



OFFICIAL ELECTRONIC PACKET

**CITY OF STARKVILLE,
MISSISSIPPI
September 15, 2020**

Mayor
D. Lynn Spruill

Vice Mayor
Roy A. Perkins

Board of Aldermen
Ben Carver
Sandra Sistrunk
David Little
Jason Walker
Hamp Beatty
Henry Vaughn, Sr.

City Attorney
Chris Latimer

City Clerk / CFO
Lesa Hardin

Technology Director
Joel Clements, Jr.

Utilities General Manager
Terry Kemp



Police Chief
Mark Ballard

Fire Chief
Charles Yarbrough

**Human Resources
Director**
Navarrete Ashford

City Engineer
Edward Kemp

**City Planning &
Community Development
Director**
Dr. Simon Kim

Court Clerk
Jodi Hogue

**Park and Recreation
Director**
Brandon Doherty

**Sanitation and
Environmental Services
Director**
Calvin Ware

Airport Director
Rodney Lincoln

OFFICIAL AGENDA

THE MAYOR AND BOARD OF ALDERMEN

OF THE

CITY OF STARKVILLE, MISSISSIPPI

RECESS MEETING OF TUESDAY, SEPTEMBER 15, 2020
5:30 P.M., COURT ROOM, CITY HALL
110 WEST MAIN STREET

I. CALL THE MEETING TO ORDER

II. PLEDGE OF ALLEGIANCE AND A MOMENT OF SILENCE

III. APPROVAL OF THE OFFICIAL AGENDA INCLUDING CONSENTED ITEMS

IV. APPROVAL OF THE BOARD OF ALDERMEN MINUTES

CONSIDERATION OF THE MINUTES OF THE AUGUST 28, 2020 WORK SESSION OF THE MAYOR AND BOARD OF ALDERMEN OF THE CITY OF STARKVILLE.

V. ANNOUNCEMENTS AND COMMENTS

A. MAYOR'S COMMENTS:

Importance of Census responses

B. BOARD OF ALDERMEN COMMENTS:

VI. CITIZEN COMMENTS

VII. PUBLIC APPEARANCES

FISCAL YEAR 9/30/19 AUDIT PRESENTATION BY RANDY SCRIVNER OF WATKINS, WARD AND STAFFORD, PLLC, ACCEPTANCE OF AUDIT AND CONSIDERATION OF AGREEMENT OF FISCAL YEAR 9/30/20 AUDIT SERVICES.

VIII. PUBLIC HEARING

IX. MAYOR'S BUSINESS

A. CONSIDERATION OF SUSPENDING THE CURRENT CITY OF STARKVILLE RECYCLING PROGRAM INDEFINITELY DUE TO INCREASED COSTS EFFECTIVE OCTOBER 1, 2020.

B. CONSIDERATION OF THE RESTRUCTURING OF THE STARKVILLE POLICE DEPARTMENT.

C. CONSIDERATION OF FP 20-04 REQUEST FOR FINAL PLAT APPROVAL FOR "HOSPITAL PARK REVISED" LOCATED AT 403 HOSPITAL ROAD IN A S-M ZONING DISTRICT.

D. REQUEST APPROVAL TO NAME LESA HARDIN THE CERTIFYING OFFICIAL (APPROVE DAILY / WEEKLY FILINGS) AND JOANNA MCLAURIN THE APPLICANT AGENT (CONTACT PERSON TO FEMA) FOR FEDERAL DISASTER- FEMA-4528 COVID-DR-MS.

X. BOARD BUSINESS

A. CONSIDERATION OF CALLING FOR THE FIRST PUBLIC HEARING FOR AN ORDINANCE OF THE CITY OF STARKVILLE, MISSISSIPPI GRANTING A NON-EXCLUSIVE FRANCHISE TO CAMPUS COMMUNICATIONS GROUP, INC., TO LAY, CONSTRUCT, MAINTAIN, REPLACE, REPAIR, AND OPERATE FIBER OPTIC CABLE AND APPURTENANT TELECOMMUNICATIONS FACILITIES IN, UNDER, OVER, AND ACROSS AND ALONG ALL STREETS, AVENUES, ALLEYS, HIGHWAYS, ROADS, BRIDGES, VIADUCTS AND PUBLIC PLACES IN THE CITY OF STARKVILLE, MISSISSIPPI.

B. CONSIDERATION OF THE PROPOSAL FOR EMPLOYEE MEDICAL, DENTAL AND VISION BENEFIT PLANS AND ADMINISTRATIVE SERVICE CONTRACT WITH BLUE CROSS BLUE SHIELD(MCGRIFF) FOR JANUARY 1, 2021 THROUGH DECEMBER 31, 2021.

XI. DEPARTMENT BUSINESS

A. AIRPORT

THERE ARE NO ITEMS FOR THIS AGENDA

B. COMMUNITY DEVELOPMENT DEPARTMENT

1. CODE ENFORCEMENT

THERE ARE NO ITEMS FOR THIS AGENDA

2. PLANNING

a. CONSIDERATION OF LW 20-01 REQUEST FOR LANDSCAPE WAIVER APPROVAL FROM TREE PROTECTION AND PERIMETER PARKING LOT LANDSCAPE REQUIREMENTS AT 600 HIGHWAY 12 WEST IN A C ZONING DISTRICT WITH THE PARCEL NUMBER 102F-00-053.00.

b. CONSIDERATION OF FP 20-03 REQUEST FOR FINAL PLAT APPROVAL FOR "JAX CORNER SUBDIVISION" THE RECONFIGURATION AND SUBDIVIDING OF SEVERAL LOTS INTO 2 LOTS LOCATED AT 103 HIGHWAY 12 WEST IN A C ZONING DISTRICT.

C. COURTS

THERE ARE NO ITEMS FOR THIS AGENDA

D. ENGINEERING

1. CONSIDERATION OF KIMLEY-HORN AND ASSOCIATES, INC., SUPPLEMENTAL AGREEMENT NO. 1, HIGHWAY 182 FROM LONG STREET TO OLD WEST POINT ROAD, OKTIBBEHA COUNTY, MS, BUILD GRANT PROJECT NO. FBLD-7113-00(004)/108418-811000.

2. CONSIDERATION OF SUPPORT FOR A JOINT UNIVERSITY-COUNTY-CITY PARTNERSHIP APPLICATION FOR A TRANSPORTATION ALTERNATIVES PROGRAM PROJECT WHICH PROPOSES A PATH CONNECTING THE PROPOSED BUILD GRANT TO COLLEGEVIEW DRIVE.

E. FINANCE AND ADMINISTRATION

1. REQUEST APPROVAL OF THE CITY OF STARKVILLE CLAIMS DOCKET FOR ALL DEPARTMENTS INCLUDING STARKVILLE UTILITIES DEPARTMENT AS OF SEPTEMBER 8, 2020 FOR FISCAL YEAR ENDING 9/30/20, ACKNOWLEDGING THAT THE CITY CLERK HAS ATTESTED AND CERTIFIED ON THE COVER OF THE CLAIMS DOCKET THAT ALL CLAIMS ON THE DOCKET ARE TRUE, ACCURATE, LAWFUL AND PROPER TO THE BEST OF HER KNOWLEDGE, FOR PAYMENT PURSUANT TO HER DUTIES UNDER MISS. CODE SECTIONS 21-39-5, 21-39-7, 21-39-9, 21-39-17 AND 21-15-21.
2. ACCEPTANCE OF AUGUST, 2020 FINANCIAL STATEMENTS.

F. FIRE DEPARTMENT

THERE ARE NO ITEMS FOR THIS AGENDA

G. HUMAN RESOURCES

1. REQUEST AUTHORIZATION TO HIRE ALEXIS ROBINSON AS A DEPUTY COURT CLERK IN THE MUNICIPAL COURT DEPARTMENT.
2. REQUEST AUTHORIZATION TO HIRE LEE UPCHURCH AS A RECORDS CLERK IN THE STARKVILLE POLICE DEPARTMENT.
3. REQUEST AUTHORIZATION TO HIRE BRADY HAYNES AS AN APPRENTICE LINEMAN IN THE STARKVILLE UTILITIES DEPARTMENT.
4. REQUEST AUTHORIZATION TO HIRE STEIN MCMULLEN AS A BUILDING OFFICIAL IN THE COMMUNITY DEVELOPMENT DEPARTMENT WITH DUAL RESPONSIBILITIES AS A FIRE MARSHAL IN THE FIRE DEPARTMENT.

H. INFORMATION TECHNOLOGY

THERE ARE NO ITEMS FOR THIS AGENDA

I. PARKS

1. CONSIDERATION TO AWARD SOUTHERN ELECTRIC CORP. OF MISSISSIPPI THE CONTRACT FOR PURCHASE AND INSTALLATION OF THE LED LIGHTING AND CAMERA SYSTEM FOR THE CORNERSTONE SPORTS COMPLEX FIELDS 1-10 AND THE T-BALL AREA IN THE AMOUNT OF \$1,809,397.14, THE LOWEST AND BEST BID RECEIVED.
2. CONSIDERATION OF FY20-21 STARKVILLE FACILITY USE AGREEMENT WITH STARKVILLE ACADEMY GIRL'S AND BOY'S SOCCER TEAMS.
3. REQUEST AUTHORIZATION TO ACCEPT THE LOWEST AND BEST QUOTE FROM REGAL CHEMICAL TO PURCHASE 40 ACRES OF FERTILIZER TO BE APPLIED TO SPORTS FIELDS IN THE AMOUNT OF \$8,000.00.
4. REQUEST AUTHORIZATION TO PURCHASE A 72 INCH LAZER MOWER FROM POWERSTROKE EQUIPMENT, THE LOWEST BID, AT A COST OF \$8,779.00 AND TO DECLARE THE CURRENT 72 INCH MOWER SURPLUS AND SELL ON GOVDEALS.COM.

J. POLICE DEPARTMENT

THERE ARE NO ITEMS FOR THIS AGENDA

K. SANITATION DEPARTMENT

1. CONSIDERATION OF ELIMINATING A POSITION (SECRETARY) AND RESTRUCTURING THE SANITATION/ ENVIRONMENTAL SERVICES DEPARTMENT.

L. UTILITIES DEPARTMENT

1. REQUEST AUTHORIZATION TO ADVERTISE FOR BIDS FOR CONSTRUCTION FOR THE TRIM CANE LIFT STATION REHABILITATION.
2. REQUEST APPROVAL OF RENEWAL OF THE DISTRIBUTION INSURANCE COMPANY (DIC) PROPERTY-CASUALTY INSURANCE PROPOSAL FOR STARKVILLE UTILITIES- ELECTRIC DIVISION.
3. REQUEST AUTHORIZATION FOR STARKVILLE UTILITIES TO APPROVE AMENDMENT NO.1 TO VOLKERT TASK ORDER NO. 3-2018 FOR THE CONSTRUCTION PHASE SERVICES OF THE WASTEWATER TREATMENT PLANT (WWTP) BIOSOLIDS IMPROVEMENTS NOT TO EXCEED \$75,000.00 DUE TO THE NEED TO INCREASE THE CONSTRUCTION PERIOD.

4. REQUEST AUTHORIZATION FOR STARKVILLE UTILITIES TO ACCEPT THE PLEASANT ACRES SUMMARY CHANGE ORDER FOR THE PLEASANT ACRES INFRASTRUCTURE REHABILITATION PROJECT WITH THE NET INCREASE OF \$85,760.16.

5. REQUEST AUTHORIZATION TO ACCEPT THE LOWER QUOTE FROM WM. W. MEYER AND SONS, INC. TO PURCHASE A TUTHILL PD PLUS BLOWER FOR THE WASTEWATER TREATMENT PLANT IN THE AMOUNT OF \$8,651.00.

XII. **CLOSED DETERMINATION SESSION**

XIII. **OPEN SESSION**

XIV. **EXECUTIVE SESSION**

- Personnel

XV. **OPEN SESSION**

XVI. **ADJOURN UNTIL OCTOBER 6, 2020 @ 5:30 IN THE COURT ROOM AT 110 WEST MAIN STREET.**

The City of Starkville is accessible to persons with disabilities. Please call the ADA Coordinator, Dr. Simon Kim, at (662) 323-2525, at least forty-eight (48) hours in advance for any services requested.

**MINUTES OF THE WORK SESSION
OF THE MAYOR AND BOARD OF ALDERMEN
OF THE CITY OF STARKVILLE, MISSISSIPPI
August 18, 2020**

Be it remembered that the Mayor and members of the Board of Aldermen met in a Work Session on Friday, August 18, 2020 at 10:00 a.m. in the second floor conference room of City Hall located at 110 West Main Street, Starkville, MS. Present in person were Mayor D. Lynn Spruill, Alderwoman Sandra Sistrunk, Alderman David Little, Alderman Hamp Beatty, Alderman Henry Vaughn, Sr., City Attorney Chris Latimer and City Clerk Lesa Hardin. Alderman Ben Carver attended by videoconference.

Mayor Spruill opened the work session. The work session was properly noticed pursuant to Miss. Code Ann. §25-41-13 and a copy of that notice is included in the minutes. The work session was live streamed on Facebook. The public and media were welcomed and attended. The session is also available for viewing on the City website.

Mayor Spruill welcomed Jimmy Sloan, Executive Director of the Golden Triangle Regional Solid Waste Authority who provided information on the Green Power Program and how the landfill gas extraction process functions.

The Mayor and members of the Board discussed items on the upcoming September 1, 2020 agenda. Department Directors were available to answer questions related to the items. All agenda items were discussed.

SIGNED AND SEALED THIS THE _____ DAY OF _____ 2020.

MAYOR D. LYNN SPRUILL

Attest:

Seal

LESA HARDIN, CITY CLERK



WORK SESSION

CITY OF STARKVILLE, MISSISSIPPI

August 28, 2020

10:00 a.m.

- A. CALL THE MEETING TO ORDER**
- B. JIMMY SLOAN, EXECUTIVE DIRECTOR OF THE GOLDEN TRIANGLE REGIONAL SOLID WASTE AUTHORITY TO PROVIDE INFORMATION ON THE GREEN POWER PROGRAM.**
- C. DISCUSSION OF THE AGENDA ITEMS FOR THE SEPTEMBER 1, 2020, REGULAR MEETING OF THE BOARD OF ALDERMEN FOR THE CITY OF STARKVILLE.**
- D. ADJOURN MEETING**



**THERE WILL BE A WORK SESSION OF THE
MAYOR AND BOARD OF ALDERMEN ON
FRIDAY, AUGUST 28, 2020**

**AT 10:00 AM IN THE STARKVILLE CITY HALL
LOCATED AT 110 WEST MAIN STREET
IN THE SECOND FLOOR CONFERENCE ROOM**

The public and media are invited to attend.

The City of Starkville is accessible to persons with disabilities. Please call the ADA Coordinator at (662) 323-2525 ext. 3119, in advance for any services requested.



**CITY OF STARKVILLE
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM NO:
AGENDA DATE: 9-15-2020
PAGE: 1 of 11

SUBJECT: Consideration of the approval of the engagement letter from Watkins, Ward & Stafford for the Fiscal Year 2020 audit for the City of Starkville.

Consideration of the acceptance of the Fiscal Year 2019 Audit as presented.

AMOUNT & SOURCE OF FUNDING: 001-142-600-301

FISCAL NOTE: Annual Budgeted Expense

REQUESTING

DEPARTMENT: Finance and Administration

FOR MORE INFORMATION: Lesa Hardin @323-2525 ext.3117

SUGGESTED MOTION:

Approval of the engagement letter with Watkins, Ward & Stafford, CPAs, PLLC for the Fiscal Year 2020 audit for the City of Starkville.

Approval of the acceptance of the Fiscal Year 2019 Audit as presented.



WATKINS, WARD and STAFFORD
Professional Limited Liability Company
Certified Public Accountants

One Professional Plaza
P.O. Box 1345
Phone (662) 323-9071

Starkville, MS 39759
Starkville, MS 39760
Fax (662) 323-9075

James L. Stafford, CPA
Harry W. Stevens, CPA
S. Keith Winfield, CPA
William B. Stagers, CPA
Michael W. McCully, CPA
R. Steve Sinclair, CPA
Marsha L. McDonald, CPA
Wanda S. Holley, CPA
Robin Y. McCormick, CPA/PFS
J. Randy Scrivner, CPA
Kimberly S. Caskey, CPA
Susan M. Lummus, CPA
Thomas J. Browder, CPA

Stephen D. Flake, CPA
John N. Russell, CPA
Thomas A. Davis, CPA
Anita L. Goodrum, CPA
Ricky D. Allen, CPA
Jason D. Brooks, CPA
Robert E. Cordle, Jr., CPA
Perry C. Rackley, Jr., CPA
Jerry L. Gammel, CPA
Michael C. Knox, CPA
Clifford P. Stewart, CPA
Edward A. Maxwell, CPA

September 10, 2020

To the Honorable Mayor and Board of Aldermen
City of Starkville
Starkville, Mississippi 39759

We are pleased to confirm our understanding of the services we are to provide the City of Starkville for the year ended September 30, 2020. We will audit the financial statements of the governmental activities, the business-type activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information, including the related notes to the financial statements, which collectively comprise the basic financial statements, of the City of Starkville as of and for the year ended September 30, 2020. Accounting standards generally accepted in the United States of America provide for certain required supplementary information (RSI), such as management's discussion and analysis (MD&A), to supplement the City of Starkville's basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. As part of our engagement, we will apply certain limited procedures to the City of Starkville's RSI in accordance with auditing standards generally accepted in the United States of America. These limited procedures will consist of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We will not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance. The following RSI is required by U.S. generally accepted accounting principles and will be subjected to certain limited procedures, but will not be audited:

Management's Discussion and Analysis.

Statement of Revenues, Expenditures, and Changes in Fund Balance – Budget and Actual (Non-GAAP Budgetary Basis).

We have also been engaged to report on supplementary information other than RSI that accompanies the City of Starkville's financial statements. We will subject the following supplementary information to the auditing procedures applied in our audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America, and we will provide an opinion on it in relation to the financial statements as a whole:

Combining Balance Sheet by Activity – General Fund.

Combining Statement of Revenues, Expenditures, and Changes in Fund Balance by Activity – General Fund.

- 3) Balance Sheet – Non-major Governmental Funds.
- 4) Statement of Revenues, Expenditures, and Changes in Fund Balances – Non-major Governmental Funds.
- 5) Statement of Net Position – Non-major Enterprise Funds.
- 6) Statement of Revenues, Expenses, and Changes in Fund Net Position – Non-major Enterprise Funds.
- 7) Statement of Cash Flows – Non-major Enterprise Funds.
- 8) Schedule of Surety Bonds for Municipal Officials.
- 9) Schedule of Bonded Indebtedness.
- 10) Schedule of Long-Term Notes.
- 11) Schedule of Surety Bonds.
- 12) Schedule of Expenditures of Federal Awards.

Audit Objectives

The objective of our audit is the expression of opinions as to whether your financial statements are fairly presented, in all material respects, in conformity with U.S. generally accepted accounting principles and to report on the fairness of the supplementary information referred to in the second paragraph when considered in relation to the financial statements as a whole. The objective also includes reporting on—

- Internal control over financial reporting and compliance with provisions of laws, regulations, contracts, and award agreements, noncompliance with which could have a material effect on the financial statements in accordance with *Government Auditing Standards*.
- Internal control over compliance related to major programs and an opinion (or disclaimer of opinion) on compliance with federal statutes, regulations, and the terms and conditions of federal awards that could have a direct and material effect on each major program in accordance with the Single Audit Act Amendments of 1996 and Title 2 U.S. *Code of Federal Regulations* (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance).

The *Government Auditing Standards* report on internal control over financial reporting and on compliance and other matters will include a paragraph that states that (1) the purpose of the report is solely to describe the scope of testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance, and (2) the report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. The Uniform Guidance report on internal control over compliance will include a paragraph that states that the purpose of the report on internal control over compliance is solely to describe the scope of testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Both reports will state that the report is not suitable for any other purpose.

Our audit will be conducted in accordance with auditing standards generally accepted in the United States of America; the standards for financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; the Single Audit Act Amendments of 1996; and the provisions of the Uniform Guidance, and will include tests of accounting records, a determination of major program(s) in accordance with the Uniform Guidance, and other procedures we consider necessary to enable us to express such opinions. We will issue written reports upon completion of our Single Audit. Our reports will be addressed to the mayor and board of aldermen of the City of Starkville. We cannot provide assurance that unmodified opinions will be expressed. Circumstances may arise in which it is

necessary for us to modify our opinions or add emphasis-of-matter or other-matter paragraphs. If our opinions are other than unmodified, we will discuss the reasons with you in advance. If, for any reason, we are unable to complete the audit or are unable to form or have not formed opinions, we may decline to express opinions or issue reports, or we may withdraw from this engagement.

Audit Procedures—General

An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements; therefore, our audit will involve judgment about the number of transactions to be examined and the areas to be tested. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements. We will plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether from (1) errors, (2) fraudulent financial reporting, (3) misappropriation of assets, or (4) violations of laws or governmental regulations that are attributable to the government or to acts by management or employees acting on behalf of the government. Because the determination of abuse is subjective, *Government Auditing Standards* do not expect auditors to provide reasonable assurance of detecting abuse.

Because of the inherent limitations of an audit, combined with the inherent limitations of internal control, and because we will not perform a detailed examination of all transactions, there is a risk that material misstatements or noncompliance may exist and not be detected by us, even though the audit is properly planned and performed in accordance with U.S. generally accepted auditing standards and *Government Auditing Standards*. In addition, an audit is not designed to detect immaterial misstatements or violations of laws or governmental regulations that do not have a direct and material effect on the financial statements or on major programs. However, we will inform the appropriate level of management of any material errors, any fraudulent financial reporting, or misappropriation of assets that come to our attention. We will also inform the appropriate level of management of any violations of laws or governmental regulations that come to our attention, unless clearly inconsequential, and of any material abuse that comes to our attention. We will include such matters in the reports required for a Single Audit. Our responsibility as auditors is limited to the period covered by our audit and does not extend to any later periods for which we are not engaged as auditors.

Our procedures will include tests of documentary evidence supporting the transactions recorded in the accounts, and may include tests of the physical existence of inventories, and direct confirmation of receivables and certain other assets and liabilities by correspondence with selected individuals, funding sources, creditors, and financial institutions. We will request written representations from your attorneys as part of the engagement, and they may bill you for responding to this inquiry. At the conclusion of our audit, we will require certain written representations from you about your responsibilities for the financial statements; schedule of expenditures of federal awards; federal award programs; compliance with laws, regulations, contracts, and grant agreements; and other responsibilities required by generally accepted auditing standards.

Audit Procedures—Internal Control

Our audit will include obtaining an understanding of the government and its environment, including internal control, sufficient to assess the risks of material misstatement of the financial statements and to design the nature, timing, and extent of further audit procedures. Tests of controls may be performed to test the effectiveness of certain controls that we consider relevant to preventing and detecting errors and fraud that are material to the financial statements and to preventing and detecting misstatements resulting from illegal acts and other noncompliance matters that have a direct and material effect on the financial statements. Our tests, if performed, will be less in scope than would be necessary to render an opinion on internal control and, accordingly, no opinion will be expressed in our report on internal control issued pursuant to *Government Auditing Standards*.

As required by the Uniform Guidance, we will perform tests of controls over compliance to evaluate the effectiveness of the design and operation of controls that we consider relevant to preventing or detecting material noncompliance with compliance requirements applicable to each major federal award program. However, our tests will be less in scope than would be necessary to render an opinion on those controls and, accordingly, no opinion will be expressed in our report on internal control issued pursuant to the Uniform Guidance.

An audit is not designed to provide assurance on internal control or to identify significant deficiencies or material weaknesses. However, during the audit, we will communicate to management and those charged with governance internal control related matters that are required to be communicated under AICPA professional standards, *Government Auditing Standards*, and the Uniform Guidance.

Audit Procedures—Compliance

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we will perform tests of the City of Starkville's compliance with provisions of applicable laws, regulations, contracts, and agreements, including grant agreements. However, the objective of those procedures will not be to provide an opinion on overall compliance and we will not express such an opinion in our report on compliance issued pursuant to *Government Auditing Standards*.

The Uniform Guidance requires that we also plan and perform the audit to obtain reasonable assurance about whether the auditee has complied with federal statutes, regulations, and the terms and conditions of federal awards applicable to major programs. Our procedures will consist of tests of transactions and other applicable procedures described in the *OMB Compliance Supplement* for the types of compliance requirements that could have a direct and material effect on each of the City of Starkville's major programs. The purpose of these procedures will be to express an opinion on the City of Starkville's compliance with requirements applicable to each of its major programs in our report on compliance issued pursuant to the Uniform Guidance.

Other Services

We will also assist in preparing the financial statements, schedule of expenditures of federal awards, and related notes of the City of Starkville in conformity with U.S. generally accepted accounting principles and the Uniform Guidance based on information provided by you. These nonaudit services do not constitute an audit under *Government Auditing Standards* and such services will not be conducted in accordance with *Government Auditing Standards*. We will perform the services in accordance with applicable professional standards. The other services are limited to the financial statements, schedule of

expenditures of federal awards, and related notes services previously defined. We, in our sole professional judgment, reserve the right to refuse to perform any procedure or take any action that could be construed as assuming management responsibilities.

Management Responsibilities

Management is responsible for (1) designing, implementing, and maintaining effective internal controls, including internal controls over federal awards, and for evaluating and monitoring ongoing activities to help ensure that appropriate goals and objectives are met; (2) following laws and regulations; (3) ensuring that there is reasonable assurance that government programs are administered in compliance with compliance requirements; and (4) ensuring that management and financial information is reliable and properly reported. Management is also responsible for implementing systems designed to achieve compliance with applicable laws, regulations, contracts, and grant agreements. You are also responsible for the selection and application of accounting principles; for the preparation and fair presentation of the financial statements, schedule of expenditures of federal awards, and all accompanying information in conformity with U.S. generally accepted accounting principles; and for compliance with applicable laws and regulations (including federal statutes) and the provisions of contracts and grant agreements (including award agreements). Your responsibilities also include identifying significant contractor relationships in which the contractor has responsibility for program compliance and for the accuracy and completeness of that information.

Management is also responsible for making all financial records and related information available to us and for the accuracy and completeness of that information. You are also responsible for providing us with (1) access to all information of which you are aware that is relevant to the preparation and fair presentation of the financial statements, (2) access to personnel, accounts, books, records, supporting documentation, and other information as needed to perform an audit under the Uniform Guidance, (3) additional information that we may request for the purpose of the audit, and (4) unrestricted access to persons within the government from whom we determine it necessary to obtain audit evidence.

Your responsibilities include adjusting the financial statements to correct material misstatements and confirming to us in the management representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the latest period presented are immaterial, both individually and in the aggregate, to the financial statements as a whole.

You are responsible for the design and implementation of programs and controls to prevent and detect fraud, and for informing us about all known or suspected fraud affecting the government involving (1) management, (2) employees who have significant roles in internal control, and (3) others where the fraud could have a material effect on the financial statements. Your responsibilities include informing us of your knowledge of any allegations of fraud or suspected fraud affecting the government received in communications from employees, former employees, grantors, regulators, or others. In addition, you are responsible for identifying and ensuring that the government complies with applicable laws, regulations, contracts, agreements, and grants. Management is also responsible for taking timely and appropriate steps to remedy fraud and noncompliance with provisions of laws, regulations, contracts, and grant agreements, or abuse that we report. Additionally, as required by the Uniform Guidance, it is management's responsibility to evaluate and monitor noncompliance with federal statutes, regulations, and the terms and conditions of federal awards; take prompt action when instances of noncompliance are identified including noncompliance identified in audit findings; promptly follow up and take corrective action on reported audit findings; and prepare a summary schedule of prior audit findings and a separate corrective action plan.

You are responsible for identifying all federal awards received and understanding and complying with the compliance requirements and for the preparation of the schedule of expenditures of federal awards (including notes and noncash assistance received) in conformity with the Uniform Guidance. You agree to include our report on the schedule of expenditures of federal awards in any document that contains and indicates that we have reported on the schedule of expenditures of federal awards. You also agree to include the audited financial statements with any presentation of the schedule of expenditures of federal awards that includes our report thereon. Your responsibilities include acknowledging to us in the written representation letter that (1) you are responsible for presentation of the schedule of expenditures of federal awards in accordance with the Uniform Guidance; (2) you believe the schedule of expenditures of federal awards, including its form and content, is stated fairly in accordance with the Uniform Guidance; (3) the methods of measurement or presentation have not changed from those used in the prior period (or, if they have changed, the reasons for such changes); and (4) you have disclosed to us any significant assumptions or interpretations underlying the measurement or presentation of the schedule of expenditures of federal awards.

You are also responsible for the preparation of the other supplementary information, which we have been engaged to report on, in conformity with U.S. generally accepted accounting principles. You agree to include our report on the supplementary information in any document that contains, and indicates that we have reported on, the supplementary information. You also agree to include the audited financial statements with any presentation of the supplementary information that includes our report thereon. Your responsibilities include acknowledging to us in the written representation letter that (1) you are responsible for presentation of the supplementary information in accordance with GAAP; (2) you believe the supplementary information, including its form and content, is fairly presented in accordance with GAAP; (3) the methods of measurement or presentation have not changed from those used in the prior period (or, if they have changed, the reasons for such changes); and (4) you have disclosed to us any significant assumptions or interpretations underlying the measurement or presentation of the supplementary information.

Management is responsible for establishing and maintaining a process for tracking the status of audit findings and recommendations. Management is also responsible for identifying and providing report copies of previous financial audits, attestation engagements, performance audits, or other studies related to the objectives discussed in the Audit Objectives section of this letter. This responsibility includes relaying to us corrective actions taken to address significant findings and recommendations resulting from those audits, attestation engagements, performance audits, or studies. You are also responsible for providing management's views on our current findings, conclusions, and recommendations, as well as your planned corrective actions, for the report, and for the timing and format for providing that information.

You agree to assume all management responsibilities relating to the financial statements, schedule of expenditures of federal awards, and related notes, and any other nonaudit services we provide. You will be required to acknowledge in the management representation letter our assistance with preparation of the financial statements, schedule of expenditures of federal awards, and related notes and that you have reviewed and approved the financial statements, schedule of expenditures of federal awards, and related notes prior to their issuance and have accepted responsibility for them. Further, you agree to oversee the nonaudit services by designating an individual, preferably from senior management, with suitable skill, knowledge, or experience; evaluate the adequacy and results of those services; and accept responsibility for them.

Engagement Administration, Fees, and Other

We may from time to time and depending on the circumstances, use third-party service providers in serving your account. We may share confidential information about you with these service providers, but remain committed to maintaining the confidentiality and security of your information. Accordingly, we maintain internal policies, procedures, and safeguards to protect the confidentiality of your personal information. In addition, we will secure confidentiality agreements with all service providers to maintain the confidentiality of your information and we will take reasonable precautions to determine that they have appropriate procedures in place to prevent the unauthorized release of your confidential information to others. In the event that we are unable to secure an appropriate confidentiality agreement, you will be asked to provide your consent prior to the sharing of your confidential information with the third-party service provider. Furthermore, we will remain responsible for the work provided by any such third-party service providers.

We understand that your employees will prepare all cash, accounts receivable, or other confirmations we request and will locate any documents selected by us for testing.

At the conclusion of the engagement, we will complete the appropriate sections of the Data Collection Form that summarizes our audit findings. It is management's responsibility to electronically submit the reporting package (including financial statements, schedule of expenditures of federal awards, summary schedule of prior audit findings, auditors' reports, and corrective action plan) along with the Data Collection Form to the federal audit clearinghouse. We will coordinate with you the electronic submission and certification. The Data Collection Form and the reporting package must be submitted within the earlier of 30 calendar days after receipt of the auditors' reports or nine months after the end of the audit period, unless a longer period is agreed to in advance by the cognizant or oversight agency for audits.

We will provide copies of our reports to the mayor and board of aldermen; however, management is responsible for distribution of the reports and the financial statements. Unless restricted by law or regulation, or containing privileged and confidential information, copies of our reports are to be made available for public inspection.

The audit documentation for this engagement is the property of Watkins, Ward and Stafford, PLLC and constitutes confidential information. However, subject to applicable laws and regulations, audit documentation and appropriate individuals will be made available upon request and in a timely manner to a federal agency providing direct or indirect funding, or the U.S. Government Accountability Office for purposes of a quality review of the audit, to resolve audit findings, or to carry out oversight responsibilities. We will notify you of any such request. If requested, access to such audit documentation will be provided under the supervision of Watkins, Ward and Stafford, PLLC personnel. Furthermore, upon request, we may provide copies of selected audit documentation to the aforementioned parties. These parties may intend, or decide, to distribute the copies or information contained therein to others, including other governmental agencies.

The audit documentation for this engagement will be retained for a minimum of five years after the report release date or for any additional period requested by the Cognizant Agency, Oversight Agency for Audit, or Pass-through Entity. If we are aware that a federal awarding agency, pass-through entity, or auditee is contesting an audit finding, we will contact the party(ies) contesting the audit finding for guidance prior to destroying the audit documentation.

We plan to adhere to the following time frame as it relates to the audit:

November 2020 Preliminary planning field work (4 auditors) – a more detailed information request will be provided to the City Clerk at the conclusion

December 2020 Audit field work including Starkville Water Department (4 auditors)

April 2021 Presentation of governmental funds in draft format to the Board

May 2021 Meeting with the Board of Alderman to present final audit report

Any modifications to this time frame must be agreed to in writing. WWS will communicate via email to the City Clerk, Mayor, and Chair of the Audit/Budget Committee, the status of the audit including pending information requests, issues, and any other matters deemed important.

The audit will be performed within the time frame as stipulated above. If the data as requested by us is provided in full and the audit commences upon completion of such provision, we will agree to a penalty of 10% of the contract price for every thirty days that the delivery date of the audit report extends beyond May 31, 2021.

J. Randy Scrivner, CPA, is the engagement partner and is responsible for supervising the engagement and signing the reports or authorizing another individual to sign them.

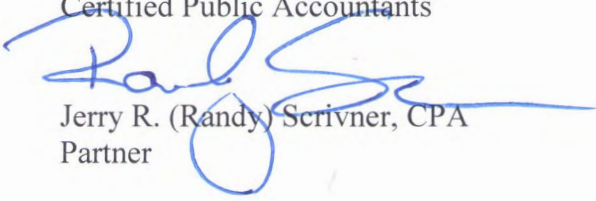
Our fee for these services will be at our standard hourly rates plus out-of-pocket costs (such as report reproduction, word processing, postage, travel, copies, telephone, etc.) except that we agree that our gross fee, including expenses, will not exceed \$35,500 (City \$29,500, Starkville Water Department \$6,000). Our standard hourly rates vary according to the degree of responsibility involved and the experience level of the personnel assigned to your audit. Our invoices for these fees will be rendered each month as work progresses and are payable on presentation. In accordance with our firm policies, work may be suspended if your account is not paid within the time required by Miss. Code Section 31-7-301, et sequential, and may not be resumed until your account is paid in full. If we elect to terminate our services for nonpayment, our engagement will be deemed to have been completed upon written notification of termination, even if we have not completed our report(s). You will be obligated to compensate us for all time expended and to reimburse us for all out-of-pocket costs through the date of termination. The above fee is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the audit. No additional fees will be billed unless agreed to in writing.

Government Auditing Standards require that we provide you with a copy of our most recent external peer review report and any letter of comment, and any subsequent peer review reports and letters of comment received during the period of the contract. Our 2017 peer review report accompanies this letter.

We appreciate the opportunity to be of service to the City of Starkville and believe this letter accurately summarizes the significant terms of our engagement. If you have any questions, please let us know. If you agree with the terms of our engagement as described in this letter, please sign the enclosed copy and return it to us.

Very truly yours,

Watkins, Ward and Stafford, PLLC
Certified Public Accountants



Jerry R. (Randy) Scrivner, CPA
Partner

RESPONSE:

This letter correctly sets forth the understanding of the City of Starkville.

Governance signature: _____

Title: Mayor

Date: _____

Management signature: _____

Title: City Clerk

Date: _____



Report on the Firm's System of Quality Control

October 20, 2017

To The Partners of Watkins, Ward and Stafford, PLLC and the National Peer Review Committee of the Mississippi Society of CPAs.

We have reviewed the system of quality control for the accounting and auditing practice of Watkins, Ward and Stafford, PLLC (the firm) in effect for the year ended April 30, 2017. Our peer review was conducted in accordance with the Standards for Performing and Reporting on Peer Reviews established by the Peer Review Board of the American Institute of Certified Public Accountants (Standards). A summary of the nature, objectives, scope, limitations of, and the procedures performed in a System review as described in the standards may be found at www.aicpa.org/prsummary. The summary also includes an explanation of how engagements identified as not performed or reported in conformity with applicable professional standards, if any, are evaluated by a peer reviewer to determine a peer review rating.

Firm's Responsibility

The firm is responsible for designing a system of quality control and complying with it to provide the firm with reasonable assurance of performing and reporting in conformity with applicable professional standards in all material respects. The firm is also responsible for evaluating actions to promptly remediate engagements deemed as not performed or reported in conformity with professional standards, when appropriate, and for remediating weaknesses in its system of quality control, if any.

Peer Reviewer's Responsibility

Our responsibility is to express an opinion on the design of the system of quality control and the firm's compliance therewith based on our review.

Required Selections and Considerations

Engagements selected for review included engagements performed under *Government Auditing Standards*, including compliance audits under the Single Audit Act, and audits of employee benefit plans.

As a part of our peer review, we considered reviews by regulatory entities as communicated by the firm, if applicable, in determining the nature and extent of our procedures.

Opinion

In our opinion, the system of quality control for the accounting and auditing practice of Watkins, Ward and Stafford, PLLC in effect for the year ended April 30, 2017, has been suitably designed and complied with to provide the firm with reasonable assurance of performing and reporting in conformity with applicable professional standards in all material respects. Firms can receive a rating of *pass*, *pass with deficiency* or *fail*. Watkins, Ward and Stafford, PLLC has received a peer review rating of *pass*.

Henderson Hutcherson
& McCullough, PLLC

1200 Market Street, Chattanooga, TN 37402 | T 423.756.7771 | F 423.265.8125

AN INDEPENDENT MEMBER OF THE BDO ALLIANCE USA

**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT: Mayor's Business

AGENDA DATE: September 15, 2020

Page: 1

SUBJECT:

Consideration and approval of the restructuring of the Starkville Police Department.

AMOUNT & SOURCE OF FUNDING:

Reorganization will be budget neutral. Funds will be moved from the Community Development Department to the Police Department.

LINE ITEM

Effective for FY2021 Line Item.

AUTHORIZATION HISTORY:

Please review the attached report/summary page for more details on the history of the department.

REQUESTING DEPARTMENT:

Starkville Police Department

DIRECTOR'S AUTHORIZATION:

Mark Ballard, Police Chief

FOR MORE INFORMATION CONTACT:

Lynn Spruill, Mayor or Mark Ballard, Police Chief

SUGGESTED MOTION:

Move approval of the restructuring of the Starkville Police Department and approve the job descriptions as presented.

Report

Date: September 3, 2020
To: Mayor Spruill and Members of the Board
From: Lynn Spruill, Mayor and Mark Ballard, Chief of Police
Subject: Reorganization of the Police Department.

Summary

In May, we began discussing the idea and opportunities of moving Code Enforcement under the Police Department. Police and Code Enforcement go hand-in-hand together, because there is always the potential for a crime. Having Code Enforcement at the police department will enhance and streamline the city's efforts to enforce code violations.

Collaborating with Code Enforcement will allow for a more informed and strategic approach to locating violations and enforcing city codes. This will help continue our efforts to decrease crime and to improve the quality of life in higher crime areas of the city. This strategy has proven to be effective in addressing issues regarding violations across other cities.

The Mayor along with Human Resources are constantly evaluating city operations to ensure that we are delivering the highest level of services possible. Code enforcement plays a vital role in cleaning up neighborhoods. This move will enhance our abilities to keep Starkville clean. The teamwork of our police department and Code Enforcement will help enhance our city's mission of code enforcement.

- Protect private property owners' investments
- Promote public health, safety and welfare
- Educate residents
- Enhance the quality of life and appearance in our neighborhoods

Code Enforcement Officers will continue to enforce city ordinance violations as well as assist with patrol when needed once certified.

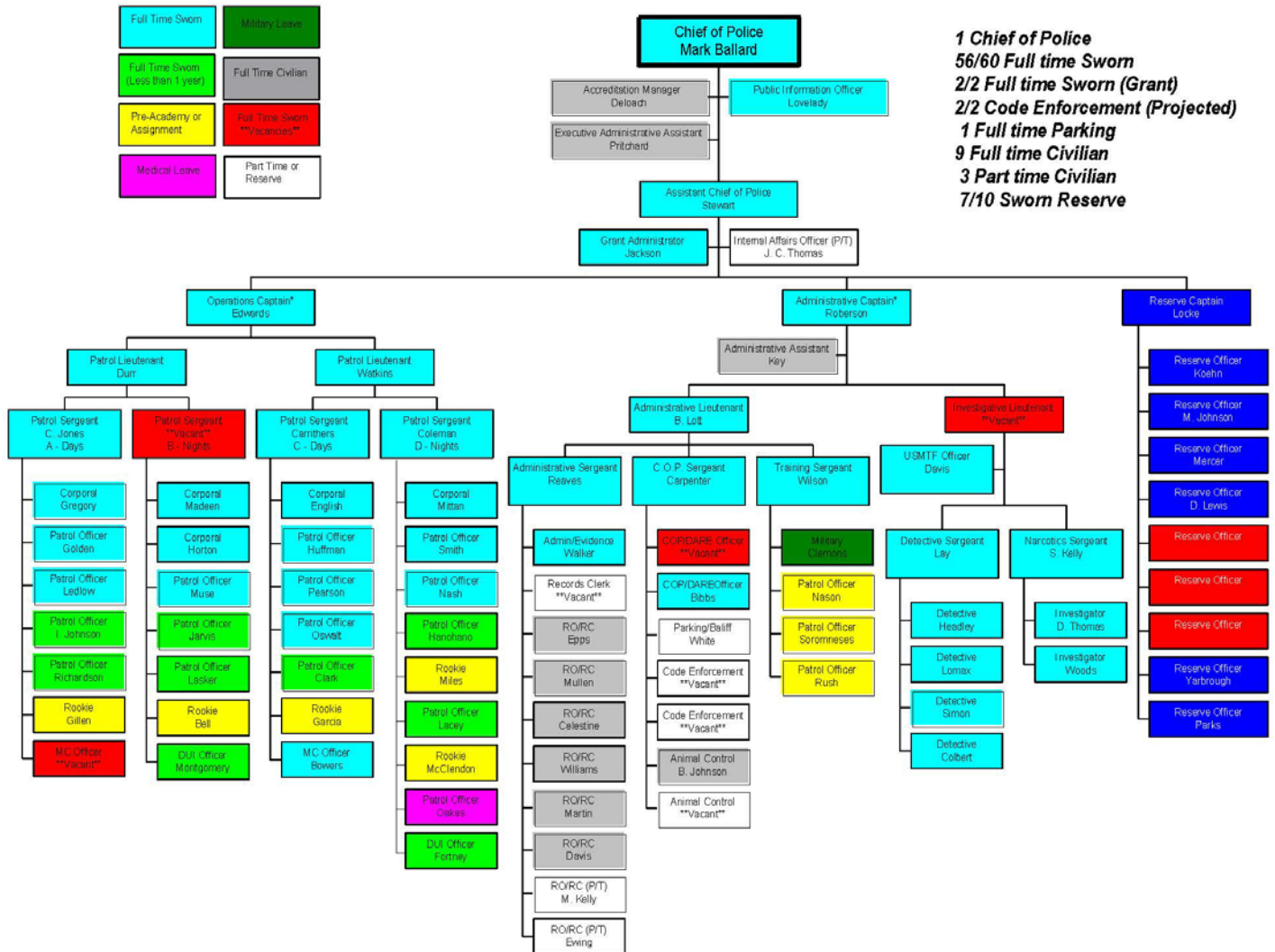
Background

Currently, the City of Starkville Code Enforcement Division operates under the Community Development Department (housed inside City Hall), in enforcement of City codes and ordinances, as well as ensuring that developers, residents and property managers comply with the policies, processes, and municipal laws associated with Community Development functions.

The responsibilities of the Code Enforcement team has extended far beyond citing homeowners for overgrown lawns or peeling paint. Their work is about keeping the community safe and offering assistance when needed. By moving the division to the police department, these closer quarters will help expand the team's ability to serve the community.

The idea behind this transition is that addressing small code violations will lead to less crime on all levels in the future. Quickly addressing code violations makes those violations less frequent and contributes to lowering other, more severe, violations. There are many situations where officers or detectives will work in conjunction with Code Enforcement. This transition will lead to healthier neighborhoods throughout the city.

The Re-Envisioned Department will look like this



CITY OF STARKVILLE JOB DESCRIPTION

Title: Code Enforcement Officer
Reports to: Director
Date Prepared: September 8, 2020

Department: Police Department
Classification: Exempt, Salary Grade 10
Approved by Board: _____

GENERAL POSITION SUMMARY:

The Code Enforcement Officer is responsible for a variety of inspections to ensure adherence to and identification of violations of City codes, ordinances and regulations relating to environmental, public safety, health and sanitation regulations. Responsibilities could include field inspections and investigations; enforcement actions to abate violations; and testifying about the violations, enforcement actions and information obtained during the investigations.

ESSENTIAL JOB FUNCTIONS:

- Investigates complaints of code violations and works with the public to bring properties into compliance.
- Investigates complaints pertaining to health and safety hazards, property maintenance, zoning violations, abandoned/inoperable vehicles and public nuisances.
- Processes complaints: including issuing notice of violations, citations, letters, memos or legal documents, answering routine questions and routing technical questions to appropriate personnel, assisting walk-in customers as needed, maintaining case management and filing systems.
- Prepares written notices of violation and orders to abate nuisances.
- Discusses and educates the general public on local codes and enforcement procedures. Establish and maintain effective working relationships with state and county agencies, developers, contractors and general public.
- Research tax rolls and city ordinance books for property owners and make decisions within specified time restraints while handling multiple tasks simultaneously with frequent interruptions.
- Serves court documents, testifies in court as to evidence gathered, prepares and processes notices, warnings and citations as needed and presents cases before the Municipal Court.
- Prepares and prosecutes cases in Municipal Court with the assistance of the City Prosecutor, including calling and examining witnesses, offenders and victims, presenting direct and indirect evidence and providing testimony as necessary.
- Provides documentation for use in cost recovery, coordinating activities with other City departments to back up the cost recovery and prepares a bill to the owner for the cost recovery fees.
- Participates in continuous training to enhance law enforcement skills including firearms proficiency, defensive driving skills, physical fitness standards, apprehension and arrest techniques, investigative skills, and general law enforcement skills.
- Requires regular and prompt attendance plus the ability to interact with others in a professional manner and maintain professional composure in heated situations.
- Assist other personnel and units as needed and perform other duties as assigned or directed. This includes overtime details for public safety purposes.

KNOWLEDGE, SKILLS AND ABILITIES:

- Some knowledge of the principles of land usage and zoning.
- Some knowledge of the local City Ordinances.
- Some knowledge of the geography of the City.
- Some knowledge of federal and state statutes.
- Some knowledge of web based software.
- Ability to interpret and apply fairly and tactfully zoning ordinances for the public.
- Ability to understand maps, land measurements and legal descriptions.
- Ability to compile, analyze and evaluate data.
- Ability to communicate, both orally and in writing.

- Ability to establish and maintain effective relationships with property owners, contractors and the public.
- Requires confidentiality.
- Ability to use radios and other communications equipment.
- Ability to use standard office equipment.
- Demonstrated ability to achieve high performance goals and meet deadlines in a fast-paced environment.
- Proficient in Microsoft Office (Outlook, Word, Excel, and PowerPoint).
- Ability to maintain complex and difficult clerical records and to prepare detailed reports. Proven ability to handle confidential information with discretion.

EDUCATION AND/OR EXPERIENCE REQUIRED:

- High school diploma from a school accredited by a regional accrediting agency recognized by the U.S. Department of Education or GED certificate issued by the appropriate state agency and experience in performing varied office support services.
- A minimum of three (3) years' experience in code enforcement, zoning enforcement, law enforcement or building inspection is preferred; or an equivalent combination of education and experience sufficient to successfully perform the essential duties of the job as listed above.
- Ability to become a certified Police Officer within 6 months.
- Must possess a valid Mississippi Driver's License and acceptable MVR.

PREFERRED QUALIFICATIONS AND EXPERIENCE:

- Graduation from an accredited university with an Associate's degree in criminal justice, planning, public or business administration, political science, geography, economics or in a closely related field and two (2) years of experience in code enforcement, planning and zoning, or government relations, or any equivalent combination of education and experience. A combination of equivalent education and experience likely to provide the required knowledge and abilities may be considered.

WORKING ENVIRONMENT AND PHYSICAL DEMANDS:

Environment:

Work for this position is primarily outdoors and may expose the employee to inclement weather conditions, hazards of construction sites, animals and insects. Work done in all types of weather. Ten percent of the work for this position is indoors.

Physical: The Code Enforcement Officer must have the ability to sit, stand, walk, see, bend, stoop, talk and hear, kneel, crouch, smell, climb and balance on ladders, crawl in confined spaces and may be required to lift heavy objects (up to 50 lbs.) without assistance. The employee is regularly required to use hands to finger, handle, feel or operate objects, tools or controls and reach with hands and arms.

The duties listed above are intended as illustrations of the types of work that may be performed. The omission of specific job duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.

The job description does not constitute an employment contract and is subject to change as the needs of the City and requirements of the job change.

Regular and consistent attendance is a condition of continuing employment.

The City of Starkville, is an EQUAL EMPLOYMENT OPPORTUNITY/AFFIRMATIVE ACTION employer. Candidates are considered for employment with the City, without regard to their race, color, religion, national origin, age, sex, gender, pregnancy, disability, sexual orientation, gender identity, genetic information, military status, protected veteran status or other classification protected by applicable federal, state or local law.

A drug screen is required for this position.



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT.: Mayor's Business
AGENDA DATE: September 15, 2020
PAGE: Page 1 of 4

SUBJECT:

Consideration of FP 20-04 request for final plat approval for "Hospital Park Revised" located at 403 Hospital Road in a S-M zoning district.

SUMMARY:

The applicant Mark Castleberry is requesting Final Plat approval for a minor subdivision. The two lots are located at the southeast corner of Brandon Road and Hospital Road. Proposed "New Lot 1" is addressed as 403 Hospital Road with the parcel #118J-00-033.00. Proposed "New Lot 3" has the parcel #118J-00-032.00. The proposed subdivision is named "Hospital Park Revised". The total land acreage is +/- 0.46-acres for the two lots and is in a Special-Medical (S-M) zoning district. Proposed "New Lot 1" is shown as having an acreage of +/- 0.23 and "New Lot 3" is shown as having an acreage of +/- 0.23. This subdivision is part of a corrective action to aggregate the existing parking for 403 Hospital Road on to the same lot as the existing structure (attachment 3). The Development Review Committee reviewed the Final Plat on September 3, 2020 and determined the final plat to be acceptable.

REQUESTING

DEPARTMENT: Mayor's Business

DIRECTOR'S

AUTHORIZATION: Mayor Lynn Spruill

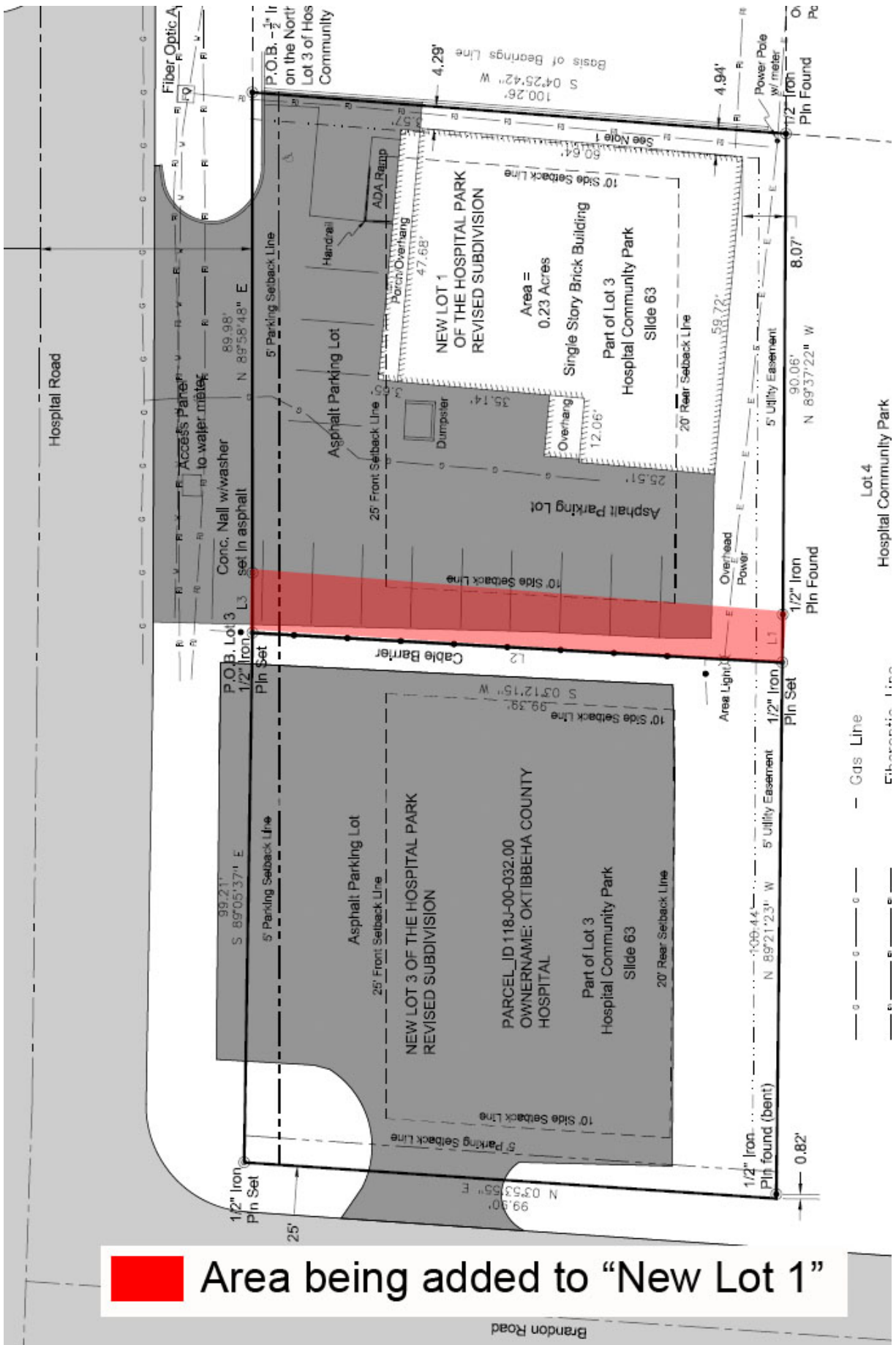
FOR MORE INFORMATION CONTACT:

Daniel Havelin @ 662-323-2525 ext 3136

SUGGESTED MOTION:

Move approval of FP 20-04 a request for Final Plat approval for "Hospital Park Revised".

Area being added to "New Lot 1"





**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT.:
AGENDA DATE: September 15, 2020
PAGE: 1 of 2

SUBJECT: Request approval to name Lesa Hardin the Certifying Official and Joanna McLaurin the Applicant Agent for Federal Disaster- FEMA-4528 COVID-DR-MS for the City of Starkville.

AMOUNT & SOURCE OF FUNDING

FISCAL NOTE:

**REQUESTING
DEPARTMENT:** City Clerk's Office

**DIRECTOR'S
AUTHORIZATION:** Lesa Hardin

FOR MORE INFORMATION CONTACT: Lesa Hardin, City Clerk/CFO
Or Joanna McLaurin, Deputy Clerk/Grants Coordinator

SUGGESTED MOTION:

Move to approve to name Lesa Hardin the Certifying Official and Joanna McLaurin the Applicant Agent for Federal Disaster FEMA-4528 COVID-DR-MS for the City of Starkville.



Joanna McLaurin <j.mclaurin@cityofstarkville.org>

FEMA-4528(COVID)-Applicant Documents

Dorothy Braley <dbraley@mema.ms.gov>

To: "j.mclaurin@cityofstarkville.org" <j.mclaurin@cityofstarkville.org>

Cc: "l.hardin@cityofstarkville.org" <l.hardin@cityofstarkville.org>

Fri, Sep 11, 2020 at 2:34 PM

Good Afternoon Ms. McLaurin,

(Applicant City of Starkville)

*** I HAVE received and processed the forms that you sent for FEMA Grant 4470, but we will need another set on file for the COVID grant.***

MEMA is reviewing your project(s) in order to process Federal share funding. **(4528 COVID)**. However the attached documents must be completed, returned and processed in order for any funding to occur.

As you were listed on the Request for Public Assistance (RPA) I am requesting your assistance in getting these documents processed. The attached documents must be completed and returned to MEMA to process any funding. The PA-1 or Designation of Applicant Agent is to be completed by the governing authority to designate a Primary Applicant Agent to work with MEMA. The Certifying Official can be a clerk, board member, or anyone that assists with or receives applicant paperwork. Also, the State & Local Agreement form is to be signed by the Certifying/ Appointing Official as well as the Applicant Agent, (the same 2 people that sign the PA-1 form). Please note the person designated as the Applicant Agent cannot sign as the Certifying/ Appointing Official.

Please have these documents completed and returned to MEMA along with the governing boards certified meeting minutes or resolution appointing the Applicant Agent. The minutes **MUST INCLUDE** the disaster number they apply to. Additionally the Federal Funding Accountability and Transparency Act Report Form (FFATA) is required to be completed and returned as well. Once these documents are returned & processed, the Mississippi Public Assistance website <https://mississippipa.org> will be updated and accessible to the Applicant Agent.

By law, until these documents are completed and entered into the Mississippi PA Website, funding cannot be processed. If you have any questions concerning these documents please let me know.

Completed forms can be scanned and emailed back to me directly at dbraley@mema.ms.gov.

Thank You,

Dorothy M. Braley

Administrative Assistant Recovery

Mississippi Emergency Management Agency

dbraley@mema.ms.gov



**CITY OF STARKVILLE
RECOMMENDATION FOR BOARD ACTION**

**AGENDA ITEM DEPT:
AGENDA DATE: 9-15-20
PAGE: 1**

SUBJECT:

Consideration of calling for the first public hearing for an Ordinance of the City of Starkville, Mississippi granting a non-exclusive franchise to Campus Communications Group, Inc., to lay, construct, maintain, replace, repair, and operate fiber optic cable and appurtenant telecommunications facilities in, under, over, and across and along all streets, avenues, alleys, highways, roads, bridges, viaducts and public places in the City of Starkville, Mississippi

**REQUESTING
DEPARTMENTS:**

FOR MORE INFORMATION CONTACT: City Attorney Chris Latimer

SUGGESTED MOTION:

**AN ORDINANCE OF THE CITY OF STARKVILLE, MISSISSIPPI
GRANTING A NON-EXCLUSIVE FRANCHISE
TO CAMPUS COMMUNICATIONS GROUP, INC.
TO LAY, CONSTRUCT, MAINTAIN, REPLACE, REPAIR, AND OPERATE FIBER
OPTIC CABLE
AND APPURTENANT TELECOMMUNICATIONS FACILITIES
IN, UNDER, OVER, AND ACROSS AND ALONG ALL STREETS, AVENUES, ALLEYS
HIGHWAYS, ROADS, BRIDGES, VIADUCTS AND PUBLIC PLACES
IN THE CITY OF STARKVILLE, MISSISSIPPI**

WHEREAS, Campus Communications Group, Inc. (“Campus Communications” or “Franchisee”) is a Delaware corporation, incorporated or organized, among other things for the purpose of constructing telephone lines and furnishing intrastate telecommunications services. Campus Communications obtained a certificate of public convenience and necessity to provide such telecommunications services in Mississippi on July 7, 2015, in Mississippi Public Service Commission Docket No. 2015-UA-027, and

WHEREAS, Campus Communications is in the process of constructing certain telecommunications facilities as authorized by the Mississippi Public Service Commission in Docket No. 2015-UA-027. A portion of these facilities will be located within the city limits of Starkville, Mississippi, and

WHEREAS, Section 77-9-711 of the Mississippi Code of 1972, as amended, grants companies such as Campus Communications the authority to construct telecommunications facilities along and across public highways and streets, but not in a manner so as to be dangerous to persons or property or to unreasonably interfere with the common use of such highways and streets, and

WHEREAS, Section 77-9-713 of the Mississippi Code of 1972, as amended, authorizes the City of Starkville, Mississippi the authority to regulate the manner in which such facilities shall be constructed and maintained along and within the rights-of-way of the municipality’s streets, and

WHEREAS, the City of Starkville, Mississippi does hereby find and adjudicate that the incorporated proposal of Campus Communications for the operation of a telecommunications facility in Starkville, Mississippi is in the best interest of the citizens of the City of Starkville, Mississippi and that the following franchise agreement is reasonable and in the best interests of the City of Starkville, Mississippi. The City of Starkville, Mississippi is authorized under the provisions of Sections 21-27-1, 21-13-3, and 77-9-713 of the Mississippi Code of 1972, as amended, to grant the franchise and the ordinance should be adopted.

**THEREFORE BE IT ORDAINED BY THE MAYOR AND BOARD OF ALDERMEN OF
THE CITY OF STARKVILLE, MISSISSIPPI AS FOLLOWS:**

TELECOMMUNICATIONS SERVICES FRANCHISE AGREEMENT

THIS TELECOMMUNICATIONS SERVICES FRANCHISE AGREEMENT

("Agreement") is entered into this _____, 2020, by and between the **MAYOR AND BOARD OF ALDERMEN OF STARKVILLE, MISSISSIPPI**, a municipal corporation, whose address is 110 W. Main St., Starkville, MS 39759 (hereinafter referred to as the "City") and **CAMPUS COMMUNICATIONS GROUP, INC.** a foreign corporation registered to do business in the State of Mississippi, whose corporate address is 206 N. Randolph St., Suite 200, Champaign, Illinois 61820 and whose mailing address is P.O. Box 25, Champaign, Illinois, 61824 (hereinafter referred to as "Campus Communications")

WHEREAS Section 77-9-713 of the Mississippi Code of 1972 grants municipal corporations the power to grant franchises to or make contracts with public utilities for the use and occupancy of the City's public rights of way, for the purpose of rendering utility services, upon such conditions and for such time as the governing authority of the municipal corporation may deem wise and subject to the Constitution and the general laws of this state;

WHEREAS Section 253 of the Communications Act of 1934, as amended ("Act"), prohibits state and local governments from imposing barriers to local competition, but permits such entities to grant franchises, with access to rights-of-way, to new carriers, such as Campus Communications, in a competitively neutral manner and in "rough parity" to those granted to other carriers, including incumbent local exchange carriers as that term is defined in the Act;

WHEREAS Campus Communications desires to use certain parts of the City's public rights of way to install, maintain and use conduits containing fiber optic cable, and vaults containing splice cases for the purpose of providing telecommunications and related services within the City;

WHEREAS the City and Campus Communications have negotiated terms under which Campus Communications shall install, construct and maintain the System under the terms and conditions of a Telecommunications Services Franchise;

NOW THEREFORE, in the consideration of the mutual covenants herein contained and other good and valuable consideration receipt of which is acknowledged, it is agreed by the parties as follows:

Section 1. Grant of Non-Exclusive Franchise; Location. A non-exclusive franchise is hereby granted to Campus Communications, (hereinafter referred to as “Franchisee”), subject to the City’s receipt of monetary compensation to install, maintain and use conduits containing fiber optic cable, and vaults containing splice cases for the purpose of transmitting telecommunications above, within and under certain rights-of-way more particularly identified in the Franchisee’s Utility Excavation Permit Application, which is attached as Exhibit A (hereinafter referred to as the “System”). The City and Franchisee acknowledge and agree that the System that the Franchisee is building is an ever-evolving project. The Franchisee may, from time-to-time, modify the System upon City’s approval of a written amendment to this Franchise agreement, including a revised Exhibit “A”.

Section 2. Term of Agreement. Subject to the conditions herein stated, the above-described uses of the public right of way shall exist by authority herein granted for a period of five (5) years from and after the date of approval of the Agreement by the City. At the end of the initial five (5) year period, this Agreement automatically renews for an additional five (5) years. This automatic renewal will cease if either party provides the other with ninety (90) days’ notice prior to the end of the then existing term.

Section 3. Location; Compliance with Plans and Ordinances. The specific location of said privileges granted by this Franchise agreement shall be as shown on Exhibit “A” and shall be constructed and installed in accordance with plans and specifications previously approved by the City Engineer (hereafter “Plans”), which by reference are made a part of the Agreement. Said System shall be installed, maintained and used in accordance with the ordinances of the City of Starkville, as well as state and federal law and regulations, and the directions from time to time given by the City Engineer to the extent consistent with such ordinances, laws and regulations. The rights granted to the Franchisee by the City are and shall be at all times subordinate to the City’s use of the public ways. The Franchisee shall be subject to all ordinances of general applicability of the City and such other laws and regulations of governmental bodies with regulatory authority over the Franchisee or the right-of-way.

Section 4. Franchise Fee; Conditions.

(a) As consideration for this franchise, which provides for the rental and use by the Franchisee of certain rights of way within the boundaries of the City, which are valuable public properties acquired and maintained by the City at great expense to its taxpayers and citizens, and

that the grant to Franchisee of the use of said rights of way is a valuable property right without which Franchisee would be required to invest substantial capital in right of way costs and acquisitions, as compensation for the rights and privileges conferred herein, the Franchisee shall pay to the City a sum of money an amount equal to five percent (5%) of the gross revenue from recurring regulated local services, as defined herein, collected by the Franchisee.

(b) Commencing the month following the date this franchise becomes effective, the franchise fee shall be paid quarterly on the last day of April, July, October, and January; such fee shall be for the revenues received by the Franchisee for the preceding quarter. The Franchisee shall furnish to the City with each payment of compensation required by this section a written statement, showing the amount of gross revenue of the Franchisee generated by the System for the period covered by the payment.

(c) On or before the first (1st) day of February of each succeeding year, the Franchisee shall submit to the City a statement of the franchise fee actually due to the City based upon the actual gross revenue for the previous calendar year, together with a check for the amount due from the Franchisee or a statement of any amount due from the City.

(d) In the event that the franchise fee set forth in this Franchise Agreement is declared illegal, unconstitutional or void for any reason by any court or proper authority, the Parties hereto agree to negotiate, in good faith, a franchise fee that is legal, constitutional and valid.

(e) Acceptance by the City of any payment due under this section shall not be deemed to be a waiver by the City of any breach of this franchise occurring prior thereto, nor shall the acceptance by the City of any such payments preclude the City from later establishing that a larger amount was actually due, or from collecting any balance due to the City.

(f) As used in this section, gross revenue shall mean all revenues (exclusive of sales taxes, if any) collected by Franchisee from operation of Franchisee's System to provide regulated recurring local services, provided by the Franchisee within the corporate limits of the City. It is the intent of the Parties herein that gross revenues from regulated, recurring services shall include all revenues except those expressly excluded by state or federal law.

(g) Payment of money under this section shall in no way limit or inhibit any of the privileges or rights of the City, whether under this franchise or otherwise. Except as provided elsewhere in the franchise, all payments made by the franchisee to the City pursuant to this franchise shall be made to the City Clerk. Franchisee shall file annually with the City Clerk, no

later than one hundred twenty days (120) days after the end of Franchisee's fiscal year, a statement of revenues from regulated recurring local services for the year attributable to the operations of the Franchisee's System as provided in Section 5(b) of this Franchise Agreement.

(h) Any transactions which have the effect of circumventing payment of required franchise fees and/or evasion of payment of franchise fees by non-collection or non-reporting of gross receipts, bartering, or any other means which evade actual collection of revenues by Franchisee are prohibited and may constitute a default of this agreement.

(i) If as a result of an audit or any other review (at the City's sole expense), the City determines that the Franchisee has underpaid its fees by ten percent (10%) or more for any twelve (12) month period, then in addition to making full payment of the relevant obligation, the Franchisee shall reimburse the City for all of the reasonable costs associated with the audit or review, including all reasonable out of pocket costs for attorneys, accountants, and other consultants. The City may collect the costs associated with such audit or review either through the drawdown of the security required in Section 12 of this Franchise Agreement, or through other means as allowed by law.

(j) If as a result of an audit or other review, the City determines that the Franchisee has underpaid its fees for any twelve (12) month period, the Franchisee shall pay interest on such underpayment at the rate of ten percent (10%) or prime plus two percent (2%), whichever is greater. The underpayment and interest thereon may be collected by the City through the drawdown of the security required in Section 12 of this Franchise Agreement, or through other means allowed by law.

Section 5. Accounts and Other Records and Reports and Investigations

(a) Franchisee shall keep complete and accurate books of account and records of its business and operation of the System pursuant to this franchise agreement in accordance with generally accepted accounting principles.

(b) Franchisee shall provide the City with access at reasonable times and for reasonable purposes, to examine, audit, review, and/or obtain copies of the papers, books, accounts, documents, maps, plans, and other records pertaining to this franchise.

Section 6. Nature of Franchise Fee Payments

The City and Franchisee agree that the compensation paid and other payments to be made pursuant to this franchise are not a tax and are not in the nature of a tax, but are in addition to any

and all taxes of general applicability or other fees or charges which the Franchisee shall be required to pay to the City or to any other governmental authority; and the Franchisee shall not have or make any claim for any deduction or other credit or all or any part of the amount of compensation or other payments made pursuant to this franchise or from or against any taxes of general applicability or fees or damages which the Franchisee is required to pay.

Section 7. Non-Assignment.

(a) The rights granted by this franchise or any interest therein shall not be assigned or transferred to any other entity without the express written consent of the Mayor and Board of Aldermen. A written copy of any such proposed assignment must be filed with the City. Any required consent is to be evidenced by an ordinance or resolution of the Board of Aldermen that fully recites the terms and conditions, if any, upon which consent is given. No sale or transfer of this agreement, as allowed hereunder, shall be effective unless and until the assignee has filed in the office of the City Clerk an instrument, duly executed, reciting the fact of such sale or assignment, accepting the terms of this Agreement and agreeing to perform all the conditions thereof, and the City has approved said assignment, which approval shall not be unreasonably withheld. The City shall take action on such request for approval of transfer within sixty (60) days of filing of all information required by this section. This section shall not apply in connection with execution of secured financing agreements made by the Franchisee. In making a determination of whether to allow an assignment, the City may consider the following factors:

- i. Experience of the proposed assignee or transferee (including conducting an investigation of proposed transferee's or assignee's service record in other communities);
- ii. Qualifications of the proposed assignee or transferee;
- iii. Legal integrity of the proposed assignee or transferee;
- iv. Financial ability and stability of the proposed assignee or transferee;
- v. If requested by the City, submittals from the proposed assignee or transferee, regarding changes, if any, it intends to make in the operation and maintenance of the System;
- vi. The corporate connection, if any, between the franchisee, and proposed assignee or transferee and/or between the franchisee and any holder of a like franchise within the City;

v. Any other aspect of the proposed assignee's or transferee's background which could affect the health, safety, and welfare of the citizenry of the City as it relates to the operation of the System;

vii. Effect of the proposed action on competition.

(b) A copy of the completed sales and transfer agreement, or a functionally equivalent instrument between the Franchisee and the proposed Franchisee, shall be provided to the City Attorney for his review, so that the City may discover the assumption of obligations by the Franchisee and proposed Franchisee with respect to the System.

(c) After receipt of the petition for proposed transfer or assignment, the Board of Aldermen may, as it deems necessary or appropriate, schedule a public hearing on the petition. Further, the Board of Aldermen may review Franchisee's performance under the terms and conditions of this franchise. The Franchisee shall provide all requested assistance to the Board of Aldermen in connection with any such inquiry and, as appropriate, shall secure the cooperation and assistance of all persons involved in said action.

(d) Should the Franchise sell, assign, transfer, convey or otherwise dispose of any of its rights or interests under this franchise or attempt to do so in violation of this requirement to obtain prior consent from the City, the City may revoke this franchise for default and the purported sale, transfer, assignment or conveyance of the franchise shall be null and void..

(e) Franchisee will not lease any maintenance, support or other repair of its System pursuant to this franchise to any other unrelated company, which does not have a franchise agreement with the City. Franchisee, however, shall be allowed to lease the circuit transported by the fiber, absent abdicating their responsibilities hereunder to support, repair and otherwise maintain the System, to those not required by law to obtain a Franchise Agreement. Franchisee shall send notification to the City of any company which has requested Franchisee to provide such services and for which it is to enter a lease agreement in order for the City to contact said company to determine whether said company needs to enter a franchise with the City. If Franchisee does lease any part of its System other than the circuit transported to any unrelated company without the lessee obtaining a franchise as required by the City, the City may revoke this franchise for default.

(f) Acceptance of payment from an entity or person other than the Franchisee shall not constitute a waiver of this non-assignment provision.

Section 8. Installation and Maintenance; Obligation to Mark.

(a) The System hereafter installed, maintained and used shall be so placed and all work in connection with such installation, maintenance, and use shall be so performed as not to interfere with ordinary travel on the right-of-way of the City unless specifically authorized by the City Engineer, or with any water, gas or sewer pipes or other utility conduits or cable television conduits or wires then in place, or hereafter placed. Franchisee, after doing any excavating, shall leave the surface of the ground in the same condition as existed prior to such excavation, except as provided in the Plans. All sidewalks, parkways or pavements, including driveway alley approaches, disturbed by said Franchisee shall be restored by it, and the surface to be restored shall be with the same type of material as that existing prior to its being disturbed unless otherwise specified by the City Engineer. In the event that any right-of-way, real property, or fixed improvement thereon shall become uneven, unsettled, damaged, or otherwise require restoration, repair or replacement solely because of such disturbance or damage by the Franchisee, then the Franchisee shall promptly, but in no event longer than fourteen (14) days after receipt of notice from the City or the property owner, and at the Franchisee's sole cost and expense, restore as nearly as practicable to their former condition said property or improvement which was disturbed or damaged. In connection with the installation, maintenance, and use of the System, Franchisee shall be courteous and conscientious to adjoining private property owners and take steps to avoid damage, disruption, and intrusion to private property.

(b) Should adverse weather conditions cause a delay in completing the work, the Franchisee shall promptly notify the City or the property owner immediately upon onset of the delay. Thereafter, the City Engineer may, in the Engineer's sole discretion, extend such time for work completion to a date certain. The date extension shall take into account the weather conditions and other factors affecting the work. The Franchisee shall complete the work on or before the date certain. Any such restoration of the City's right-of-way by the Franchisee shall be made in accordance with such materials and specifications as may, from time to time, be then provided for by ordinance or regulations of the City and to the satisfaction of the City Engineer. The Franchisee shall notify the City when the work is completed. If the Franchisee fails to restore the property in accordance with the above, then the City may, if it so desires, contract with a third party for such restoration or utilize its own work forces, to restore such property.

The Franchisee shall pay the reasonable cost incurred by the City for such restoration with twenty-one (21) days after the receipt of a written bill for such cost.

- (c) The City shall have no obligation to mark the location of Franchisee's facilities.

Section 9. Repeal. Relocation. Removal.

(a) Repeal. The permission and authority herein granted may be revoked by the City if the Franchisee fails or neglects to comply with the material conditions of this Franchise Agreement, but only after being given a reasonable amount of time to cure any defaults.

(b) Relocation of System. Upon the determination by the Board of Aldermen for good cause shown that it is necessary to relocate said System or any part thereof, the Franchisee shall relocate the System and shall bear the sole expense of relocation.

(c) Removal upon Termination. Upon termination of the privileges herein granted, by lapse of time or otherwise, the Franchisee without cost or expense to the City, shall remove the System herein authorized and restore the public way to as good a condition as existed prior to such installation and to the reasonable satisfaction of the City Engineer; provided however, that, with the agreement of the City Engineer, which shall not be unreasonably withheld, the Franchisee may abandon buried or underground facilities in place, such that title to these facilities shall pass to the City, and Franchisee shall have no claim to such facilities or any proceeds from their disposal. In the event of the failure, neglect or refusal of said Franchisee to remove any aerial portions of the System within six (6) months of such termination, the City may, if it so desires, exercise the right to perform said work and charge the cost thereof to said Franchisee or contract with another to perform said work and bill the Franchisee for the cost of said contract. The cost incurred by the City in such System removal shall be promptly paid by the Franchisee within sixty (60) days after receipt of a written bill for costs, or the City may proceed against the surety bond of the Franchisee or pursue any other remedies provided by law.

Section 10. Insurance. On or before the effective date of this Agreement, Franchisee shall file with the City a certificate of insurance designating it as an additional insured and thereafter continually maintain in full force and effect at all times for the term of the franchise, at the expense of the Franchisee, a comprehensive general liability insurance policy, including underground property damage coverage, written by a company authorized to do business in the State of Mississippi with a rates of at least a B+, and acceptable to the City, protecting the City

against liability for loss of bodily injury and property damage occasioned by the installation, maintenance and use of the System by the Franchisee in the following minimum amounts:

- (1) One Million Dollars (\$1,000,000.00) combined single limit, bodily injury and for real property damage in any one occurrence;
- (2) Two Million Dollars (\$2,000,000.00) aggregate.
- (3) Workers Compensation and Employer's Liability - Statutory \$100,000 / 500,000/ 100,000

The City reserves the right to review these insurance requirements during the effective period of the Agreement and any extension or renewal thereof, and to adjust insurance coverage and their limits when deemed necessary and prudent, based upon changes in statutory law, court decisions or the claims history of the industry or Campus Communications.

Section 11. Permits: The permission and authority herein granted shall not be exercised and no work to the System shall be done until any City permit that is required by the nature of the work to be performed by the Franchisee shall have been issued by the City official authorized to issue such permit(s). Such permit(s) shall be subject to revocation for violation of any part of this Agreement or violation of any of the ordinances or regulations of the City. The Franchisee shall pay such lawful fees as may, from time to time, be established by any ordinance of general application of the City for any and all permits as may be required, provided, however, that if the Franchisee fails or neglects to obtain any such required permits, the Franchisee shall pay to the City double such permit fees unless the City unreasonably refuses to issue such permit or permits.

Section 12. Performance Security.

(a) Within sixty (60) days of execution of this Agreement, the Franchisee shall provide to the City a performance Surety bond in a form acceptable to the City's Attorney, for the sum of Twenty Thousand Dollars (\$20,000.00). The performance Surety bond shall guarantee the faithful performance of all terms of this Agreement. The Surety Bond shall be available to the City to satisfy all claims, liens and/or fees due the City from the Franchisee which arise by reason of work by the Franchisee, to satisfy any actual damages arising out of a breach of this Agreement, and to satisfy any assessments or payments due under this Agreement.

(b) If the letter of credit is drawn upon by the City in accordance with the procedures in this agreement, the Franchisee shall cause the letter of credit to be reissued in the full amount

required no later than the later of thirty (30) days after the last withdrawal or the January 1st following each withdrawal by the City. Unless otherwise agreed to by the parties, failure to reissue the letter of credit shall be deemed a material breach of this Agreement, unless the Franchisee has initiated legal action, in which the Franchisee alleges and the court or agency finds that the City's withdrawal of money from the letter of credit was improper.

Section 13. Indemnification.

(a) The Franchisee shall hold and save the City, its officers, agents and employees (collectively referred to within this Section as "City"), harmless from any and all liability and expense, including but not limited to judgments, costs and damages, and attorney's fees arising out of the existence, installation, removal, relocation, alteration, repair, maintenance, restoration and any other aspect of the System herein referred to; and also hold the City harmless from any and all damages to the System or persons or entities on account of the location, construction, alteration, repair or maintenance of any public street, sidewalk, right-of-way, bridge, underpass, subway, tunnel, vault, sewer, water main, conduit, pipe, pole and all aspects of any other utility or public facility.

(c) The Franchisee shall indemnify and hold the City harmless from any and all damages and claims arising out of damage to the System or persons or entities caused in whole or in part by the City, its officers, employees and agents or by any other person(s), whether or not they have a permit from the City and whether or not they are associated with the City in any direct or indirect manner.

(d) Franchisee waives all claims, except for gross negligence or willful or wanton conduct by the City, its officers, employees and agents, against the City, whether arising directly, by subrogation, assignment or otherwise, for any and all damages, direct or indirect, resulting from damage to the System structures or persons or entities done, in whole or in part, by the City or by any other person(s) whether or not they have a permit from the City and whether or not they are associated with the City in any direct or indirect manner. As part of this provision, the Franchisee shall, at its own expense, defend all suits and does agree to indemnify and save harmless the City from and against any and all claims and liabilities of whatever nature arising from the granting of authority herein to the Franchisee or imposed upon or assumed by it, or by reason of or in connection with any damage to life, limb or property as a result of any of the installed System constructed under or by virtue of this Agreement, and shall save and keep

harmless the City from any and all damages, judgments, costs and expenses of every kind, that may arise by reason therefore.

(e) Notice in writing shall be promptly given to the Franchisee of any claim or suit against the City which, by the terms hereof, the Franchisee shall be obligated to defend, or against which the Franchisee has hereby agreed to save and keep harmless the City. The City shall furnish to the Franchisee all information in its possession relating to said claim or suit, and cooperate with said Franchisee in the defense of any said claim or suit. The Franchisee agrees to provide notice in writing to the City Attorney of the City of any claim or suit against the Franchisee and/or its officers or employees which may directly affect the System or directly or indirectly affect this Agreement or the property referred to herein, whether or not the City has been made a defendant or respondent to the legal action. The City may, if it so desires, assist in defending any such claim or suit. The Franchisee further agrees that it will pay the costs incurred by the City for the necessary defense of any suit against the City resulting from this Agreement other than disputes between the City and Franchisee arising from this Agreement or where indemnification would not be required under the terms of this Agreement. The Franchisee will not rely upon governmental immunity afforded to the City. The indemnification and waiver provided in this Section shall be enforceable solely by the City and shall not operate as an indemnification or waiver as to any third party.

Section 14. E-Verify Compliance. Franchisee agrees to furnish to the City documentation showing compliance with the federal E-Verify program, including but not limited the Franchisee's E-Verify registration number.

Section 15. Renewal.

(a) The parties, beyond terms as noted in §2, shall have the option to renew this franchise on such terms and conditions as shall be mutually agreeable, provided that Franchisee shall have performed according to the terms of this Franchise Agreement. New terms and conditions may be required by the City for renewal if the technology and/or rights of ways laws change after the date of this Franchise Agreement that cause substantial effects on service types, availability, character of service, system technology or the regulatory environment. New terms, provisions, or conditions may also be required by the City upon renewal which are applicable generally to other franchisees for similar services or applicable generally to the industry to clarify the intent of this franchise, which may arise from any unforeseen circumstances or

interpretations of this franchise, and/or which may be based on the history of performance of the Franchisee.

(b) Any request for authority for the continued maintenance and use of the public ways as herein described after this Agreement expires or is otherwise terminated in any manner must be specifically obtained from the Board of Aldermen.

(c) In the event the Franchisee continues to operate all or any part of the System after the terms of this Franchise Agreement expire or are terminated, and before any renewal of the franchise by the City, then the Franchisee shall continue to comply with all applicable provisions of this franchise, including, without limitation, all compensation and other payment provisions of this franchise, throughout the period of such continued operation, provided that any such continued operation shall in no way be construed as a renewal or other extension of this franchise.

Section 16. Termination. This Agreement may be terminated by the City, if after at least sixty (60) days' written notice to the Franchisee, the Franchisee fails to remedy an alleged breach of the Agreement specified in such notice. If the alleged breach is incapable of being remedied within said sixty (60) days, this Agreement may be terminated unless the Franchisee has taken substantial steps to remedy the alleged breach within said sixty (60) days and notified the City of such steps.

Section 17. Agreement to Reopen Negotiations. The City and the Franchisee agree that the services provided pursuant to this franchise are in an area of law undergoing significant review by state and federal authorities and that there is a real possibility that some of the terms of this franchise may be preempted by state or federal law during the term of this franchise. In the event the terms of this Franchise Agreement must be renegotiated in order to comply with newly enacted federal or state law, such negotiation shall occur within a reasonable time after any request for renegotiation is issued by either the City or the Franchisee, or at any such time as it becomes apparent that a portion of this franchise has been preempted by state or federal law. If the parties are unable to renegotiate the terms of the agreement, then parties shall proceed to Dispute Resolution as provided in Section 21 of this agreement prior to pursuing any other available legal or equitable remedy, including litigation, arbitration or other dispute resolution procedures, unless otherwise required or directed by the FCC or PSC.

Section 18. Effective Date. This Agreement shall be in full force and effect upon execution by the parties hereto.

Section 19. Information for Maps and GIS. The City and the Franchisee agree to cooperate with each other in reasonably providing and making available, without cost to the other, such data and information with respect to the location of facilities of the Franchisee and the location of the public improvements of the City in the public ways as may be reasonably required by the other. The Franchisee shall contribute information concerning all of its facilities in the City to the City's GIS Department at no cost in the standard format required by that Department.

Section 20. Interpretation. The Parties have each read and fully understand the terms of this Agreement, and they have had the opportunity to have this Agreement reviewed by legal counsel.

Section 21. Dispute Resolution.

(a) If the Parties cannot cooperatively resolve any issue that may arise between the Parties concerning this Agreement in a timely manner, the Parties agree to attempt to resolve the dispute, claim or controversy arising out of or relating to this Agreement by non-binding mediation before a neutral third party agreed upon by the Parties. If the Parties cannot agree upon a neutral third party then each Party shall select a neutral third party and those two neutral third parties shall confer and select a third neutral third party to conduct the non-binding mediation. The Parties further agree that their respective good faith participation in mediation is a condition precedent to pursuing any other available legal or equitable remedy, including litigation, arbitration or other dispute resolution procedures. Such mediation shall be governed by the Act, FCC regulations, Mississippi Code and PSC regulations, as appropriate.

(b) Either Party may commence the mediation process by providing to the other Party written notice, setting forth the subject of the dispute, claim or controversy in addition to the relief requested. Within ten (10) days after the receipt of the foregoing notice, the other Party shall deliver a written response to the initiating Party's notice. The initial mediation session shall be held within thirty (30) days after the initial notice. The Parties agree to share equally the costs and expenses of the mediation (which shall not include the expenses incurred by each Party for its own legal representation in connection with the mediation).

(c) The Parties further acknowledge and agree that mediation proceedings are settlement negotiations, and that, to the extent allowed by applicable law, all offers, promises, conduct and statements, whether oral or written, made in the course of the mediation by any of the Parties or their agents shall be confidential and inadmissible in any litigation, arbitration or other legal proceeding involving the Parties; provided, however, that evidence which is otherwise admissible or discoverable shall not be rendered inadmissible or non-discoverable as a result of its use in the mediation.

(d) The provisions of this section may be enforced by any Court of competent jurisdiction, and the Party seeking enforcement shall be entitled to an award of all costs, fees and expenses, including reasonable attorneys' fees, to be paid by the Party against whom enforcement is ordered.

Section 22. Burden of Proof. In any disagreement upon the terms and conditions of this franchise, the Franchisee shall bear the burden of demonstrating its compliance with each term and condition of this franchise for all purposes.

Section 23. Mississippi Law Governs. In any controversy or dispute under this franchise, the laws and jurisdiction of the State of Mississippi (or as applicable, the Act and FCC regulations) shall apply to the extent such law has not been superseded or preempted.

Section 24. Forum Selection Clause. In any dispute arising under or in connection with the agreement or related to any matter which is the subject of the agreement shall be subject to the exclusive jurisdiction of the Circuit Court of Oktibbeha County, Mississippi and/or the United States District Courts in the Northern District of Mississippi, Aberdeen Division.

Section 25. Notice. Any notice required or permitted under this franchise shall be deemed given if sent by registered or certified mail, return receipt requested, postage prepaid, and addressed as follows:

To the City: Mayor of City of Starkville, 110 W. Main St.,
Starkville, MS 39759

To the Franchisee: Campus Communications Group, Inc.
Legal/Contracts Department
601 N. Country Fair Dr.
Champaign, IL 61821

Section 26. Entire Agreement. This franchise, with its exhibits, comprises the entire agreement between the City and the Franchisee for purposes of this franchise.

Section 27. No Coercion. The Franchisee enters into this franchise willingly and without coercion, undue influence or duress. The Franchisee has reviewed each and every obligation, term and condition of this franchise and hereby certifies that none of the obligations, terms or conditions imposed upon it by this franchise is commercially impracticable.

Section 28. Severability. Should any part, term, or provision of this franchise be held invalid or unenforceable by any court of competent jurisdiction, such part, term, or provision shall be deemed a separate, distinct and independent provision and such holding shall not invalidate or render unenforceable any other provision of this franchise.

D. Lynn Spruill, Mayor
Starkville, MS

ATTEST

Lesa Hardin, City Clerk of
Starkville, MS

APPROVED AS TO FORM:

Chris Latimer, Starkville City Attorney

CAMPUS COMMUNICATIONS GROUP, INC.

Mark A. Scifres, President
of Campus Communications Group, Inc.

APPROVED AS TO FORM:

Jason Danowsky, Attorney for
Campus Communications Group, Inc.

Alderman _____ moved the adoption of the ordinance in its entirety, which motion was seconded by Alderman _____. The motion to adopt was passed by roll call vote as follows:

Alderman _____	voted: _____
Alderman _____	voted: _____
Alderman _____	voted: _____
Alderman _____	voted: _____
Alderman _____	voted: _____
Alderman _____	voted: _____
Alderman _____	voted: _____

The Mayor then declared the ordinance adopted this the ____ day of _____, 2020.

_____- MAYOR

ATTEST:

_____, CITY CLERK

Exhibit “A”
Location of Facilities



Section 1

Starkville, MS

N

E

S

W

Miles

00.2

WGS 1984 Web Mercator Auxiliary Sphere

C

Vault, Concrete, 14

Vault, Concrete, 30

S

Splice Vault, Concrete, 30

Proposed

Section, Not Live

Standard depth: 24"

All utility crossings are potholed to locate depth of utility.

601 N. Country Fair Dr.

Champaign, IL 61821

217-531-9037

www.campuscommunicationsgroup.com

Date Printed: 6/11/2020

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT: Human Resource
AGENDA DATE: September 15, 2020
Page: 1

SUBJECT:

Consideration of the proposal for Employee Medical, Dental and Vision Benefit Plans and Administrative Service Contract with Blue Cross Blue Shield(McGriff) for January 1, 2021 through December 31, 2021.

AMOUNT & SOURCE OF FUNDING:

Premiums are included in amounts budgeted for employee health insurance and are distributed ratably among all city departments based on numbers of employees.

AUTHORIZATION HISTORY:

McGriff Insurance Services presented a plan designs to the Board of Alderman for renewal of our employee medical, dental, and vision benefit plans. McGriff presented figures for our third party administrator for the self insurance, Blue Cross Blue Shield, which still included a base plan coverage with a higher deductible and a buy up plan that included a premium coverage. There are no changes to the dental and vision plans.

There is a change with retirees. Please see the proposed Retiree Coverage Amended Language document.

It is necessary for these plans to be approved, so we can move forward with Open Enrollment. Open enrollment is tentatively scheduled for the month of October.

REQUESTING DEPARTMENT:

Board of Alderman

DIRECTOR'S AUTHORIZATION:

Board of Alderman

FOR MORE INFORMATION CONTACT:

Lynn Spruill, Mayor, Sandra Sistrunk, Alderman Ward 2, Navarrete Ashford, Human Resources Director

SUGGESTED MOTION

Move approval of the proposal for Employee Medical, Dental and Vision Benefit Plans and Administrative Service Contract with Blue Cross/Blue Shield for January 1, 2019 through December 31, 2019.

ASSIGNMENT OF REINSURANCE POLICY BENEFITS

This Agreement is made by and between City of Starkville, the Reinsurance Policyholder and Reunion Health Services/Sirius, the Reinsurance Carrier.

Pursuant to the Administrative Services Contract, Blue Cross & Blue Shield of Mississippi has agreed to pay benefit payments due under the Health & Wellness Benefit Plan sponsored by City of Starkville, to include claims over the individual specific stop-loss amount. Blue Cross & Blue Shield of Mississippi has the right to obtain reimbursement directly from City of Starkville for payments made on claims over the individual specific stop-loss amount and not wait for the Reinsurance Carrier to pay benefits under the Reinsurance Policy.

City of Starkville acknowledges and agrees that all benefits due under the terms of the Reinsurance Policy are assigned to Blue Cross & Blue Shield of Mississippi. In situations where Blue Cross & Blue Shield of Mississippi has paid claims over the individual specific stop-loss amount and recovered such claim payments directly from City of Starkville, Reunion Health Services/Sirius will reimburse City of Starkville.

City of Starkville and Reunion Health Services/Sirius agree that any and all provisions directing payment to City of Starkville and/or preventing an assignment of benefits due under the Reinsurance Policy are amended to reflect that benefits will be paid directly to Blue Cross & Blue Shield of Mississippi.

City of Starkville and Reunion Health Services/Sirius agree Blue Cross & Blue Shield of Mississippi is a third party beneficiary of this Assignment.

Group

By: _____

Title: Mayor

Date: _____

Reinsurance Carrier

By: _____

Title: _____

Date: _____

Administrative Services & Reinsurance

☐

New Group

☒

Renewal

1. Effective Date: October 1, 2020
2. Medical Administrative Fee Per Employee Per Month: \$ 33.50
3. Dental Administrative Fee Per Employee Per Month: \$ _____
4. Agent/Broker Commission Per Employee Per Month: \$ 15.00
5. Optional Services: (_____) \$ _____
6. Specific Stop-Loss Reinsurance Carrier (if applicable): Reunion Health Services/Sirius
- A. Specific Stop-Loss Deductible: \$ 125,000
- B. Aggregating Specific Deductible: \$ 65,000
- C. Specific Stop-Loss Rates: Single \$ 35.46
EE+CH \$ 60.22
EE+SP \$ 67.65
Family \$ 100.08
Composite \$ _____
- D. Claims Basis: (Paid, 15/12 etc.) 24/12
- E. Lasered Deductible — Member Name: _____ Member ID: _____ Amount: \$ _____
- F. Lasered Deductible — Member Name: _____ Member ID: _____ Amount: \$ _____
- G. Lasered Deductible — Member Name: _____ Member ID: _____ Amount: \$ _____
7. Aggregate Stop Loss: ☒ Yes ☐ No Aggregate Rate: \$ 2.75 Basis: 24/12
- Aggregate Monthly Factor: Single \$ 476.14
EE+CH \$ 839.42
EE+SP \$ 948.46
Family \$ 1424.60
Annualized Attachment Point: \$ 2,148,334

Group: City of Starkville By: _____

Date: _____ Title: Mayor

Notes/Contingencies: _____

THIS SECTION IS FOR BLUE CROSS & BLUE SHIELD OF MISSISSIPPI USE ONLY

Reinsurance Funding Arrangement:

Zero Cycles _____ (Set Reinsurance Funding Code to "0") Three Cycles _____ (Set Reinsurance Funding Code to "3")

NOTE — NEW GROUPS AND GROUPS WITH NO REINSURANCE MUST BE SET TO ZERO CYCLES ("0")

There will be no 30 day cycle delay for the filing of reinsurance claims and placement on the Summary Claim Billing Statement for new groups and groups with no reinsurer.



**BlueCross BlueShield
of Mississippi**

It's good to be Blue.

Approved by Sr. VP of Consumer Marketing and Sales
_____ (Initials) _____ (Date)

**Amendment No. 2 to
Administrative Services Contract**

This Amendment No. 2 to the Administrative Services Contract (“Amendment”) is entered into as of October 1, 2020 (the “Amendment Effective Date”) among Blue Cross & Blue Shield of Mississippi, A Mutual Insurance Company (“Claim Administrator”), City of Starkville (“Employer”) and Employee Health Protection Plan for City of Starkville (hereinafter “GHP”).

WHEREAS, Claim Administrator, Employer and GHP are parties to the Administrative Services Contract (the “Agreement”) entered into as of October 1, 2018, as amended by Amendment No. 1 effective as of October 1, 2019.

WHEREAS, Claim Administrator, Employer and GHP have agreed, subject to these terms and conditions, to amend the Administrative Services Contract as set forth in this Amendment.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Amendments. The Agreement is amended as follows:

(a) The second sentence in the first unnumbered paragraph on page 1 of the Agreement is deleted in its entirety and replaced with the following:

“The term of the Agreement is for a 12 month period, running October 1, 2020 to September 30, 2021.”

(b) Part 2, Article I, Section A(18) is deleted in its entirety and replaced with:

18. Initially fund all Claims over the individual specific stop-loss deductible amount as defined in GHP’s excess risk insurance policy (hereinafter “Reinsurance”). Claims Administrator has the right, however, to obtain reimbursement directly from the GHP for payments made on claims over the individual specific stop-loss amount and not wait for the Reinsurance Carrier to pay benefits under the Reinsurance Policy. This Section applies only when GHP has elected to have Claim Administrator fund all Claims over the individual specific stop-loss deductible amount as defined in GHP’s Reinsurance.

(c) Part 2, Article II, Section B is deleted in its entirety and replaced with:

B. Claim Administrator shall send an electronic Claims Billing Summary Report to GHP on a three-time-per-month billing cycle. The Claims Billing Summary Report will indicate:

1. the amount of reimbursement for Claim Administrator funds used in the Payment of GHP's Claims, which may contain payment of claims over the individual specific stop-loss amount, and
2. the amount of the administrative and access fees for the BlueCard Program (see Article IV).

(d) Part 3, Article, V, Section H is deleted in its entirety and replaced with:

H. GHP accepts full responsibility for providing information requested by the Reinsurance carrier in a timely fashion. Claim Administrator shall not be responsible for any loss of Reinsurance funding caused by the GHP's failure to provide information requested by the Reinsurance carrier and Claim Administrator may refuse to fund claims over GHP's individual specific stop-loss amount if GHP fails to provide information requested by the Reinsurance carrier. GHP accepts full responsibility for securing Reinsurance. GHP shall provide Claim Administrator a copy of the Reinsurance policy within 30 days after the Effective Date of this Agreement.

(e) Part 5, Article VIII, Section A(1) is deleted in its entirety and replaced with the following:

1. The monthly administrative service fee is \$33.50 for each employee covered in the Benefit Plan on or after October 1, 2020. The fee includes the services specified in Article I. The due date of the monthly administrative services fee is the first day of each month.

(f) Exhibit I is amended and replaced with the attached Exhibit I.

2. Amendment Effective Date. The amendments made to the Agreement are incorporated by reference into the Agreement and expressly made a part thereof, as if fully copied therein, effective as of the Amendment Effective Date.

3. The provisions of this Amendment are not intended to amend in any manner any of the other provisions of the Agreement and should not be construed to do so, but, rather, except as otherwise hereinafter indicated, are intended merely to amend the specific provisions of the Agreement as stated herein. Except for the provisions of the Agreement specifically amended by this Amendment, all other provisions of the Agreement remain in full force and effect and are not hereby amended, modified or rescinded, except to the extent that any other provisions of the Agreement are in conflict with this Amendment and must necessarily also be amended in order to implement this Amendment, in which case any such conflicting provisions of the Agreement are hereby amended, and shall be interpreted and applied, to the minimum extent necessary, to conform to the amendments made by this Amendment. This Amendment constitutes the entire agreement of the parties with respect to the subject matter hereof and supersedes all prior promises, agreements and understandings, whether written or oral, with respect to the subject matter hereof.

IN WITNESS THEREOF, the parties have caused this Amendment to be duly executed as set forth below as of the Amendment Effective Date.

CLAIM ADMINISTRATOR:

BLUE CROSS & BLUE SHIELD OF
MISSISSIPPI, A MUTUAL INSURANCE
COMPANY

By: _____
Cheri D. Green,
General Counsel

Date: _____

EMPLOYER:

CITY OF STARKVILLE

By: _____

Title: Mayor

Date: _____

GROUP HEALTH PLAN:

EMPLOYEE HEALTH PROTECTION PLAN FOR
CITY OF STARKVILLE

By: _____

Title: Mayor

Date: _____

EXHIBIT I

Only the BlueCard Program Access Fee and the BlueCard Program Administrative Expense Allowance (AEA) fee may be charged separately each time a claim is processed through the BlueCard Program. All other BlueCard Program-related fees are included in the Administrative Charges.

The Access Fee is charged by the Host Blue to Claim Administrator for making the applicable Host Blue's provider network available to GHP's Members. The Access Fee will not apply if the provider does not participate in the applicable Host Blue's network. The Access Fee is charged on a per-claim basis and is charged as a percentage of the discount/differential Claim Administrator receives from the applicable Host Blue subject to a maximum of \$2,000 per claim. When charged, Claim Administrator passes the Access Fee directly on to GHP.

Instances may occur in which the claim payment is zero or Claim Administrator pays only a small amount because the amounts eligible for payment were applied to patient cost sharing (such as a deductible or coinsurance). In these instances, Claim Administrator will pay the Host Blue's Access Fee and pass it along directly to GHP as stated above even though GHP paid little or had no claim liability.

The AEA Fee is a fixed per-claim dollar amount charged by the Host Blue to Claim Administrator for administrative services that the Host Blue provides in processing claims for GHP's Members. The dollar amount is normally based on the type of claim (e.g. institutional, professional, international, etc.) and can also be based on the size of your group enrollment. When charged, Claim Administrator passes the AEA Fee directly on to GHP.

See the Fee Listing section of this Exhibit for the BlueCard Program Access Fee and AEA Fee and for Claim Administrator's General Administrative Fee. The General Administrative Fee includes all other fees relative to the BlueCard Program. These fees include the Central Financial Agency Fee, ITS Transaction Fee, Toll-Free Number Fee, PPO Provider Directory Fee and Blue Cross Blue Shield Global Core Fees, if applicable.

A General Administrative Fee encompasses fees Claim Administrator charges to GHP for administering GHP's Benefit Plan. They may include both local within Claim Administrator's service area and Inter-Plan fees. For purposes of this Agreement, they include the following BlueCard Program-related fees other than the BlueCard Program Access Fee and AEA Fee: namely, Central Financial Agency Fee, ITS Transaction Fee, Toll-Free Number Fee, PPO Provider Directory Fee and Blue Cross Blue Shield Global Core Fees, if applicable.

Group Name: City of Starkville

Effective Date: October 1, 2020 through September 30, 2021

Group Number(s):

Location	Benefit Plans	
	Buy Up Group Numbers	Base Group Numbers
City Hall Active	67142A	17912
City Hall COBRA	67143A	17913
City Hall Retirees	67144A	17914
Electric Active	67145A	17915
Electric COBRA	67146A	17916
Electric Retirees	67147A	17917
Park Comm. Active	67148A	17918
Park Comm. COBRA	67149A	17919
Park Comm. Retirees	67151A	17920

General Administrative Fee (See also Section VIII(A)(1):	\$33.50 per employee per month
Inter-Plan Arrangements Fees:	
<i>BlueCard Program Fees</i>	
Access Fees:	In 2020, 3.97% of network savings, capped at \$2,000.00 per claim. In 2021, 3.79% of network savings, capped at \$2,000.00 per claim.
Administrative Expense Allowances (AEAs):	\$5.00 per claim professional and \$11.00 per claim institutional.
Nonparticipating Provider Claims Processing Fee:	\$3.00 per claim for out-of-network claims.

SIRIUS AMERICA INSURANCE COMPANY
One Liberty Plaza
New York, New York 10006-1404

APPLICATION AND POLICY SCHEDULE FOR GROUP EXCESS LOSS INSURANCE

Part I Proposed Policyholder

a. Full Legal Name of Proposed Policyholder

City of Starkville

b. Address and TIN

110 West Main Street

Starkville, MS 39759

64-6001083

Tax Identification Number

c. Name and Title of Contact Person Lynn Spruill

d. Proposed Policyholder is 9111: Executive Offices

Please describe type of entity or type of business that will own policy

e. Requested Effective Date 10/01/2020

Policy will become effective on the Requested Effective Date only if (a) all required information is provided and (b) Sirius has received the initial premium on or before that date. The Policy Term will end one year after its effective date unless otherwise requested and agreed to by Us.

f. Eligible Persons Under Your Plan to be Covered Under This Policy?

Please check all that apply

- ☒ Retired Employees ☒ Former Employees Continuing Coverage under COBRA or other continuation provisions of the Plan
- ☒ Disabled Employees ☒ Employees not Actively at Work on their Effective Dates
- ☐ Other - please describe _____

g. Minimum enrollment ☐ _____ Covered Units, or ☒ 95% Initial Enrollment

Part II Plan of Insurance and Premium Calculation

Please check all coverages and options for which You are applying

a. ☒ Specific Excess Loss Coverage

i. Include coverage for: ☒ Medical Plan ☒ Prescription Drug Plan

ii. Specific Deductible Amount Per Covered Person \$125,000

iii. Aggregating Specific Deductible \$65,000

Fixed dollar amount or, if greater, amount x number of Covered Persons

iv. Specific Lifetime Maximum Per Covered Person \$Unlimited

v. Specific Benefit Period maximum reimbursement per Covered Person \$Unlimited

vi. Specific Reimbursement Percentage 100%

vii. Contract Basis - Benefit Period includes reimbursement for Covered Expenses

Incur from 10/01/2019 through 09/30/2021
and Paid from 10/01/2020 through 09/30/2021

viii. Reimbursement for Covered Expenses Incurred before the Effective Date will be limited to
\$ N/A per Covered Person; \$ N/A in total.

ix. Monthly Premium Rates - per

Covered Unit	Premium Rate	Number Covered
Single	\$35.46	240
EE+SP	\$67.65	24
EE+CH	\$60.22	24
EE+Fam	\$100.08	16

b. x Aggregate Excess Loss Coverage

- i. Include coverage for: ☒ Medical Plan ☒ Prescription Drug Plan
 ☐ Dental Plan ☐ Vision Plan
- ii. Individual Claim Limit \$125,000
- iii. Maximum Aggregate Reimbursement \$1,000,000
- iv. Aggregate Reimbursement Percentage 100%
- v. Contract Basis - Benefit Period includes reimbursements for Covered Expenses
 Incurred from 10/01/2019 through 09/30/2021
 and Paid from 10/01/2020 through 09/30/2021
- vi. Reimbursement for Covered Expenses Incurred before the Effective Date will be limited to
 o \$_____ per Covered Person; ☒ \$322,250 in total.
- vii. Monthly Aggregate Factors and Premium Rates

Covered Unit	Factor	No. Covered	Premium Rate
Single	\$476.14	240	\$2.75
EE+SP	\$948.46	24	\$2.75
EE+CH	\$839.42	24	\$2.75
EE+Fam	\$1,424.60	16	\$2.75

- viii. Minimum Aggregate Attachment Point \$2,148,334

c. Additional Options

- i. Terminal Liability Option included ☐ excluded ☒
When this Option is in effect, Monthly Aggregate Factors shown above and applicable to the full Policy Term are modified to:

Monthly Aggregate Factors

Covered Unit	Factor	PEPM Cost
--------------	--------	-----------

- ii. Aggregate Accommodation Option included ☐ excluded ☒
Advance Threshold \$_____ PEPM Cost \$_____
iii. Specific Advance Reimbursement Option included ☐ excluded ☒
Minimum Advance Reimbursement \$_____

- d. Special Limitations** *Please list (a) any special Specific Deductibles or other limitations applicable to individuals for whom information was included on the Disclosure Statement, identifying the deductible amount, limitation and name of individual to which it applies, and (b) any Special Limitations and conditions applicable to the Policy applied for.*

Retiree class to be closed effective 10/1/2020 to new enrollees. Employees who retire on or after 10/1/2020 will be offered COBRA as any other terminating employee.

Retirees enrolled in the retiree class prior to 10/1/2020 will be grandfathered and can remain enrolled until Medicare eligible. Retirees enrolled prior to 10/1/2020 and already enrolled in Medicare will remain eligible as long as premiums continue to be paid on a timely basis.

Part III Administrative Information

- a. **Your Third Party Administrator (TPA) is** Blue Cross Blue Shield of MS
3545 Lakeland Drive, Flowood, MS 39232
- b. **Your Agent of Record is** Mickey Watkins
- c. **Your Initial Premium Deposit \$** _____
Amount submitted with this application

Part IV Acknowledgements and Signatures

- a. **Plan Provisions** Applicant attests that the Plan Document provided to Us includes at least the following provisions:
- i. **Employees** – definition, including minimum qualifying hours worked, eligibility, effective date and HIPAA eligibility date provisions;
 - ii. **Dependents** – definition, including all age requirements, eligibility and effective date provisions;
 - iii. **Termination** – when benefits and eligibility cease, any continuation/extension of coverage provisions for leave, layoff or disability, including all applicable state and federal (COBRA) continuation requirements;
 - iv. **Transplants** – Covered Person and non-Covered Person donor benefits, recipient benefits, including any covered transportation, lodging and companion charges; and
 - v. **Exclusions** – including any expenses resulting from riot or revolt, and war, whether declared or not; any charges resulting from occupational accidents or illnesses; or Alternative Treatments except when Medically Necessary and cost-effective compared to standard treatments.
- b. **Applicant's Acknowledgement** I, the applicant, declare, to the best of my knowledge and belief, that (i) applicant is entitled under applicable law to provide self-funded health benefits to its employees and (ii) all statements and answers in this application are true and complete. I understand and agree that (i) this Application and Policy Schedule will form part of any policy issued, (ii) no information given to or acquired by any representative of Sirius will bind it, unless it is in writing on this application, (iii) no waiver or modification will bind the Company unless it is in writing and is signed by an authorized representative of Sirius, (iv) Our receipt and deposit of Your initial premium does not constitute Our acceptance of liability, (v.) if You or Your TPA have misrepresented or concealed any material fact or circumstance in, including any failure to disclosure all information required, We may rescind any policy issued; and (vi) only those persons eligible under Your Plan and the terms of an issued policy will be included.
- c. **Fraud Warning** Any person who, knowingly and with intent to injure, defraud or deceive an insurer, makes any claim for the proceeds of an insurance policy containing any false, incomplete or misleading information may be guilty of insurance fraud.

Dated at _____ on the _____ day of, _____ 2020

Signed for the Proposed Policyholder
Mayor

Title

Signed by Licensed Agent
Mickey Watkins

Please Print Agent Name

Agent License Number and Issuing State

Reunion Health Services
576 Highland Colony Parkway, Ste 210, Ridgeland, MS 39157
Sirius International Insurance
SPECIFIC EXCESS MEDICAL EXPENSE COVERAGE DISCLOSURE STATEMENT

For: City of Starkville

Proposed Effective: 10/1/2020

This completed Disclosure Statement must be signed no earlier than 30 days prior and no later than 15 days after the effective date and delivered to our office to be reviewed and responded to by Reunion Health Services, confirming quoted terms and conditions accepted by Sirius International Insurance, unless otherwise agreed upon. This disclosure statement must be signed and received by Reunion Health Services within five days of completion.

If the space provided is insufficient to list all individuals who are required to be listed, then please continue the list on additional page(s). All additional pages completed as part of this Disclosure Statement **MUST BEAR FULL SIGNATURE** of the persons signing on behalf of the Employer and the Third Party Administrator, respectively.

Please be advised the Privacy Rules of the Health Insurance Portability and Accountability Act of 1996 (HIPAA) permit the release of Protected Health Information (PHI) for the purpose of evaluating and accepting risk associated with the Employer as part of "healthcare operations". As stop-loss carriers performing healthcare operations as defined under HIPAA, both Sirius International Insurance and Reunion Health Services are permitted to use and be disclosed protected health information (PHI) without prior authorization from a Plan Participant, but will use the information provided for the sole purpose of evaluating the acceptability of this risk.

We agree the proposed coverage is subject to the terms and provisions of Sirius International Insurance's Excess contract of which this statement is a part. Below, we have disclosed all individuals (including employees and dependents) known by us or our administrator to be not Actively at Work, facility confined (hospital, SNF, etc.), or disabled. We have listed below all individuals identified, as of the signature date, as having a Serious Claim diagnosis. The amount of claim payments on these individuals along with their current status has been indicated. Also include all individuals who are currently on COBRA, have been terminated but have yet to elect COBRA, and all dependents known to be unable to perform as those of like age or sex. Individuals previously disclosed to Reunion Health Services, must be included and updated.

We have listed below all individuals identified, as of the signature date, as having a Serious Claim diagnosis, including, but not limited to, those individuals currently eligible under the plan that were formerly ineligible due to meeting their lifetime maximum in the past.

A Serious Claim is any claim known by us (the employer) or by our Administrator, which:

1. Whether incurred or paid, has exceeded 50% of the Specific Deductible or \$100,000 (whichever is less) as of the signature date below; or (*must complete or indicate None*)

Claimant	Diagnosis	Prognosis/Additional Treatment Anticipated	Reported Paid Claims	Additional Claims Paid or Pended
See Attached BCBSMS Reporting				

2. Might be expected to exceed the excess loss retention due to the nature of the illness or injury; or (*must complete or indicate None*)

Claimant	Diagnosis	Prognosis/Additional Treatment Anticipated	Reported Paid Claims	Additional Claims Paid or Pended

Reunion Health Services
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Sirius International Insurance
SPECIFIC EXCESS MEDICAL EXPENSE COVERAGE DISCLOSURE STATEMENT

3. Is a condition which currently disables any employee or dependent (including but not limited to: STD, LTD, salary continuance, FMLA, extension of benefits, COBRA, leave of absence); or (must complete or indicate None)

Claimant	Diagnosis	Prognosis/Additional Treatment Anticipated	Reported Paid Claims	Additional Claims Paid or Pended

4. Other than those individuals listed above, please list any other covered person where (must complete or indicate None):

- a) Medical expenses might reasonably be expected to reach or exceed 50% of the Specific Deductible,
b) Currently identified as a candidate for or currently under review for Large Case Management, including those noted above in #1, or any other known Serious Claim,
c) Pre-certified for hospitalization and/or surgical procedures within the last 90 days,
d) Is a past or potential organ transplant candidate, and/or,
e) Known to have the conditions listed in Table 1 or Table 2.

Claimant	Diagnosis	Prognosis/Additional Treatment Anticipated	Reported Paid Claims	Additional Claims Paid or Pended

We, the Employer named below, acknowledge that Reunion Health Services, on behalf of Sirius International Insurance, retains the right to re-underwrite, or adjust the terms and conditions of coverage on any individual whose actual claims (paid or pending) are greater than the amounts reported above to Reunion Health Services by more than \$5,000 **as of the signature date below**. We acknowledge that any individual known by us (the employer) or by our Third Party Administrator, who has incurred a Serious Claim, or has become disabled, may be excluded from coverage unless disclosed by us and approved by Reunion Health Services.

It is agreed that We are also responsible and have a continuing duty to immediately disclose and to provide notification of any subsequent material changes to the provided information prior to the actual binding of and receipt of premium for the Specific and/or Aggregate coverage. Receipt and deposit of premium shall not constitute binding of coverage. ***Our due diligence included a review of pre-certification, disability, utilization review, medical case management, salary continuance, or other reasonable means by which to obtain the required information.***

Employer Name: City of Starkville Administrator Name: Blue Cross Blue Shield of MS

Authorized Officer's Signature: _____ Authorized Signature: _____

Name & Title: Lynn Spruill, Mayor Name & Title: _____

Date of Disclosure: _____ Date of Disclosure: _____

Reunion Health Services
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Sirius International Insurance
SPECIFIC EXCESS MEDICAL EXPENSE COVERAGE DISCLOSURE STATEMENT

Table 1

• Amputations • Bariatric Surgery (proposed or completed) • Biliary Artesia • Burns (2nd and 3rd degree covering 10% or more of body surface) • Cancer(s), except minor skin lesions • Cerebral palsy • Cerebral Vascular Accidents (Strokes) • Chemotherapy or radiation therapy • Cirrhosis • Coronary conditions with long term complications (Congestive Heart Failure, Severe Coronary Artery Disease, etc.), myocardial infarction and cardiomyopathy • Diabetes Mellitus (complicated by blindness, amputations, neurologic impairment, etc.) • Eating disorders (Anorexia, Bulimia) • Head injuries with neurologic impairment	• Dialysis (Any) • Hemophilia • Hepatitis • HIV / AIDS or AIDS related complex • Home health care • Home uterine monitoring • Hospice • Infants (premature and/or with severe congenital defects, respiratory distress, Bronchopulmonary Dysphasia) • In-patient rehabilitation • Internal injuries and head injuries • Multiple fractures • Multiple gestation • Muscular and neurologic disease, progressive (Myasthenia Gravis, Guillain-Barre Syndrome, Multiple Sclerosis, Amyotrophic Lateral Sclerosis, Muscular Dystrophy, paralysis, systemic Lupus erythematous etc.)	• Organ failure • Organ transplant procedures • Organic brain syndrome (Alzheimer's disease, etc.) • Pancreatitis • Pregnancy complications • Renal failure, end-stage (dialysis, transplants) • Respiratory conditions, chronic (Chronic Obstructive Pulmonary Disease, Severe Asthma, Emphysema) • Respiratory distress • Skilled nursing facility admission • Spinal Cord Injuries • TPN or IV therapy • Trauma
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Reunion Health Services
576 Highland Colony Parkway, Ste 210, Ridgeland, MS 39157
Sirius International Insurance
SPECIFIC EXCESS MEDICAL EXPENSE COVERAGE DISCLOSURE STATEMENT

Table 2

The following list is used as a quick reporting reference. It represents medically complex illnesses and injuries that are typically catastrophic in nature.

ICD-10, TRIGGER DIAGNOSIS CODES, COMBINED LIST

CATEGORY		CODE	DESCRIPTION
A00-B99	Infectious Disease	A41	Septicemia
		B15-B19	Viral Hepatitis
		B17.1-B17.11	Hepatitis C
		B20	AIDS/HIV
		U07.1	COVID-19
C00-D49	Neoplasms	C00-C14	Malignancies of oral cavity and pharynx
		C15–C26	Malignant neoplasm of digestive organs
		C15.3-C15.9	Malignant neoplasm of esophagus
		C16-C16.9	Malignant Neoplasm of stomach
		C18-C18.9	Malignant neoplasm of colon
		C20	Malignant neoplasm of rectum
		C22	Malignant neoplasm of liver
		C25	Malignant neoplasm of pancreas
		C30–C39	Malignant neoplasm of respiratory
		C32	Malignant neoplasm of larynx
		C34	Malignant neoplasm of lung
		C40-C41	Malignant neoplasm of bone
		C43–C44	Melanoma
		C50–C50	Breast Malignancies
		C51–C68	Genitourinary Malignancies
		C53-C55	Malignant neoplasm of uterus/cervix
		C56	Malignant neoplasm of ovary
		C61	Malignant neoplasm of prostate
		C62	Malignant neoplasm of testes
		C64-C65, C67	Malignant neoplasm of bladder, kidney
		C69–C72	Malignancies of Nervous System
		C71	Malignant neoplasm of brain
		C72	Malignant neoplasm of nervous system
		C73-C75	Malignant neoplasm of endocrine glands
		C77	Secondary malignant neoplasm of lymph nodes
		C78	Secondary malignant neoplasm respiratory/digestive organs
		C79	Secondary malignant neoplasm other specified sites
		C81–C96	Leukemias, Lymphomas and Myelomas
		D37-D48	Neoplasm uncertain behavior
		D49.2	Neoplasm unspecified nature-bone/skin
D50–D89	Hematologic Disorders	D57.00	Sickle Cell Disease
		D57.1	Sickle Cell Anemia
		D61.01	Aplastic Anemia
		D61.9	Aplastic Anemia NOS
		D66	Hemophilia/Hereditary Factor VIII Deficiency

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CATEGORY		CODE	DESCRIPTION
D50–D89	Hematologic Disorders	D68.9	Coagulation Defects/Hemophilia
		D81.0	Severe Combined Immune Deficiency (SCID)
		D82.1	DiGeorge Syndrome
		D83.1	Immune Deficiency T Cells (AIDS)
		D84.1	Alpha 1-Antitrypsin
	Endocrine, Nutritional, Metabolic, Immunity	E11.9	Diabetes
		E66.09-E66.9	Obesity/Hypertalimentionation
E70–E88	Metabolic Disorders	E75.22	Gaucher's Disease
		E84.0	Cystic Fibrosis
		E84.9	Cystic Fibrosis
G00–G99	Disease of the Nervous System	G12.21	Lou Gehrig's disease (ALS)
		G31.81-G31.82	Cerebral Degenerations
		G35	Multiple Sclerosis
		G61.0	Guillain-Barre Syndrome
		G70.9	Myasthenia Gravis
		G82.20	Paraplegia
		G82.50	Quadriplegia/Quadriparesis
		G91.1	Obstructive Hydrocephalus
		G93.40	Encephalopathy
		G93.7	Reye's Syndrome
	Diseases of the Musculoskeletal System	H05.02-H05.29	Osteomyelitis
		M15-M17.1	Osteoarthritis
		M41-M41.22	Scoliosis
		M46.20-M46.28	Osteomyelitis
		M47.817	Lumbosacral Spondylosis
		M50-M51.9	Intervertebral Disc Disorder
		M86.0-M86.03	Osteomyelitis
I00–I99	Disease of Circulatory System	I21.3-I22.9	Acute Myocardial Infarction
		I24.9-I25.9	Acute and Subacute Ischemic Heart Disease
		I25.10	Coronary Atherosclerosis
		I27.0	Primary Pulmonary Hypertension
		I27-I27.9	Acute Pulmonary Heart Disease
		I28.1	Chronic Pulmonary Heart Disease
		I33	Acute and Subacute Endocarditis
		I34-I38.9	Valve Disorders
		I42.0–I42.9	Cardiomyopathy
		I45-I45.9	Conduction Disorders
		i46	Cardiac - Major
		I46.9	Cardiac Arrest
		I49-I49.9	Cardiac Dysrhythmias
		I50-I50.9	Heart Failure
		I60-I60.9	Subarachnoid Hemorrhage
		I46.9	Cardiac Arrest

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SPECIFIC EXCESS MEDICAL EXPENSE COVERAGE DISCLOSURE STATEMENT

CATEGORY		CODE	DESCRIPTION
I00–I99	Disease of Circulatory System	I60.9	Subarachnoid Hemorrhage
		I62-I62.9	Traumatic intracranial hemorrhage
		I63-I66.8	Occlusion of Cerebral Arteries
		I67.89	CVA (cerebrovascular accident)
		I69.2-I69.22	Non-traumatic intracranial hemorrhage
		I71-I72.9	Aortic Aneurysm
J00–J99	Disease of Respiratory System	J18.9	Pneumonia
		J44.9	COPD (chronic obstructive pulmonary disease)
		J84.10	Pulmonary Fibrosis
		J96.00–J96.92	Respiratory Failure
K00–K95	Disease of Digestive System	K50-K50.90	Crohns Disease/Regional Enteritis
		K56-K56.6	Intestinal Obstruction
		K57-K57.93	Diverticulitis of Colon
		K63.9	Other Disorders of Intestine
		K65-K65.9	Peritonitis
		K70.0–K74.69	Chronic Liver Disease
		K72.00–K72.91	Liver Failure
		K76.9	Other Liver Disorders
		K85-K85.9	Pancreas Diseases
		K92.2	Gastrointestinal Hemorrhage
N00–N99	Disease of Genitourinary System	N17.9	Acute Renal Failure
		N18.1–N18.9	Chronic Renal Failure
		N19	Unspecified Renal Failure
		N20.0-N22	Calculus of Kidney
		N25.0-N25.9	Impaired Renal Function
00–O9A	Pregnancy, Childbirth & Puerperium	O09	Supervision of high risk pregnancy
		O11-O15.9	Eclampsia/Pre-Eclampsia
		O24.4-O244.39	Gestational Diabetes
		O30-O31.8	Multiple Gestation
		O30.10–O30.109	Triplet Pregnancy
		O30.20–O30.209	Quadruplet Pregnancy
		O34.3-O34.33	Cervical Incompetence
		O42-O42.919	Premature Labor
		O144-O44-13	Placenta Previa
		O60.00–O60.14	Preterm Labor
P00–P96	Perinatal Conditions	P05	Premature Infant
		P07.00–P07.36	Preterm Infant
		P22.0-P22.9	Respiratory Distress Syndrome of Newborn
		P28.89-P28.9	Respiratory Conditions of Newborns
Q00–Q99	Congenital Malformations	Q20–Q28	Congenital Heart Diseases
		Q25.2-Q25.3	Aortic Atresia/Stenosis
		Q44.2	Biliary Atresia
		Q39.0–Q39.4	Tracheoesophageal Fistula
		Q89.7	Multiple Anomalies
		Q89.9	Other & Unspecified Congenital Anomalies
	Symptoms, Signs and Ill Defined Conditions	R00.0-R09.89	Cardiovascular System Symptoms
		R07-R07.8	Chest Pain

Reunion Health Services
576 Highland Colony Parkway, Ste 210, Ridgeland, MS 39157
Sirius International Insurance
SPECIFIC EXCESS MEDICAL EXPENSE COVERAGE DISCLOSURE STATEMENT

CATEGORY		CODE	DESCRIPTION
S00–T88	Injury, Poisoning and Trauma	S01	Open Head Injury
		S02-S02.9	Fracture of Skull
		S06.0–S06.9	Brain Injuries
		S07-S09	Open Head Injury
		S12–S14	Spinal Cord Injuries
		S14.101-S14.107	Spinal Cord Injury
		S24	Spinal Cord Injury
		S32.43-S32.435	Fracture of vertebral column
		S34.109-S34.125	Fracture vertebral column w/spinal cord injury
		S36.90, S37.90	Internal Injuries
		S48-S48.929A	Traumatic amputation of upper extremity
		S78.019A-S78.929A	Traumatic amputation of lower extremity
		S88	Amputations
		S88.019A-S88.929A	Traumatic amputation of lower extremity
		T07	Multiple Trauma Injuries
		T20–T32	Burns
		T79	Early Complications of Trauma
		T82.390A-T82.598	Malfunctions of devices/grafts
		T85.09XA-T85.199A	Malfunctions of devices/grafts
		T86.00–T86.02	Graft vs. Host Disease
		T86.00–T86.09	Graft vs. Host Disease
		T86.90–T86.92	Complications of Transplants
		T86.90–T86.99	Complications of Transplants
	Organ Transplants	Z94.0	Kidney Transplant Status
		Z94.1	Heart Transplant Status
		Z94.2	Lung Transplant Status
		Z94.4	Liver Transplant Status
		Z94.7	Cornea Transplant Status
		Z94.9	Transplanted Organ and Tissue, unspecified

City of Starkville Proposed Retiree Coverage Amended Language

Effective October 1, 2020, the city of Starkville amends its personnel policy with regard to continuing health, dental, and life coverage to all eligible employees upon their retirement from the city.

The option to continue your coverage(s) will no longer be offered to employees who retire from the city on or after October 1, 2020.

Retiring employees under age 65 will be eligible to continue their coverage(s) under COBRA for the applicable time period (18 months in most instances). In accordance with current policy, the retiree must pay the cost for the coverage(s) should they elect to continue and will be subject to the terms and conditions of the vendor utilized by the city in the collection of premiums.

Upon eligibility for Medicare coverage, either through attaining the required age or as the result of a Social Security or Medicare approved disability prior to age 65, the health coverage through the city plan will terminate.

If a retiree attains Medicare eligibility and has a dependent(s) covered under the plan at that time and the dependent has not attained the age for Medicare eligibility they will be eligible to continue coverage under COBRA for the appropriate time period or until they also meet Medicare eligibility requirements.

The existing policy for retirees who have continued coverage due to retirement prior to October 1, 2020, is further amended to require that once the covered retiree (or spouse) attains eligibility to Medicare they must terminate coverage through the city of Starkville group health plan. This will assure a smooth transition to Medicare and the avoidance of potential financial penalties as a late enrollee to that coverage.

Retirees who continued their coverage(s) and enrolled prior to October 1, 2020, over age 65, will be “grandfathered” and allowed to maintain their coverage provided they continue to pay the prevailing premiums as required by the terms and conditions of the vendor utilized by the city in the collection of premiums.



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT.: Community Dev.- Planning
AGENDA DATE: September 15, 2020
PAGE: Page 1 of 11

SUBJECT:

Consideration of LW 20-01 request for Landscape Waiver approval from tree protection and perimeter parking lot landscape requirements at 600 Highway 12 West in a C zoning district with the parcel number 102F-00-053.00

SUMMARY:

The applicant Zach Foster, of Neel-Schaffer, Inc. on behalf of Castle Properties, is requesting 3 landscape waivers for a proposed shopping center development located at 600 Highway 12 West in a C zoning district. The applicant is designing a proposed shopping center, @12, located at the current site of Garan Inc. The applicant submitted a site plan for review by the Development Review Committee (DRC). The project was reviewed by the DRC at the July 16, 2020 meeting. Issues with the landscaping and tree protection requirements were discussed. The applicant chose to apply for a waiver from the requirements instead of a redesign of the site plan. The applicant is requesting 3 landscape waivers from 2 sections of the Unified Development Code (see below).

Waiver request and result of vote by Landscape Advisory Board on each request:

1. Tree Protection in Building Setback- Section 16.7.4. Approved 4-1
2. Canopy Trees in Perimeter Island along southern property line- Section 14.6.2. (Page 14-15) Approved 5-0 with condition
3. Continuous Row of Shrubs planted along entire length of the perimeter island- Section 14.6.2. (Page 14-16) Approved 5-0

Recommended condition by the Landscape Advisory Board.:

1. An attractive privacy fence shall be installed with greenery in the form of shrubs or vines be planted on the north side of the fence to break up the aesthetics of the retaining wall.

REQUESTING

DEPARTMENT: Community Development

DIRECTOR'S

AUTHORIZATION: Dr. Simon Kim

FOR MORE INFORMATION CONTACT:

Daniel Havelin @ 662-323-2525 ext 3136 or Emily Corban Camp @ 662-323-2525 ext 3138

SUGGESTED MOTION:



THE CITY OF STARKVILLE
PLANNING DEPARTMENT
LANDSCAPE ADVISORY BOARD
CITY HALL, 110 WEST MAIN STREET
STARKVILLE, MISSISSIPPI 39759

STAFF REPORT

To: Members of the Landscape Advisory Board
From: Daniel Havelin, City Planner (662-323-2525 ext. 3136)
Emily Corban, Assistant City Planner (662-323-2525 ext. 3138)
Subject: LW 20-01 Request for Landscape Waivers from tree protection and perimeter parking lot landscape requirements at 600 Highway 12 West in a C zoning district with the parcel number 102F-00-053.00
Date: September 2, 2020

The purpose of this report is to provide information regarding a Landscape Waiver Request by Zach Foster, of Neel-Schaffer, Inc. on behalf of Castle Properties for 3 landscape waivers for a proposed shopping center development located at 600 Highway 12 West in a C zoning district with the parcel number 102F-00-053.00. Please see attachments 1- 4.

BACKGROUND INFORMATION

The applicant is designing a proposed shopping center located at the current site of Garan Inc. The current tenant is in the process of constructing a new facility at NorthStar Industrial Park. Once they have relocated, the intent is to begin construction of a proposed shopping center currently named @12. The applicant submitted a site plan for review by the Development Review Committee (DRC). The project was reviewed by the DRC at the July 16, 2020 meeting. Issues with the landscaping and tree protection requirements were discussed. The applicant chose to apply for a waiver from the requirements instead of a redesign of the site plan. The applicant is requesting 3 landscape waivers from 2 sections of the Unified Development Code (see below). On August 20, 2019 and September 3, 2019, the Board of Aldermen and County Board of Supervisors approved a \$3 million TIF (Tax Increment Financing) for the development on the subject property. If the request for landscape waiver is recommended for approval or denial, the applicant's requests will be heard by the Board of Aldermen at the September 15, 2020 meeting.

VARIANCE REQUEST FROM

- 1. Tree Protection in Building Setback-** Section 16.7.4.- Requires that 50% of trees with a DBH of 10 inches or more and all trees with a DBH of 30 inches or more be preserved and protected within the building setbacks
 - a. **Request:** request waiver to remove all 63 existing trees within the building setback lines
 - b. **Reasoning:** to accommodate the footprint of the proposed development and required number of parking stalls in lieu of the requirements.
- 2. Canopy Trees in Perimeter Island along southern property line-** Section 14.6.2. (Page 14-15)- Requires one canopy tree for every 30 linear feet of perimeter island next to adjacent property
 - a. **Request:** request waiver to install an attractive wooden privacy fence along the top of the proposed retaining wall at the rear lot line in lieu of the 26 canopy trees required by Section 14.6.2 – Development Standards Chart
 - b. **Reasoning:** Due to limited space and the fact that the adjacent property along the rear lot line is an existing railroad owned by Kansas City Southern.
- 3. Continuous Row of Shrubs planted along entire length of the perimeter island-** Section 14.6.2. (Page 14-16)-Required a continuous row of shrubs be planted along the entire length of the perimeter island next to adjacent property with a mature minimum height of three (3) feet and a maximum spacing of ninety percent (90%) of the shrubs expected spread within (3) years of planting.

- a. **Request:** request waiver to install an attractive wooden privacy fence along the top of the proposed retaining wall at the rear lot line in lieu of the shrubs required by Section 14.6.2 – Development Standards Chart
- b. **Reasoning:** Due to limited space and the fact that the adjacent property along the rear lot line is an existing railroad owned by Kansas City Southern.

CRITERIA FOR LANDSCAPE WAIVER REVIEW AND APPROVAL (Section 3.11.1)

3.7.1. Criteria for variance review and approval.

- A. Special Conditions. That special conditions and circumstances exist which are peculiar to the land, structure, or building involved, and the same conditions are not applicable to other land, structures, and buildings in the surrounding area.
- B. Literal Interpretation. That the literal interpretation of the provisions of this Code would deprive the applicant of rights commonly enjoyed by other properties in the same district under the terms of this Code.
- C. Hardship. That the hardship has not resulted from the actions of the applicant.
- D. Special Privilege. That granting the landscape waiver requested will not confer on the applicant any special privilege that is denied by this Code to other properties in the same district.
- E. Minimum Variance. That granting the waiver is the minimum waiver that will make possible the reasonable use of the property.
- F. Consistency with Comprehensive Plan. That the granting of the waiver will be in harmony with the general purpose and intent of this ordinance, and will not be injurious to surrounding areas or otherwise detrimental to the public welfare.

ANALYSIS

In the opinion of the Planning Department the proposed variance request could meet the criteria for variance review and approval. The request to remove approximate +/-63 trees from within the building setback lines could be justified by the applicant's proposal to install canopy trees around the perimeter as required. The current plan shows approximately +/-64 canopy trees around the perimeter. The conceptual plan shows approximately 11 small trees along the perimeter. Those trees will be required to be canopy trees. Thus, bringing the total number of proposed canopy trees on the perimeter of the property to +/-75. The request to remove the required canopy and shrubs on the southern property line could be justified because of the amount of utilities being proposed in the rear of the building. In addition to underground water and sewer, overhead power will most likely be placed in the rear of the building creating conflict for any proposed trees. If approved, staff recommends requiring an 8' good neighbor fence along the length of the southern property line.

CONDITIONS OF APPROVAL

Any condition attached to the approval of a landscape waiver by the Mayor and Board of Aldermen shall run with the land and shall be binding upon the applicants, their heirs, and successors.

Attachment 1
LW 20-01 Aerial



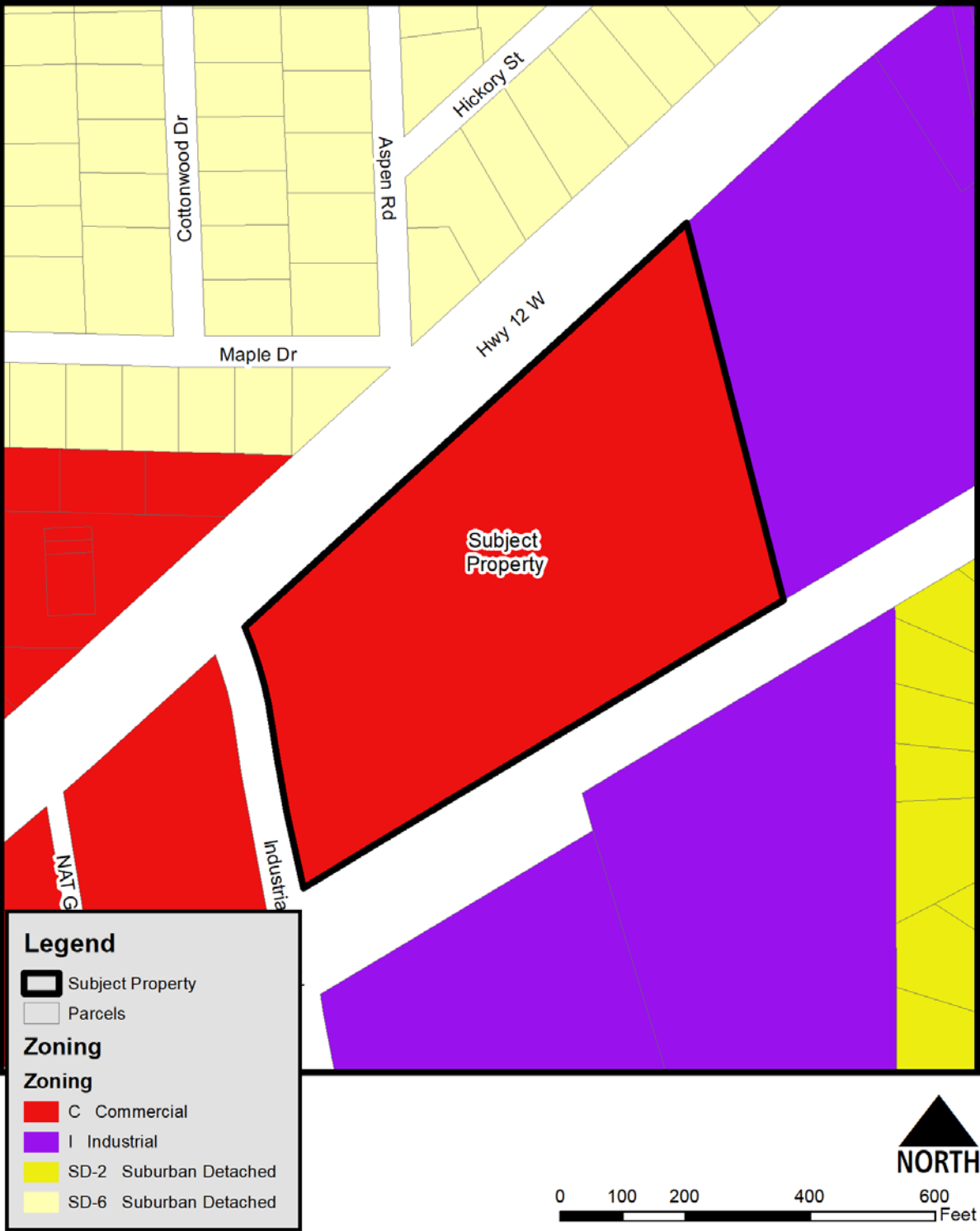
Legend

-  Subject Property
-  Parcels

0 100 200 400 600 Feet

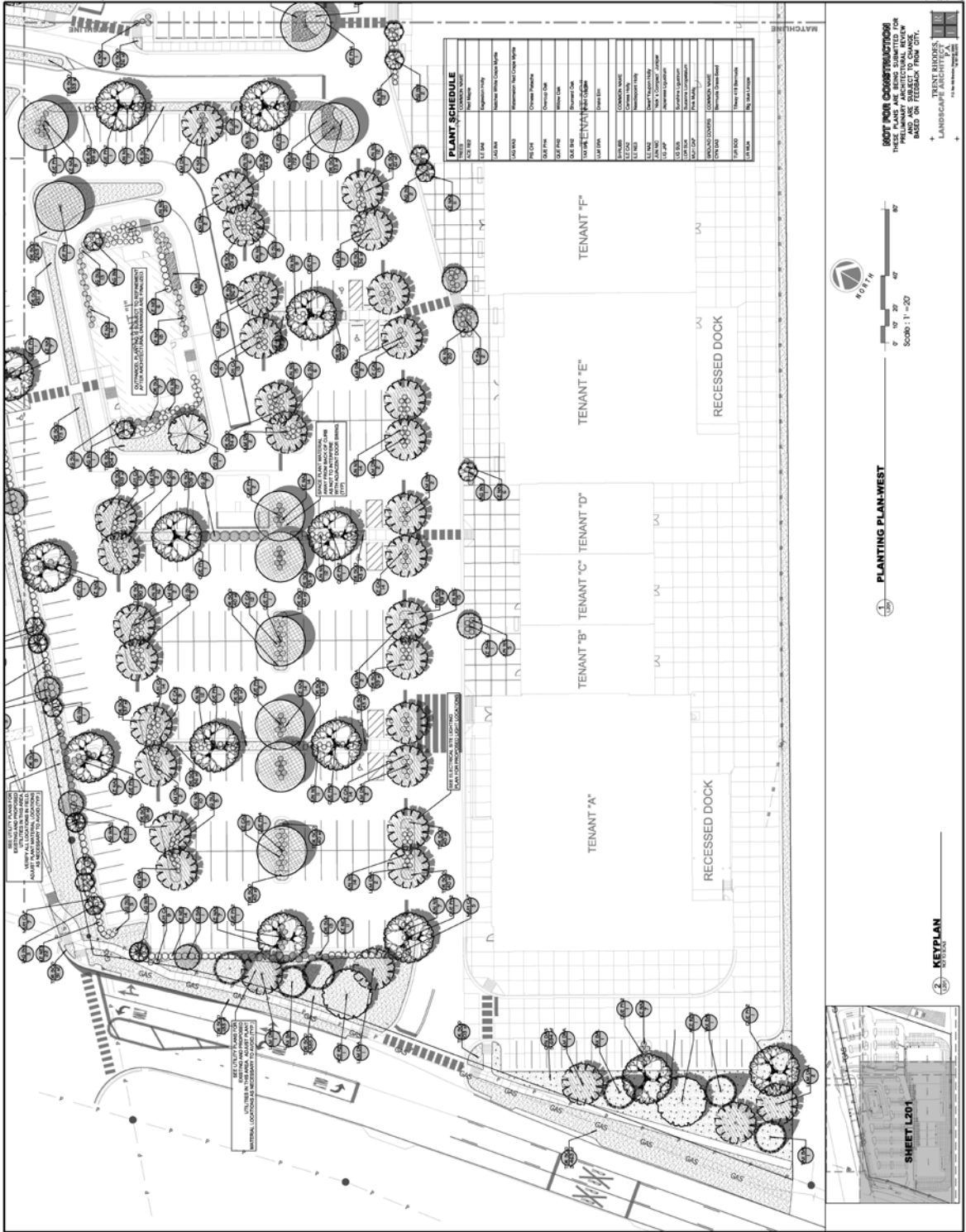


Attachment 2
LW 20-01 Zoning



[illegible]

[illegible]





**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT.: Community Dev.- Planning
AGENDA DATE: September 15, 2020
PAGE: Page 1 of 8

SUBJECT:

Consideration of FP 20-03 request for final plat approval for “Jax Corner Subdivision” the reconfiguration and subdividing of several lots into 2 lots located at 103 Highway 12 West in a C zoning district

SUMMARY:

The applicant Jason Pepper, on behalf of Jody Josey and 4JILP, is requesting Final Plat approval for subdividing and reconfiguring several lots into 2 lots. The proposed subdivision is named “Jax Corner Subdivision”. The total land acreage is +/- 1.84-acres in a Commercial (C) zoning district. Proposed Lot 1 is shown as having an acreage of +/- 0.7 and Lot 2 is shown as having an acreage of +/- 1.1. The subject properties are located at 113 and 103 Hwy 12 West, 720 South Jackson Street, and 15, 17, and 19 Canal Street with the parcel numbers 102H-00-019.00, 102H-00-020.00, 102H-00-020.01, 102H-00-020.02, 102H-00-025.00, 102H-00-024.00, 102H-00-023.00, 102H-00-022.00, and 102H-00-021.00. The Board of Aldermen approved the preliminary plat on April 21, 2020. A Variance from sidewalk requirements was approved by the Board of Aldermen on June 02, 2020. On September 8, 2020 the Planning and Zoning Commission voted 5-0 to recommend approval with 1 condition.

Recommended conditions by the Planning and Zoning Commission:

1. All development and redevelopment on either lot will be required to comply with new access management requirements, stormwater management and any other codes per the UDC.

**REQUESTING
DEPARTMENT:** Community Development

**DIRECTOR'S
AUTHORIZATION:** Dr. Simon Kim

FOR MORE INFORMATION CONTACT:

Daniel Havelin @ 662-323-2525 ext 3136

SUGGESTED MOTION:

Move approval of FP 20-03 a request for Final Plat approval for “Jax Corner Subdivision” with the one recommended condition.



THE CITY OF STARKVILLE
PLANNING DEPARTMENT
PLANNING AND ZONING COMMISSION
 CITY HALL, 110 WEST MAIN STREET
 STARKVILLE, MISSISSIPPI 39759

STAFF REPORT

To:	Members of the Planning & Zoning Commission
From:	Daniel Havelin, City Planner (662-323-2525 ext. 3136) Emily Corban, Assistant City Planner (662-323-2525 ext. 3138)
Subject:	<u>FP 20-03</u> Request for Final Plat approval for "Jax Corner Subdivision" the reconfiguration and subdividing of several lots into 2 lots located at 103 Highway 12 West in a C zoning district
Date:	September 8, 2020

The purpose of this report is to provide information regarding the request by Jason Pepper on behalf of Jody Josey and 4JI LP for Final Plat approval for subdividing and reconfiguring several lots into 2 lots. The proposed subdivision is named "Jax Corner Subdivision". The total land acreage is +/- 1.84-acres in a Commercial (C) zoning district. Proposed Lot 1 is shown as having an acreage of +/- 0.74 and Lot 2 is shown as having an acreage of +/- 1.1. The subject properties are located at 113 and 103 Hwy 12 West, 720 South Jackson Street, and 15, 17, and 19 Canal Street with the parcel numbers 102H-00-019.00, 102H-00-020.00, 102H-00-020.01, 102H-00-020.02, 102H-00-025.00, 102H-00-024.00, 102H-00-023.00, 102H-00-022.00, and 102H-00-021.00. Please see attachments 1-4.

ZONING DISTRICT INFORMATION

Below is information pertaining to a Commercial Use in a C- Commercial zoning district:

Commercial Use

A. Lot Dimensions	C
A1 Lot size (min)	*
A2 Lot width (min)	*
B. Building/Structure Setbacks	C
B1 Front setback min	20'
B2 Front setback max	N/A
B3 Side setback	10'
B4 Side setback adjacent to detached residential	50'
B5 Side setback corner lot	20'
B6 Rear setback	20'
B7 Rear setback adjacent to detached residential	50'
D. Parking Setbacks	C
D1 From primary street	5'
D2 From side street	5'
D3 From side and rear property line	5'
D4 From side rear property line adjacent to detached residential	See buffer yard requirements
E. Height	C
E1 Principle building(s) (max)	50', 4 story
E2 Accessory building(s) (max)	15', 1 story
F. Pedestrian Access	C

F1 Street-facing primary entrance along street yes

Commercial Use-Continued

F2 Sidewalk connection to street from each entrance yes

G. Mixed-Use C

G1 Residential yes, above 1st floor

G2 Industrial no

*lots must be of a sufficient size to accommodate the proposed use and meet all subsequent development standards

**see use chart and additional standards

GENERAL INFORMATION:

- The subdivision has a gross acreage of +/- 1.84 acres with a total of 2 lots.
- Proposed Lot 1 is composed of 0.7 acres. Lot 2 is composed of 1.1 acres.
- The final plat is a Class "B" survey prepared by a professional licensed by the Mississippi Board of Licensure for Professional Engineers and Surveyors and meets the minimum standards for the State of Mississippi, as required by §17-1-23 and §17-1-25 of the Mississippi Code Annotated (1972), as amended.
- The applicant has not identified any adversely affected parties to the subdivision.
- All easements are provided on the Final Plat. The Applicant shall meet the requirements of the electrical service, potable water, and sanitary sewer utility services provider.

FINAL PLAT INFORMATION:

- Approval of a final plat by the Mayor and Board of Aldermen shall be denoted by the issuance of a letter of final plat approval and required signatures on the final plat. One (1) paper copy, a digital copy as a Portable Document Format (PDF), and AutoCAD file of the approved final plat shall be retained in the Planning Department's files. The final plat shall be filed with the office of the chancery clerk of Oktibbeha County within sixty (60) days or the plat shall be void. A deposit in the amount of two hundred dollars (\$200) shall be required to guarantee the return of one (1) signed copy of the final plat to the city planner.
- If the final plat approval is recommended conditionally, the conditions and reasons therefore shall be stated, and if necessary, the Planning and Zoning Commission or Mayor and Board of Aldermen may require that the subdivider submit a revised final plat.
- If denied by the Planning and Zoning Commission or the Board of Aldermen, the reasons for such action shall be stated, and if possible, recommendations should be made on the basis of which the proposed subdivision could be recommended for approval. A denied final plat may be resubmitted to the Planning and Zoning Commission and the Mayor and Board of Aldermen after the suggested changes have been made.
- Whenever a subdivider has been issued a notice of final plat approval from the Mayor and Board of Aldermen, the staff shall be authorized to execute a certificate of final plat approval on the plat upon certification by the City Clerk that the City has received both of the following:
 - o An executed development agreement for any outstanding improvements between the subdivider and the city to install the required improvements.
 - o An approved form of surety as approved by the City Attorney to complete the improvements and installations for the subdivision shall be in compliance with these

rules and regulations. Such surety shall not exceed two hundred percent (200%) of the estimated cost of the improvements.

ANALYSIS

In the opinion of the Planning Department the proposed Final Plat request could meet the criteria for final plat review and approval.

CONDITIONS OF APPROVAL

Any condition attached to the approval of a final plat by the Mayor and Board of Aldermen shall run with the land and shall be binding upon the applicants, their heirs, successors, and assigns for the duration of the subdivision. The following conditions are recommended by City Staff:

Engineering:

1. All development and redevelopment on either lot will be required to comply with new access management requirements, stormwater management and any other codes per the UDC.

Attachment 1
FP 20-03- Aerial



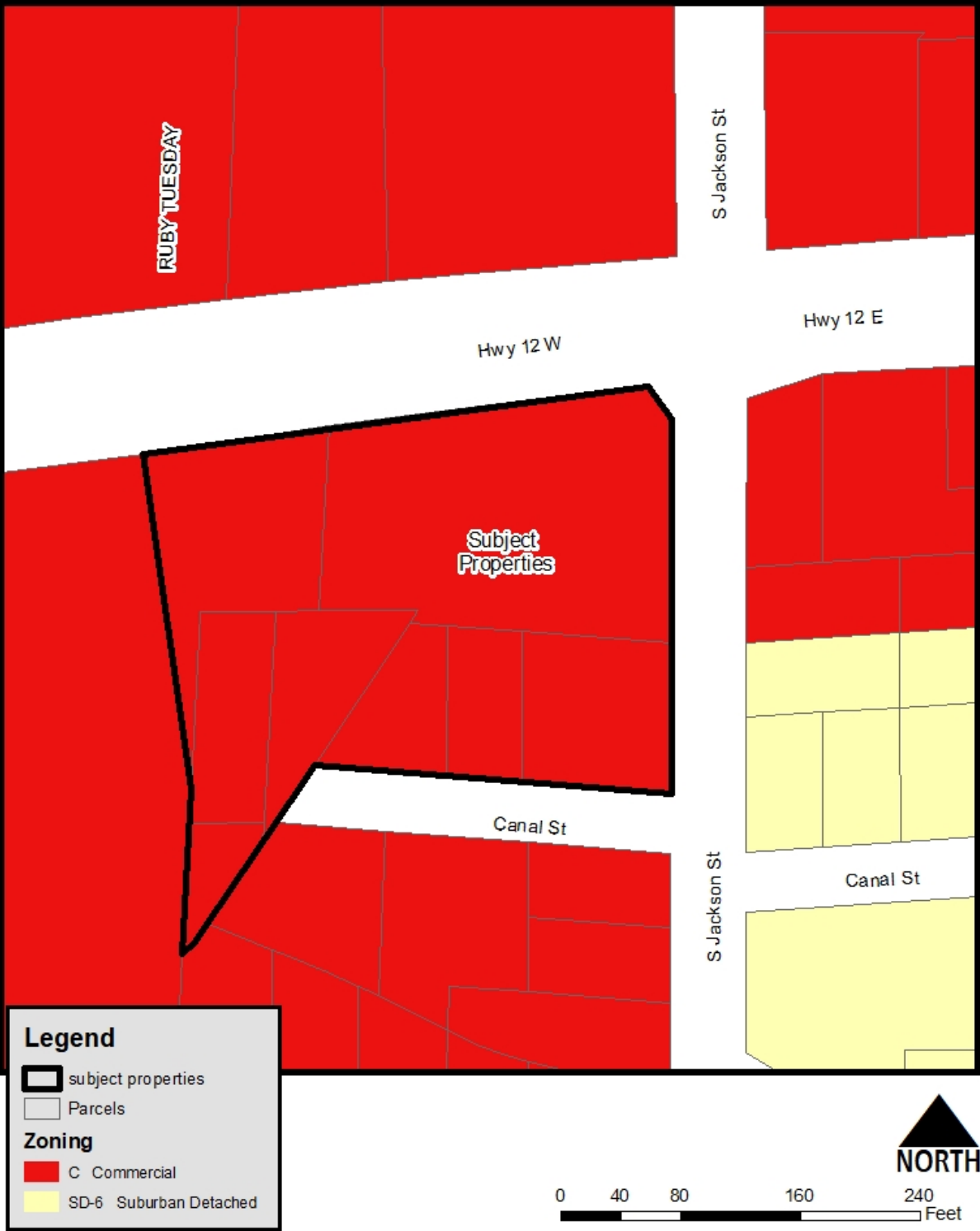
Legend

-  subject properties
-  Parcels

0 40 80 160 240 Feet

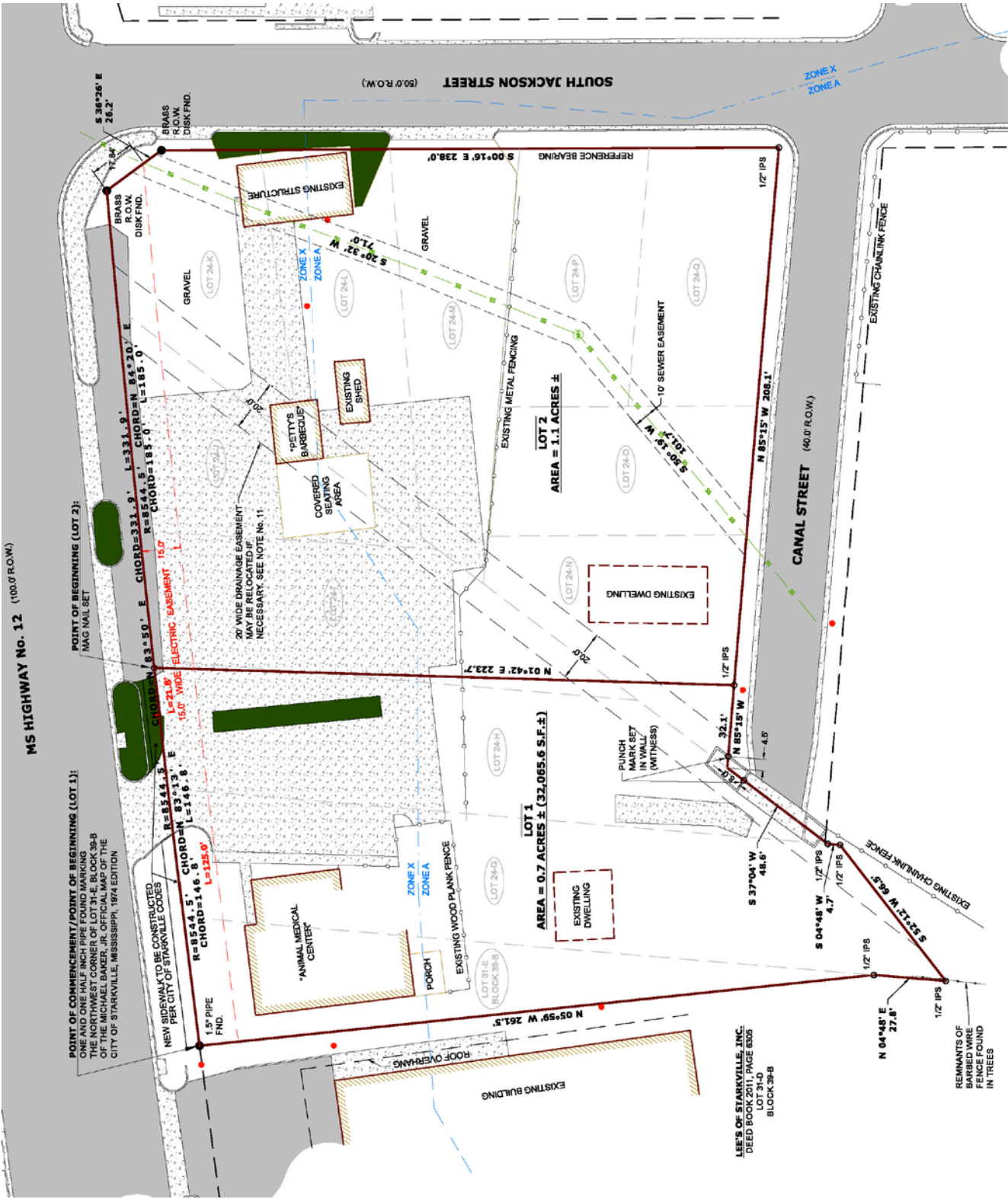


Attachment 2
FP 20-03- Zoning



[illegible]

Attachment 4- Enlarged Plat





**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT.: Engineering
AGENDA DATE: 09.09.2020
PAGE: 1

SUBJECT: Consideration of Kimley-Horn and Associates, Inc., Supplemental Agreement No. 1, Highway 182 from Long Street to Old West Point Road, Oktibbeha County, MS, Build Grant Project No. Fbld-7113-00(004)/108418-811000.

AMOUNT & SOURCE OF FUNDING

FISCAL NOTE:

AUTHORIZATION HISTORY:

**REQUESTING
DEPARTMENT:** Board of Aldermen

**DIRECTOR'S
AUTHORIZATION:**

FOR MORE INFORMATION CONTACT:

This is the first supplemental agreement for Professional Services for the BUILD Grant. It is for additional historical and cultural resources services which were not initially anticipated but are now required by MDOT and FHWA. Attached is information related to the contract supplement.

SUGGESTED MOTION: Move for approval of Professional Services Supplemental Agreement #1 for the BUILD Grant project related to Preliminary Engineering Services.

Between the
The City of Starkville
And
Kimley-Horn and Associates, Inc

SUPPLEMENTAL AGREEMENT NO. 1

Highway 182 from Long Street to Old West Point Road
Oktibbeha County
Project No. FBLD-7113-00(004)/108418-811000

WHEREAS, Kimley-Horn and Associates, Inc (the CONSULTANT) entered into the Engineering Services Contract with the City of Starkville (the LPA) on the 7th of May, 2020, to perform conceptual design phase services for the Highway 182 Corridor Revitalization Project from North Long Street to Old West Point Road in Starkville, Mississippi. These services will include project coordination, environmental studies (categorical exclusion) without new ROW, field survey, conceptual design development, roadway hydraulic design, and utility relocation preliminary studies and engineering, as provided for in Project No. FBLD-7113-00(004)/108418-801000 the PROJECT); and,

WHEREAS, the CONSULTANT has been requested to provide **additional environmental studies as a result of a change from no new ROW to the requirement for permanent utility easements and an escalations of documentation from a programmatic categorical exclusion to a D-list categorical exclusion** resulting from a change in the scope of the project; and,

WHEREAS, the LPA agrees that the CONSULTANT is entitled to additional compensation for Additional Services (Extra Work) as required by the LPA; and

WHEREAS, the CONSULTANT agrees to perform the Extra Work for an additional cost not to exceed \$56,150.77;

NOW THEREFORE, it is mutually agreed that the CONSULTANT will accomplish such Additional Services (Extra Work) in accordance with the Contract as modified herein and the LPA will compensate the CONSULTANT for services as follows:

Scope-of-Work

The CONSULTANT has been requested to provide additional services related to the PROJECT: see **Attachment A**

The Maximum Allowable Cost shall be amended to add the sum of \$56,150.77 so the revised total Maximum Allowable Contract Cost is \$566,423.15. The revised total Fixed Fee shall be \$39,598.13. The new Maximum Allowable Cost is delineated below in the Fee and Expense Schedule.

Fees and Expenses Schedule:

1

	Labor	Direct Cost	Fixed Fee	Subconsultants	Phase Total
Original	\$314,951.67	\$6,248.25	\$37,705.58	\$149,902.88	\$510,272.38
SA #1	\$15,803.94	\$2,723.00	\$1,892.55	\$35,731.28	\$56,150.77
Totals	\$330,755.61	\$8,971.25	\$39,598.13	\$185,634.16	\$566,423.15

This Supplemental Agreement in no way modifies or changes the original of which it becomes a part except as specifically stated herein.

Dated, the _____ day of _____, 20__.

The City of Starkville

Mayor Lynn Spruill

Dated, the _____ day of _____, 20__.

Kimley-Horn and Associates, Inc

Drake Danley, authorized signer

Attachment A: Scope of Work

GENERAL REQUIREMENTS

The following engineering services shall be performed by the CONSULTANT on behalf of the LPA in accordance with this CONTRACT at the direction of the LPA.

The following engineering services shall be performed by the CONSULTANT in accordance with this CONTRACT and the latest Project Development Manual (PDM) for the LPA at the time of the execution of this CONTRACT.

A Project Schedule is required. Work progression is to proceed in accordance with the attached agreed Project Schedule. A status report along with an updated Project Schedule is required monthly. This report is to be submitted by the 7th of each month to the LPA for their signature and then submitted to the MDOT District LPA Coordinator. This monthly report is to be submitted by the CONSULTANT and will update the LPA on the status of the project. Recent milestones in plan development, such as the submittal of plans for review, shall be documented. Also, the target dates for the future milestones should be included.

The CONSULTANT shall, if requested by MDOT or LPA, attend any meetings concerning this Project.

TYPICAL ITEMS/MATERIALS PROVIDED BY THE LPA AND/OR MDOT

Based on availability, the LPA may provide information to the CONSULTANT including but not limited to plans and information from previous studies and projects including but not limited to environmental studies, USGS reports, traffic studies, roadway and bridge plans, bridge inspection reports, underwater inspection reports, pile records, CADD files, survey control points.

The LPA will provide a single point-of-contact for day-to-day coordination.

ENVIRONMENTAL STUDIES (CATEGORICAL EXCLUSION) WITH NEW ROW*

*New ROW includes donated ROW and permanent easements. New ROW does not include temporary easements.

The CONSULTANT will perform various Engineering and Environmental studies necessary to prepare a Categorical Exclusion, in accordance with the US Department of Transportation, Federal Highway Administration Technical Advisory T 6640.8A, Guidance for Preparing and Processing Environmental Documents and Section 4 (F) Documents; Federal-Aid Policy Guide 23 CFR 770, 771, 772, and 777 at the time this CONTRACT is executed; and MDOT Project Development/Environmental Documentation, S.O.P. No. ENV-02-01-00-000 and other related Federal and State regulations, laws and/or procedures that may be in effect at the time this CONTRACT is executed.

The CONSULTANT will perform various engineering and environmental studies in accordance with the general requirements as indicated below.

NEPA Documentation and Approval

The purpose of this task is to develop the CE documentation, consistent with the requirements of the Federal Highway Administration (FHWA) guidance as outlined in FHWA Technical Advisory T6640.8A, Guidance for Preparing and Processing Environmental and Section 4(f) Documents as well as the Mississippi Department of Transportation's (MDOT) Environmental Procedures Manual.

Kimley-Horn will incorporate the Purpose and Need, project description, project plans, and results of the environmental technical studies into the environmental document. As a part of the environmental documentation, tables and figures will be developed to illustrate and explain the project area characteristics, alternatives, as well as location and comparison of anticipated impacts.

Following completion of the document by Kimley-Horn, the environmental document will be submitted to the City of Starkville for review and comment. Kimley-Horn will then revise the environmental document based on the City's comments. Once the City of Starkville approves the environmental document, the document will be submitted to the MDOT Environmental Division and the Federal Highway Administration for review and subsequent approval.

NEPA Deliverables:

- Draft Categorical Exclusion document for the City of Starkville's review and approval (electronic copy in Adobe PDF format)
- Draft Categorical Exclusion document for MDOT's review (electronic copy in Adobe PDF format)
- Final Categorical Exclusion document for FHWA's review and approval (electronic copy in Adobe PDF format)

Cultural Resource Survey – (Completed by New South Associates)

Cultural resource investigations shall comply with federal and state laws. Failure to obtain Section 106 of the National Historic Preservation Act (NRHP) clearance will jeopardize federal funding and result in stoppage of the project by the MDOT/FHWA. The following resources shall be assessed via a Cultural Resource Survey, which includes, but may not necessarily be limited to the following:

1. archaeological and architectural resources located within the project Area of Potential Effect in accordance with *MDOT Guidelines for Contractors on Archaeological Investigations and Reports* and *Mississippi Department of Archives and History Guidelines for Archaeological Investigations and Reports in Mississippi*;
2. systematic pedestrian survey examining for cultural material; and
3. standing structures over 50 years of age or for National Register of Historic Places eligibility.

The CONSULTANT shall prepare a summary report to include determinations of eligibility for the NRHP for all cultural resources located during the survey. All reports (including draft, preliminary and final) shall be prepared in accordance with MDOT and Mississippi Department of Archives and History (MDAH) guidelines and in accordance with all Federal codes and regulations related to cultural resources management that may be in effect at the time of the work assignment.

Environmental Site Assessments (Hazardous Materials Assessment)

The original scope called for the preparation of an amended Phase I Environmental Site Assessment (ESA) / hazardous substance review within the right-of-way. This involved a visual site reconnaissance and a review of available data provided by the MDEQ. Project updates now call for the acquisition of permanent land easements outside the ROW. As such, the acquisition of properties requires the completion of a full Phase I Environmental Site Assessment (ESA). The ESA shall be conducted in accordance with the Mississippi Department of Environmental Quality, United States Environmental Protection Agency, Local, State, and Federal regulations.

The scope below includes a full Phase I ESA. Should findings determine that additional investigations need to take place, i.e soil sampling & analysis, groundwater sampling and analysis (Phase II ESA), a soils management plan, and/or a worker safety plan, these items will be determined, and scope provided at a later date.

The Phase I ESA scope of services described in this proposal addresses the due diligence procedures and methodology presented in ASTM E 1527-13. The purpose of the Phase I ESA is to provide the following:

1. An identification of Recognized Environmental Conditions (RECs) as defined in ASTM E 1527-13, 1.1.1
2. An opinion of the impacts on the property resulting from conditions identified during the investigation, by a qualified Environmental Professional (EP) (ASTM E 1527-13, 12.6)
3. An opinion, by a qualified EP, on the need for additional investigations (ASTM E 1527-13, 12.6.1)
4. A statement consistent with ASTM E 1527-13, 12.13, on the qualifications of the EP and the suitability of the Phase I ESA to meet the requirements of the All Appropriate Inquiry Rule, CFR 40 312.

Kimley-Horn's scope of services for conducting the Phase I ESA consists of the tasks set forth below. The following tasks only refer to that information that is defined as reasonably ascertainable (ASTM E 1527-13, 6.2.1).

Sub-Task 1 - Records Review

This task will be conducted by Kimley-Horn consistent with ASTM E 1527-13, 8.0 and will consist of the following:

1. *Record Search* – An environmental/hazardous materials database search will be ordered from EDR (<https://edrnnet.com/>) which will encompass the minimum search distances listed in ASTM E1527-13, 8.2.1. This report will be reviewed for known and suspect contaminated sites. Where available, local environmental agency, and other local governmental authority files, as defined in ASTM E 1527-13, 8.2.2.1 may be reviewed, if the EP determines the files to be reasonably ascertainable and relevant to the successful completion of the Phase I ESA.
2. *IC/EC Registries* – Kimley-Horn will review readily available databases on institutional and engineering (IC/EC) controls and Activity Use Limitations (AULs).
3. *Title Search and Judicial Records* – Kimley-Horn will review these documents as provided by the Client.

4. *Aerial Photograph Review* – Kimley-Horn will retrieve and examine readily available historical aerial photographs of the site and the surrounding vicinity. Aerial photographs will be researched to the earliest date that is reasonably obtainable.
5. *Review of Local City Directories and Historical Maps* – Kimley-Horn will obtain and review readily available historical city directories, fire insurance maps, and historical topographic maps.
6. *Other Historical Sources* – Should Kimley-Horn determine that other non-traditional sources may provide information relevant to the completion of the Phase I ESA; these sources will be reviewed and documented.

Sub-Task 2 Site Reconnaissance

Kimley-Horn will conduct a site reconnaissance consistent with ASTM E 1527-13, 9.0. The Site Reconnaissance will be non-invasive. We will not collect and/or analyze any samples. We assume that we will be allowed appropriate access to all areas of the site and that the site reconnaissance shall be conducted as a single event. Should, an additional site reconnaissance be required due to access limitations, the additional site reconnaissance shall be considered additional services.

Sub-Task 3 - Interviews

Consistent with ASTM E 1527-13, 10.5.2.3 and 10.5.4 Kimley-Horn will make a reasonable attempt to conduct the following interviews:

1. Kimley-Horn will attempt to interview current and past owners, operators and occupants of the property that have or are likely to have material information regarding uses, physical characteristics and the potential for RECs at the subject property consistent with ASTM E 1527-13 sections 10.5.1, 10.5.2, 10.5.2.1, 10.5.2.2, and 10.5.4.
2. In the case of abandoned properties as defined in ASTM E 1527-13, 3.2.1, where there is evidence of uncontrolled access or unauthorized uses, Kimley-Horn will attempt to interview current neighboring or nearby property owners (ASTM E 1527-13, 10.5.5).
3. Kimley-Horn will attempt to interview one or more of the following state or local agencies as defined in ASTM 1527-13, 11:
 - a) Local fire department
 - b) Local health agency
 - c) Local environmental regulatory agency

Sub-Task 4 - Report Preparation

Upon completion of the aforementioned sub-tasks, Kimley-Horn will prepare a summary report of the results of the Phase I ESA as outlined in Appendix X4 of ASTM E 1527-13 and in accordance with the MDEQ Environmental Procedures Manual. Kimley-Horn will provide the report to the Client in electronic format (portable document format).

User-Provided Information

The following information shall be provided by the User/Client, the accuracy of which Kimley-Horn will be entitled to rely upon. This information is required for the Client to meet the requirements of the Landowner Liability Protections (LLPs) (ASTM E 1527-13, 1.1 and 3.2.49)

and for Kimley-Horn to conduct the Phase I ESA consistent with ASTM E 1527-13. This information is required prior to the site reconnaissance.

1. A completed ASTM User Questionnaire
2. Copy of the title documentation and/or judicial records pertaining to environmental liens and AULs, along with a summary of actual knowledge of the Client of AULs or environmental liens
3. If applicable, reason for significant reduction in purchase price of the subject property
4. Any specialized knowledge and/or experience relating to RECs in connection with the subject and adjacent properties
5. All environmental reports available for the property
6. Commonly known or reasonably ascertainable information that the Client is aware of relevant to RECs associated with the property

Other information that is required by Kimley-Horn for completion of the Phase I but not for application to the LLPs is as follows:

1. Site address and location
2. Property owner and operator contact names and telephone numbers
3. Site plans showing property boundaries and improvements
4. List of tenants
5. Access to all areas of the site

Threatened and Endangered Species Assessment

It is not anticipated that a Threatened and Endangered Species Assessment will be required for this project due to the project occurring in an urban setting. If a Threatened and Endangered Species Assessment is deemed necessary by the Client, these services can be provided by Kimley-Horn in accordance with the Additional Services clause of this agreement.

Noise Studies

Given the current scope of work, this project is understood to classify as a Type III project under FHWA guidelines. Type III projects do not require a noise analysis.

Relocation Assessments

No business, residential or non-profit organization displacements are anticipated with the construction of the proposed project. If a Relocation Assessment is deemed necessary for this project, this service can be provided by Kimley-Horn in accordance with the Additional Services clause of this agreement.

Farmland Assessment

Given the project is located within the urban setting, it is assumed that coordination with the Natural Resource and Conservation Service (NRCS) will not be required. If farmland resources are identified and coordination with the NRCS is deemed necessary by the Client, these services can be provided by Kimley-Horn in accordance with the Additional Services clause of this agreement.

ACRONYM DEFINITION

AASHTO	American Association of State Highway and Transportation Officials
BOP	Beginning of Project
CBR	California Bearing Ratio
CD	Collector/Distributor Road
CLOMR	Conditional Letter of Map Revision
CPT	Cone Penetrometer
EOP	End of Project
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
GLO	General Land Office
GPS	Global Positioning System
ITS	Intelligent Transportation Systems
LCNOI	Large Construction Notice of Intent
LOMR	Letter of Map Revision
LPA	Local Public Agency
LRFD	Load Resistance Factor Design
MDOT	Mississippi Department of Transportation
MSE	Mechanically Stabilized Earth
MUTCD	Manual on Uniform Traffic Control Devices
NFIP	National Flood Insurance Program
NWI	National Wetland Inventory
OHWM	Ordinary High Water Marks
PDM	Project Development Manual
ROW	Right-of-Way
RQD	Rock Quality Designation
SMD	MDOT Survey-Maps/Deeds Section
SOP	Standard Operating Procedures
TO	Transportation Operations
USACE	United States Army Corps of Engineers
USFW	United States Fish and Wildlife Service
USGS	United States Geological Survey
WRP	Wetland Reserve Program



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT.: Engineering
AGENDA DATE: 09.15.20
PAGE: 1

SUBJECT: Consideration of support for a joint University-County-City partnership application for a Transportation Alternatives Program Project which proposes a path connecting the proposed BUILD grant to Collegeview Drive.

AMOUNT & SOURCE OF FUNDING

FISCAL NOTE:

AUTHORIZATION HISTORY:

**REQUESTING
DEPARTMENT:** Board of Aldermen

**DIRECTOR'S
AUTHORIZATION:**

FOR MORE INFORMATION CONTACT:

Attached is a letter calling for TAP applications for the upcoming year. The City-County- University has partnered on several TAP projects in the past including: Linkage (construction estimated in Spring 2021), Locksley Way, and Russell Street.

TAP projects require a 20% local match and this match has been shared equally by all three entities in the past.

A full cost estimate has not yet been completed but the total project is not anticipated to exceed \$1 Million. In that scenario, the obligation for each entity will be approximately \$67,000.

The proposed project entails a path extending from the termini of the BUILD grant (approximately at Old West Point Road) and extending east along Hwy 182 and then through undeveloped MSU property to connect to Collegeview Street. See the attached exhibit for a graphic representation.

MSU will be the lead agency for this application since the City currently has an active project and the County recently was the lead for Locksley Way.

SUGGESTED MOTION: Move for approval to support a joint University-County-City partnership application for a Transportation Alternatives Program Project which proposes a path connecting the proposed BUILD grant to Collegeview Drive.

Melinda L. McGrath
Executive Director

P. O. Box 1850
Jackson, MS 39215-1850
Telephone (601) 359-7249
FAX (601) 359-7050
GoMDOT.com



Brian D. Ratliff
Deputy Executive Director/Chief Engineer
Lisa M. Hancock
Deputy Executive Director/Administration
Willie Huff
Director, Office of Enforcement
Charles R. Carr
Director, Office of Intermodal Planning

August 3, 2020

Subject: Transportation Alternatives Program 2020

To Whom it may Concern:

The Mississippi Transportation Commission (MTC) has authorized the Mississippi Department of Transportation (MDOT) to solicit for applications for the Transportation Alternatives (TA) Program. The MTC encourages any city, county, college/university, or other eligible entity to apply for TA funding.

All TA applications shall be postmarked by the deadline date of **September 30, 2020** for consideration. The guidelines and procedures for submitting a TA project applications can be accessed online at the link shown below. Please review the application package carefully to ensure all specific TA Program eligibility requirements are met.

<https://mdot.ms.gov/documents/LPA/TA%20BOOKLET%20-%202020%20Updates-8-4-2020.pdf>

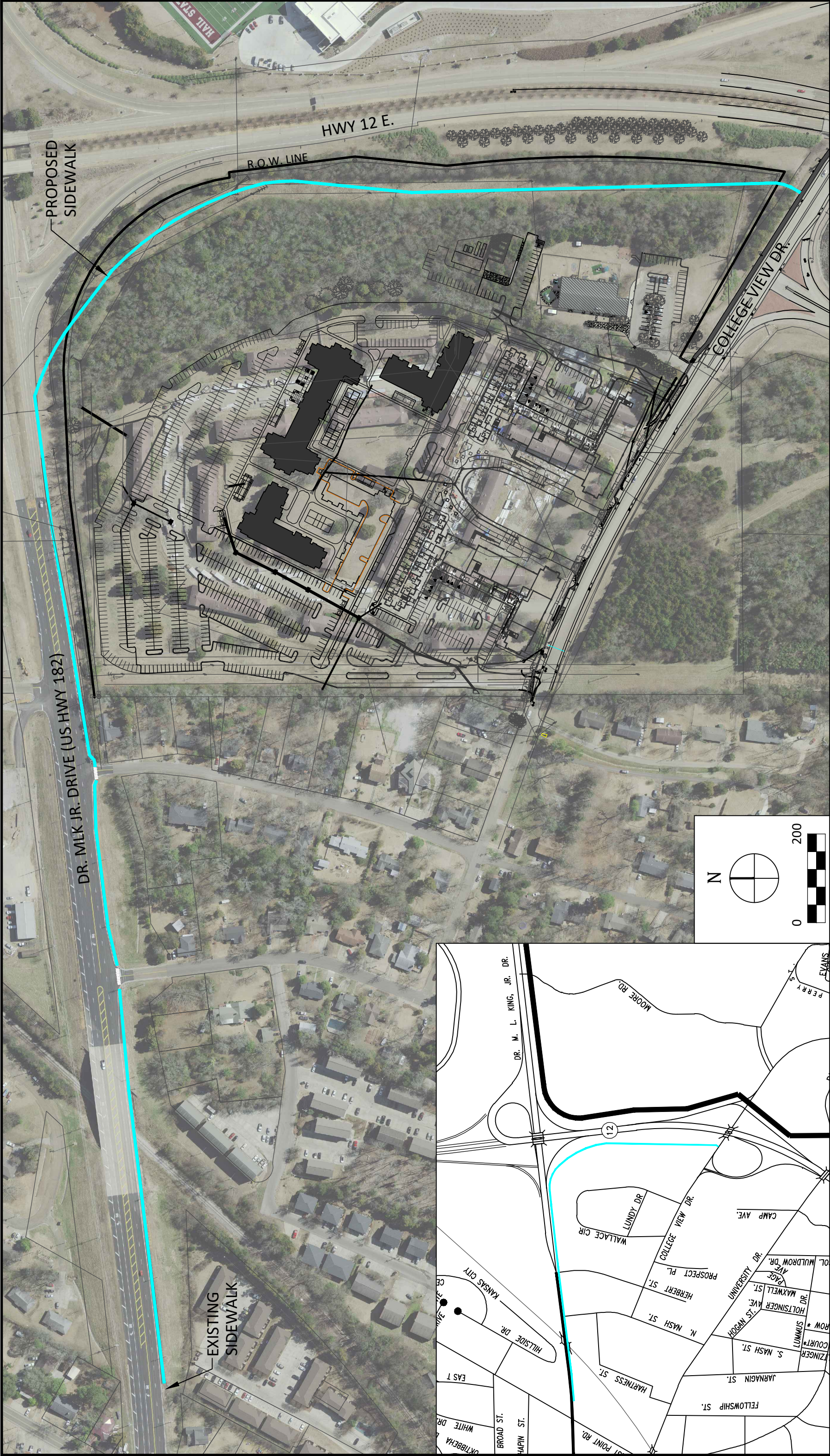
All applications should be submitted directly to the MDOT Local Public Agency (LPA) Division. Applications will be evaluated and prioritized based on criteria discussed in the guidelines and procedures. For further information you may contact Paula H. Morgan, TA Coordinator, in the MDOT LPA Division at 601-359-7222.

Sincerely,

A handwritten signature in blue ink, appearing to read "Lee Frederick".

Lee Frederick, P.E.
State LPA Engineer

TLF:phm



PROPOSED SIDEWALK
EXHIBIT



TAP GRANT
STARKVILLE, MISSISSIPPI



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT.: Finance
AGENDA DATE 09/15/2020
PAGE: 1 of several

SUBJECT: Claims Docket

AMOUNT & SOURCE OF FUNDING: FY 2019 – 2020 Budget

FISCAL NOTE: Total Claims for the FY 20 Claims Docket Ending September 09, 2020 is \$3,453,341.94
Of which the claims amount for Starkville Utilities is \$1,994,437.33

**REQUESTING
DEPARTMENT:** Finance and Administration

**DIRECTOR'S
AUTHORIZATION:** Lesa Hardin

FOR MORE INFORMATION CONTACT: Lesa Hardin, City Clerk / CFO or
Leanne McGarr, Deputy Clerk – Accounts Payable

SUGGESTED MOTION: Approval of Claims Docket for claims from all departments including Starkville Utilities Department as of September 09, 2020 for fiscal years ending 09/30/20, acknowledging that the City Clerk has attested and certified on the cover of the Claims Docket that all claims on the docket are true, accurate, lawful and proper to the best of her knowledge, for payment pursuant to her duties under Miss. Code Sections 21-39-5, 21-39-7, 21-39-9, 21-39-17 and 21-15-21.



City of Starkville, MS

Expense Approval Report

By Fund

Post Dates 9/3/2020 - 9/9/2020

Vendor Name	Payable Number	Payable Date	Description (Item)	Account Number	Amount
Fund: 001 - GENERAL FUND					
Department: 000 - UNDESIGNATED					
Outstanding					
ADVANCED COVERT TECHNOLOGY	20-20328	08/17/2020	CONCEALED LISTENING EQUIPMENT	001-000-334-126	3,106.00
MARK E. SHAW	5	09/04/2020	CONTRACT LABOR 08/24/20 - 09/4/20	001-000-054-205	322.50
Outstanding Total:					3,428.50
Department 000 - UNDESIGNATED Total:					3,428.50
Department: 100 - BOARD OF ALDERMEN					
Outstanding					
CSPIRE WIRELESS	08.25.20	08/25/2020	ACCT#0030349386-CELL PHONE BILL	001-100-604-330	188.39
Outstanding Total:					188.39
Department 100 - BOARD OF ALDERMEN Total:					188.39
Department: 110 - MUNICIPAL COURT					
Outstanding					
QUADIENT LEASING USA, INC.	N8456366	08/27/2020	LEASE #N19091633 09.27.20-12.26.20	001-110-604-330	43.50
LEXISNEXIS	3092823129	08/31/2020	SERVICES FOR AUGUST 2020	001-110-600-300	321.00
Outstanding Total:					364.50
Department 110 - MUNICIPAL COURT Total:					364.50
Department: 120 - MAYORS OFFICE					
Outstanding					
QUADIENT LEASING USA, INC.	N8456366	08/27/2020	LEASE #N19091633 09.27.20-12.26.20	001-120-604-330	43.50
CORNERSTONE GOVERNMENT AFFAIRS, INC.	COSMS-0920	09/01/2020	AUGUST 2020 CONSULTING SERVICES	001-120-600-300	3,333.33
Outstanding Total:					3,376.83
Department 120 - MAYORS OFFICE Total:					3,376.83
Department: 123 - IT					
Outstanding					
WAUKAWAY DISTRIBUTORS, INC	61110	08/11/2020	4 FIVE GALLON BOTTLES OF WATER -IT	001-123-691-550	32.80
CADENCE /ELAN VISA	08.25.20	08/25/2020	GATE.COM WEBHOSTING	001-123-600-300	157.45
CSPIRE WIRELESS	08.25.20	08/25/2020	ACCT#0030349386-CELL PHONE BILL	001-123-604-330	192.24
MAXXSOUTH BROADBAND	INV0032564	08/28/2020	ACCT #8282 41 101 0589548 CAMERA PROJECT	001-123-604-330	440.00
WAUKAWAY DISTRIBUTORS, INC	CLR0920-48	09/01/2020	MONTHLY COOLER RENTAL -IT DEPT.	001-123-691-550	10.00
GOVERNMENT LEASING COMPANY	23104-14	09/08/2020	LEASE #23104/ SAFECITY CAMERAS	001-123-918-806	1,153.00
GOVERNMENT LEASING, LLC	23851-8	09/08/2020	LEASE #23851/5 SAFECITY CAMERAS	001-123-918-806	667.00
Outstanding Total:					2,652.49
Department 123 - IT Total:					2,652.49
Department: 145 - OTHER ADMINISTRATIVE					
Outstanding					
MML*MS MUNICIPAL LEAGUE	31892	08/13/2020	2020 MML MEMBER DUES 10.01.20-09.30.21	001-145-690-556	7,466.00
CSPIRE WIRELESS	08.25.20	08/25/2020	ACCT#0030349386-CELL PHONE BILL	001-145-604-330	47.19

Expense Approval Report

Post Dates: 9/3/2020 - 9/9/2020

Vendor Name	Payable Number	Payable Date	Description (Item)	Account Number	Amount
QUADIENT LEASING USA, INC.	N8456366	08/27/2020	LEASE #N19091633 09.27.20-12.26.20	001-145-604-330	43.50
MS MUNICIPAL CLERKS AND COLLECTORS	INV0032562	08/28/2020	2020 DUES	001-145-690-556	90.00
CENTER FOR GOV'T & COMM. DEVELOPMENT*	INV0032568	08/28/2020	FALL 2020 CMC REGISTRATION/MARY IVY	001-145-610-350	200.00

Outstanding Total: 7,846.69

Department 145 - OTHER ADMINISTRATIVE Total: 7,846.69

Department: 159 - BONDING-CITY EMPLOYEES

Outstanding

REYNOLDS/RENASANT INSURANCE AGENCY	1091820	08/27/2020	BOND FOR LEANNE MCGARR	001-159-620-371	175.00
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Outstanding Total: 175.00

Department 159 - BONDING-CITY EMPLOYEES Total: 175.00

Department: 169 - LEGAL

Outstanding

STARKVILLE DAILY NEWS	INV0032558	09/08/2020	ACCT#0007833 ADVERTISING-PARKS	001-169-615-342	795.00
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Outstanding Total: 795.00

Department 169 - LEGAL Total: 795.00

Department: 180 - HUMAN RESOURCES

Outstanding

CLINIC AT ELM LAKE, THE	27407	08/13/2020	TESTING FOR JESI MARSH	001-180-600-320	30.00
CLINIC AT ELM LAKE, THE	27419	08/14/2020	TESTING FOR TERRY C THOMPSON	001-180-600-320	30.00
CLINIC AT ELM LAKE, THE	27427	08/17/2020	TESTING FOR MEGAN AUCOIN	001-180-600-320	30.00
AMAZON CAPITAL SERVICES, INC.	114G-4W1J-9MN6	08/24/2020	WEBCAM, HARD DRIVE,	001-180-501-200	156.99
CSPIRE WIRELESS	08.25.20	08/25/2020	ACCT#0030349386-CELL PHONE BILL	001-180-604-330	51.47
QUADIENT LEASING USA, INC.	N8456366	08/27/2020	LEASE #N19091633 09.27.20-12.26.20	001-180-604-330	43.50
CADENCE /ELAN VISA	INV0032566	09/02/2020	INDEED.COM-AUGUST 2020 ADVERTISING	001-180-610-340	22.61

Outstanding Total: 364.57

Department 180 - HUMAN RESOURCES Total: 364.57

Department: 190 - CITY PLANNER

Outstanding

CSPIRE WIRELESS	08.25.20	08/25/2020	ACCT#0030349386-CELL PHONE BILL	001-190-604-330	86.87
ARCHITECTONICS	INV0032565	08/25/2020	ARCHITECTURAL REVIEW-ALD	001-190-600-305	200.00
QUADIENT LEASING USA, INC.	N8456366	08/27/2020	LEASE #N19091633 09.27.20-12.26.20	001-190-604-330	43.50
STARKVILLE DAILY NEWS	INV0032558	09/08/2020	ACCT#0007833 ADVERTISING-PARKS	001-190-604-330	327.48

Outstanding Total: 657.85

Department 190 - CITY PLANNER Total: 657.85

Department: 192 - GENERAL GOVERN BLDG & PLANT

Outstanding

BRISLIN, INC	200616	06/09/2020	REPLACE CONDENSER FAN/HVAC	001-192-630-403	1,028.00
NEWELL PAPER COMPANY	3111324	08/17/2020	CASE OF DISINFECTANT	001-192-535-233	104.16
FERGUSON ENTERPRISES, INC	0819700	08/19/2020	DISPOSABLE GLOVES, SANITIZING WIPES	001-192-535-233	211.48
NEWELL PAPER COMPANY	3111783	08/20/2020	DISINFECTANT SPRAY, TOWELS, TISSUE , SOAP	001-192-535-233	65.89
POLLAN & ASSOC. PA	2020761	08/24/2020	3 CASES SPRAY DISINFECTANT	001-192-535-233	449.64
FERGUSON ENTERPRISES, INC	0848827	08/25/2020	MASKS, GLOVES, SANITIZER, CLEANING SOLUTION	001-192-535-233	485.97

Expense Approval Report

Post Dates: 9/3/2020 - 9/9/2020

Vendor Name	Payable Number	Payable Date	Description (Item)	Account Number	Amount
QUILL CORPORATION	9900440	08/25/2020	FOREHEAD THERM. BATTERIES, AIR FRESHNER	001-192-535-233	79.98
NORTHEAST EXTERMINATING	21380	08/27/2020	CITY HALL 08.27.20	001-192-600-338	45.00
NEWELL PAPER COMPANY	3112431	08/27/2020	2 CASES DISINFECTANT SPRAY	001-192-535-233	131.78
B&H PHOTO-VIDEO	176847334	08/28/2020	3 CAMERAS, MOUNTS, CONTROLLERS, ETC.	001-192-535-233	4,682.19
AMAZON CAPITAL SERVICES, INC.	1GRT-74W9-L73K	08/28/2020	LOGITECH MEETUP VIDEO/AUDIO CONFERENCING (HR)	001-192-535-233	830.33
AMAZON CAPITAL SERVICES, INC.	1FDC-VJ7G-3XH6	08/31/2020	INTEL NUC	001-192-535-233	789.00
CINTAS	4060187009	08/31/2020	HAND SANITIZING STANDS 08.31.20	001-192-535-233	33.78
CINTAS	4060187074	08/31/2020	CITY HALL 08.31.20	001-192-510-220	14.52
FUELMAN / FLEETCOR	NP58744943	08/31/2020	FUEL REPORT 08/24/20 - 8/30/20	001-192-510-204	11.04
B&H PHOTO-VIDEO	177016603	09/01/2020	LOGICTECH MEETUP CONFERENCE CAM	001-192-535-233	826.19
JAN-PRO OF MS	859193	09/01/2020	SEPT. 2020 JANITORIAL SVCS- CITY HALL	001-192-600-338	1,619.00
AMAZON CAPITAL SERVICES, INC.	13CL-7TW6-HM76	09/02/2020	INTEL NUC FOR BOARDROOM & COURT/CITY HALL	001-192-535-233	1,619.33
AMAZON CAPITAL SERVICES, INC.	19X1-QCPX-KWCK	09/06/2020	TRASH BAGS-1000 , 7-8 GALLON	001-192-510-220	24.07
AMAZON CAPITAL SERVICES, INC.	1TPY-HF36-499Q	09/07/2020	TRASH BAGS-1000 COUNT 12-16 GALLONS	001-192-510-220	34.20
AMAZON CAPITAL SERVICES, INC.	1TPY-HF36-YQYW	09/08/2020	LOGITECH EXPANSION MIC FOR MEETUP/BOARDRM & C	001-192-535-233	219.99
CINTAS	4060914686	09/08/2020	HAND SANITIZING STANDS 09.08.20	001-192-535-233	33.78
CINTAS	4060914704	09/08/2020	CITY HALL 09.08.20	001-192-510-220	64.52
STARKVILLE UTILITIES	INV0032573	09/09/2020	UTILITY BILLS BY DEPT	001-192-625-380	3,526.46
Outstanding Total:					16,930.30

Department 192 - GENERAL GOVERN BLDG & PLANT Total: 16,930.30

Department: 196 - CEMETERY ADMINISTRATION

Outstanding

HAMPTON YOUNG CORP.	127	09/01/2020	AUGUST 2020 LANDSCAPE SVC/CEMETERY	001-196-630-425	900.00
HAMPTON YOUNG CORP.	127	09/01/2020	AUGUST 2020 LANDSCAPE SVC/CEMETERY	001-196-631-402	1,700.00
HAMPTON YOUNG CORP.	127	09/01/2020	AUGUST 2020 LANDSCAPE SVC/CEMETERY	001-196-637-637	600.00

Outstanding Total: 3,200.00

Department 196 - CEMETERY ADMINISTRATION Total: 3,200.00

Department: 197 - ENGINEERING

Outstanding

QUADIENT LEASING USA, INC.	N8456366	08/27/2020	LEASE #N19091633 09.27.20-12.26.20	001-197-604-330	43.50
FUELMAN / FLEETCOR	NP58744943	08/31/2020	FUEL REPORT 08/24/20 - 8/30/20	001-197-525-231	27.27
MARK E. SHAW	5	09/04/2020	CONTRACT LABOR 08/24/20 - 09/4/20	001-197-600-308	322.50
TRUSTMARK NATIONAL BANK	09.27.20	09/08/2020	#93894/2 TACOMAS	001-197-820-874	432.23
TRUSTMARK NATIONAL BANK	09.27.20	09/08/2020	#93894/2 TACOMAS	001-197-830-873	4.72

Outstanding Total: 830.22

Department 197 - ENGINEERING Total: 830.22

Department: 201 - POLICE DEPARTMENT

Outstanding

INDUSTRIAL NETWORKING SOLUTIONS	INS-138353	08/04/2020	CRADLEPOINT RENEWAL OF NETCLOUD ESSENTIALS (44)	001-201-604-330	8,048.71
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Expense Approval Report

Post Dates: 9/3/2020 - 9/9/2020

Vendor Name	Payable Number	Payable Date	Description (Item)	Account Number	Amount
COVERT TRACK GROUP, INC	20470	08/05/2020	RENEW ANNUAL SURVEILLANCE PHONE APP	001-201-604-330	720.00
TRI-STARR MUFFLER & BRAKE	295052	08/06/2020	S-26 DIAGNOSTIC TIME, COOLANT FAN, RADIATOR	001-201-630-360	362.28
R&M TIRES	1127673	08/10/2020	S-25 OIL AND FILTER CHANGE, MOUNT TIRE	001-201-630-360	72.50
R&M TIRES	1127708	08/11/2020	S-45 OIL & FILTER CHANGE, 4 NEW TIRES, ALIGNMENT	001-201-630-360	719.18
ARMY NAVY PAWN SHOP	081220B	08/12/2020	SENDING SHOTGUN FOR REPAIRS, 2 PR WOMENS TAC PANTS	001-201-535-233	84.00
ARMY NAVY PAWN SHOP	081220B	08/12/2020	SENDING SHOTGUN FOR REPAIRS, 2 PR WOMENS TAC PANTS	001-201-556-251	27.45
LOWE'S-POLICE	906994	08/12/2020	SUPPLIES FOR RANGE CAMER	001-201-545-238	6.62
QUILL CORPORATION	9507083	08/12/2020	BIC PENS	001-201-501-200	48.60
R&M TIRES	1127737	08/13/2020	S-27 OIL AND FILTER CHANGE, ALIGNMENT, STRUT	001-201-630-360	945.50
R&M TIRES	1127816	08/18/2020	S-16 OIL CHANGE, REPAIR FLA	001-201-630-360	79.00
R&M TIRES	1127825	08/18/2020	2014 DODGE CHARGER, OIL AND FILTER CHANGE	001-201-630-360	60.95
R&M TIRES	1127848	08/19/2020	S-43 BRAKE PADS, REPAIR FLA	001-201-630-360	174.00
NEWELL PAPER COMPANY	3111783	08/20/2020	DISINFECTANT SPRAY, TOWELS, TISSUE, SOAP	001-201-555-208	118.61
A+ AUTO REPAIR	020130	08/21/2020	TOWING, RADIATOR, FAN ASSY, ANTIFREEZE	001-201-630-360	859.98
ARMY NAVY PAWN SHOP	066897	08/21/2020	PROPER 6 PANEL CAP	001-201-535-233	12.00
ARMY NAVY PAWN SHOP	082120A	08/21/2020	REVTAC PANTS AND TAC T	001-201-535-233	81.00
R&M TIRES	1127880	08/21/2020	S-43 OIL AND FILTER CHANGE	001-201-630-360	52.50
MID-SOUTH UNIFORM & SUPPLY, INC	608149	08/21/2020	UNIFORMS FOR REAVES, MARTIN, MERCER	001-201-535-233	814.02
STARKVILLE FAMILY PRACTICE	SFP122337X138296	08/21/2020	MEDICAL BILL FOR DENNIS MOORE	001-201-541-240	85.00
A+ AUTO REPAIR	020133	08/24/2020	R&R BLOWER MOTOR	001-201-630-360	143.99
A-1 TOWING	10259	08/24/2020	TOW 2013 CROWN VIC TO TRISTAR	001-201-600-300	75.00
R&M TIRES	1127907	08/24/2020	4 NEW TIRES, BALANCE, ALIGNMENT	001-201-630-360	666.68
R&M TIRES	1127922	08/24/2020	S-29 REPAIR FLAT, INSTALL BATTERY	001-201-630-360	45.00
IVY AUTO PARTS, LLC.	646208	08/24/2020	S-29 BATTERY	001-201-630-360	122.66
A+ AUTO REPAIR	020142	08/25/2020	WINDSHIELD WIPER MOTOR, WIPER BLADES	001-201-630-360	305.00
CSPIRE WIRELESS	08.25.20	08/25/2020	ACCT#0030349386-CELL PHONE BILL	001-201-604-330	3,593.47
SETCOM CORPORATION	42817	08/25/2020	3 HELMET KITS, 2 WIRELESS MICS	001-201-556-251	2,712.16
MID-SOUTH UNIFORM & SUPPLY, INC	608267	08/25/2020	UNIFORMS FOR 8 OFFICERS	001-201-535-233	2,181.70
UPS STORE 3702	9855	08/25/2020	GROUND SHIPPING CHARGES	001-201-604-330	10.73
WALMART -GENERAL CITY	00552	08/26/2020	DRY ERASE MARKER AND BOARD	001-201-501-200	10.31
A+ AUTO REPAIR	020156	08/26/2020	R&R COOLING FAN RELAY, BALANCE & ROTATE TIRES	001-201-630-360	104.99
NORTHEAST EXTERMINATING	21381	08/27/2020	POLICE DEPT. 08.27.20	001-201-630-426	50.00
COVERT TRACK GROUP, INC	40250	08/27/2020	NEMA BOX SURVEILLANCE SYSTEMS -3	001-201-730-543	21,195.00
QUADIENT LEASING USA, INC.	N8456366	08/27/2020	LEASE #N19091633 09.27.20-12.26.20	001-201-604-330	43.50
BOARDTOWN ENGRAVING	082820A	08/28/2020	ACR OCTAGON AWARD	001-201-600-300	42.50
MID-SOUTH UNIFORM & SUPPLY, INC	608410	08/28/2020	FLASHLIGHTS	001-201-556-251	561.39
WALMART -GENERAL CITY	03424	08/31/2020	TOILET TISSUE	001-201-555-208	89.31

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MID-SOUTH UNIFORM & SUPPLY, INC	608468	08/31/2020	UNIFORMS FOR MOULTRIE AND L. WILLIAMS	001-201-535-233	913.43
MID-SOUTH UNIFORM & SUPPLY, INC	608468B	08/31/2020	NAMEPLATES, SHIRTS, PANTS, PATCHES	001-201-535-233	1,266.38
MID-SOUTH UNIFORM & SUPPLY, INC	608469	08/31/2020	2 BRAIDS	001-201-535-233	18.00
MID-SOUTH UNIFORM & SUPPLY, INC	608470	08/31/2020	TROUSERS FOR LUTTRELL AND FORTEN	001-201-535-233	334.95
FUELMAN / FLEETCOR	NP58744943	08/31/2020	FUEL REPORT 08/24/20 - 8/30/20	001-201-525-231	1,895.57
OKTIBBEHA COUNTY SHERIFF'S OFFICE	09.01.20	09/01/2020	FEEDING INMATES AUGUST 2020	001-201-541-237	10,950.00
STARKVILLE NARCOTICS	09.09.20	09/09/2020	INFORMANT FEES	001-201-600-304	1,110.00
FOUR COUNTY ELECTRIC POWER ASSOCIATION	INV0032569	09/09/2020	ACCT#212849/UTILITY BILLS BY DEPARTMENT	001-201-625-380	295.00
STARKVILLE UTILITIES	INV0032573	09/09/2020	UTILITY BILLS BY DEPT	001-201-625-380	3,330.87

Outstanding Total: 65,439.49

Department 201 - POLICE DEPARTMENT Total: 65,439.49

Department: 261 - FIRE DEPARTMENT

Outstanding

SCOTT PETROLEUM DIV. #15	893661	07/01/2020	FIRE STATION 5- ACCT # 1178541	001-261-625-380	275.34
ARMY NAVY PAWN SHOP	080320A	08/03/2020	10 PR TAC PANTS, 3 PR BOOTS, BELT	001-261-535-233	560.00
QUILL CORPORATION	9433941	08/11/2020	HP INK	001-261-501-200	39.99
QUILL CORPORATION	9452538	08/11/2020	INK, BINDERS, BINDER CLIPS, PENCILS, STENO BOOKS	001-261-501-200	212.31
PRESTON NEWMAN	181999	08/12/2020	REIMB FINGERPRINT FEE	001-261-600-390	50.00
PRESTON NEWMAN	640460	08/12/2020	REIMB SCHOOL DRUG TEST FE	001-261-600-390	40.00
QUILL CORPORATION	9499000	08/12/2020	COPY PAPER, BINDERS, HIGHLIGHTERS	001-261-501-200	201.85
GATEWAY TIRE & SERVICE CENTER	1018-129148	08/18/2020	E4 FOUR NEW TIRES AND MOUNT	001-261-630-360	1,162.80
MAXXSOUTH BROADBAND	INV0032559	08/21/2020	ACCT #8282 41 101 0005230	001-261-625-380	157.79
MAXXSOUTH BROADBAND	INV0032560	08/21/2020	FIRE STATION #1	001-261-625-380	93.95
ATMOS ENERGY	INV0032571	08/24/2020	ACCT #8282 41 101 0005495	001-261-625-380	51.23
CADENCE /ELAN VISA	08.24.20	08/25/2020	FIRE STATION #2	001-261-625-380	170.31
CSPIRE WIRELESS	08.25.20	08/25/2020	# 3017756705 /FIRESTATION VIASAT-INTERNET	001-261-604-330	245.84
WHOLESALE COMMERCIAL LAUNDRY EQUIPMENT S.E.,LL	34175	08/25/2020	FIRESTATION #5	001-261-604-330	455.90
M'PRINTS	39409	08/26/2020	ACCT#0030349386-CELL PHONE BILL	001-261-630-360	840.00
LOWE'S-FIRE	908688	08/26/2020	DETERGENT & SANITIZER FOR TURNOUT GEAR	001-261-535-233	23.74
ATMOS ENERGY	INV0032572	08/26/2020	24 TSHIRTS, 24 SWEAT PANTS	001-261-554-240	56.84
STARKVILLE AUTO PARTS	136697	08/27/2020	50 PC DRILL DRIVE SET	001-261-625-380	14.44
LOWE'S-FIRE	976236	08/27/2020	# 3018177204 /FIRESTATION HEADLIGHT	001-261-630-360	623.20
WALMART -GENERAL CITY	03117	08/28/2020	WASHER FOR STATION 5	001-261-558-269	59.15
STARKVILLE AUTO PARTS	136709	08/28/2020	INK CARTRIDGE, DISH SOAP, SCRUBBERS	001-261-630-360	19.99
CA LABS	N20083887	08/29/2020	5 QUARTS MOTOR OIL	001-261-691-550	35.00
CA LABS	N20083888	08/29/2020	5 DAY PLM 722 VINE STREET	001-261-691-550	28.00
STARKVILLE AUTO PARTS	136796	08/31/2020	5 DAY PLM 202 MCKINLEY	001-261-630-360	17.33
FUELMAN / FLEETCOR	NP58744943	08/31/2020	PERFORMANCE TOOL-MULTI USE PUMP	001-261-525-231	511.68
ALARM SECURITIES, INC. dba ASI	09022020-65	09/01/2020	FUEL REPORT 08/24/20 - 8/30/20	001-261-604-330	52.82
NORTHEAST EXTERMINATING	21683	09/01/2020	SEPT. 2020 MONTHLY MAINT PHONE SYSTEM	001-261-558-269	22.00
NORTHEAST EXTERMINATING	21684	09/01/2020	FIRE STATION #5 / 09.01.20	001-261-558-269	22.00

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NORTHEAST EXTERMINATING	21685	09/01/2020	FIRE STATION #1 / 09.01.20	001-261-558-269	22.00
NORTHEAST EXTERMINATING	21686	09/01/2020	FIRE STATION # 2 / 09.01.20	001-261-558-269	22.00
NORTHEAST EXTERMINATING	21687	09/01/2020	FIRE STATION #4 / 09.01.20	001-261-558-269	22.00
LOWE'S-FIRE	910418	09/01/2020	INSECT SPRAY, BLEACH	001-261-555-250	92.76
GATEWAY TIRE & SERVICE CENTER	1018-131020	09/02/2020	REGULAR FLAT	001-261-630-360	15.30
CADENCE /ELAN VISA	314091	09/04/2020	2 ROLLS FOREVER STAMPS	001-261-604-330	110.00
LDB DOORS LLC- LARRY BROWNLEE JR.	INV0123	09/04/2020	STATION 3 OVERHEAD DOOR REPAIR	001-261-558-269	215.00
MS FIREFIGHTERS ASSOCIATION	INV0032561	09/08/2020	DUES FOR MARSH & T.THOMPSON	001-261-690-555	40.00
FOUR COUNTY ELECTRIC POWER ASSOCIATION	INV0032569	09/09/2020	ACCT#212849/UTILITY BILLS BY DEPARTMENT	001-261-625-380	369.00
STARKVILLE UTILITIES	INV0032573	09/09/2020	UTILITY BILLS BY DEPT	001-261-625-380	1,023.34

Outstanding Total: 7,974.90

Department 261 - FIRE DEPARTMENT Total: 7,974.90

Department: 281 - BUILDING/CODES OFFICE

Outstanding

CSPIRE WIRELESS	08.25.20	08/25/2020	ACCT#0030349386-CELL PHONE BILL	001-281-604-330	102.94
QUADIENT LEASING USA, INC.	N8456366	08/27/2020	LEASE #N19091633 09.27.20-12.26.20	001-281-604-330	43.50
FUELMAN / FLEETCOR	NP58744943	08/31/2020	FUEL REPORT 08/24/20 - 8/30/20	001-281-525-231	22.03
TRUSTMARK NATIONAL BANK	09.27.20	09/08/2020	#93894/2 TACOMAS	001-281-820-874	432.23
TRUSTMARK NATIONAL BANK	09.27.20	09/08/2020	#93894/2 TACOMAS	001-281-830-873	4.72

Outstanding Total: 605.42

Department 281 - BUILDING/CODES OFFICE Total: 605.42

Department: 290 - CIVIL DEFENSE/WARNING SYSTEM

Outstanding

PRECISION COMMUNICATION	16714	08/31/2020	2ND PMT- 3 YR WARNING SIREN MAINT. CONT. 2019-2021	001-290-630-400	9,338.60
FOUR COUNTY ELECTRIC POWER ASSOCIATION	INV0032569	09/09/2020	ACCT#212849/UTILITY BILLS BY DEPARTMENT	001-290-625-380	72.69

Outstanding Total: 9,411.29

Department 290 - CIVIL DEFENSE/WARNING SYSTEM Total: 9,411.29

Department: 301 - STREET DEPARTMENT

Outstanding

THOMPSON MACHINERY*	PC110286418	05/04/2020	6 O-RINGS, 12 O-RINGS	001-301-630-400	53.46
NUNLEY TRUCKING CO., INC.	29762	08/15/2020	1 LOAD OF CR	001-301-560-270	900.42
CLARKE MOSQUITO CONTROL	5092616	08/18/2020	10 CASES BIOMIST	001-301-515-221	1,290.67
CLARKE MOSQUITO CONTROL	5092635	08/19/2020	ALTOSID BRIQUETS	001-301-515-221	2,257.20
STARKVILLE AUTO PARTS	136440	08/20/2020	CABIN AIR FILTER	001-301-630-360	38.99
MMC MATERIALS, INC.	669196	08/22/2020	2 CY READY MIX CONCRETE	001-301-560-270	240.00
BELL BUILDING SUPPLY, INC.	297142	08/24/2020	FLEX COUPLING	001-301-555-250	8.69
MMC MATERIALS, INC.	669438	08/24/2020	2 CY CONCRETE W/FIBERS	001-301-560-270	252.00
G&C SUPPLY CO., INC	6787996	08/24/2020	PEDESTRIAN CROSSING SIGN	001-301-565-272	158.00
CSPIRE WIRELESS	08.25.20	08/25/2020	ACCT#0030349386-CELL PHONE BILL	001-301-604-330	51.47
STARKVILLE AUTO PARTS	136596	08/25/2020	3 BULB AND SPRING, CIRCUIT TESTER	001-301-630-360	26.56
BELL BUILDING SUPPLY, INC.	297211	08/25/2020	BRUSH, GREASE, SHARPIES, SOCKET SET	001-301-555-250	55.43
POWERSTROKE EQUIPMENT SALES & SVC	4934	08/25/2020	REPAIR CHAIN ON TS700	001-301-630-400	101.48
CINTAS FIRST AID & SAFETY	5027422877	08/25/2020	ONE BOX IBUPROFEN TABS PLUS SVC CHARGE	001-301-555-250	52.65
BELL BUILDING SUPPLY, INC.	297312	08/26/2020	10 BAGS CONCRETE MIX	001-301-555-250	31.03
PAUL'S WELDING	0530	08/27/2020	TRUCK #706 REPAIR HOSSE	001-301-630-360	50.00

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UNITED RENTALS (NORTH AMERICA), INC.	185354158	08/27/2020	GENERATOR RENTAL	001-301-560-270	88.41
EAST MISSISSIPPI COMMUNITY COLLEGE	A73819	08/27/2020	PADLOCKS AND KEYS	001-301-555-250	17.11
STARKVILLE AUTO PARTS	136782	08/31/2020	CFI FUEL	001-301-630-360	26.99
COLD MIX, INC	15258	08/31/2020	26.11 TONS COLD MIX	001-301-560-270	2,558.78
SHERWIN WILLIAMS CO.	2557-6	08/31/2020	MASKING FILM, PAINT	001-301-565-272	120.62
BELL BUILDING SUPPLY, INC.	297730	08/31/2020	PINE 2X4S	001-301-560-270	56.56
BELL BUILDING SUPPLY, INC.	297794	08/31/2020	PINE 2X4	001-301-560-270	8.30
CINTAS	4060187056	08/31/2020	STREET DEPT. 08.31.20	001-301-555-250	72.03
FUELMAN / FLEETCOR	NP58744943	08/31/2020	FUEL REPORT 08/24/20 - 8/30/20	001-301-525-231	311.21
AUTOZONE	0426827510	09/01/2020	ANTIFREEZE, BRAKE CLEANER, OIL, HYD OIL	001-301-630-360	635.46
MMC MATERIALS, INC.	670636	09/01/2020	5.50 CY CONCRETE, FIBER	001-301-560-270	687.50
MMC MATERIALS, INC.	670638	09/01/2020	1.50 CY CONCRETE, FIBER	001-301-560-270	187.50
G&C SUPPLY CO., INC	6789251	09/01/2020	RESTOCK BRACKETS	001-301-565-272	3,950.00
G&C SUPPLY CO., INC	6789252	09/01/2020	RESTOCK SIGNS	001-301-565-272	2,786.30
LOWE'S-POLICE	901958	09/01/2020	TOOLS/BITS	001-301-555-250	125.32
STARKVILLE AUTO PARTS	136864	09/02/2020	TRUCK #71 BRAKE PADS, BATTERY, STABILIZER, FILTER	001-301-630-360	292.93
BELL BUILDING SUPPLY, INC.	298029	09/02/2020	SPRAY PAINT	001-301-555-250	28.64
COLUMBUS RUBBER & GASKET CO., INC.	612448-001	09/02/2020	ADAPTER	001-301-630-400	30.26
CINTAS	4060914715	09/08/2020	STREET DEPT. 09.08.20	001-301-555-250	35.00
FOUR COUNTY ELECTRIC POWER ASSOCIATION	INV0032569	09/09/2020	ACCT#212849/UTILITY BILLS BY DEPARTMENT	001-301-625-380	8,020.20
STARKVILLE UTILITIES	INV0032573	09/09/2020	UTILITY BILLS BY DEPT	001-301-625-380	18.78
STARKVILLE UTILITIES	INV0032573	09/09/2020	UTILITY BILLS BY DEPT	001-301-625-380	266.16
Outstanding Total:					25,892.11
Department 301 - STREET DEPARTMENT Total:					25,892.11
Department: 360 - ANIMAL CONTROL					
Outstanding					
CSPIRE WIRELESS	08.25.20	08/25/2020	ACCT#0030349386-CELL PHONE BILL	001-360-604-330	35.59
FUELMAN / FLEETCOR	NP58744943	08/31/2020	FUEL REPORT 08/24/20 - 8/30/20	001-360-525-231	33.20
Outstanding Total:					68.79
Department 360 - ANIMAL CONTROL Total:					68.79
Department: 550 - PARKS AND REC DEPARTMENT					
Outstanding					
RACKLEY OIL INC.	122609	08/03/2020	NON ETHANOL GAS, OFF ROAD DIESEL	001-550-525-231	98.03
RAINOUT LINE	2056	08/04/2020	ANNUAL SUBSCRIPTION SVC FOR FIELD CLOSURES	001-550-501-415	399.00
RACKLEY OIL INC.	122611	08/10/2020	GAS	001-550-525-231	177.51
NEWELL PAPER COMPANY	3110943	08/13/2020	BRAWNY SCRIM WIPERS	001-550-501-208	108.89
RACKLEY OIL INC.	122614	08/18/2020	GAS AND DIESEL	001-550-525-231	117.35
VERIZON-PARKS	9860999192	08/18/2020	PARKS ACCT#442043719-00001	001-550-600-330	799.62
NEWELL PAPER COMPANY	3111772	08/20/2020	TOWELS, TISSUE, SOAP	001-550-501-208	526.89
GATEWAY TIRE & SERVICE CENTER	1018-130370	08/21/2020	OIL CHANGE IIN OLD EXPLORER, TIRE REPAIR (WORKMAN)	001-550-690-360	55.75
ZERO WASTE USA, INC	361433	08/21/2020	2 CASES OF DOGGIE BAGS	001-550-636-110	430.19
VERIZON-RETAIL	9000226113	08/24/2020	CELL PHONE CASE	001-550-600-330	33.74
LOWE'S- PARKS	901524	08/24/2020	PRIMO 1 GALLON WATER REFILL -10	001-550-501-200	3.70
WAUKAWAY DISTRIBUTORS, INC	61534	08/25/2020	5 FIVE GALLON BOTTLES OF WATER- PARKS	001-550-501-200	41.00
RACKLEY OIL INC.	122620	08/26/2020	GAS AND DIESEL	001-550-525-231	129.57

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CINTAS-PARKS	4059782062	08/26/2020	WEEKLY MAT CLEANING 08.26.20	001-550-501-208	37.83
WALMART -GENERAL CITY	04918	08/27/2020	TAPE REFILLS, DUSTER, INK	001-550-501-200	80.50
POWERSTROKE EQUIPMENT SALES & SVC	4946	08/27/2020	DECK WHEET KITS-5	001-550-600-370	109.95
ATMOS ENERGY	INV0032570	08/27/2020	# 3018222235/PARKS ADMIN	001-550-600-340	28.83
QUADIENT LEASING USA, INC.	N8456366	08/27/2020	LEASE #N19091633 09.27.20- 12.26.20	001-550-600-330	43.50
WALMART -GENERAL CITY	04774	08/28/2020	GLITTER BALLS/SUPPLIES TEAM BUILDER ACTIVITY	001-550-501-220	20.76
AMAZON CAPITAL SERVICES, INC.	1WC9-VL4V-4VMY	08/29/2020	OFFICE CHAIR & SUPPLIES FOR NEW PARK DIRECTOR	001-550-501-200	619.58
CADENCE /ELAN VISA	3781027418	08/31/2020	GSUITES MONTHLY CHARGE- PARKS	001-550-600-330	113.22
CADENCE /ELAN VISA	INV0032567	08/31/2020	K&K INSURANCE/KICKBALL INSURANCE	001-550-501-415	538.25
FUELMAN / FLEETCOR	NP58744943	08/31/2020	FUEL REPORT 08/24/20 - 8/30/20	001-550-525-231	134.90
CINTAS-PARKS	4060375787	09/01/2020	WEEKLY MAT CLEANING 09.01.20	001-550-501-208	37.83
CINTAS-PARKS	5028728090	09/01/2020	RESTOCK FIRST AID CABINET PLUS SERVICE CHARGE	001-550-501-200	172.74
AMAZON CAPITAL SERVICES, INC.	13CL-7TW6-K13R	09/02/2020	CALCULATOR, SHREDDER, KEY TAGS	001-550-501-200	62.76
AMAZON CAPITAL SERVICES, INC.	1G94-CF19-QHCQ	09/02/2020	FILE CABINET	001-550-501-200	165.24
AMAZON CAPITAL SERVICES, INC.	1T1D-DWXL-GTJM	09/03/2020	ROUND WALL CLOCK, SPRAY CLEANER	001-550-501-200	21.56
AMAZON CAPITAL SERVICES, INC.	1T1D-DWXL-GTJM	09/03/2020	ROUND WALL CLOCK, SPRAY CLEANER	001-550-501-208	65.98
CASHFLOW LEASE	179940	09/08/2020	JDEERE9009A LEASE 10.01.20 -12.31.20 /39677MS-108/1	001-550-820-874	3,940.49
CASHFLOW LEASE	179940	09/08/2020	JDEERE9009A LEASE 10.01.20 -12.31.20 /39677MS-108/1	001-550-830-873	548.51
STARKVILLE UTILITIES	INV0032573	09/09/2020	UTILITY BILLS BY DEPT	001-550-600-340	22.78
Outstanding Total:					9,686.45
Department 550 - PARKS AND REC DEPARTMENT Total:					9,686.45
Department: 552 - PARK AND REC ACTIVITIES					
Outstanding					
KIMLEY HORN	115326000-0720	07/31/2020	10 MINUTE WALK GRANT/SVCS THRU 07.31.20	001-552-600-568	4,804.97
Outstanding Total:					4,804.97
Department 552 - PARK AND REC ACTIVITIES Total:					4,804.97
Department: 600 - CAPITAL PROJECTS					
Outstanding					
BRISLIN, INC	200743	07/21/2020	QUARTERLY MAINT AGREEMENT/CITY HALL + MEZZ REPAIRS	001-600-901-812	1,145.00
KIMLEY HORN	014160000-0720	07/31/2020	BUILD GRANT/SVCS THRU 07.31.20	001-600-948-860	17,605.31
NEEL-SCHAFER	1066916	08/14/2020	OLD WEST POINT RD BRIDGE REPLACEMENT	001-600-912-806	5,475.51
Outstanding Total:					24,225.82
Department 600 - CAPITAL PROJECTS Total:					24,225.82
Department: 653 - GRANTS, SUBSIDIES, AND ALLOCATIONS					
Outstanding					
GSDP * GREATER STARKVILLE DEVELOPMENT PARTNERSHIP	1397	08/27/2020	FALL 2019 GAME DAY SHUTTLES	001-653-702-708	3,500.00
Outstanding Total:					3,500.00
Department 653 - GRANTS, SUBSIDIES, AND ALLOCATIONS Total:					3,500.00

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Vendor Name	Payable Number	Payable Date	Description (Item)	Account Number	Amount
Department: 800 - DEBT SERVICE					
Outstanding					
HANCOCK WHITNEY BANK	08.03.20	08/03/2020	STARKVILLE 17/GO TAX DEV BOND 2017	001-800-890-830	350,000.00
HANCOCK WHITNEY BANK	08.03.20	08/03/2020	STARKVILLE 17/GO TAX DEV BOND 2017	001-800-890-840	102,375.00

Outstanding Total: 452,375.00

Department 800 - DEBT SERVICE Total: 452,375.00

Fund 001 - GENERAL FUND Total: 644,794.58

Fund: 003 - RESTRICTED FIRE FUND

Department: 560 - RESTRICTED FIRE FUND

Outstanding					
GOVERNMENT LEASING & FINANCE, INC.	422847582	09/08/2020	CONTRACT #077-2458252-001 /FIRE TRUCK	003-560-820-874	28,167.50
GOVERNMENT LEASING & FINANCE, INC.	422847582	09/08/2020	CONTRACT #077-2458252-001 /FIRE TRUCK	003-560-830-873	12,010.76
BANCORPSOUTH EQUIPMENT FINANCE	09.25.20	09/09/2020	LOAN#7334-70314-016/FIRE MARSHALL '18 F-150	003-560-820-874	1,479.28
BANCORPSOUTH EQUIPMENT FINANCE	09.25.20	09/09/2020	LOAN#7334-70314-016/FIRE MARSHALL '18 F-150	003-560-830-873	76.39

Outstanding Total: 41,733.93

Department 560 - RESTRICTED FIRE FUND Total: 41,733.93

Fund 003 - RESTRICTED FIRE FUND Total: 41,733.93

Fund: 015 - AIRPORT FUND

Department: 505 - AIRPORT

Outstanding					
SOLAR SPRAY	279613	08/19/2020	SPRAY NORTH FENCE LINE	015-505-691-550	151.50
SOLAR SPRAY	279616	08/19/2020	SPRAY SOUTH FENCE LINE	015-505-691-550	569.64
RACKLEY OIL INC.	536643	08/19/2020	OIL	015-505-525-231	65.22
OKTIBBEHA COUNTY COOPERATIVE	595652	08/20/2020	FERRIS MOWER PARTS	015-505-630-400	74.89
RACKLEY OIL INC.	121638	08/24/2020	OFF ROAD DIESEL AND PRIM	015-505-525-231	461.46
CSPIRE WIRELESS	08.25.20	08/25/2020	ACCT#0030349386-CELL PHONE BILL	015-505-604-330	47.19
RODNEY LINCOLN	1412896	08/26/2020	REIMB BASIC LISTING ON AIRNAV.COM	015-505-691-550	82.00
RACKLEY OIL INC.	537120	08/26/2020	12 QTS AEROSHELL PLUS	015-505-525-231	93.90
MAXXSOUTH BROADBAND	INV0032563	08/28/2020	ACCT #8282 41 101 0557107	015-505-600-338	144.95
RACKLEY OIL INC.	537424	08/31/2020	REG UNLEADED GAS	015-505-525-231	109.94
CLARK BEVERAGE GROUP, INC	989494	09/01/2020	DRINKS FOR AIRPORT	015-505-691-550	153.00
TITAN AVIATION FUELS	R3328432	09/01/2020	JET TRUCK RENTAL/AVGAS TRUCK RENTAL	015-505-600-322	800.00
OKTIBBEHA COUNTY COOPERATIVE	599460	09/02/2020	FERRIS MOWER PARTS	015-505-630-400	143.42
POWERSTROKE EQUIPMENT SALES & SVC	4980	09/04/2020	STRING TRIMMER, MIXING OIL, FUEL LINE FILTER	015-505-525-231	18.99
POWERSTROKE EQUIPMENT SALES & SVC	4980	09/04/2020	STRING TRIMMER, MIXING OIL, FUEL LINE FILTER	015-505-630-400	552.55

Outstanding Total: 3,468.65

Department 505 - AIRPORT Total: 3,468.65

Fund 015 - AIRPORT FUND Total: 3,468.65

Fund: 022 - ENVIRONMENTAL SERVICES

Department: 322 - SANITATION DEPARTMENT

Outstanding					
H&O TRUCKS & TRAILER REPAIR L.L.C.	62180	02/04/2020	TRUCK #95 HYD LEAK	022-322-630-360	689.46
H&O TRUCKS & TRAILER REPAIR L.L.C.	62253	02/13/2020	TRUCK #43 FACTORY PROGR, PRESSURE SENSOR, FUEL FIL	022-322-630-360	1,211.09

Expense Approval Report

Post Dates: 9/3/2020 - 9/9/2020

Vendor Name	Payable Number	Payable Date	Description (Item)	Account Number	Amount
H&O TRUCKS & TRAILER REPAIR L.L.C.	62307	02/24/2020	TRUCK #43 ECCO STROBE LIGHT	022-322-630-360	149.98
STARKVILLE UTILITIES-SANITATION/OTHER BILLING	14620-0420	05/26/2020	ACCT #146.20 SEDC ADMIN FEES APRIL 2020	022-322-600-333	5,205.25
GATEWAY TIRE & SERVICE CENTER	1018-130223	08/19/2020	TRUCK #40 ONE NEW TIRE	022-322-630-360	295.60
GATEWAY TIRE & SERVICE CENTER	1018-130236	08/20/2020	TRUCK #91 2 NEW TIRES	022-322-630-360	656.22
CITY ALIGNMENT SERVICE	74561	08/20/2020	TRUCK #88 REPAIRS	022-322-630-360	1,234.67
TERRY'S GARAGE & REPAIRS, LLC	3952	08/21/2020	TRUCK #95 SERVICE CALL TO REPLACE TIRE	022-322-630-360	456.90
H&O TRUCKS & TRAILER REPAIR L.L.C.	63300	08/21/2020	TRUCK #95 REPLACE AIR DRIE	022-322-630-360	634.39
CSPIRE WIRELESS	08.25.20	08/25/2020	ACCT#0030349386-CELL PHONE BILL	022-322-604-330	47.19
QUILL CORPORATION	9900440	08/25/2020	FOREHEAD THERM. BATTERIES, AIR FRESHNER	022-322-501-200	14.29
GATEWAY TIRE & SERVICE CENTER	1018-130610	08/26/2020	TRUCK #43 2 NEW TIRES	022-322-630-360	709.40
GATEWAY TIRE & SERVICE CENTER	1018-130620	08/26/2020	TRUCK #21A TWO NEW TIRES	022-322-630-360	591.20
LOWE'S-SANITATION	910223	08/26/2020	SUPPLIES TO REPLACE FLOWER POT IN FRONT OFFIC	022-322-501-200	76.84
INGRAM EQUIPMENT COMPANY,LLC	0042998-IN	08/27/2020	TRUCK#84 BROOM FOR SWEEPER	022-322-630-360	878.13
EMPIRE TRUCK SALES, LLC	CE005085761	08/27/2020	TRUCK #42- LED LAMPS, TURN SIGNAL, CAP	022-322-630-360	200.23
QUADIENT LEASING USA, INC.	N8456366	08/27/2020	LEASE #N19091633 09.27.20-12.26.20	022-322-604-330	43.50
OKTIBBEHA COUNTY COOPERATIVE	597796	08/28/2020	REPAIRS TO YOKE ON BUSHO	022-322-630-360	885.53
H&O TRUCKS & TRAILER REPAIR L.L.C.	63345	08/28/2020	ACTUATOR MOTOR	022-322-630-360	330.98
QUILL CORPORATION	10052494	08/31/2020	HP INK	022-322-501-200	227.98
GATEWAY TIRE & SERVICE CENTER	1018-130783	08/31/2020	LIMBLOADER #85 2 NEW TIR	022-322-630-360	561.40
STARKVILLE AUTO PARTS	136766	08/31/2020	BATTERY, BLASTER, SILICONE SPRAY	022-322-555-250	99.33
BULLDOG TOWING & RECOVERY	B6406	08/31/2020	TOW KABOTA TRACTOR	022-322-600-300	150.00
FUELMAN / FLEETCOR	NP58744943	08/31/2020	FUEL REPORT 08/24/20 - 8/30/20	022-322-525-231	630.05
WASTE MANAGEMENT	0765903-2132-9	09/01/2020	RECYCLING FOR AUGUST 202	022-322-600-431	4,459.20
GATEWAY TIRE & SERVICE CENTER	1018-130946	09/01/2020	LAWN MOWER TIRE	022-322-630-400	100.60
GATEWAY TIRE & SERVICE CENTER	130916	09/01/2020	TRUCK #97 4 NEW TIRES	022-322-630-360	545.40
SGK LANDSCAPES, LLC	ST26340	09/01/2020	MONTHLY MEDIAN MAINTENANCE - HWY 12	022-322-600-338	1,654.20
SGK LANDSCAPES, LLC	ST26341	09/01/2020	MEDIAN MAINTENANCE-LOUISVILLE, NASH, RUSSELL S	022-322-600-338	718.45
PAUL'S WELDING	0533	09/02/2020	TRUCK #40 REPAIR STEP ON REAR	022-322-630-360	95.00
GATEWAY TIRE & SERVICE CENTER	130944	09/02/2020	TRUCK #43 ONE TIRE AND MOUNT	022-322-630-360	295.60
GATEWAY TIRE & SERVICE CENTER	130945	09/02/2020	TRUCK #88 2 NEW TIRES AND MOUNTS	022-322-630-360	352.00
TERRY'S GARAGE & REPAIRS, LLC	3994	09/02/2020	TRUCK #42 AIR CHAMBER	022-322-630-360	135.13
EMPIRE TRUCK SALES, LLC	CE005085851	09/02/2020	TRUCK #43 MOTOR BLOWER & HARN HVAC	022-322-630-360	134.29
GATEWAY TIRE & SERVICE CENTER	1018-131004	09/03/2020	TRUCK #93 NEW TIRE AND MOUNT	022-322-630-360	295.60

Expense Approval Report

Post Dates: 9/3/2020 - 9/9/2020

Vendor Name	Payable Number	Payable Date	Description (Item)	Account Number	Amount
GATEWAY TIRE & SERVICE CENTER	1018-131047	09/03/2020	TRUCK #99 4 NEW TIRES	022-322-630-360	567.80
STARKVILLE UTILITIES-SANITATION/OTHER BILLING	14620-0720	09/03/2020	ACCT #146.20 SEDC ADMIN FEES JULY 2020	022-322-600-333	6,702.63
STARKVILLE DAILY NEWS	INV0032558	09/08/2020	ACCT#0007833 ADVERTISING-PARKS	022-322-604-330	249.75

Outstanding Total: 32,285.26

Department 322 - SANITATION DEPARTMENT Total: 32,285.26

Fund 022 - ENVIRONMENTAL SERVICES Total: 32,285.26

Fund: 303 - INDUSTRIAL PARK BOND

Department: 600 - CAPITAL PROJECTS

Outstanding

OKT COUNTY	256728	08/26/2020	GT LINK INV#256728	303-600-600-309	666.50
OKT COUNTY SUPERVISORS	1066886A	08/27/2020	NEEL SCHAFER INV#1066886	303-600-600-309	1,496.12
OKT COUNTY SUPERVISORS	1043438	09/04/2020	JONES WALKER INV#1043438	303-600-600-309	279.00

Outstanding Total: 2,441.62

Department 600 - CAPITAL PROJECTS Total: 2,441.62

Fund 303 - INDUSTRIAL PARK BOND Total: 2,441.62

Fund: 377 - BUILD GRANT MS 182 / MLK CORRIDOR

Department: 318 - MS182/MLK

Outstanding

KIMLEY HORN	014160000-0720	07/31/2020	BUILD GRANT/SVCS THRU 07.31.20	377-318-680-300	70,421.25
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Outstanding Total: 70,421.25

Department 318 - MS182/MLK Total: 70,421.25

Fund 377 - BUILD GRANT MS 182 / MLK CORRIDOR Total: 70,421.25

Fund: 380 - PARK BONDS 2020

Department: 551 - PARK & REC TOURISM

Outstanding

SB CONSTRUCTION, LLC	PAY REQ. # 5	08/26/2020	CONTRACT #15405/CORNERSTONE PARK CONSTRUCTION	380-551-907-944	663,640.52
STARKVILLE DAILY NEWS	INV0032558	09/08/2020	ACCT#0007833 ADVERTISING-PARKS	380-551-600-200	118.80

Outstanding Total: 663,759.32

Department 551 - PARK & REC TOURISM Total: 663,759.32

Fund 380 - PARK BONDS 2020 Total: 663,759.32

Grand Total: 1,458,904.61

Report Summary

Fund Summary

Fund	Expense Amount	Payment Amount
001 - GENERAL FUND	644,794.58	0.00
003 - RESTRICTED FIRE FUND	41,733.93	0.00
015 - AIRPORT FUND	3,468.65	0.00
022 - ENVIRONMENTAL SERVICES	32,285.26	0.00
303 - INDUSTRIAL PARK BOND	2,441.62	0.00
377 - BUILD GRANT MS 182 / MLK CORRIDOR	70,421.25	0.00
380 - PARK BONDS 2020	663,759.32	0.00
Grand Total:	1,458,904.61	0.00

Account Summary

Account Number	Account Name	Expense Amount	Payment Amount
001-000-054-205	DUE FROM STARKVILLE E	322.50	0.00
001-000-334-126	POLICE FORFEITED FUN	3,106.00	0.00
001-100-604-330	COMMUNICATIONS	188.39	0.00
001-110-600-300	RESEARCH RESOURCES	321.00	0.00
001-110-604-330	POSTAGE / COMMUNICA	43.50	0.00
001-120-600-300	PROFESSIONAL SERVICE	3,333.33	0.00
001-120-604-330	COMMUNICATIONS	43.50	0.00
001-123-600-300	WEB SITE SVCS, SOFTWA	157.45	0.00
001-123-604-330	COMMUNICATIONS	632.24	0.00
001-123-691-550	MISCELLANEOUS	42.80	0.00
001-123-918-806	CAMERA LEASE PAYMEN	1,820.00	0.00
001-145-604-330	POSTAGE/COPIER/PHON	90.69	0.00
001-145-610-350	TRAVEL/TRAINING	200.00	0.00
001-145-690-556	DUES (MML) / FEES	7,556.00	0.00
001-159-620-371	BONDING-CITY EMPLOY	175.00	0.00
001-169-615-342	LEGAL ADVERTISING & N	795.00	0.00
001-180-501-200	SUPPLIES AND EQUIPME	156.99	0.00
001-180-600-320	DRUG/BACKGROUND CH	90.00	0.00
001-180-604-330	COPIER/POSTAGE/PHON	94.97	0.00
001-180-610-340	ADVERTISING	22.61	0.00
001-190-600-305	ARCHITECTURE REVIEW	200.00	0.00
001-190-604-330	COPIERS/PHONES/IPADS	457.85	0.00
001-192-510-204	CITY HALL VEHICLE EXPE	11.04	0.00
001-192-510-220	SUPPLIES	137.31	0.00
001-192-535-233	COVID-19 EXPENSES	10,563.49	0.00
001-192-600-338	CONTRACT SERVICES	1,664.00	0.00
001-192-625-380	UTILITIES	3,526.46	0.00
001-192-630-403	REPAIRS TO BUILDING	1,028.00	0.00
001-196-630-425	REPAIRS MAINT/MLK/18	900.00	0.00
001-196-631-402	ODDFELLOW MAINTENA	1,700.00	0.00
001-196-637-637	BRUSH ARBOR	600.00	0.00
001-197-525-231	GAS & OIL	27.27	0.00
001-197-600-308	ENGINEERING SERVICES	322.50	0.00
001-197-604-330	COMMUNICATIONS	43.50	0.00
001-197-820-874	PRINCIPAL	432.23	0.00
001-197-830-873	INTEREST	4.72	0.00
001-201-501-200	OFFICE SUPPLIES	58.91	0.00
001-201-525-231	GAS & OIL	1,895.57	0.00
001-201-535-233	UNIFORMS	5,705.48	0.00
001-201-541-237	PRISONER JAIL EXPENSE	10,950.00	0.00
001-201-541-240	PRISONER MEDICAL EXP	85.00	0.00
001-201-545-238	FIRING RANGE SUPPLIES	6.62	0.00
001-201-555-208	JANITORIAL SUPPLIES	207.92	0.00
001-201-556-251	POLICE SUPPLIES	3,301.00	0.00
001-201-600-300	PROFESSIONAL SERVICE	117.50	0.00
001-201-600-304	INFORMANT FEES	1,110.00	0.00

Account Summary

Account Number	Account Name	Expense Amount	Payment Amount
001-201-604-330	PHONES/FAX/COPIERS/C	12,416.41	0.00
001-201-625-380	UTILITIES	3,625.87	0.00
001-201-630-360	VEHICLE REPAIRS & MAI	4,714.21	0.00
001-201-630-426	BUILDING MAINTENANC	50.00	0.00
001-201-730-543	JAG GRANT MATCH	21,195.00	0.00
001-261-501-200	OFFICE SUPPLIES	454.15	0.00
001-261-525-231	GAS & OIL	511.68	0.00
001-261-535-233	UNIFORMS	1,400.00	0.00
001-261-554-240	FIRE INVESTIGATION	23.74	0.00
001-261-555-208	JANITORIAL & PAPER SU	59.15	0.00
001-261-555-250	SUPPLIES & SMALL TOOL	92.76	0.00
001-261-558-269	BUILDING MAINTENANC	948.20	0.00
001-261-600-390	FIRE TRAINING	90.00	0.00
001-261-604-330	PHONES/CABLE/INTERN	578.97	0.00
001-261-625-380	UTILITIES	2,027.49	0.00
001-261-630-360	VEHICLE REPAIRS & MAI	1,685.76	0.00
001-261-690-555	DUES	40.00	0.00
001-261-691-550	MISCELLANEOUS	63.00	0.00
001-281-525-231	GAS & OIL	22.03	0.00
001-281-604-330	COPIER/PHONES/IPADS/	146.44	0.00
001-281-820-874	PRINCIPAL (VEHICLES)	432.23	0.00
001-281-830-873	INTEREST (VEHICLES)	4.72	0.00
001-290-625-380	UTILITIES / CODE RED	72.69	0.00
001-290-630-400	MAINTENANCE CONTRA	9,338.60	0.00
001-301-515-221	ENVIRONMENTAL CONT	3,547.87	0.00
001-301-525-231	GAS & OIL	311.21	0.00
001-301-555-250	SUPPLIES & SMALL TOOL	425.90	0.00
001-301-560-270	CONSTRUCTION MATERI	4,979.47	0.00
001-301-565-272	STREETS SIGNS & PAINT	7,014.92	0.00
001-301-604-330	COMMUNICATIONS	51.47	0.00
001-301-625-380	UTILITIES/STREET LIGHTI	8,305.14	0.00
001-301-630-360	VEHICLE REPAIRS & MAI	1,070.93	0.00
001-301-630-400	EQUIPMENT REPAIR &	185.20	0.00
001-360-525-231	GAS & OIL	33.20	0.00
001-360-604-330	COMMUNICATIONS	35.59	0.00
001-550-501-200	OFFICE SUPPLIES	1,167.08	0.00
001-550-501-208	JANITORIAL SUPPLIES	777.42	0.00
001-550-501-220	CLASS/ACTIVITY SUPPLIE	20.76	0.00
001-550-501-415	SPORTS PROGRAMS	937.25	0.00
001-550-525-231	GAS & OIL	657.36	0.00
001-550-600-330	PHONES/COPIERS/POST	990.08	0.00
001-550-600-340	UTILITIES	51.61	0.00
001-550-600-370	EQUIP. REPAIR/MAINT	109.95	0.00
001-550-636-110	FIELD IMPROVEMENTS/L	430.19	0.00
001-550-690-360	VEHICLE REPAIRS AND M	55.75	0.00
001-550-820-874	PRINCIPAL (2019 MOWE	3,940.49	0.00
001-550-830-873	INTEREST (2019 MOWER	548.51	0.00
001-552-600-568	NRPA CONSULTING & PR	4,804.97	0.00
001-600-901-812	MUNICIPAL BUILDING F	1,145.00	0.00
001-600-912-806	ERBR 53-420(01) OLD W	5,475.51	0.00
001-600-948-860	BUILD GRANT MATCH (2	17,605.31	0.00
001-653-702-708	MSU SHUTTLE AND OTH	3,500.00	0.00
001-800-890-830	IND PARK BOND (7M) PR	350,000.00	0.00
001-800-890-840	IND PARK BOND (7M) IN	102,375.00	0.00
003-560-820-874	PRINCIPAL	29,646.78	0.00
003-560-830-873	INTEREST	12,087.15	0.00
015-505-525-231	GAS & OIL	749.51	0.00
015-505-600-322	LEASE/RENT-FUEL TRUC	800.00	0.00

Account Summary

Account Number	Account Name	Expense Amount	Payment Amount
015-505-600-338	CONTRACT & LEGAL SER	144.95	0.00
015-505-604-330	CELL PHONE/POSTAGE	47.19	0.00
015-505-630-400	EQUIPMENT REPAIR &	770.86	0.00
015-505-691-550	MISCELLANEOUS	956.14	0.00
022-322-501-200	OFFICE SUPPLIES	319.11	0.00
022-322-525-231	GAS & OIL	630.05	0.00
022-322-555-250	SUPPLIES & SMALL TOOL	99.33	0.00
022-322-600-300	PROFESSIONAL SERVICE	150.00	0.00
022-322-600-333	ADMINISTRATIVE SERVIC	11,907.88	0.00
022-322-600-338	HWY 12 MAINT/RUSSELL	2,372.65	0.00
022-322-600-431	CONTRACT RECYCLING C	4,459.20	0.00
022-322-604-330	COMMUNICATIONS	340.44	0.00
022-322-630-360	VEHICLE REPAIRS & MAI	11,906.00	0.00
022-322-630-400	EQUIPMENT REPAIR &	100.60	0.00
303-600-600-309	LEGAL AND PROF SVCS E	2,441.62	0.00
377-318-680-300	PROFESSIONAL SERVICE	70,421.25	0.00
380-551-600-200	LEGAL ADVERTISING	118.80	0.00
380-551-907-944	CORNERSTONE LAND PR	663,640.52	0.00
	Grand Total:	1,458,904.61	0.00

Project Account Summary

Project Account Key	Expense Amount	Payment Amount
None	1,458,904.61	0.00
Grand Total:	1,458,904.61	0.00



200 N Lafayette Street • Starkville, MS 39759
Telephone: 662-323-3133 Fax: 662-323-3273

All invoices have been reviewed and goods received for both the Starkville Utilities Electric and Water Department Claims Docket and were purchased in accordance with the applicable purchasing statutes as established by the State of Mississippi.

David Wise

David M. Wise, CPA
Manager of Accounting & Finance
Starkville Utilities

INVOICE	DATE	PO NBR	DESCRIPTION	TEMPL INV	AP DATE	INVOICE AMOUNT	TAX AMOUNT	PMT TYP	PAID AMOUNT	PAID/VOID DATE	CHECK/ACH SEQ
VENDOR:	3	TRI-STATE CHLORINATION									
4353	09/04/20	4232	Parts		09/16/20	980.00	.00	CHK			
					VENDOR TOTAL:	980.00					
VENDOR:	4	INNOVATIVE BROADCAST SERVICE									
INV-1143	09/04/20	4254	Filter repairs		09/16/20	2249.76	.00	ACH			
					VENDOR TOTAL:	2249.76					
VENDOR:	76	APAC MISSISSIPPI, INC.									
4000099468	09/04/20	4146	Asphalt		09/16/20	437.33	.00	ACH			
					VENDOR TOTAL:	437.33					
VENDOR:	188	BOX CONSTRUCTION LLC									
8/19/20 - 28-29	09/02/20	0	Hydrant replacements		09/16/20	4224.00	.00	ACH			
					VENDOR TOTAL:	4224.00					
VENDOR:	189	BANCORPSOUTH-2012 BONDS									
9/01/20	09/02/20	0	2.6M GO Bond Payment		09/16/20	16904.52	.00	CHK			
					VENDOR TOTAL:	16904.52					
VENDOR:	202	BELL BUILDING SUPPLY									
296930	09/04/20	4223	Lights		09/16/20	86.71	.00	ACH			
297388	09/04/20	4259	Concrete		09/16/20	39.30	.00	ACH			
297650	09/04/20	4223	Lights		09/16/20	18.56	.00	ACH			
					VENDOR TOTAL:	144.57					
VENDOR:	220	CENTRAL PIPE SUPPLY									
S100226546.001	09/04/20	4186	Parts		09/16/20	218.00	.00	ACH			
S100227367.001	09/04/20	4213	Valves, Materials		09/16/20	5055.00	.00	ACH			
S100228159.001	09/04/20	4231	Valves		09/16/20	774.00	.00	ACH			
					VENDOR TOTAL:	6047.00					

INVOICE	DATE	PO NBR DESCRIPTION	TEMPL INV	AP DATE	INVOICE AMOUNT	TAX AMOUNT	PMT TYP	PAID AMOUNT	PAID/VOID DATE	CHECK/ACH SEQ
VENDOR: 307 CITY OF STARKVILLE										
AUG 2020-EXP	09/02/20	0 Due to City - August 2020		09/16/20	1900.21	.00	CHK			
AUG 2020-SALARY	09/02/20	0 Reimb City Salaries		09/16/20	3446.39	.00	CHK			
VENDOR TOTAL:					5346.60					
VENDOR: 362 CONSOLIDATED PIPE & SUPPLY										
3102979-000	09/04/20	4139 Trench boxes		09/16/20	8790.00	.00	CHK			
3103425, 3102603	09/04/20	4225 Materials		09/16/20	3354.00	.00	CHK			
3103430-000	09/04/20	4225 Materials		09/16/20	2232.00	.00	CHK			
VENDOR TOTAL:					14376.00					
VENDOR: 368 CONTROL SYSTEMS, INC										
58815	09/04/20	4266 Repair service call		09/16/20	2581.30	.00	ACH			
VENDOR TOTAL:					2581.30					
VENDOR: 450 ENVIRO-LABS, INC.										
4300, 4254, 76, 87	09/04/20	4267 Testing		09/16/20	809.00	.00	ACH			
VENDOR TOTAL:					809.00					
VENDOR: 487 DUKE'S ROOT CONTROL, INC.										
17783	09/02/20	0 Root control		09/16/20	44243.04	.00	CHK			
VENDOR TOTAL:					44243.04					
VENDOR: 493 EAGLE PIPE AND SUPPLY LLC										
59671	09/04/20	4135 Materials		09/16/20	2714.50	.00	CHK			
VENDOR TOTAL:					2714.50					
VENDOR: 604 FASTENAL										
MSSTA93571	09/04/20	4250 Parts, Supplies		09/16/20	3055.81	.00	ACH			
MSSTA94005	09/04/20	4226 Supplies		09/16/20	711.27	.00	ACH			
VENDOR TOTAL:					3767.08					

INVOICE	DATE	PO NBR DESCRIPTION	TEMPL INV	AP DATE	INVOICE AMOUNT	TAX AMOUNT	PMT TYP	PAID AMOUNT	PAID/VOID DATE	CHECK/ACH SEQ
VENDOR:	606	4-COUNTY EPA								
AUG 2020	09/08/20	0 Utilities expense		09/16/20	11282.74	.00	CHK			
		VENDOR TOTAL:			11282.74					
VENDOR:	611	4-D CONSTRUCTION INC								
RFP 18 - 8/05/20	09/08/20	0 Pleasant Acres Construction		09/16/20	17550.00	.00	CHK			
		VENDOR TOTAL:			17550.00					
VENDOR:	620	G & C SUPPLY CO., INC.								
6788640	09/04/20	4115 Meter boxes		09/16/20	822.00	.00	ACH			
		VENDOR TOTAL:			822.00					
VENDOR:	626	GROUNDSTONE CONSTRUCTION								
339-4 TO 339-7	09/08/20	0 Repairs		09/16/20	14720.00	.00	ACH			
		VENDOR TOTAL:			14720.00					
VENDOR:	702	HACH								
12096109, 97405	09/04/20	4206 Lab supplies		09/16/20	152.95	.00	ACH			
12100243	09/04/20	4242 Supplies		09/16/20	1214.91	.00	ACH			
12104380	09/04/20	4242 Supplies		09/16/20	371.24	.00	ACH			
		VENDOR TOTAL:			1739.10					
VENDOR:	736	GUARDIAN LOCK & KEY INC								
5892	09/04/20	4256 Padlocks		09/16/20	151.89	.00	ACH			
		VENDOR TOTAL:			151.89					
VENDOR:	765	HYDRA SERVICE, INC.								
142748, 142884	09/04/20	4253 Materials		09/16/20	753.00	.00	ACH			
143457, 143452	09/04/20	4253 Materials		09/16/20	1711.00	.00	ACH			
		VENDOR TOTAL:			2464.00					
VENDOR:	808	HOLLIS BROTHERS ELECTRIC INC								
05318	09/03/20	0 Repairs		09/16/20	341.00	.00	CHK			
		VENDOR TOTAL:			341.00					

INVOICE	DATE	PO NBR	DESCRIPTION	TEMPL INV	AP DATE	INVOICE AMOUNT	TAX AMOUNT	PMT TYP	PAID AMOUNT	PAID/VOID DATE	CHECK/ ACH SEQ
VENDOR:	812	HELENA CHEMICAL COMPANY									
62089589	09/04/20	4140	Chemicals		09/16/20	4451.50	.00	CHK			
					VENDOR TOTAL:	4451.50					
VENDOR:	825	H & H CONSTRUCTION & EXC LLC									
959262-264	09/08/20	0	Water & Sewer repairs		09/16/20	8903.00	.00	ACH			
					VENDOR TOTAL:	8903.00					
VENDOR:	1017	J & P CONSTRUCTION CO INC									
REF #9 - 9/01/20	09/03/20	0	WWTP Biosolids Construction		09/16/20	557650.00	.00	ACH			
					VENDOR TOTAL:	557650.00					
VENDOR:	1033	KILLEN CONTRACTORS INC.									
6823	09/02/20	0	Conduit Installation		09/16/20	4726.00	.00	CHK			
					VENDOR TOTAL:	4726.00					
VENDOR:	1106	LESLIE DEAN									
070, 071	09/03/20	0	Maintenance		09/16/20	2575.00	.00	ACH			
					VENDOR TOTAL:	2575.00					
VENDOR:	1168	LEE'S PRECAST CONCRETE									
133596	09/08/20	0	Manholes		09/16/20	2336.00	.00	ACH			
					VENDOR TOTAL:	2336.00					
VENDOR:	1192	LYLE MACHINERY									
W07156	09/04/20	4198	Repairs		09/16/20	763.39	.00	ACH			
					VENDOR TOTAL:	763.39					
VENDOR:	1320	MS RURAL WATER ASSOCIATION									
30235	09/08/20	0	Training class manual		09/16/20	10.00	.00	CHK			
					VENDOR TOTAL:	10.00					

INVOICE	DATE	PO NBR DESCRIPTION	TEMPL INV	AP DATE	INVOICE AMOUNT	TAX AMOUNT	PMT TYP	PAID AMOUNT	PAID/VOID DATE	CHECK/ACH SEQ
VENDOR: 1322 MMC MATERIALS, INC.										
667845	09/04/20	4197 Concrete		09/16/20	220.00	.00	CHK			
668114	09/04/20	4197 Concrete		09/16/20	524.00	.00	CHK			
668807	09/04/20	4194 Concrete		09/16/20	234.50	.00	CHK			
669200	09/04/20	4114 Concrete		09/16/20	1438.50	.00	CHK			
				VENDOR TOTAL:	2417.00					
VENDOR: 1341 MS DEVELOPMENT AUTHORITY										
9/01/20	09/02/20	0 CAP Loan Payments		09/16/20	27070.29	.00	CHK			
				VENDOR TOTAL:	27070.29					
VENDOR: 1366 MS CROSS CONNECTION										
29629	09/04/20	4269 Testing		09/16/20	278.00	.00	ACH			
				VENDOR TOTAL:	278.00					
VENDOR: 1390 NEWELL PAPER COMPANY										
3110541	09/04/20	4152 Supplies		09/16/20	65.40	.00	ACH			
				VENDOR TOTAL:	65.40					
VENDOR: 1392 NUNLEY TRUCKING CO, INC.										
29802, 29775	09/04/20	4268 Gravel		09/16/20	2283.96	.00	CHK			
				VENDOR TOTAL:	2283.96					
VENDOR: 1525 OKTIBBEHA COUNTY COOP										
595240, 595050	09/04/20	4028 Boots		09/16/20	163.11	.00	ACH			
598552	09/04/20	4241 Top soil		09/16/20	37.00	.00	ACH			
598848, 598876	09/04/20	4150 Gravel		09/16/20	412.50	.00	ACH			
598997	09/04/20	4247 Boots		09/16/20	196.88	.00	ACH			
				VENDOR TOTAL:	809.49					
VENDOR: 1531 O'REILLY AUTO PARTS										
0997-154928	09/04/20	4251 Parts		09/16/20	47.99	.00	CHK			
0997-154930	09/04/20	4251 Parts		09/16/20	5.99	.00	CHK			
				VENDOR TOTAL:	53.98					

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INVOICE	DATE	PO NBR DESCRIPTION	TEMPL INV	AP DATE	INVOICE AMOUNT	TAX AMOUNT	PMT TYP	PAYD AMOUNT	PAYD/VOID DATE	CHECK/ ACH SEQ
VENDOR:	1620	POLLAN PROMOS								
2020769	09/04/20	4204 Uniforms		09/16/20	2464.03	.00	CHK			
			VENDOR TOTAL:		2464.03					
VENDOR:	1623	POWERSTROKE EQUIPMENT, INC								
4953	09/04/20	4234 Repairs		09/16/20	47.49	.00	ACH			
			VENDOR TOTAL:		47.49					
VENDOR:	1800	RACKLEY OIL, INC.								
536869	09/04/20	4255 Oil		09/16/20	877.25	.00	ACH			
			VENDOR TOTAL:		877.25					
VENDOR:	1818	UNITED RENTALS INC								
184777978-001	09/04/20	4252 Repairs		09/16/20	183.81	.00	ACH			
			VENDOR TOTAL:		183.81					
VENDOR:	1884	STARKVILLE GARBAGE								
8/26/20	09/02/20	0 Garbage disposal-600137		09/16/20	184.50	.00	CHK			
			VENDOR TOTAL:		184.50					
VENDOR:	1886	STATE INDUSTRIAL PRODUCTS CP								
500851556	09/04/20	4027 Chemicals		09/16/20	564.90	.00	CHK			
			VENDOR TOTAL:		564.90					
VENDOR:	1892	S&N AIROFLO INC								
17980	09/04/20	4270 Aerator Rentals		09/16/20	2400.00	.00	CHK			
			VENDOR TOTAL:		2400.00					
VENDOR:	1904	SCOTT PETROLEUM CORP.								
1414980	09/04/20	4271 Generator Repairs		09/16/20	42.00	.00	ACH			
			VENDOR TOTAL:		42.00					

INVOICE	DATE	PO NBR	DESCRIPTION	UNPAID INVOICES	INVOICE AMOUNT	TAX AMOUNT	PMT TYP	PAID AMOUNT	PAID/VOID DATE	CHECK/ACH SEQ
VENDOR:	1905	STARKVILLE	AUTO PARTS							
840,115,214	09/04/20	4222	Repair parts		486.74	.00	CHK			
			VENDOR TOTAL:		486.74					
VENDOR:	1909	STARKVILLE	ELEC - UTILITIES							
AUG 2020	08/31/20	0	Utility bills		61901.05	.00	DFT			
			VENDOR TOTAL:		61901.05					
VENDOR:	1910	STARKVILLE	ELECTRIC DEPT							
14610-0720	09/03/20	0	Due to Elec Dept-146.10		72810.35	.00	ACH			
			VENDOR TOTAL:		72810.35					
VENDOR:	1945	SULLIVAN'S	OFFICE SUPPLY							
57455	09/04/20	4244	Supplies		257.07	.00	ACH			
			VENDOR TOTAL:		257.07					
VENDOR:	2000	TALKING WARRIOR	WATER ASSOC							
AUG 2020	09/04/20	0	TWVA Water Revenues		1647.68	.00	ACH			
			VENDOR TOTAL:		1647.68					
VENDOR:	2104	UPS								
24W1X6340	09/02/20	0	Postage		26.67	.00	CHK			
24W1X6350	09/03/20	0	Postage		26.67	.00	CHK			
			VENDOR TOTAL:		53.34					
VENDOR:	2202	WAYPOINT	ANALYTICAL							
1054095	09/04/20	4147	Testing		252.00	.00	ACH			
1054219	09/04/20	4147	Testing		252.00	.00	ACH			
			VENDOR TOTAL:		504.00					
VENDOR:	2210	VERIZON	WIRELESS							
9861862039	09/08/20	0	Phone bill 2821-03		684.83	.00	CHK			
			VENDOR TOTAL:		684.83					

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VENDOR:												
T06287	09/04/20	4258	Air filters		09/16/20	740.84	.00	CHK				
VENDOR TOTAL:						740.84						
VENDOR:												
61543	09/04/20	4257	Water		09/16/20	32.80	.00	ACH				
VENDOR TOTAL:						32.80						
GRAND TOTAL:						914171.12						

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INVOICE	DATE	PO NBR	DESCRIPTION	TEMPL INV	AP DATE	INVOICE AMOUNT	TAX AMOUNT	PMT TYP	PAID AMOUNT	PAID/VOID DATE	CHECK/ ACH SEQ
VENDOR:	125	AT & T									
AUG 2020	09/02/20	0	Phone bill		09/16/20	398.24	.00	CHK			
					VENDOR TOTAL:	398.24					
VENDOR:	131	ALTEC INDUSTRIES, INC.									
11468905	09/08/20	9395	Repairs		09/16/20	182.01	.00	ACH			
528,052,760,175	09/08/20	9384	Lineman tools		09/16/20	2121.85	.00	ACH			
					VENDOR TOTAL:	2303.86					
VENDOR:	134	ATWELL & GENT, P.A.									
9585	09/02/20	0	Engineering Services		09/16/20	11950.00	.00	ACH			
9586	09/02/20	0	Engineering Services		09/16/20	1120.00	.00	ACH			
9587	09/02/20	0	Engineering Services		09/16/20	21652.00	.00	ACH			
9588	09/02/20	0	Engineering Services		09/16/20	2520.00	.00	ACH			
9589	09/02/20	0	Engineering Services		09/16/20	270.00	.00	ACH			
					VENDOR TOTAL:	37512.00					
VENDOR:	139	ACC BUSINESS									
202265061-8/20	09/02/20	0	Internet services		09/16/20	1361.44	.00	ACH			
					VENDOR TOTAL:	1361.44					
VENDOR:	202	BELL BUILDING SUPPLY									
296647	09/08/20	9390	Supplies and tools		09/16/20	68.51	.00	ACH			
					VENDOR TOTAL:	68.51					
VENDOR:	208	BERRY ELECTRIC, LLC									
4532,4539	09/08/20	9415	Labor and Materials		09/16/20	2516.00	.00	ACH			
					VENDOR TOTAL:	2516.00					
VENDOR:	303	C SPIRE WIRELESS									
AUG 2020	09/02/20	0	Phone bill		09/16/20	463.23	.00	CHK			
					VENDOR TOTAL:	463.23					

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INVOICE	DATE	PO NBR	DESCRIPTION	TEMPL INV	AP DATE	INVOICE AMOUNT	TAX AMOUNT	PMT TYP	PAID AMOUNT	PAID/VOID DATE	CHECK/ ACH	SEQ
VENDOR: 306 CITY OF STARKVILLE-TAX&ADMIN												
AUG 2020-ADMIN	09/02/20	0	Administrative Fees		09/16/20	7304.41	.00	CHK				
SEPT 2020-TAX	09/04/20	0	Tax Equivalency		09/16/20	113750.00	.00	CHK				
					VENDOR TOTAL:	121054.41						
VENDOR: 307 CITY OF STARKVILLE												
AUG 2020-STL	09/02/20	0	Reimb St Louis salary		09/16/20	4313.40	.00	CHK				
					VENDOR TOTAL:	4313.40						
VENDOR: 348 DELL MARKETING L.P.												
FEB-AUG 2020	09/02/20	0	Computer software		09/16/20	2395.00	.00	ACH				
					VENDOR TOTAL:	2395.00						
VENDOR: 400 IVY AUTO PARTS												
609,986	09/08/20	9406	Parts		09/16/20	187.93	.00	ACH				
					VENDOR TOTAL:	187.93						
VENDOR: 616 FUELMAN												
NP58701775	09/02/20	0	Fuel		09/16/20	1060.19	.00	CHK				
NP58720599	09/02/20	0	Fuel		09/16/20	2056.87	.00	CHK				
NP58744943	09/02/20	0	Fuel		09/16/20	911.39	.00	CHK				
NP58814088	09/08/20	0	Fuel		09/16/20	1595.13	.00	CHK				
					VENDOR TOTAL:	5623.58						
VENDOR: 691 GATEWAY TIRE&SERVICE CENTER												
1018-130377	09/08/20	9394	Repairs		09/16/20	1386.41	.00	CHK				
1018-130563	09/08/20	9400	Truck Repair		09/16/20	109.85	.00	CHK				
					VENDOR TOTAL:	1496.26						
VENDOR: 696 GARNER LUMLEY ELECTRIC												
320,102	09/08/20	9382	Materials		09/16/20	3658.90	.00	ACH				
572103	09/08/20	9388	Materials		09/16/20	1225.00	.00	ACH				
					VENDOR TOTAL:	4883.90						

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VENDOR:	1106	LESLIE DEAN									
072	09/08/20	0	Maintenance		09/16/20	500.00	.00	ACH			
			VENDOR TOTAL:			500.00					
VENDOR:	1239	LOLLEY REAL ESTATE									
SEPT 2020	09/04/20	0	Storage Rental		09/16/20	900.00	.00	ACH			
			VENDOR TOTAL:			900.00					
VENDOR:	1335	VERIZON CONNECT NWF, INC									
INVE0209291	09/02/20	0	Vehicle Services-CITY206		09/16/20	30.23	.00	CHK			
			VENDOR TOTAL:			30.23					
VENDOR:	1361	M & M PROSAFETY SUPPLY									
02554	09/08/20	9392	Supplies		09/16/20	924.86	.00	ACH			
			VENDOR TOTAL:			924.86					
VENDOR:	1394	NARRATIVE 12 LLC									
8/25/20	09/02/20	0	Consulting		09/16/20	4540.00	.00	ACH			
			VENDOR TOTAL:			4540.00					
VENDOR:	1400	NESCO									
2403626.001	09/08/20	9364	Uniforms		09/16/20	4216.71	.00	ACH			
			VENDOR TOTAL:			4216.71					
VENDOR:	1406	NORTHEAST EXTERMINATING									
21634	09/08/20	9411	Monthly pest control		09/16/20	45.00	.00	ACH			
			VENDOR TOTAL:			45.00					
VENDOR:	1525	OKTIBBEHA CO. CO-OP									
591416	09/08/20	9376	Uniforms		09/16/20	189.95	.00	ACH			
594910	09/08/20	9372	Service Lawn Mower		09/16/20	183.98	.00	ACH			
			VENDOR TOTAL:			373.93					

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INVOICE	DATE	PO NBR	DESCRIPTION	TEMPL INV	AP DATE	INVOICE AMOUNT	TAX AMOUNT	PMT TYP	PAID AMOUNT	PAID/VOID DATE	CHECK/ ACH SEQ
VENDOR:	1818	UNITED RENTALS, INC.									
013,188	09/08/20	9368	Parts		09/16/20	2307.77	.00	ACH			
943761631-157	09/08/20	9412	Rental		09/16/20	1000.00	.00	ACH			
SA0000000004177	09/08/20	9399	Materials		09/16/20	1395.01	.00	ACH			
					VENDOR TOTAL:	4702.78					
VENDOR:	1887	S & S LINE SERVICE INC									
2156-2165	09/02/20	0	ROW Clearing		09/16/20	23427.56	.00	ACH			
2166-2169	09/08/20	0	ROW Clearing		09/16/20	8830.60	.00	ACH			
					VENDOR TOTAL:	32258.16					
VENDOR:	1910	STARKVILLE ELEC-UTILITY BILL									
AUG 2020	08/31/20	0	Utility bills		09/16/20	288.22	.00	DFT			
					VENDOR TOTAL:	288.22					
VENDOR:	1920	CANNON FORD LINCOLN OF STARK									
3876	09/08/20	9401	Parts, Labor, Service		09/16/20	287.39	.00	CHK			
					VENDOR TOTAL:	287.39					
VENDOR:	1927	STAPLES BUSINESS CREDIT									
8/25/20	09/02/20	0	Office Supplies		09/16/20	437.06	.00	CHK			
					VENDOR TOTAL:	437.06					
VENDOR:	1929	SEVEN STATES POWER CORP									
INV 61 & 62	09/08/20	0	Electric Charging Stations L		09/16/20	6000.00	.00	CHK			
					VENDOR TOTAL:	6000.00					
VENDOR:	1931	STARKVILLE SANITATION DEPT									
AUG 2020	09/04/20	0	Sanitation Collections		09/16/20	240262.13	.00	CHK			
					VENDOR TOTAL:	240262.13					
VENDOR:	1933	STARKVILLE WATER DEPT									
AUG 2020	09/04/20	0	Water-Sewer Collections		09/16/20	552066.61	.00	ACH			
					VENDOR TOTAL:	552066.61					

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INVOICE	DATE	PO NBR	DESCRIPTION	TEMPL INV	AP DATE	INVOICE AMOUNT	TAX AMOUNT	PMT TYP	PAID AMOUNT	PAID/VOID DATE	CHECK/ ACH	SEQ
VENDOR:	1940	STUART C. IRBY										
75.001,75.002	09/08/20	9374	Uniforms		09/16/20	1860.76	.00	ACH				
					VENDOR TOTAL:	1860.76						
VENDOR:	1943	SOUTHERN TELECOMMUNICATIONS										
JULY 2020	09/02/20	0	Phone bill		09/16/20	348.42	.00	CHK				
					VENDOR TOTAL:	348.42						
VENDOR:	1945	SULLIVAN'S										
57505	09/03/20	0	Office supplies		09/16/20	58.67	.00	ACH				
					VENDOR TOTAL:	58.67						
VENDOR:	2009	TERRY STIDHAM CONSTRUCTION										
610773	09/08/20	9414	Contractor Services		09/16/20	480.00	.00	ACH				
					VENDOR TOTAL:	480.00						
VENDOR:	2017	TEREX UTILITIES										
438,439	09/08/20	9413	Repair		09/16/20	2705.75	.00	CHK				
					VENDOR TOTAL:	2705.75						
VENDOR:	2040	TVPPA EDUCATION & TRAIN.										
INV0022815	09/04/20	0	Safety training		09/16/20	500.00	.00	ACH				
					VENDOR TOTAL:	500.00						
VENDOR:	2104	UPS										
12031F320	09/02/20	0	Postage		09/16/20	4.75	.00	CHK				
					VENDOR TOTAL:	4.75						
VENDOR:	2210	VERIZON WIRELESS										
9861504808	09/08/20	0	AMI M2M Data Usage		09/16/20	624.78	.00	CHK				
9861862038	09/08/20	0	Phone bill 2821-01		09/16/20	1156.39	.00	CHK				
					VENDOR TOTAL:	1781.17						

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VENDOR:	2327	WAWKAWAY DISTRIBUTORS, INC.

CLR0920-272 09/03/20 0 Water

VENDOR TOTAL: 20.00

VENDOR: 99009746 SYNERGETICS DCS, INC

INV-038886	09/02/20	9210 Phone System
INV-038962	09/02/20	0 Software

VENDOR TOTAL: 39994.95

VENDOR: 99009980 NAV ASHFORD

8/18/20	09/03/20	0 Reimbursement

VENDOR TOTAL: 100.90

GRAND TOTAL: 1080266.21

UNPAID INVOICES

INVOICE AMOUNT	TAX AMOUNT	PMT TYP
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TAX
AMOUNTPMT
TYP

PAID	PAID/VOID	CHECK/
AMOUNT	DATE	ACH SEQ



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT.: Finance & Admin
AGENDA DATE: 9-15-2020
PAGE: 1

SUBJECT: Request approval of the August 2020 financial statements of the City of Starkville, MS.

AMOUNT & SOURCE OF FUNDING: N/A

FISCAL NOTE: N/A

AUTHORIZATION HISTORY: N/A

**REQUESTING
DEPARTMENT:** City Clerk's Office

**DIRECTOR'S
AUTHORIZATION:** Lesa Hardin

FOR MORE INFORMATION CONTACT: Lesa Hardin, City Clerk/CFO,
Jameika Smith, Deputy Clerk - Accounting Assistant, or David Wise,
Manager of Accounting & Finance

SUGGESTED MOTION:

Approval of the August 2020 financial statements of the City of Starkville, MS.



City of Starkville, MS

Budget Report Group Summary

For Fiscal: 2019-2020 Period Ending: 08/31/2020

Categor...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
Fund: 001 - GENERAL FUND						
Revenue						
Department: 000 - UNDESIGNATED						
200 - TAXES	7,472,500.00	7,472,500.00	104,420.12	7,052,076.43	-420,423.57	94.37 %
206 - LIEU OF TAXES	790,500.00	835,000.00	55,536.06	787,078.85	-47,921.15	94.26 %
220 - LICENSES AND PERMITS	238,000.00	247,000.00	35,101.74	292,430.41	45,430.41	118.39 %
230 - INTERGOVERNMENTAL REVENUES	9,217,500.00	9,073,613.00	685,085.15	9,025,896.20	-47,716.80	99.47 %
250 - GRANTS	975,247.00	1,049,247.00	65,446.96	811,517.14	-237,729.86	77.34 %
280 - CHARGES FOR GOVERNMENTAL SERVICES	24,500.00	24,500.00	200.00	25,539.91	1,039.91	104.24 %
330 - FINES AND FORFEITS	563,000.00	513,000.00	52,271.02	411,683.73	-101,316.27	80.25 %
340 - MISCELLANEOUS	627,620.00	552,870.00	43,460.98	572,643.84	19,773.84	103.58 %
360 - CHARGES FOR SERVICES	1,550.00	1,800.00	250.00	2,955.50	1,155.50	164.19 %
380 - TRANSFERS AND NON REVENUE RECEIPTS	3,155,000.00	3,155,000.00	113,750.00	1,768,523.50	-1,386,476.50	56.05 %
631 - ODDFELLOWS	5,000.00	5,000.00	327.39	3,586.76	-1,413.24	71.74 %
Department: 000 - UNDESIGNATED Total:	23,070,417.00	22,929,530.00	1,155,849.42	20,753,932.27	-2,175,597.73	90.51 %
Revenue Total:	23,070,417.00	22,929,530.00	1,155,849.42	20,753,932.27	-2,175,597.73	90.51 %
Expense						
Department: 100 - BOARD OF ALDERMEN						
400 - PERSONNEL SERVICES	207,060.00	197,633.15	15,446.38	180,149.39	17,483.76	91.15 %
600 - CONTRACTUAL SERVICES	17,500.00	11,050.00	530.39	7,679.17	3,370.83	69.49 %
Department: 100 - BOARD OF ALDERMEN Total:	224,560.00	208,683.15	15,976.77	187,828.56	20,854.59	90.01 %
Department: 110 - MUNICIPAL COURT						
400 - PERSONNEL SERVICES	320,745.00	310,928.24	24,369.89	287,604.38	23,323.86	92.50 %
500 - SUPPLIES	12,500.00	12,500.00	272.87	14,772.44	-2,272.44	118.18 %
600 - CONTRACTUAL SERVICES	20,700.00	20,700.00	975.67	21,834.74	-1,134.74	105.48 %
900 - CAPITAL OUTLAY	15,500.00	1,500.00	0.00	0.00	1,500.00	0.00 %
Department: 110 - MUNICIPAL COURT Total:	369,445.00	345,628.24	25,618.43	324,211.56	21,416.68	93.80 %
Department: 111 - YOUTH COURT						
600 - CONTRACTUAL SERVICES	1,500.00	1,500.00	139.70	1,506.76	-6.76	100.45 %
Department: 111 - YOUTH COURT Total:	1,500.00	1,500.00	139.70	1,506.76	-6.76	100.45 %
Department: 120 - MAYORS OFFICE						
400 - PERSONNEL SERVICES	154,110.00	147,094.94	10,862.13	135,243.21	11,851.73	91.94 %
500 - SUPPLIES	2,100.00	2,100.00	19.97	271.68	1,828.32	12.94 %
600 - CONTRACTUAL SERVICES	122,900.00	122,900.00	18,886.53	239,570.99	-116,670.99	194.93 %
900 - CAPITAL OUTLAY	0.00	1,500.00	0.00	1,345.00	155.00	89.67 %
Department: 120 - MAYORS OFFICE Total:	279,110.00	273,594.94	29,768.63	376,430.88	-102,835.94	137.59 %
Department: 123 - IT						
400 - PERSONNEL SERVICES	293,480.00	273,731.12	20,311.73	256,249.48	17,481.64	93.61 %
500 - SUPPLIES	2,000.00	500.00	0.00	147.28	352.72	29.46 %
600 - CONTRACTUAL SERVICES	83,000.00	93,979.00	3,606.16	106,541.68	-12,562.68	113.37 %
900 - CAPITAL OUTLAY	65,000.00	79,172.00	1,820.00	75,495.29	3,676.71	95.36 %
Department: 123 - IT Total:	443,480.00	447,382.12	25,737.89	438,433.73	8,948.39	98.00 %
Department: 130 - ELECTIONS						
500 - SUPPLIES	500.00	0.00	0.00	0.00	0.00	0.00 %
Department: 130 - ELECTIONS Total:	500.00	0.00	0.00	0.00	0.00	0.00 %
Department: 142 - CITY CLERKS OFFICE						
400 - PERSONNEL SERVICES	400,440.00	383,334.94	29,450.23	339,863.20	43,471.74	88.66 %
600 - CONTRACTUAL SERVICES	86,000.00	86,000.00	0.00	50,350.00	35,650.00	58.55 %
Department: 142 - CITY CLERKS OFFICE Total:	486,440.00	469,334.94	29,450.23	390,213.20	79,121.74	83.14 %

Budget Report

For Fiscal: 2019-2020 Period Ending: 08/31/2020

Categor...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
Department: 145 - OTHER ADMINISTRATIVE						
400 - PERSONNEL SERVICES	3,000.00	2,000.00	0.00	1,339.79	660.21	66.99 %
500 - SUPPLIES	12,072.00	9,572.00	294.98	7,520.78	2,051.22	78.57 %
600 - CONTRACTUAL SERVICES	31,000.00	27,500.00	890.68	15,871.47	11,628.53	57.71 %
900 - CAPITAL OUTLAY	3,000.00	3,000.00	0.00	2,900.00	100.00	96.67 %
Department: 145 - OTHER ADMINISTRATIVE Total:	49,072.00	42,072.00	1,185.66	27,632.04	14,439.96	65.68 %
Department: 159 - BONDING-CITY EMPLOYEES						
600 - CONTRACTUAL SERVICES	7,000.00	7,000.00	175.00	7,697.50	-697.50	109.96 %
Department: 159 - BONDING-CITY EMPLOYEES Total:	7,000.00	7,000.00	175.00	7,697.50	-697.50	109.96 %
Department: 160 - ATTORNEY AND STAFF						
400 - PERSONNEL SERVICES	69,950.00	69,950.00	5,387.00	64,644.00	5,306.00	92.41 %
Department: 160 - ATTORNEY AND STAFF Total:	69,950.00	69,950.00	5,387.00	64,644.00	5,306.00	92.41 %
Department: 169 - LEGAL						
600 - CONTRACTUAL SERVICES	163,000.00	163,000.00	11,031.70	185,825.90	-22,825.90	114.00 %
Department: 169 - LEGAL Total:	163,000.00	163,000.00	11,031.70	185,825.90	-22,825.90	114.00 %
Department: 180 - HUMAN RESOURCES						
400 - PERSONNEL SERVICES	225,925.00	209,043.30	15,613.12	190,891.91	18,151.39	91.32 %
500 - SUPPLIES	5,000.00	4,500.00	0.00	1,537.91	2,962.09	34.18 %
600 - CONTRACTUAL SERVICES	40,750.00	37,700.00	159.84	17,335.62	20,364.38	45.98 %
Department: 180 - HUMAN RESOURCES Total:	271,675.00	251,243.30	15,772.96	209,765.44	41,477.86	83.49 %
Department: 190 - CITY PLANNER						
400 - PERSONNEL SERVICES	263,015.00	242,468.05	17,702.54	219,407.08	23,060.97	90.49 %
500 - SUPPLIES	3,150.00	1,600.00	137.53	580.08	1,019.92	36.26 %
600 - CONTRACTUAL SERVICES	79,300.00	66,750.00	18,476.44	52,228.53	14,521.47	78.24 %
900 - CAPITAL OUTLAY	25,000.00	25,000.00	1,219.93	22,765.31	2,234.69	91.06 %
Department: 190 - CITY PLANNER Total:	370,465.00	335,818.05	37,536.44	294,981.00	40,837.05	87.84 %
Department: 191 - EXTERNAL SERVICE						
400 - PERSONNEL SERVICES	118,250.00	118,250.00	6,381.24	99,733.99	18,516.01	84.34 %
Department: 191 - EXTERNAL SERVICE Total:	118,250.00	118,250.00	6,381.24	99,733.99	18,516.01	84.34 %
Department: 192 - GENERAL GOVERN BLDG & PLANT						
500 - SUPPLIES	6,000.00	6,000.00	6,753.82	17,639.60	-11,639.60	293.99 %
600 - CONTRACTUAL SERVICES	87,500.00	87,500.00	2,218.96	74,827.83	12,672.17	85.52 %
800 - DEBT SERVICE	3,590.00	3,590.00	896.50	3,586.00	4.00	99.89 %
Department: 192 - GENERAL GOVERN BLDG & PLANT Total:	97,090.00	97,090.00	9,869.28	96,053.43	1,036.57	98.93 %
Department: 195 - TRANSFERS TO OTHER AGENCIES						
600 - CONTRACTUAL SERVICES	25,000.00	25,000.00	0.00	23,499.00	1,501.00	94.00 %
700 - GRANTS, SUBSIDIES, AND ALLOCATIONS	2,000.00	2,000.00	0.00	0.00	2,000.00	0.00 %
900 - CAPITAL OUTLAY	66,928.00	66,928.00	0.00	58,946.00	7,982.00	88.07 %
990 - TRANSFERS	32,000.00	32,000.00	12,000.00	32,000.00	0.00	100.00 %
Department: 195 - TRANSFERS TO OTHER AGENCIES Total:	125,928.00	125,928.00	12,000.00	114,445.00	11,483.00	90.88 %
Department: 196 - CEMETERY ADMINISTRATION						
600 - CONTRACTUAL SERVICES	25,500.00	25,500.00	1,938.00	25,991.00	-491.00	101.93 %
631 - ODDFELLOWS	20,000.00	20,000.00	1,700.00	18,700.00	1,300.00	93.50 %
990 - TRANSFERS	0.00	0.00	0.00	8,500.00	-8,500.00	0.00 %
Department: 196 - CEMETERY ADMINISTRATION Total:	45,500.00	45,500.00	3,638.00	53,191.00	-7,691.00	116.90 %
Department: 197 - ENGINEERING						
400 - PERSONNEL SERVICES	245,165.00	266,426.74	20,494.20	237,668.72	28,758.02	89.21 %
500 - SUPPLIES	3,400.00	3,400.00	63.91	3,748.97	-348.97	110.26 %
600 - CONTRACTUAL SERVICES	17,500.00	13,250.00	1,580.38	12,718.20	531.80	95.99 %
800 - DEBT SERVICE	5,244.00	5,244.00	436.95	4,806.45	437.55	91.66 %
900 - CAPITAL OUTLAY	3,000.00	0.00	0.00	0.00	0.00	0.00 %
Department: 197 - ENGINEERING Total:	274,309.00	288,320.74	22,575.44	258,942.34	29,378.40	89.81 %
Department: 200 - POLICE ADMINISTRATION						
400 - PERSONNEL SERVICES	118,050.00	112,327.08	8,627.22	110,320.40	2,006.68	98.21 %

Budget Report

For Fiscal: 2019-2020 Period Ending: 08/31/2020

Categor...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
Department: 200 - POLICE ADMINISTRATION Total:	118,050.00	112,327.08	8,627.22	110,320.40	2,006.68	98.21 %
Department: 201 - POLICE DEPARTMENT						
400 - PERSONNEL SERVICES	3,985,188.00	3,960,574.25	276,861.49	3,503,470.87	457,103.38	88.46 %
500 - SUPPLIES	446,000.00	416,000.00	30,915.89	338,466.80	77,533.20	81.36 %
600 - CONTRACTUAL SERVICES	484,700.00	486,700.00	33,671.77	436,665.65	50,034.35	89.72 %
700 - GRANTS, SUBSIDIES, AND ALLOCATIONS	5,578.00	5,578.00	4,843.30	25,442.42	-19,864.42	456.12 %
800 - DEBT SERVICE	107,000.00	107,000.00	0.00	82,670.84	24,329.16	77.26 %
900 - CAPITAL OUTLAY	50,000.00	65,829.00	0.00	65,446.96	382.04	99.42 %
Department: 201 - POLICE DEPARTMENT Total:	5,078,466.00	5,041,681.25	346,292.45	4,452,163.54	589,517.71	88.31 %
Department: 245 - DISPATCHERS						
400 - PERSONNEL SERVICES	318,300.00	318,300.00	16,353.10	257,618.50	60,681.50	80.94 %
600 - CONTRACTUAL SERVICES	1,000.00	500.00	0.00	0.00	500.00	0.00 %
Department: 245 - DISPATCHERS Total:	319,300.00	318,800.00	16,353.10	257,618.50	61,181.50	80.81 %
Department: 254 - DUI GRANT						
400 - PERSONNEL SERVICES	120,080.00	120,080.00	5,995.14	83,061.97	37,018.03	69.17 %
Department: 254 - DUI GRANT Total:	120,080.00	120,080.00	5,995.14	83,061.97	37,018.03	69.17 %
Department: 260 - FIRE ADMINISTRATION						
400 - PERSONNEL SERVICES	106,680.00	101,227.14	8,232.02	93,544.00	7,683.14	92.41 %
Department: 260 - FIRE ADMINISTRATION Total:	106,680.00	101,227.14	8,232.02	93,544.00	7,683.14	92.41 %
Department: 261 - FIRE DEPARTMENT						
400 - PERSONNEL SERVICES	3,940,465.00	3,984,612.00	299,171.65	3,639,585.12	345,026.88	91.34 %
500 - SUPPLIES	102,350.00	90,500.00	5,885.53	76,481.94	14,018.06	84.51 %
600 - CONTRACTUAL SERVICES	324,100.00	288,450.00	21,957.90	249,728.07	38,721.93	86.58 %
700 - GRANTS, SUBSIDIES, AND ALLOCATIONS	0.00	43,113.00	0.00	37,167.21	5,945.79	86.21 %
800 - DEBT SERVICE	100,000.00	100,000.00	0.00	0.00	100,000.00	0.00 %
900 - CAPITAL OUTLAY	65,000.00	60,000.00	447.00	41,293.42	18,706.58	68.82 %
Department: 261 - FIRE DEPARTMENT Total:	4,531,915.00	4,566,675.00	327,462.08	4,044,255.76	522,419.24	88.56 %
Department: 281 - BUILDING/CODES OFFICE						
400 - PERSONNEL SERVICES	243,730.00	235,475.40	12,270.40	201,240.27	34,235.13	85.46 %
500 - SUPPLIES	5,750.00	5,450.00	313.09	3,482.68	1,967.32	63.90 %
600 - CONTRACTUAL SERVICES	25,150.00	17,625.00	1,101.68	12,797.77	4,827.23	72.61 %
800 - DEBT SERVICE	5,244.00	5,669.00	888.33	10,222.96	-4,553.96	180.33 %
Department: 281 - BUILDING/CODES OFFICE Total:	279,874.00	264,219.40	14,573.50	227,743.68	36,475.72	86.19 %
Department: 290 - CIVIL DEFENSE/WARNING SYSTEM						
600 - CONTRACTUAL SERVICES	17,000.00	17,000.00	241.09	7,138.61	9,861.39	41.99 %
900 - CAPITAL OUTLAY	0.00	10,408.00	0.00	10,408.00	0.00	100.00 %
Department: 290 - CIVIL DEFENSE/WARNING SYSTEM Total:	17,000.00	27,408.00	241.09	17,546.61	9,861.39	64.02 %
Department: 301 - STREET DEPARTMENT						
400 - PERSONNEL SERVICES	786,015.00	652,649.65	41,743.42	542,015.14	110,634.51	83.05 %
500 - SUPPLIES	192,500.00	167,500.00	19,161.69	172,192.97	-4,692.97	102.80 %
600 - CONTRACTUAL SERVICES	588,375.00	573,875.00	45,546.91	532,511.31	41,363.69	92.79 %
800 - DEBT SERVICE	31,213.00	71,213.00	451.37	36,628.33	34,584.67	51.43 %
900 - CAPITAL OUTLAY	10,000.00	10,000.00	0.00	3,736.04	6,263.96	37.36 %
Department: 301 - STREET DEPARTMENT Total:	1,608,103.00	1,475,237.65	106,903.39	1,287,083.79	188,153.86	87.25 %
Department: 360 - ANIMAL CONTROL						
400 - PERSONNEL SERVICES	96,030.00	89,730.00	7,529.22	73,849.49	15,880.51	82.30 %
500 - SUPPLIES	3,000.00	3,000.00	68.15	2,445.37	554.63	81.51 %
600 - CONTRACTUAL SERVICES	5,500.00	5,500.00	332.83	4,453.06	1,046.94	80.96 %
900 - CAPITAL OUTLAY	125,000.00	125,000.00	0.00	125,000.00	0.00	100.00 %
Department: 360 - ANIMAL CONTROL Total:	229,530.00	223,230.00	7,930.20	205,747.92	17,482.08	92.17 %
Department: 541 - MSU COOPERATIVE PROJECTS HORSE PARK						
600 - CONTRACTUAL SERVICES	20,000.00	20,000.00	0.00	20,000.00	0.00	100.00 %
Department: 541 - MSU COOPERATIVE PROJECTS HORSE PARK Total:	20,000.00	20,000.00	0.00	20,000.00	0.00	100.00 %
Department: 550 - PARKS AND REC DEPARTMENT						
400 - PERSONNEL SERVICES	903,280.00	702,007.00	44,714.56	632,824.59	69,182.41	90.15 %

Budget Report

For Fiscal: 2019-2020 Period Ending: 08/31/2020

Categor...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
500 - SUPPLIES	220,000.00	194,725.00	4,662.66	94,184.11	100,540.89	48.37 %
600 - CONTRACTUAL SERVICES	627,350.00	549,850.00	26,820.38	431,297.11	118,552.89	78.44 %
700 - GRANTS, SUBSIDIES, AND ALLOCATIONS	0.00	0.00	0.00	6,500.00	-6,500.00	0.00 %
800 - DEBT SERVICE	17,956.00	17,956.00	0.00	13,467.00	4,489.00	75.00 %
900 - CAPITAL OUTLAY	2,500.00	2,500.00	250.00	21,749.60	-19,249.60	869.98 %
Department: 550 - PARKS AND REC DEPARTMENT Total:	1,771,086.00	1,467,038.00	76,447.60	1,200,022.41	267,015.59	81.80 %
Department: 552 - PARK AND REC ACTIVITIES						
500 - SUPPLIES	0.00	0.00	0.00	27.38	-27.38	0.00 %
600 - CONTRACTUAL SERVICES	0.00	40,000.00	0.00	11,617.06	28,382.94	29.04 %
Department: 552 - PARK AND REC ACTIVITIES Total:	0.00	40,000.00	0.00	11,644.44	28,355.56	29.11 %
Department: 600 - CAPITAL PROJECTS						
700 - GRANTS, SUBSIDIES, AND ALLOCATIONS	15,000.00	15,000.00	0.00	2,605.11	12,394.89	17.37 %
900 - CAPITAL OUTLAY	1,073,067.00	1,527,067.00	6,506.57	923,303.37	603,763.63	60.46 %
Department: 600 - CAPITAL PROJECTS Total:	1,088,067.00	1,542,067.00	6,506.57	925,908.48	616,158.52	60.04 %
Department: 653 - GRANTS, SUBSIDIES, AND ALLOCATIONS						
700 - GRANTS, SUBSIDIES, AND ALLOCATIONS	64,000.00	64,000.00	0.00	60,500.00	3,500.00	94.53 %
900 - CAPITAL OUTLAY	210,000.00	210,000.00	0.00	210,000.00	0.00	100.00 %
Department: 653 - GRANTS, SUBSIDIES, AND ALLOCATIONS Total:	274,000.00	274,000.00	0.00	270,500.00	3,500.00	98.72 %
Department: 800 - DEBT SERVICE						
800 - DEBT SERVICE	2,213,492.00	2,383,492.00	0.00	1,574,528.89	808,963.11	66.06 %
Department: 800 - DEBT SERVICE Total:	2,213,492.00	2,383,492.00	0.00	1,574,528.89	808,963.11	66.06 %
Department: 900 - INTERFUND TRANSACTIONS						
900 - CAPITAL OUTLAY	1,897,500.00	1,661,752.00	0.00	17,907.04	1,643,844.96	1.08 %
Department: 900 - INTERFUND TRANSACTIONS Total:	1,897,500.00	1,661,752.00	0.00	17,907.04	1,643,844.96	1.08 %
Expense Total:	23,070,417.00	22,929,530.00	1,177,808.73	17,931,133.76	4,998,396.24	78.20 %
Fund: 001 - GENERAL FUND Surplus (Deficit):	0.00	0.00	-21,959.31	2,822,798.51	2,822,798.51	0.00 %

Budget Report

For Fiscal: 2019-2020 Period Ending: 08/31/2020

Categor...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
Fund: 002 - RESTRICTED POLICE FUND						
Revenue						
Department: 000 - UNDESIGNATED						
330 - FINES AND FORFEITS	10,000.00	10,000.00	0.00	9,184.00	-816.00	91.84 %
380 - TRANSFERS AND NON REVENUE RECEIPTS	25,000.00	25,000.00	0.00	0.00	-25,000.00	0.00 %
Department: 000 - UNDESIGNATED Total:	35,000.00	35,000.00	0.00	9,184.00	-25,816.00	26.24 %
Revenue Total:	35,000.00	35,000.00	0.00	9,184.00	-25,816.00	26.24 %
Expense						
Department: 251 - DRUG EDUCATION FUND						
500 - SUPPLIES	5,000.00	5,000.00	0.00	163.93	4,836.07	3.28 %
600 - CONTRACTUAL SERVICES	2,000.00	2,000.00	0.00	0.00	2,000.00	0.00 %
900 - CAPITAL OUTLAY	28,000.00	28,000.00	0.00	0.00	28,000.00	0.00 %
Department: 251 - DRUG EDUCATION FUND Total:	35,000.00	35,000.00	0.00	163.93	34,836.07	0.47 %
Expense Total:	35,000.00	35,000.00	0.00	163.93	34,836.07	0.47 %
Fund: 002 - RESTRICTED POLICE FUND Surplus (Deficit):	0.00	0.00	0.00	9,020.07	9,020.07	0.00 %

Budget Report

For Fiscal: 2019-2020 Period Ending: 08/31/2020

Categor...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
Fund: 003 - RESTRICTED FIRE FUND						
Revenue						
Department: 000 - UNDESIGNATED						
230 - INTERGOVERNMENTAL REVENUES	134,000.00	134,000.00	144,112.32	144,112.32	10,112.32	107.55 %
380 - TRANSFERS AND NON REVENUE RECEIPTS	315,000.00	315,000.00	0.00	0.00	-315,000.00	0.00 %
Department: 000 - UNDESIGNATED Total:	449,000.00	449,000.00	144,112.32	144,112.32	-304,887.68	32.10 %
Revenue Total:	449,000.00	449,000.00	144,112.32	144,112.32	-304,887.68	32.10 %
Expense						
Department: 560 - RESTRICTED FIRE FUND						
500 - SUPPLIES	1,000.00	1,000.00	0.00	173.00	827.00	17.30 %
600 - CONTRACTUAL SERVICES	26,000.00	26,000.00	0.00	8,101.71	17,898.29	31.16 %
800 - DEBT SERVICE	266,364.00	266,364.00	0.00	224,629.96	41,734.04	84.33 %
900 - CAPITAL OUTLAY	155,636.00	155,636.00	0.00	0.00	155,636.00	0.00 %
Department: 560 - RESTRICTED FIRE FUND Total:	449,000.00	449,000.00	0.00	232,904.67	216,095.33	51.87 %
Expense Total:	449,000.00	449,000.00	0.00	232,904.67	216,095.33	51.87 %
Fund: 003 - RESTRICTED FIRE FUND Surplus (Deficit):	0.00	0.00	144,112.32	-88,792.35	-88,792.35	0.00 %

Budget Report

For Fiscal: 2019-2020 Period Ending: 08/31/2020

Categor...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
Fund: 015 - AIRPORT FUND						
Revenue						
Department: 000 - UNDESIGNATED						
230 - INTERGOVERNMENTAL REVENUES	70,951.00	70,951.00	0.00	54,987.00	-15,964.00	77.50 %
340 - MISCELLANEOUS	50,250.00	50,250.00	2,500.00	25,523.81	-24,726.19	50.79 %
360 - CHARGES FOR SERVICES	673,608.00	569,840.25	49,635.68	474,299.90	-95,540.35	83.23 %
380 - TRANSFERS AND NON REVENUE RECEIPTS	556,000.00	556,000.00	0.00	0.00	-556,000.00	0.00 %
Department: 000 - UNDESIGNATED Total:	1,350,809.00	1,247,041.25	52,135.68	554,810.71	-692,230.54	44.49 %
Revenue Total:	1,350,809.00	1,247,041.25	52,135.68	554,810.71	-692,230.54	44.49 %
Expense						
Department: 505 - AIRPORT						
400 - PERSONNEL SERVICES	173,420.00	170,652.25	10,599.97	117,075.84	53,576.41	68.60 %
500 - SUPPLIES	472,700.00	372,700.00	39,436.96	274,846.96	97,853.04	73.74 %
600 - CONTRACTUAL SERVICES	104,850.00	117,350.00	5,615.88	83,647.10	33,702.90	71.28 %
700 - GRANTS, SUBSIDIES, AND ALLOCATIONS	35,408.00	35,408.00	0.00	587.67	34,820.33	1.66 %
900 - CAPITAL OUTLAY	564,431.00	550,931.00	0.00	0.00	550,931.00	0.00 %
Department: 505 - AIRPORT Total:	1,350,809.00	1,247,041.25	55,652.81	476,157.57	770,883.68	38.18 %
Expense Total:	1,350,809.00	1,247,041.25	55,652.81	476,157.57	770,883.68	38.18 %
Fund: 015 - AIRPORT FUND Surplus (Deficit):	0.00	0.00	-3,517.13	78,653.14	78,653.14	0.00 %

Budget Report

For Fiscal: 2019-2020 Period Ending: 08/31/2020

Categor...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
Fund: 016 - RESTRICTED AIRPORT						
Revenue						
Department: 000 - UNDESIGNATED						
230 - INTERGOVERNMENTAL REVENUES	148,133.00	98,836.00	0.00	31,982.80	-66,853.20	32.36 %
Department: 000 - UNDESIGNATED Total:	148,133.00	98,836.00	0.00	31,982.80	-66,853.20	32.36 %
Revenue Total:	148,133.00	98,836.00	0.00	31,982.80	-66,853.20	32.36 %
Expense						
Department: 515 - RESTRICTED PROJECTS						
600 - CONTRACTUAL SERVICES	44,559.00	44,559.00	0.00	0.00	44,559.00	0.00 %
700 - GRANTS, SUBSIDIES, AND ALLOCATIONS	103,574.00	54,277.00	10,501.35	39,296.91	14,980.09	72.40 %
Department: 515 - RESTRICTED PROJECTS Total:	148,133.00	98,836.00	10,501.35	39,296.91	59,539.09	39.76 %
Expense Total:	148,133.00	98,836.00	10,501.35	39,296.91	59,539.09	39.76 %
Fund: 016 - RESTRICTED AIRPORT Surplus (Deficit):	0.00	0.00	-10,501.35	-7,314.11	-7,314.11	0.00 %

Budget Report

For Fiscal: 2019-2020 Period Ending: 08/31/2020

Categor...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
Fund: 022 - ENVIRONMENTAL SERVICES						
Revenue						
Department: 000 - UNDESIGNATED						
340 - MISCELLANEOUS	2,804,000.00	2,737,000.00	233,537.47	2,609,513.49	-127,486.51	95.34 %
380 - TRANSFERS AND NON REVENUE RECEIPTS	330,000.00	330,000.00	0.00	2,709.00	-327,291.00	0.82 %
Department: 000 - UNDESIGNATED Total:	3,134,000.00	3,067,000.00	233,537.47	2,612,222.49	-454,777.51	85.17 %
Revenue Total:	3,134,000.00	3,067,000.00	233,537.47	2,612,222.49	-454,777.51	85.17 %
Expense						
Department: 322 - SANITATION DEPARTMENT						
400 - PERSONNEL SERVICES	1,544,085.00	1,488,285.00	96,495.25	1,280,669.91	207,615.09	86.05 %
500 - SUPPLIES	297,000.00	289,500.00	5,783.78	248,161.52	41,338.48	85.72 %
600 - CONTRACTUAL SERVICES	810,750.00	807,050.00	72,859.80	786,183.67	20,866.33	97.41 %
800 - DEBT SERVICE	173,868.00	224,203.00	3,743.59	260,987.04	-36,784.04	116.41 %
900 - CAPITAL OUTLAY	308,297.00	257,962.00	4,999.99	28,859.29	229,102.71	11.19 %
Department: 322 - SANITATION DEPARTMENT Total:	3,134,000.00	3,067,000.00	183,882.41	2,604,861.43	462,138.57	84.93 %
Expense Total:	3,134,000.00	3,067,000.00	183,882.41	2,604,861.43	462,138.57	84.93 %
Fund: 022 - ENVIRONMENTAL SERVICES Surplus (Deficit):	0.00	0.00	49,655.06	7,361.06	7,361.06	0.00 %

Budget Report

For Fiscal: 2019-2020 Period Ending: 08/31/2020

Categor...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
Fund: 023 - LANDFILL ACCOUNT						
Revenue						
Department: 000 - UNDESIGNATED						
230 - INTERGOVERNMENTAL REVENUES	0.00	0.00	0.00	851.25	851.25	0.00 %
380 - TRANSFERS AND NON REVENUE RECEIPTS	250,000.00	250,000.00	30,623.21	274,645.73	24,645.73	109.86 %
Department: 000 - UNDESIGNATED Total:	250,000.00	250,000.00	30,623.21	275,496.98	25,496.98	110.20 %
Revenue Total:	250,000.00	250,000.00	30,623.21	275,496.98	25,496.98	110.20 %
Expense						
Department: 323 - LANDFILL						
600 - CONTRACTUAL SERVICES	250,000.00	250,000.00	0.00	851.25	249,148.75	0.34 %
Department: 323 - LANDFILL Total:	250,000.00	250,000.00	0.00	851.25	249,148.75	0.34 %
Expense Total:	250,000.00	250,000.00	0.00	851.25	249,148.75	0.34 %
Fund: 023 - LANDFILL ACCOUNT Surplus (Deficit):	0.00	0.00	30,623.21	274,645.73	274,645.73	0.00 %

Budget Report

For Fiscal: 2019-2020 Period Ending: 08/31/2020

Categor...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
Fund: 107 - COMPUTER ASSESSMENTS						
Revenue						
Department: 000 - UNDESIGNATED						
330 - FINES AND FORFEITS	45,000.00	45,000.00	0.00	31,143.75	-13,856.25	69.21 %
Department: 000 - UNDESIGNATED Total:	45,000.00	45,000.00	0.00	31,143.75	-13,856.25	69.21 %
Revenue Total:	45,000.00	45,000.00	0.00	31,143.75	-13,856.25	69.21 %
Expense						
Department: 112 - COMPUTER ASSESMENTS						
600 - CONTRACTUAL SERVICES	45,000.00	45,000.00	37,349.64	88,815.89	-43,815.89	197.37 %
Department: 112 - COMPUTER ASSESMENTS Total:	45,000.00	45,000.00	37,349.64	88,815.89	-43,815.89	197.37 %
Expense Total:	45,000.00	45,000.00	37,349.64	88,815.89	-43,815.89	197.37 %
Fund: 107 - COMPUTER ASSESSMENTS Surplus (Deficit):	0.00	0.00	-37,349.64	-57,672.14	-57,672.14	0.00 %

Budget Report

For Fiscal: 2019-2020 Period Ending: 08/31/2020

Categor...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
Fund: 303 - INDUSTRIAL PARK BOND						
Revenue						
Department: 000 - UNDESIGNATED						
340 - MISCELLANEOUS	10,000.00	10,000.00	2,627.73	37,659.40	27,659.40	376.59 %
380 - TRANSFERS AND NON REVENUE RECEIPTS	2,000,000.00	2,000,000.00	0.00	0.00	-2,000,000.00	0.00 %
Department: 000 - UNDESIGNATED Total:	2,010,000.00	2,010,000.00	2,627.73	37,659.40	-1,972,340.60	1.87 %
Revenue Total:	2,010,000.00	2,010,000.00	2,627.73	37,659.40	-1,972,340.60	1.87 %
Expense						
Department: 331 - INDUSTRIAL PARK						
990 - TRANSFERS	0.00	0.00	0.00	252,298.30	-252,298.30	0.00 %
Department: 331 - INDUSTRIAL PARK Total:	0.00	0.00	0.00	252,298.30	-252,298.30	0.00 %
Department: 600 - CAPITAL PROJECTS						
600 - CONTRACTUAL SERVICES	2,010,000.00	2,010,000.00	19,771.14	841,858.60	1,168,141.40	41.88 %
Department: 600 - CAPITAL PROJECTS Total:	2,010,000.00	2,010,000.00	19,771.14	841,858.60	1,168,141.40	41.88 %
Expense Total:	2,010,000.00	2,010,000.00	19,771.14	1,094,156.90	915,843.10	54.44 %
Fund: 303 - INDUSTRIAL PARK BOND Surplus (Deficit):	0.00	0.00	-17,143.41	-1,056,497.50	-1,056,497.50	0.00 %

Budget Report

For Fiscal: 2019-2020 Period Ending: 08/31/2020

Categor...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
Fund: 311 - PARKING MILL PROJECT						
Revenue						
Department: 000 - UNDESIGNATED						
230 - INTERGOVERNMENTAL REVENUES	0.00	0.00	0.00	5,000.00	5,000.00	0.00 %
Department: 000 - UNDESIGNATED Total:	0.00	0.00	0.00	5,000.00	5,000.00	0.00 %
Revenue Total:	0.00	0.00	0.00	5,000.00	5,000.00	0.00 %
Expense						
Department: 656 - PARKING MILL PROJECT						
600 - CONTRACTUAL SERVICES	0.00	0.00	0.00	5,000.00	-5,000.00	0.00 %
Department: 656 - PARKING MILL PROJECT Total:	0.00	0.00	0.00	5,000.00	-5,000.00	0.00 %
Expense Total:	0.00	0.00	0.00	5,000.00	-5,000.00	0.00 %
Fund: 311 - PARKING MILL PROJECT Surplus (Deficit):	0.00	0.00	0.00	0.00	0.00	0.00 %

Budget Report

For Fiscal: 2019-2020 Period Ending: 08/31/2020

Categor...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
Fund: 319 - PUBLIC IMPROVEMENT BONDS 2018						
Revenue						
Department: 000 - UNDESIGNATED						
340 - MISCELLANEOUS	10,000.00	10,000.00	4,485.27	44,602.82	34,602.82	446.03 %
380 - TRANSFERS AND NON REVENUE RECEIPTS	1,240,000.00	1,240,000.00	0.00	2,881,040.26	1,641,040.26	232.34 %
Department: 000 - UNDESIGNATED Total:	1,250,000.00	1,250,000.00	4,485.27	2,925,643.08	1,675,643.08	234.05 %
Revenue Total:	1,250,000.00	1,250,000.00	4,485.27	2,925,643.08	1,675,643.08	234.05 %
Expense						
Department: 600 - CAPITAL PROJECTS						
600 - CONTRACTUAL SERVICES	5,000.00	5,000.00	0.00	0.00	5,000.00	0.00 %
900 - CAPITAL OUTLAY	1,245,000.00	1,245,000.00	4,993.00	278,830.57	966,169.43	22.40 %
Department: 600 - CAPITAL PROJECTS Total:	1,250,000.00	1,250,000.00	4,993.00	278,830.57	971,169.43	22.31 %
Expense Total:	1,250,000.00	1,250,000.00	4,993.00	278,830.57	971,169.43	22.31 %
Fund: 319 - PUBLIC IMPROVEMENT BONDS 2018 Surplus (Deficit):	0.00	0.00	-507.73	2,646,812.51	2,646,812.51	0.00 %

Budget Report

For Fiscal: 2019-2020 Period Ending: 08/31/2020

Categor...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
Fund: 375 - PARK AND REC TOURISM						
Revenue						
Department: 000 - UNDESIGNATED						
230 - INTERGOVERNMENTAL REVENUES	1,850,000.00	1,850,000.00	149,109.95	1,758,930.42	-91,069.58	95.08 %
380 - TRANSFERS AND NON REVENUE RECEIPTS	675,000.00	675,000.00	0.00	0.00	-675,000.00	0.00 %
Department: 000 - UNDESIGNATED Total:	2,525,000.00	2,525,000.00	149,109.95	1,758,930.42	-766,069.58	69.66 %
Revenue Total:	2,525,000.00	2,525,000.00	149,109.95	1,758,930.42	-766,069.58	69.66 %
Expense						
Department: 551 - PARK & REC TOURISM						
800 - DEBT SERVICE	418,715.00	418,715.00	213,321.23	646,828.23	-228,113.23	154.48 %
900 - CAPITAL OUTLAY	1,106,285.00	1,106,285.00	0.00	0.00	1,106,285.00	0.00 %
950 - TRANSFERS	250,000.00	250,000.00	0.00	250,000.00	0.00	100.00 %
Department: 551 - PARK & REC TOURISM Total:	1,775,000.00	1,775,000.00	213,321.23	896,828.23	878,171.77	50.53 %
Expense Total:	1,775,000.00	1,775,000.00	213,321.23	896,828.23	878,171.77	50.53 %
Fund: 375 - PARK AND REC TOURISM Surplus (Deficit):	750,000.00	750,000.00	-64,211.28	862,102.19	112,102.19	114.95 %
Report Surplus (Deficit):	750,000.00	750,000.00	69,200.74	5,491,117.11	4,741,117.11	732.15 %

Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)
001 - GENERAL FUND	0.00	0.00	-21,959.31	2,822,798.51	2,822,798.51
002 - RESTRICTED POLICE FUND	0.00	0.00	0.00	9,020.07	9,020.07
003 - RESTRICTED FIRE FUND	0.00	0.00	144,112.32	-88,792.35	-88,792.35
015 - AIRPORT FUND	0.00	0.00	-3,517.13	78,653.14	78,653.14
016 - RESTRICTED AIRPORT	0.00	0.00	-10,501.35	-7,314.11	-7,314.11
022 - ENVIRONMENTAL SERVICES	0.00	0.00	49,655.06	7,361.06	7,361.06
023 - LANDFILL ACCOUNT	0.00	0.00	30,623.21	274,645.73	274,645.73
107 - COMPUTER ASSESSMENTS	0.00	0.00	-37,349.64	-57,672.14	-57,672.14
303 - INDUSTRIAL PARK BOND	0.00	0.00	-17,143.41	-1,056,497.50	-1,056,497.50
311 - PARKING MILL PROJECT	0.00	0.00	0.00	0.00	0.00
319 - PUBLIC IMPROVEMENT BOND	0.00	0.00	-507.73	2,646,812.51	2,646,812.51
375 - PARK AND REC TOURISM	750,000.00	750,000.00	-64,211.28	862,102.19	112,102.19
Report Surplus (Deficit):	750,000.00	750,000.00	69,200.74	5,491,117.11	4,741,117.11



**Starkville Utilities – Electric Department
Budget Year 2020 (10/2019-9/2020) Report
As of August 31, 2020**

****PRELIMINARY**

	Total 2020 Budget	Period Activity	Budget Year-to-Date Activity	Variance Favorable (Unfavorable)	Percent Used
<u>Revenues</u>					
Electric Sales	\$ 41,465,000	\$ 3,831,839	\$ 34,695,593	(6,769,407)	83.67%
Other Revenue	1,742,000	157,836	1,662,591	(79,409)	95.44%
Total Revenue	\$ 43,207,000	\$ 3,989,675	\$ 36,358,184	(6,848,816)	84.15%
<u>Expenses</u>					
Purchased Power Expense	\$ 32,700,000	\$ 3,195,141	\$ 27,233,689	5,466,311	83.28%
Payroll Expenses	2,384,863	200,401	2,185,466	199,397	91.64%
Operating Expenses	1,021,500	60,901	745,532	275,968	72.98%
Maintenance Expense	1,295,500	87,870	1,027,352	268,148	79.30%
Capital Expense	4,362,099	358,120	3,028,415	1,333,684	69.43%
Debt Expense	490,925	-	490,925	-	100.00%
Tax Equivalency	1,365,000	113,750	1,251,250	113,750	91.67%
Total Expenses	\$ 43,619,887	\$ 4,016,183	\$ 35,962,629	7,657,258	82.45%
Total Revenue Over Expenses	\$ (412,887)	\$ (26,508)	\$ 395,555	\$ 808,442	-95.80%

****Note: Actuals based on estimates due to timing of month-end close, final revenue billings, and month-end expense accruals.**



Starkville Utilities – Water & Sewer Department
Budget Year 2020 (10/2019-9/2020) Report
As of August 31, 2020

****PRELIMINARY**

	Total 2020 Budget	Period Activity	Budget Year-to-Date Activity	Variance Favorable (Unfavorable)	Percent Used
<u>Revenues</u>					
Water & Sewer Sales Revenues	\$ 6,700,000	\$ 510,500	\$ 5,825,578	(874,422)	86.95%
Other Revenues	2,079,761	67,096	946,560	(1,133,201)	45.51%
Total Revenues	\$ 8,779,761	\$ 577,596	\$ 6,772,138	(2,007,623)	77.13%
<u>Expenses</u>					
Payroll Expense	\$ 1,796,908	\$ 177,911	\$ 1,705,058	91,850	94.89%
Operating Expense	1,407,500	112,818	1,209,818	197,682	85.96%
Maintenance Expense	2,112,255	114,901	1,955,747	156,508	92.59%
Capital Expense	2,129,250	35,875	736,964	1,392,286	34.61%
Debt Expense	1,496,575	65,472	1,276,401	220,174	85.29%
Total Expenses	\$ 8,942,488	\$ 506,977	\$ 6,883,988	2,058,500	76.98%
Total Revenues Over Expenses	\$ (162,727)	\$ 70,619	\$ (111,850)	\$ 50,877	68.73%

****Note: Actuals based on estimates due to timing of month-end close, final revenue billings, and month-end expense accruals.**

**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT: Human Resources

AGENDA DATED: September 15, 2020

Page: 1

SUBJECT:

Request authorization to hire Alexis Robinson as a Deputy Court Clerk in the Municipal Court Department.

AMOUNT & SOURCE OF FUNDING:

Grade 9, Non Exempt \$29,120 (\$14.00 per hour), based on 2080 hours.

FISCAL NOTE:

Budgeted from line item # 001-110-420-105

AUTHORIZATION HISTORY:

The position was previously held by Pamela Simpson who resigned.

REQUESTING DEPARTMENT:

Municipal Court

DIRECTOR'S AUTHORIZATION:

Jodi Hogue, Municipal Court Clerk

FOR MORE INFORMATION CONTACT:

Jodi Hogue, Municipal Court Clerk or Nav Ashford, Human Resources Director

SUGGESTED MOTION:

Move approval to hire Alexis Robinson as a Deputy Court Clerk in the Municipal Court Department.

**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT: Human Resources

AGENDA DATE: September 15, 2020

Page: 1

SUBJECT:

Request authorization to hire Lee Upchurch as a Records Clerk in the Starkville Police Department.

AMOUNT & SOURCE OF FUNDING:

Grade 10, non-exempt salary of \$34,000 (\$16.35 per hour) based on 2080 hours per year.

LINE ITEM

Budgeted from line item # 001-201-430-107

AUTHORIZATION HISTORY:

This is a replacement position previously held by Donna Lott who resigned.

REQUESTING DEPARTMENT:

Starkville Police Department

DIRECTOR'S AUTHORIZATION:

Mark Ballard, Police Chief

FOR MORE INFORMATION CONTACT:

Mark Ballard, Police Chief or Nav Ashford, Human Resources Director

SUGGESTED MOTION:

Move approval to hire Lee Upchurch as a Records Clerk in the Starkville Police Department.



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT: Human Resources
AGENDA DATE: September 15, 2020
Page: 1

SUBJECT:

Request authorization to hire Brady Haynes as an Apprentice Lineman in the Starkville Utilities Department.

AMOUNT & SOURCE OF FUNDING:

Brady Haynes - Grade 10, Non Exempt 37,440 (\$18.00 per hour), based on 2080 hours.

FISCAL NOTE:

Paid 100% by Electric Division of Starkville Utilities; Salaries expense allocated based on Electric Job Work Orders

AUTHORIZATION HISTORY:

This position was previously held by Brady Haynes who resigned, because he thought he was moving. He ended up not relocating.

REQUESTING DEPARTMENT:

Starkville Utilities Department

DIRECTOR'S AUTHORIZATION:

Terry Kemp, General Manager

FOR MORE INFORMATION CONTACT:

Navarrete Ashford, Human Resources Director

SUGGESTED MOTION

Move approval to hire Brady Haynes as an Apprentice Lineman in the Starkville Utilities Department.



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT: Human Resources
AGENDA DATE: September 15, 2020
Page: 1

SUBJECT:

Request authorization to hire Stein McMullen as a Building Official in the Community Development Department with dual responsibilities as a Fire Marshal in the Fire Department.

AMOUNT & SOURCE OF FUNDING:

Grade 16, annual salary of \$66,600 (\$32.00 per hour), based on 2080 hours.

FISCAL NOTE:

Budgeted from line item # 001-281- 420-105

AUTHORIZATION HISTORY:

This is a replacement position previously held by Joyner Williams who retired in December of 2019.

REQUESTING DEPARTMENT:

Community Development Department

DIRECTOR'S AUTHORIZATION:

Sungman Kim, Director

FOR MORE INFORMATION CONTACT:

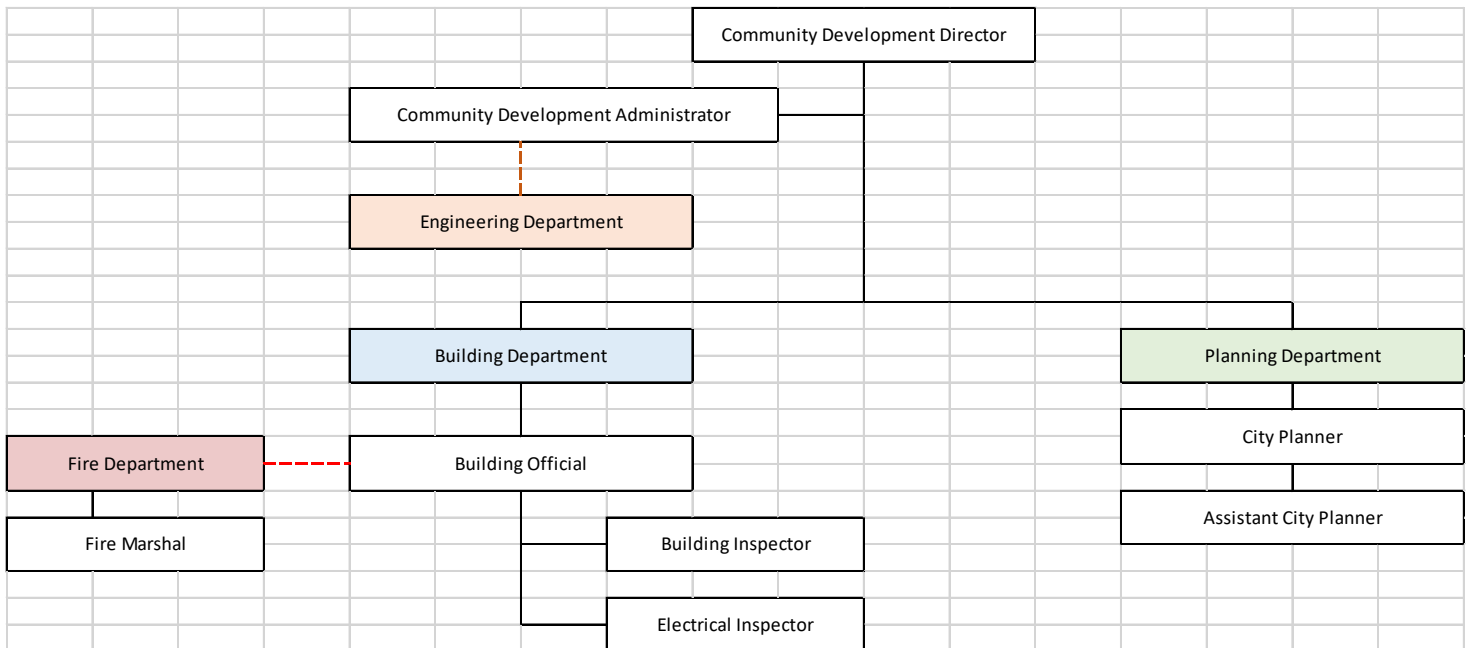
Sungman Kim, Director or Lynn Spruill, Mayor

SUGGESTED MOTION

Move approval to hire Stein McMullen as a Building Official in the Community Development Department with dual responsibilities as a Fire Marshal in the Fire Department.



Org Chart:





CITY OF STARKVILLE JOB DESCRIPTION

Title: Building Official/Fire Marshal
Reports to: Director
Date Prepared: September 15, 2019

Department: Community Development
Classification: Exempt, Salary Grade 16
Approved by Board: _____

GENERAL POSITION SUMMARY:

The Building Official work involves participating in the review of a variety of building plans for new construction, alterations, renovation and repair work to determine if plans, workmanship, and materials conform to relevant building codes. Reviews plans and specifications for compliance with established codes. Maintains building plan files.

ESSENTIAL JOB FUNCTIONS:

- Plans, organizes and directs the activities of building and fire inspectors engaged in the enforcement of codes regulating the construction or alteration of buildings, the condition and occupancy of housing; fire prevention inspections and arson investigations.
- Review detailed plans and specifications for building construction, alteration, demolition, or moving compliance with building, electrical, plumbing, gas, and mechanical inspections.
- Supervise, train, direct, and evaluate direct reports; address employee concerns and problems.
- Manage, oversee and participate in the development of work plans; assignment of work activities, and monitor the work flow of building inspectors.
- Make recommendations of code interpretation and requirements; assist building inspectors in properly interpreting plans and specifications.
- Coordinates with Fire Department and the Community Development Department to assist in the timely review and the issuance of permits.
- Manage the permitting process for all building construction; ensures functions are handled in a timely manner; develops and oversees customer service guidelines for the permitting process.
- Review blueprints, architectural drawings, engineering drawings, plan revisions, specifications, and related construction documents.
- Assist with field inspections; review inspections and decisions when unusual circumstances exist including determining if projects are in compliance with laws, regulations and ordinances.
- Maintain building plan files and review routing records; initiates and coordinates the routing of plans for review by various departments.
- Make recommendations on updating various building construction codes and ordinances.
- Prepare periodic records and reports. Update policies and procedures; perform research and maintain building permit records and generate building activity reports.
- Confer with architects, engineers, contractors, owners, and other project proponents in regard to policies, design and materials in building plans to provide assistance with building code and plan submittal information.
- Manage complex, highly visible, sensitive and/or controversial projects. Review and approve building plan submittals; Oversees final inspection for construction projects for issuance of Certificates of Occupancy and Certificates of Completion.
- Review and enforce requirements for fire flow and proper placement of fire hydrants. Conduct fire investigation and inspection.
- Serve as Americans with Disabilities Act (ADA) Coordinator to ensure all structural and building conditions remain compliant.
- Perform other duties as assigned or directed.



KNOWLEDGE, SKILLS AND ABILITIES:

- Considerable knowledge of all major types of building construction, materials, equipment, and practices.
- Considerable knowledge of municipal, building, and related codes and ordinances.
- Knowledge of modern developments, current literature, and sources of information in the field of municipal building inspection.
- Knowledge of construction plans and specifications.
- Knowledge of office procedures, methods, and equipment including computers and applicable software applications.
- Knowledge of Applicable laws, regulations, codes, department policies, governing assigned technical engineering duties.
- Skills in handling multiple tasks or projects simultaneously, work with numerous interruptions, and adjust to changing priorities
- Computer and software skills to include permitting software, Microsoft Office Suite and the ability to interpret computerized data.
- Ability to understand and interpret building construction plans, diagrams, blueprints, and specifications and relate them to construction processes.
- Ability to detect and locate defects in building plans and building construction work underway, and to ascertain the stages at which these can be most easily and safely remedied.
- Ability to analyze and compile technical and statistical information and prepare reports.
- Ability to interpret and apply state and local policies, procedures, laws, codes, and regulations.
- Ability to understand and interpret conceptual plans and project planning documents.
- Ability to communicate clearly and concisely, both orally and in writing.
- Ability to Establish and maintain effective working relationships with other employees, engineers, architects, and the general public.

EDUCATION AND/OR EXPERIENCE REQUIRED:

- Associate's degree or a minimum of two years college training in a Construction Management, Engineering, or similar related field. A combination of equivalent education and experience likely to provide the required knowledge, skills and abilities may be considered.
- Certified Building Official (CBO) or Fire Marshal certification from the International Code Council (ICC) or the ability to obtain such certification within three (3) years.
- A minimum of 5 years of progressively responsible building related experience, including two years of experience in a supervisory capacity.
- Must possess a valid Mississippi Driver's License and acceptable MVR.

PREFERRED QUALIFICATIONS AND EXPERIENCE:

- Bachelor's Degree in Engineering, Construction Management, Construction Technology or similar related field.
- Master Code Professional (MCP) certification from the International Code Council (ICC); Certified Floodplain Manager (CFM); Fire Inspector certification from ICC and NFPA (National Fire Protection Association).

WORKING ENVIRONMENT AND PHYSICAL DEMANDS:

The job is performed both indoors and outdoors in all types of weather conditions. Work exposes the employee to hazards of construction sites including dangers of moving heavy equipment, inclement weather conditions, and high noise levels. Work requires regular physical activities such as walking, climbing, crawling, standing,



stooping, bending, and operation of a motor vehicle. May be required to lift objects weighing up to 50 pounds without assistance.

The duties listed above are intended as illustrations of the types of work that may be performed. The omission of specific job duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.
The job description does not constitute an employment contract and is subject to change as the needs of the City and requirements of the job change.
Regular and consistent attendance is a condition of continuing employment.

The City of Starkville, is an EQUAL EMPLOYMENT OPPORTUNITY/AFFIRMATIVE ACTION employer. Candidates are considered for employment with the City, without regard to their race, color, religion, national origin, age, sex, gender, pregnancy, disability, sexual orientation, gender identity, genetic information, military status, protected veteran status or other classification protected by applicable federal, state or local law.

A drug screen is required for this position.



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT: Parks and Recreation
AGENDA DATE: September 15, 2020

Page: 1

SUBJECT:

Recommendation from RFP Committee for Sports Field Lighting and Sports Camera Broadcasting system for fields 1 – 10, and the T-Ball Area. After review by the RFP committee (attached), the recommendation is to award the project to Southern Electric Corporation of Mississippi. This project would include the base bid (LED Lighting for 10 fields and T-Ball) and Alternate #2 (Camera system for 10 fields and T-Ball). The budget for this phase of the project was \$1,800,000 and the recommended contract is for \$1,809,397.14.

AMOUNT & SOURCE OF FUNDING:

Series 2020 Bond

FISCAL NOTE:

Cornerstone Project

AUTHORIZATION HISTORY:

Cornerstone Project

REQUESTING DEPARTMENT:

Starkville Parks and Recreation

DIRECTOR'S AUTHORIZATION:

Brand Doherty, Director Parks and Recreation

FOR MORE INFORMATION CONTACT:

Brandon Doherty, Director Parks and Recreation

SUGGESTED MOTION

Move approval to authorize Southern Electric Corporation of Mississippi the contract for purchase and installation of the LED lighting and camera system for the Cornerstone Sports Complex fields 1-10 and the T-Ball area in the amount of \$1,809,397.14.

CONTRACT FORMS

CORNERSTONE SPORTS PARK FIELD INSTALLATION

CITY OF STARKVILLE

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CONTRACT

CORNERSTONE SPORTS PARK CITY OF STARKVILLE

This Contract, made this the 15th day of September, 2020, by and between City of Starkville, Mississippi, hereinafter called "Owner" and Southern Electric Corporation of Mississippi, doing business as an Electrical Contractor, located in Flowood, MS, hereinafter called the "Contractor".

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned:

1. The Contractor shall commence and complete the Cornerstone Sports Park Athletic Field Lighting and Sports Broadcasting Camera system for Fields 1 – 10 and the T-Ball area in accordance with the Contract Documents and the Contract Drawings.
2. The Contractor shall complete the work required by the Contract Documents within 300 calendar days, unless the period for completion is extended otherwise by the Contract Documents. The Contractor agrees to pay, as liquidated damages, the sum of Five Hundred Dollars (\$ 500.00) for each calendar day that he/she shall be in default in attaining Completion of Work within the time stipulated.

Special Damages- In addition to the amounts provided for liquidated damages, expenses and other losses, Contractor, in the event of such default, shall pay to the Owner the actual costs, expenses and other losses reasonably incurred by Owner.

3. The term "CONTRACT DOCUMENTS" means and includes Instructions to Bidders, Bidder's Proposal, Bid Bond, Contract, Payment Bond, Performance Bond, General Conditions, Supplementary Conditions, Technical Specifications, Notice of Award, Notice to Proceed, Addenda (if any), and all subsequent Change Orders, Supplemental Agreements and/or other modifications to the Contract.
4. The Contractor agrees to furnish all equipment and labor in place and to faithfully complete all necessary work required by the CITY OF STARKVILLE, in good and workmanlike manner, strictly in accordance with said Contract Documents and other requirements of the Owner, under the direct observation of and to the complete satisfaction of the Owner, or his authorized representatives, and in accordance with the Laws of the State of Mississippi, for which the Owner hereby agrees to pay and the Contractor agrees to accept the unit pricing shown in the proposal complete in place, recorded by the Owner or his representative therefore as stated in the Proposal, attached hereto and made a part hereof, plus the amount of any supplemental agreements and force accounts for extra work authorized and performed, as needed by the Owner for full compensation for furnishing all equipment and labor, the doing of all work contemplated under the Contract, as well as all loss or damage, if any, arising out of the nature of the work, or the action of the weather, and any and all other unforeseen obstructions or difficulties that may be encountered in the prosecution of the same, the Contractor assuming all risks of every kind and description in the performance of this Contract.

-
5. The Contractor shall protect, indemnify and save harmless the Owner from and against any and all damages, loss, claims, judgments or expenses, including but not limited to reasonable attorney's fees, which the Owner may suffer or be subjected to by the performance of the work; including but without limitation injury to or death of any person whomever and destruction or damage to any property whatsoever.
 6. Attached hereto and made a part of this Contract is a Performance Bond, executed by a Surety Company doing business in the State of Mississippi, in the sum of One Million eight hundred nine thousand three hundred ninety- seven and 14/100 dollars (\$ 1,809,397.14).
 7. Attached hereto and made a part of this Contract is a Payment Bond executed by a Surety Company doing business in the State of Mississippi, in the sum of One Million eight hundred nine thousand three hundred ninety- seven and 14/100 dollars (\$ 1,809,397.14).
 8. The Contractor agrees to allow the Owner, or any of their duly authorized representatives, access to any books, documents, papers and records of the Contractor which are directly pertinent to the project which is the subject of this Contract, for the purpose of making audits, examinations, excerpts and transcriptions, and Contractor agrees to insert an identical clause in any and all subcontracts.
 9. The Owner shall pay to the Contractor in the manner and at such times and amounts as set forth in the Contract Documents.
 10. This Contract shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.
 11. If, through any cause, the Contractor shall fail to fulfill in a timely and proper manner his obligations under this Contract, or if the Contractor shall violate any of the covenants, agreements, or stipulations of this contract, the Owner shall thereupon have the right to terminate this Contract by giving written notice to the Contractor of such termination and specifying the effective date thereof, at least five days before the effective date of such termination. Notwithstanding the above, the Contractor shall not be relieved of liability to the Owner for damages sustained by the Owner by virtue of any breach of the Contract by the Contractor and the Owner may withhold any payments to the Contractor until such time as the exact amount of damages due the Owner from the contractor is determined.

IN WITNESS THEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Contract in five (5) counterparts, each of which shall be deemed an original on the date first above written.

CITY OF STARKVILLE, MISSISSIPPI

BY: _____

ATTEST: _____

(Seal)

Contractor _____

BY: _____

ATTEST: _____

(Seal)

CORPORATE CERTIFICATE

I, _____ certify that I am the Secretary of the Corporation named as Contractor in the foregoing Contract; that _____, who signed said Contract on behalf of the Contractor was then _____ of said Corporation; that said Contract was duly signed for and in behalf of said Corporation by authority of its governing body and is within the scope of its corporate powers.

Secretary

Corporate Seal

GENERAL INSTRUCTIONS FOR BONDS

1. The surety on each Bond must be a responsible surety company, which is qualified to do business in Mississippi and satisfactory to the Owner.
2. The full name and address of each individual party to the bond shall be inserted in the body thereof, and each such party shall sign the Bond with his usual signature on the line opposite the seal and if signed in Maine, Massachusetts, or New Hampshire an adhesive seal shall be affixed opposite the signature. The bond must be either signed or countersigned by a Mississippi Resident Agent of the Surety Company.
3. If the principals are partners, their individual names shall appear in the body of the Bond with the recital that they are partners, composing a firm, naming it; and all the members of the firm shall execute the bond as individuals.
4. The signature of a witness shall appear in the appropriate place, attesting to the signature of each individual party to the Bond.
5. If the principal of surety is a corporation, the name of the State in which incorporated shall be inserted in the appropriate place in the body of the Bond, and said instrument shall be executed and attested under the corporate seal as indicated in the form. If the corporation has no corporate seal the fact shall be stated, in which case, a scroll or adhesive seal shall appear following the corporate name.
6. The official character and authority of the person or persons executing the Bond for the principal, if a corporation, shall be certified by the secretary or assistant secretary, according to the form attached hereto. In lieu of such certificate there may be attached to the Bond copies of so much of the records of the corporation as shall show the official character and authority of the officer signing, duly certified by the secretary or assistant secretary, under the corporate seal, to be true copies.
7. The date of this Bond must not be prior to the date of the Contract in connection with which it is given.
8. Surety Companies executing Bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the State where the project is located.

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: that _____

(Name of Contractor)

(Address of Contractor)

a _____ hereinafter called Principal, and
(Corporation, Partnership, or Individual)

(Name of Surety)

(Address of Surety)

hereinafter called Surety, are held and firmly bound unto

CITY OF STARKVILLE, MISSISSIPPI

(Name of Owner)

110 WEST MAIN STREET, STARKVILLE, MS 39759

(Address of Owner)

hereinafter called OWNER, in the penal sum of _____,
(\$ _____) lawful money of the United States, for the payment of which sum well and
truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these
presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain
contract with the OWNER, dated ____ day of _____, 2020 a copy of which is hereto attached and
made a part hereof for:

CORNERSTONE SPORTS PARK

CITY OF STARKVILLE

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties all the
undertakings, covenants, terms, conditions, and agreements of said contract during the original term
thereof, and any extensions thereof which may be granted by the OWNER, with or without notice to the
Surety and during the one year guaranty period, and if he shall satisfy all claims and demands incurred
under such contract, and shall fully indemnify and save harmless the OWNER from all costs and damages
which it may suffer by reason of failure to do so, and shall reimburse and repay the OWNER all outlay
and expense which the OWNER may incur in making good any default, then this obligation shall be void;
otherwise to remain in full force and effect.

NOW THEREFORE, if the Principal shall promptly make payment of all taxes, licenses, assignments,
contributions, damages, penalties, and interest thereon, when and as the same any lawfully be due the
State of Mississippi, or any county, municipality, board, department, commission, or political subdivision
thereof, by reason of and directly connected with the performance of said Contract or any part thereof as
provided by Sections 27-65-1, 27-65-21, 27-67-301 and 31-5-3, supra, or any other applicable statute or

other authority, then this obligation shall be null and void; otherwise, it shall remain in full force and effect.

PROVIDED, FURTHER, that the said Surety for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the WORK to be performed thereunder or the SPECIFICATIONS accompanying the same shall in any wise affect its obligation on the BOND, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the WORK or to the SPECIFICATIONS.

PROVIDED, FURTHER, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied

IN WITNESS WHEREOF, this statement is executed in 5 counterparts, each one of which shall be deemed an original, this the ____ day of _____, 2020.

ATTEST:

_____ Principal Secretary	_____ Principal
(SEAL)	BY _____
	_____ (Address)
_____ Witness as to Principal	
_____ (Address)	
	_____ Surety
ATTEST:	BY _____
	_____ Attorney-in-Fact
_____ Witness as to Surety	_____ (Address)
_____ (Address)	

NOTE: Date of BOND must not be prior to date of CONTRACT
 If CONTRACTOR is Partnership, all partners should execute BOND

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's
 most current list (Circular 570 as amended) and be authorized to transact
 business in the State where the PROJECT is located.

PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS: that _____

(Name of Contractor)

(Address of Contractor)

a _____ hereinafter called Principal, and
(Corporation, Partnership, or Individual)

(Name of Surety)

(Address of Surety)

hereinafter called Surety, are held and firmly bound unto

CITY OF STARKVILLE, MISSISSIPPI

(Name of Owner)

110 WEST MAIN STREET, STARKVILLE, MS 39759

(Address of Owner)

hereinafter called OWNER in the penal sum of _____,
(\$_____) lawful money of the United States, for the payment of which sum well and truly
to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the Principal entered into a certain
contract with the OWNER, dated ____ day of _____, 2020, a copy of which is hereto attached
and made a part hereof for:

CORNERSTONE SPORTS PARK

CITY OF STARKVILLE

NOW, THEREFORE, if the Principal shall promptly make payment to all persons, firms,
SUBCONTRACTORS, and corporations furnishing materials for or performing labor in the prosecution
of the WORK provided for in such contract, and any authorized extension or modification thereof,
including all amounts due for materials, lubricants, oil, gasoline, coal and coke, repairs on machinery,
equipment and tools, consumed or used in connection with the construction of such WORK, and all
insurance premiums on said WORK, and for all labor, performed in such WORK whether by
SUBCONTRACTOR or otherwise, then this obligation shall be void; otherwise to remain in full force
and effect.

PROVIDED, FURTHER, that the said Surety for value received hereby stipulates and agrees that no
change, extension of time, alteration or addition to the terms of the contract or to the WORK to be
performed thereunder or the SPECIFICATIONS accompanying the same shall in any wise affect its
obligation on this BOND, and it does hereby waive notice of any such change, extension of time,
alteration or addition to the terms of the contract of to the WORK of to the SPECIFICATIONS.

PROVIDED, FURTHER, that no final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in 5 counterparts, each one of which shall be deemed an original, this the ____ day of _____, 2020.

ATTEST:

_____ Principal Secretary	_____ Principal
(SEAL)	BY _____
	_____ (Address)
_____ Witness as to Principal	
_____ (Address)	
	_____ Surety
ATTEST:	BY _____
	_____ Attorney-in-Fact
_____ Witness as to Surety	_____ (Address)
_____ (Address)	

NOTE: Date of BOND must not be prior to date of CONTRACT
 If CONTRACTOR is Partnership, all partners should execute BOND

IMPORTANT: Surety companies executing BONDS must appear on the Treasury Department's
 most current list (Circular 570 as amended) and be authorized to transact
 business in the State where the PROJECT is located.

I, _____, Attorney for CITY OF STARKVILLE, MISSISSIPPI, do hereby certify that I have examined this agreement , the bonds and evidence of insurance offered by the Contractor and find them to be properly executed, adequate and sufficient.

(Date)

(INTENTIONALLY LEFT BLANK)

NOTICE OF AWARD

September 15, 2020

Southern Electric Corporation of MS
Mr. Chris Juarez
4374 – A Mangum Drive
PO Box 320398
Flowood, MS 39232

RE: Cornerstone Sports Complex Lighting & Camera Project

Dear Chris Juarez:

The City of Starkville has considered the Proposal submitted by you for the above referenced Work in response to its Advertisement for Bids and Instructions to Bidders.

You are hereby notified that your Proposal in the amount One Million Eight-Hundred nine thousand three-hundred ninety-seven Dollars and 14 Cents (\$1,809,397.14).

You are required by the Instruction to Bidders to execute the Contract and furnish to the Owner the required Contractor's Performance Bond, Payment Bond and Certificates of Insurance within ten calendar days from date of delivery of this Notice to you. We have enclosed one copy of the necessary contract forms and bond forms. Please return five original signed sets of these documents to the office of Lesa Hardin, Starkville City Hall, 110 West Main Street, Starkville, MS 39759.

If you fail to execute said Contract and to furnish said Bonds within ten days from the date of delivery of this Notice, the Owner shall be entitled to consider all rights arising out of the Owner's acceptance of your proposal as abandoned and as a forfeiture of your Bid Bond. The Owner shall be entitled to such other rights as may be granted by Law.

You are requested to return an acknowledged copy of this Notice of Award directly to Lesa Hardin, Starkville City Hall, 110 West Main Street, Starkville, MS 39759. One complete executed copy of the Contract shall be returned for your use.

Sincerely,

Lynn Spruill
Mayor City of Starkville

ACCEPTANCE OF NOTICE

Receipt of the above Notice of Award is hereby acknowledged by _____ this the
day of

_____, 2020.

BY: _____

TITLE: _____

GENERAL CONDITIONS

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ARTICLE 1 - DEFINITIONS

- 1.1 Wherever used in these General Conditions or in the other Contract Documents, the following terms have the meanings indicated which are applicable to both the singular and plural thereof.

Defined Terms:

1. Addenda: Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change, the Bidding Documents or the Contract Documents.
2. Agreement: The written agreement between OWNER and CONTRACTOR covering the Work to be performed; other Contract Documents are attached to the Agreement and made a part thereof as provided therein.
3. Application for Payment: The form accepted by DESIGN TEAM which is to be used by CONTRACTOR in requesting progress or final payment and which is to include such supporting documentation as is required by the Contract Documents.
4. Bid: The offer or proposal of the Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.
5. Bidder: Any person, firm or corporation submitting a Bid for the Work.
6. Bidding Documents: Notice to bidders or advertisement, if any, instructions to bidders, other bidding information and requirements, bidding forms and attachments, contract and bond forms, and the proposed Contract Documents, including any Addenda issued prior to receipt of Bids.
7. Bonds: Bid, performance, and labor and material payment bonds and other instruments of security.
8. Change Order: A written order to CONTRACTOR signed by OWNER authorizing an addition, deletion or revision in the Work, or an adjustment in the Contract Price or the Contract Time issued after the Effective Date of the Agreement.
9. Contract Documents: The Agreement, Addenda, CONTRACTOR'S Bid (including documentation accompanying the Bid and any post-Bid documentation submitted prior to the Notice of Award when attached as an exhibit to the Agreement), the Bonds, these General Conditions, the Supplementary Conditions, the Special Conditions, the Instructions to Bidders, the Technical Specifications, the Drawings as the same may be more specifically identified in the Agreement, together with all Modifications issued after execution of the Agreement.
10. Contract Price: The moneys payable by OWNER to CONTRACTOR under the Contract Documents as stated in the Agreement.

-
11. Contract Time: The number of days (computed as provided in Paragraph 17.2) or the date stated in the Agreement for the completion of the Work.
 12. CONTRACTOR: The person, firm or corporation with whom OWNER has executed the Agreement. Whenever the Project is to be constructed under multiple direct contracts, the term "CONTRACTOR" shall mean the appropriate prime CONTRACTOR. Whenever a specific prime CONTRACTOR is referred to, terms such as "General CONTRACTOR", "Electrical CONTRACTOR", etc. will be used.
 13. Day: A calendar day of twenty-four hours measured from midnight to the next midnight.
 14. Defective: An adjective which when modifying the word Work refers to Work that is unsatisfactory, faulty or deficient, or does not conform to the Contract Documents or does not meet the requirements of any inspection, reference standard, test or approval referred to in the Contract Documents, or has been damaged prior to DESIGN TEAM recommendation for final payment (unless responsibility for the protection thereof has been assumed by OWNER at Substantial Completion in accordance with Paragraph 14.5).
 15. Drawings: The Drawings which show the character and scope of the Work to be performed and which have been prepared or approved by DESIGN TEAM and are referred to in the Contract Documents.
 16. Effective Date of the Agreement: The date indicated in the Agreement on which it becomes effective, but if no such date is indicated, it means the date on which the Agreement is signed and delivered by the last of the two parties to sign and deliver.
 17. DESIGN TEAM: The person, firm or corporation named as such in the Agreement.
 18. Field Order: A written order issued by DESIGN TEAM which orders minor changes in the Work in accordance with Paragraph 10.2 but which does not involve a change in the Contract Price or the Contract Time.
 19. General Requirements: Sections of the Technical Specifications.
 20. Modifications: (a) A written amendment of the Contract Documents signed by both parties, (b) a Change Order, or (c) a Field Order. A modification may only be issued after the Effective Date of the Agreement.
 21. Notice of Award: The written notice by OWNER to the apparent successful Bidder stating that upon compliance by the apparent successful Bidder with the conditions precedent enumerated therein, within the time specified, OWNER will sign and deliver the Agreement.
 22. Notice to Proceed: A written notice given by OWNER to CONTRACTOR fixing the date on which the Contract Time will commence to run and on which CONTRACTOR shall start to perform his obligations under the Contract Documents.

-
23. OWNER: The public body or authority, corporation, association, partnership, or individual with whom CONTRACTOR has entered into the Agreement and for whom the Work is to be provided.
 24. Project: The total construction of which the Work to be provided under the Contract Documents may be the whole or a part as indicated elsewhere in the Contract Documents.
 25. Project manual: The bond documentary information prepared for bidding and constructing the Project. A listing of the contents of the Project Manual, which may be bound in one or more volumes, is contained in the tables of contents.
 26. Resident Project Representative: The authorized representative of DESIGN TEAM whom is assigned to the site or any part thereof.
 27. Samples: Physical examples furnished by the CONTRACTOR to illustrate materials, equipment or ownership, and to establish standards by which some portions of the Work will be judged.
 28. Shop Drawings: All drawings, diagrams, illustrations, schedules and other data which are specifically prepared by or for CONTRACTOR to illustrate some portion of the Work and all illustrations, brochures, standard schedules, performance charts, instructions, diagrams and other information prepared by a manufacturer, fabricator, supplier or distributor and submitted by CONTRACTOR to illustrate material or equipment for some portion of the Work.
 29. Specifications: Those portions of the Contract Documents consisting of written technical descriptions of materials, equipment, construction systems, standards and workmanship as applied to the Work and certain administrative details applicable thereto.
 30. Subcontractor: An individual, firm or corporation having a direct contract with CONTRACTOR or with any other Subcontractor for the performance of a part of the Work at the site.
 31. Substantial Completion: The Work for a specified part thereof has progressed to the point where, in the opinion of DESIGN TEAM as evidenced by DESIGN TEAM definitive certificate of Substantial Completion, it is sufficiently complete, in accordance with the Contract Documents, so that the Work for a specified part can be utilized for the purposes for which it was intended: or if there be no such certificate issued, when final payment is due in accordance with Paragraph 14.9.A. The terms "substantially complete" and "substantially completed" as applied to any Work refer to substantial completion thereof.
 32. Supplementary Conditions: Modifications and additions to the General Conditions.

-
33. Work: The entire completed construction or the various separately identifiable parts thereof required to be furnished under the Contract Documents. Work is the result of performing services, furnishing labor and furnishing and incorporating materials and equipment into the construction, all as required by the Contract Documents.
 34. Work Order: A written order issued by the DESIGN TEAM which authorizes the Contractor to perform certain work in accordance with the Contract Documents.
 35. Order of Precedence: The plans, standard specifications, general conditions, supplemental conditions, technical specifications and all supplemental plans and documents are essential parts of the contract, and a requirement occurring in one is just as binding as though occurring in all. They are intended to be complementary and to describe and provide for the complete work. In case of discrepancy, computed dimensions, unless obviously incorrect, shall govern over scaled dimensions. Plans shall govern over standard specifications. Supplemental conditions shall govern over general conditions.

The Contractor shall not take advantage of any apparent error or omission in the plans or specifications. In the event the Contractor discovers any apparent error or discrepancy, he shall immediately notify the DESIGN TEAM in writing requesting his interpretation and the DESIGN TEAM will make such corrections and decisions in writing as may be deemed necessary to carry out the intent of the plans.

ARTICLE 2 - PRELIMINARY MATTERS

2.1 Delivery of Bonds and Insurance Certificates:

- A. When CONTRACTOR receives execute Notice of Award from OWNER, CONTRACTOR shall deliver to OWNER such Bonds and Certificate of Insurance as CONTRACTOR may be required to furnish in accordance with Article 5.

2.2 Copies of Documents: OWNER shall furnish to CONTRACTOR up to Three (3) copies (unless otherwise provided in the General Requirements) of the Contract Documents as are reasonably necessary for the execution of the Work. Additional copies will be furnished, upon request, at the cost of reproduction.

2.3 Commencement of Contract Times Notice to Proceed: The Contract Time will commence to run on the Thirtieth day after the Effective Date of the Agreements or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceeds but in no event shall the Contract Time commence to run later than the ninetieth day after the day of Bid opening or the thirtieth day after the Effective Date of the Agreement. A Notice to Proceed may be given at any time within thirty days after the Effective Date of the Agreement.

2.4 Starting the Project: CONTRACTOR shall start to perform the Work on the date when the Contract Time commences to run, but no Work shall be done at the site prior to the date on which the Contract Time commences to run.

2.5 Before Starting Construction:

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- A. Before undertaking each part of the Work, CONTRACTOR shall carefully study and compare the Contract Documents and check and verify pertinent figures shown thereon and all applicable field measurements. CONTRACTOR shall promptly report in writing to DESIGN TEAM any conflict, error or discrepancy which he may discover and shall obtain a written interpretation or clarification from DESIGN TEAM before proceeding with any Work affected thereby however, CONTRACTOR shall not be liable to OWNER or DESIGN TEAM for the failure to report any conflict, error or discrepancy in the Contract Documents, unless CONTRACTOR had actual knowledge thereof or should reasonably have known thereof.
 - B. Within five (5) days after the Effective Date of the Agreement (unless otherwise specified in the General Requirements) CONTRACTOR shall submit to DESIGN TEAM for review and acceptance, an estimated progress schedule indicating the starting and completion dates of the various stages of the Work, a preliminary schedule of Shop Drawing submissions, and a preliminary schedule of values of the Work.

ARTICLE 3 - CONTRACT DOCUMENTS: INTENT AND REUSE

3.1 Intent:

- A. The Contract Documents comprise the entire Agreement between OWNER and CONTRACTOR concerning the Work. They may be altered only by a modification.
- B. The Contract Documents are complementary meaning that what is called for by one is as binding as if called for by all. If during the performance of the Work, CONTRACTOR finds a conflict, error or discrepancy in the Contract Documents, he shall report it to DESIGN TEAM in writing at once and before proceeding with the Work affected thereby; however, CONTRACTOR shall not be liable to OWNER or DESIGN TEAM for failure to report any conflict, error or discrepancy in the Specifications or Drawings unless CONTRACTOR had actual knowledge thereof or should reasonably have known thereof.
- C. It is the intent of the Specifications and Drawings to describe a complete Project or part thereof to be constructed in accordance with the Contract Documents. Any Work that may reasonably be inferred from the Specifications or Drawings as being required to produce the intended result shall be supplied whether or not it is specifically called for at no additional cost to OWNER.
- D. The Specifications may describe or the Drawings may show the general arrangement of an item of material or equipment when the actual details of said arrangement will vary with the source of the material or equipment. In such cases, CONTRACTOR shall bear all direct and indirect costs to accommodate the item of material or equipment furnished, whether the item of material or equipment is furnished by a manufacturer named in the Specifications or is furnished as an approved substitute or for equals item of material or equipment.
- E. When words in the Specifications or on the Drawings, which have a well known technical or trade meaning, are used to describe Work, materials or equipment, such words shall be interpreted in accordance with such meaning. Reference to standard specifications, manuals or

codes of any technical society, organization or association, or to the code of any governmental authority, whether such reference be specific or by implication, shall mean the latest standard specification, manual or code in effect at the time of opening of Bids (or on the effective date of the Agreement if there were no Bids), except as may be otherwise specifically stated. However, no provision of any referenced standard specification, manual or code (whether or not specifically incorporated by reference in the Contract Documents) shall change the duties and responsibilities of OWNER, CONTRACTOR or DESIGN TEAM, or any of their agents or employees from those set forth in the Contract Documents. Clarifications and interpretations of the Contract Documents shall be issued by DESIGN TEAM as provided for in Paragraph 9.3.

F. The Contract Documents will be governed by the law of the place of the Project.

- 3.2 Re-use of Documents: Neither CONTRACTOR nor any Subcontractor, manufacturer, fabricator, supplier or distributor shall have or acquire any title to or ownership rights in any of the Drawings, Specifications or other documents for copies of any thereof prepared by or bearing the seal of DESIGN TEAM and they shall not reuse any of them on extensions of the Prospect or any other project without written consent of OWNER and DESIGN TEAM and specific written verification or adaptation by DESIGN TEAM.

ARTICLE 4 - AVAILABILITY OF LANDS, PHYSICAL CONDITIONS, AND REFERENCE POINTS

- 4.1 Availability of Lands: OWNER shall furnish, as indicated in the Contract Documents the lands upon which the Work is to be performed, rights-of-way for access thereto, and such other lands which are designated for the use of CONTRACTOR. Easements for permanent structures or permanent changes in existing facilities will be obtained and paid for by OWNER, unless otherwise provided in the Contract Documents. If CONTRACTOR believes that any delay in OWNER'S furnishing these lands or easements entitles CONTRACTOR to an extension of the Contract Time, CONTRACTOR may make a claim therefor as provided in Article 12. CONTRACTOR shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.
- 4.2 Physical Conditions-Investigations and Reports: Reference is made to the Supplementary Conditions for identification of those reports of investigations and tests of subsurface and latent physical conditions at the site or those reports that otherwise may affect cost, progress or performance of the Work which have been utilized by DESIGN TEAM in preparation of the Drawings and Specifications. These reports are not intended to constitute any explicit or implicit representation as to the nature of the subsurface and latent physical conditions which may be encountered at the site or to constitute explicit or implicit representations as to any other matter contained in any report. Such reports are not guaranteed as to accuracy or completeness and are not part of the contract Documents.
- 4.3 Unforeseen Physical Conditions: CONTRACTOR shall promptly notify OWNER and DESIGN TEAM in writing of any subsurface or latent physical conditions at the site or in an existing structure differing materially from those indicated or referred to in the Contract Documents. DESIGN TEAM will promptly review those conditions and advise OWNER in writing if further investigations or tests are necessary. Promptly thereafter, OWNER shall obtain the necessary additional investigations and tests and furnish copies to DESIGN TEAM and CONTRACTOR. If DESIGN TEAM finds that the results of such investigations or tests indicate that there are subsurface or latent physical conditions

which differ materially from those intended in the Contract Documents, and which could not reasonably have been anticipated by CONTRACTOR, a Change Order shall be issued incorporating the necessary revisions.

- 4.4 Reference Points: OWNER shall provide DESIGN TEAM surveys for construction to establish reference points which in OWNER'S judgment are necessary to enable CONTRACTOR to proceed with the work. CONTRACTOR shall be responsible for laying out the Work (unless otherwise specified in the General Requirements), and shall protect and preserve the established reference points and shall make no changes or relocations without the prior written approval of OWNER. CONTRACTOR shall report to DESIGN TEAM whenever any reference point is lost or destroyed or requires relocation because of necessary changes in grades or locations and shall be responsible for replacement or relocation of such reference points by professionally qualified personnel.

ARTICLE 5 - BONDS AND INSURANCE

5.1 Performance, Payment and Other Bonds:

- A. CONTRACTOR shall furnish performance and payment Bonds, each in an amount at least equal to the Contract Price, as security for the faithful performance and payment of all CONTRACTOR'S obligations under the Contract Documents. These Bonds shall remain in effect at least until one year after the date of final payment, except as otherwise provided by law. CONTRACTOR shall also furnish such other Bonds as are required by the Supplementary Conditions. All Bonds shall be in the forms prescribed by the Bidding Documents or Supplementary Conditions and be executed by such sureties as:
1. Are licensed to conduct business in the state where the Project is located, and
 2. Are named in the current list of Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Audit Staff Bureau of Accounts, U.S. Treasury Department. All Bonds signed by an agent must be accompanied by a certified copy of the authority to act.
- B. If the surety of any Bond furnished by CONTRACTOR is declared a bankrupt or becomes insolvent or its right to do business is terminating any state where any part of the Project is located or it ceases to meet the requirements of Paragraph 5.1.A, CONTRACTOR shall within five days thereafter substitute another Bond and surety, both of which shall be acceptable to OWNER.

5.2 Contractor's Liability Insurance:

- A. CONTRACTOR shall purchase and maintain such comprehensive general liability and other insurance as will provide protection from claims set forth below which may arise out of or result from CONTRACTOR'S performance of the Work and CONTRACTOR'S other obligations under the Contract Documents, whether such performance of the Work is by CONTRACTOR, by any Subcontractor, by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable:
1. Claims under workers' or workmen's compensation, disability benefits and other similar employee benefit acts:

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2. Claims for damages because of bodily injury, occupational sickness or disease, or death of CONTRACTOR'S employees:
 3. Claims for damages because of bodily injury, sickness or disease, or death of any person other than CONTRACTOR'S employees:
 4. Claims for damages insured by personal injury liability coverage which are sustained (a) by any person as a result of an offense directly or indirectly related to the employment of such person by CONTRACTOR, or (b) by any other person for any other reason.
 5. Claims for damages, other than to the Work itself, because of injury to or destruction of tangible property, including loss of use resulting therefor.
 6. Claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance or use of any motor vehicle.
 7. Claims for damages because of bodily injury or death of any person arising out of operation of law.
- B. The insurance required by Paragraph 5.2.A shall include the specific coverages and be written for not less than the limits of liability and coverages provided in the Supplementary Conditions, or required by law, whichever is greater. All such insurance shall remain in effect until final payment and at all times thereafter when CONTRACTOR may be correcting, removing or replacing defective Work in accordance with Paragraph 13.9. The comprehensive general liability insurance shall include completed operations insurance and shall include OWNER and DESIGN TEAM and their agents and employees as additional insureds. CONTRACTOR shall maintain such completed operations insurance for at least two years after final payment and shall furnish OWNER with evidence of continuation of such insurance at final payment and one year thereafter.
- 5.3 Contractual Liability Insurance: The comprehensive general liability insurance required by Paragraph 5.2.A shall include contractual liability insurance applicable to CONTRACTOR'S obligations under Paragraph 6.15.
- 5.4 Owner's Liability Insurance: OWNER shall be responsible for purchasing and maintaining OWNER'S own liability insurance and, at OWNER'S option, may purchase and maintain such insurance as will protect OWNER against claims which may arise from operations under the Contract Documents.
- 5.5 Property Insurance:
- A. Unless otherwise provided in the Supplementary Conditions, CONTRACTOR shall purchase and maintain property insurance upon the Work at the site to the full insurable value thereof (subject to such deductible amounts as may be provided in the Supplementary Conditions or as required by law). This insurance shall include the interests of the DESIGN TEAM, CONTRACTOR, and Subcontractors in the Work, shall insure against the perils of fire and extended coverage shall include tail risks insurance for physical loss and damage including theft, vandalism and malicious mischief, collapse and water damage, and such other perils as may be specified in the Supplementary Conditions shall include damages, losses and expenses arising out of or resulting from any insured loss or incurred in the repair or replacement of any insured property (including fees and charges of DESIGN TEAMS, architects, attorneys and other professionals) and shall provide that all insurance proceeds are to be paid to OWNER "as Trustee". If not covered under the "all risk" insurance or otherwise provided in the
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Supplementary Conditions, CONTRACTOR shall purchase and maintain similar property insurance on portions of the Work stored on or off the site or in transit when such portions of the Work are to be included in an Application for Payment.

B. (This section left intentionally blank).

C. The policies of insurance required under this Paragraph 5.5 shall provide that neither the OWNER nor the CONTRACTOR, nor their insurers, shall have any right of subrogation against any of the other parties enumerated in Paragraph 5.6. It is the intention of the OWNER and CONTRACTOR that the policies shall protect all of the enumerated parties and be primary coverage for any and all losses covered by the insurance described in Paragraphs 5.5.A and 5.5.B.

5.6 Waiver of Rights: To the extent permitted by law, OWNER and CONTRACTOR waive all rights against each other and the Subcontractors and their agents and employees and against DESIGN TEAM and separate contractors (if any) and their subcontractors', agent and employees, for damages caused by fire or other perils to the extent covered by insurance provided under Paragraph 5.5., or any other property insurance applicable to the Work, except such rights as they may have to the proceeds of such insurance held by OWNER as trustee. OWNER or CONTRACTOR, as appropriate, shall require similar waivers in writing by DESIGN TEAM and from each separate contractor and each Subcontractor, each such waiver will be in favor of all other parties enumerated in this Paragraph 5.6.

5.7 Receipt and Application of Proceeds:

A. Any insured loss under the policies of insurance required by Paragraph 5.5 shall be adjusted with OWNER and made payable to OWNER as trustee for the insureds, as their interests may appear, subject to the requirements of any applicable mortgage clause and of Paragraph 5.7.B. OWNER shall deposit in a separate account any money so received, and he shall distribute it in accordance with such agreement as the parties in interest may reach. If no other special agreement is reached, the damaged Work shall be repaired or replaced, the moneys so received applied on account thereof and the Work and the cost thereof covered by an appropriate Change Order.

B. OWNER as trustee shall have power to adjust and settle any loss with the insurers unless one of the parties in interest shall object in writing within fifteen days after each occurrence of loss to OWNER'S exercise of this power. If such objection be made, OWNER as trustee shall make settlement with the insurers in accordance with such agreement as the parties in interest may reach. If required in writing by any party in interest, OWNER as trustee shall upon the occurrence of an insured loss, give bond for the proper performance of his duties.

5.8 Partial Utilization - Property Insurance: If OWNER finds it necessary to occupy or use a portion or portions of the Work prior to Substantial Completion of all of the Work, such use or occupancy may be accomplished in accordance with Paragraph 14.6; provided that no such use or occupancy shall commence before the insurers providing the property insurance have acknowledged notice thereof and in writing effected the changes in coverage necessitated thereby. The insurers providing the property insurance shall consent by endorsement on the policy or policies, but the property insurance shall not be canceled or lapse on account of any such partial use or occupancy.

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- 5.9 Certificates of Insurance: All certificates of the insurance required to be purchased by CONTRACTOR pursuant to Article 5 shall be filed in accordance with Paragraph 2.1.B. Certificates shall be acceptable to OWNER and shall contain a provision that coverages afforded under the policies will not be canceled, materially changed or renewal refused until at least thirty days' prior written notice has been given to OWNER and DESIGN TEAM by certified mail.
- 5.10 Additional Bonds and Insurance: OWNER may require CONTRACTOR to furnish such other Bonds and such additional insurance, in such form and with such sureties or insurers as OWNER may specify. If such other Bonds or such other insurance are specified in the Contract Documents, the premiums shall be paid by CONTRACTOR. If subsequent thereto, they shall be paid by OWNER except as otherwise provided in Paragraph 6.3.A and Paragraph 13.8.B.

ARTICLE 6 - CONTRACTOR'S RESPONSIBILITIES

6.1 Supervision and Superintendence:

- A. CONTRACTOR will supervise and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the work in accordance with the Contract Documents. CONTRACTOR shall be solely responsible for the means, methods, techniques, sequences and procedures of construction, but he shall not be solely responsible for the negligence of others in the design or selection of a specific means, method, technique, sequence or procedure of construction which is indicated in and required by the Contract Documents. CONTRACTOR shall be responsible to see that the finished Work complies accurately with the Contract Documents.
- B. CONTRACTOR shall keep on the Work at all times during its progress a competent resident superintendent, who shall not be replaced without written notice to OWNER and DESIGN TEAM except under extraordinary circumstances. The superintendent will be CONTRACTOR'S representative at the site and shall have authority to act on behalf of CONTRACTOR. All communications given to the superintendent shall be as binding as if given to CONTRACTOR.

6.2 Labor, Materials and Equipment:

- A. CONTRACTOR shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. CONTRACTOR shall at all times maintain good discipline and order at the site. Except in connection with the safety or protection of persons or the Work or property at the site or adjacent thereto, and except as otherwise indicated in the Supplementary Conditions, all Work at the site shall be performed during regular working hours, and CONTRACTOR will not permit overtime work or the performance of Work on Saturday, Sunday or any legal holiday without OWNER'S written consent given after prior written notice to DESIGN TEAM.
- B. CONTRACTOR shall furnish all materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances and all other facilities and incidentals necessary for the execution, testing, initial operation and completion of the Work. Except as otherwise specified in the General Requirements, CONTRACTOR shall furnish all fuel, power, light,

heat, telephone, water and sanitary facilities necessary for the execution, testing, initial operation and completion of the Work.

- C. All materials and equipment shall be of good quality and new, except as otherwise provided in the Contract Documents. If required by DESIGN TEAM, CONTRACTOR shall furnish satisfactory evidence (including reports of required tests) as to the kind and quality of materials and equipment.
- D. All materials and equipment shall be applied, installed, connected, erected, used, cleaned and conditioned in accordance with the instructions of the applicable manufacturer, fabricator, supplier or distributor, except as otherwise provided in the Contract Documents but no provision of any such instructions will be effective to impose on DESIGN TEAM responsibility for the means, methods, techniques, sequences or procedures of construction or for safety precautions incident thereto.

6.3 Substitutions: Whenever materials or equipment are specified or described in the Drawings or Specifications by using the name of a proprietary item or the name of a particular manufacturer, fabricator, supplier or distributor, the naming of the item is intended to establish the type, function and quality required. Unless the name is followed by words indicating that no substitution is permitted, materials or equipment of other manufacturers, fabricators, suppliers or distributors may be accepted by DESIGN TEAM if sufficient information is submitted by CONTRACTOR to allow DESIGN TEAM to determine that the material or equipment proposed is equivalent to that named. The procedure for review by DESIGN TEAM will be as set forth in Paragraphs 6.3.A and 6.3.B below and as supplemented in the General Requirements.

- A. Requests for review of substitute items of material and equipment will not be accepted by DESIGN TEAM from anyone other than CONTRACTOR. If CONTRACTOR wishes to furnish or use a substitute item of material or equipment, CONTRACTOR shall make written application to DESIGN TEAM for acceptance thereof, certifying that the proposed substitute will perform adequately the functions and achieve the results called for by the general design, be similar and of equal substance to that specified and be suited to the same use as that specified. The application will state that the evaluation and acceptance of the proposed substitute will not prejudice CONTRACTOR'S timely achievement of Substantial Completion, whether or not acceptance of the substitute for use in the Work will require a change in the Drawings or Specifications to adapt the design to the substitute and whether or not incorporation or use of the substitute in connection with the Work is subject to payment of any license fee or royalty. All variations of the proposed substitute from that specified shall be identified in the application and available maintenance, repair and replacement service will be indicated. The application will also contain a statement that CONTRACTOR agrees to pay all costs that will result directly or indirectly from acceptance of such substitute, including costs of redesign and claims of other contractors affected by the resulting change. DESIGN TEAM may require CONTRACTOR to furnish at CONTRACTOR'S expense additional data about the proposed substitute. DESIGN TEAM will be allowed a reasonable time within which to evaluate the proposed substitute. DESIGN TEAM will be sole judge of acceptability and no substitute will be ordered or installed without DESIGN TEAM prior written acceptance. OWNER may require CONTRACTOR to furnish at CONTRACTOR'S expense a special performance guarantee or other surety with respect to any substitute.

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- B. DESIGN TEAM will record time required by DESIGN TEAM and DESIGN TEAM consultants in evaluating substitutions proposed by CONTRACTOR and in making changes in the Drawings or Specifications occasioned thereby, whether or not DESIGN TEAM accepts a proposed substitute, CONTRACTOR shall reimburse OWNER for the charges of DESIGN TEAM and DESIGN TEAM consultants for evaluating any proposed substitute that does not meet the requirements of the Drawings and Specifications.

6.4 Concerning Subcontractors:

- A. CONTRACTOR shall not employ any Subcontractor or other person or organization (including those who are to furnish the principal items of materials or equipment), whether initially or as a substitute, against whom OWNER or DESIGN TEAM may have reasonable objection. A Subcontractor or other person or organization identified in writing to OWNER and DESIGN TEAM by CONTRACTOR prior to the Notice of Award and not objected to in writing by OWNER or DESIGN TEAM prior to the Notice of Award will be deemed acceptable to OWNER and DESIGN TEAM. If OWNER or DESIGN TEAM after due investigation has reasonable objection to any Subcontractor, other person or organization proposed by CONTRACTOR after the Notice of Award, CONTRACTOR shall submit an acceptable substitute and the Contract Price shall be increased or decreased by the difference in cost occasioned by such substitution, and an appropriate Change Order shall be issued. CONTRACTOR shall not be required to employ any Subcontractor, other person or organization against whom CONTRACTOR has reasonable objection. Acceptance of any Subcontractor, other person or organization by OWNER or DESIGN TEAM shall not constitute a waiver of any right of OWNER or DESIGN TEAM to reject defective work.
- B. CONTRACTOR shall be fully responsible for all acts and omissions of his Subcontractors and of persons and organizations directly or indirectly employed by them and of persons and organizations for whose acts any of them may be liable to the same extent that CONTRACTOR is responsible for the acts and omissions of persons directly employed by CONTRACTOR. Nothing in the Contract Documents shall create any contractual relationship between OWNER or DESIGN TEAM and any Subcontractor or other person or organization having a direct contract with CONTRACTOR, nor shall it create any obligation on the part of OWNER or DESIGN TEAM to pay or to see to the payment of any moneys due any Subcontractor or other person or organization, except as may otherwise be required by law. OWNER or DESIGN TEAM may furnish to any Subcontractor or other person or organization, to the extent practicable, evidence of amounts paid to CONTRACTOR on account of specific work done.
- C. The Divisions and Sections of the Specifications and the identifications of any Drawings shall not control CONTRACTOR in dividing the Work among Subcontractors or delineating the Work to be performed by any specific trade.
- D. All Work performed for CONTRACTOR by a Subcontractor will be pursuant to an appropriate agreement between CONTRACTOR and the Subcontractor which specifically binds the Subcontractor to the applicable terms and conditions of the Contract Documents for the benefit of OWNER and the DESIGN TEAM and contains waiver provisions as required by Paragraph 5.6. CONTRACTOR shall pay each Subcontractor a just share of any insurance

moneys received by CONTRACTOR on account of losses under policies issued pursuant to Paragraph 5.5.

- 6.5 Patent Fees and Royalties: CONTRACTOR shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work of any invention, design, process, product or device which is the subject of patent rights or copyrights held by others. If a particular invention, design, process, product or device is specified in the Contract Documents for use in the performance of the Work and if to the actual knowledge of OWNER or DESIGN TEAM its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights shall be disclosed by OWNER in the Contract Documents. CONTRACTOR shall indemnify and hold harmless OWNER and DESIGN TEAM and anyone directly or indirectly employed by either of them from and against all claims, damages, losses and expenses (including attorneys' fees) arising out of any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product or device not specified in the Contract Documents, and shall defend all such claims in connection with any alleged infringement of such rights.
- 6.6 Permits: Unless otherwise indicated in the Supplementary Conditions, CONTRACTOR shall obtain and pay for all construction permits and licenses. OWNER shall assist CONTRACTOR, when necessary, in obtaining such permits and licenses. CONTRACTOR shall pay all governmental charges and inspection fees necessary for the prosecution of the Work, which are applicable at the time of opening of Bid. CONTRACTOR shall also pay all charges of utility service companies for connections to the Work, and OWNER shall pay all charges of such companies for capital costs related thereto.
- 6.7 Laws and Regulations: CONTRACTOR shall give all notices and comply with all laws, ordinances, rules and regulations applicable to the Work. If CONTRACTOR observes that the Specifications or Drawings are at variance therewith, CONTRACTOR shall give DESIGN TEAM prompt written notice thereof, and any necessary changes shall be adjusted by an appropriate modification. If CONTRACTOR performs any Work knowing or having reason to know that it is contrary to such laws, ordinances, rules and regulations, and without such notice to DESIGN TEAM, CONTRACTOR shall bear all costs arising therefrom; however, it shall not be CONTRACTOR'S primary responsibility to make certain that the Specifications and Drawings are in accordance with such laws, ordinances, rules and regulations.
- 6.8 Taxes: Contractor shall pay all sales, consumer, use and other similar taxes required to be paid by him in accordance with the law of the place of the Project.
- 6.9 Use of Premises:
- A. Contractor shall confine construction equipment, the storage of materials and equipment and the operations of workmen to areas permitted by law, ordinances, permits, or the requirements of the Contract Documents, and shall not unreasonably encumber the premises with construction equipment or other materials or equipment.
 - B. During progress of the Work, CONTRACTOR shall keep the premises free from accumulations of waste materials, rubbish and other debris resulting from the Work. At the

completion of the Work, Contractor shall remove all waste materials, rubbish and debris from and about the premises as well as all tools, appliances, construction equipment and machinery, and surplus materials, and shall leave the site clean and ready for occupancy by Owner. Contractor shall restore to their original condition those portions of the site not designated for alternation by the Contract Documents.

- C. Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall Contractor subject any part of the Work or adjacent property to stresses or pressures that will endanger it.

6.10 Record Documents: Contractor shall keep one record copy of all Specifications, Drawings, Addenda, Modifications, Shop Drawings, and Samples at the site in good order, and annotated to show all changes made during the construction process. These shall be available to DESIGN TEAM for examination and shall be delivered to DESIGN TEAM for Owner upon completion of the Work.

6.11 Safety and Protection:

- A. Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:
1. All employees on the work site and other persons who may be affected thereby;
 2. All the work and all materials or equipment to be incorporated therein, whether in storage on or off the site; and
 3. Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities not designated for removal, relocation or replacement in the course of construction, and livestock.
- B. Contractor shall comply with all applicable laws, ordinances, rules, regulations and orders or any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss; and shall erect and maintain all necessary safeguards for such safety and protection. CONTRACTOR shall notify owners of adjacent property and utilities when prosecution of the Work may effect them. CONTRACTOR shall cooperate with the utility owner in the protection, removal, relocation, or replacement of such utility property. All damage, injury or loss to any property referred to in Paragraph 6.11.A.2 or 6.11.A.3 caused, directly or indirectly, in whole or in part, by CONTRACTOR, any Subcontractor or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, shall be remedied by CONTRACTOR (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of OWNER or DESIGN TEAM or anyone employed by either of them or anyone for whose acts either of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of CONTRACTOR). CONTRACTOR'S duties and responsibilities for the safety and protection of the Work shall continue until such time as all the Work is completed and DESIGN TEAM has issued a notice to OWNER and CONTRACTOR in accordance with Paragraph 14.9 that the Work is acceptable.

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- C. CONTRACTOR shall designate a responsible member of his organization at the site whose duty shall be the prevention of accidents. This person shall be CONTRACTOR'S superintendent unless otherwise designated in writing by CONTRACTOR to OWNER.
- 6.12 Emergencies: In emergencies affecting the safety or protection of persons or the Work or property at the site or adjacent thereto, CONTRACTOR, without Special instruction or authorization from DESIGN TEAM or OWNER, is obligated to act to prevent threatened damage, injury or loss. CONTRACTOR shall give DESIGN TEAM prompt written notice of any significant changes in the Work or deviations from the Contract Documents caused thereby
- 6.13 Shop Drawings and Samples:
- A. After checking and verifying all field measurements, CONTRACTOR shall Submit to DESIGN TEAM for review and approval, in accordance with the accepted schedule of Shop Drawing submissions (See Paragraph 2.6) and the procedures specified in the General Requirements, copies of all Shop Drawings, which shall have been checked by and stamped with the approval of CONTRACTOR and identified as DESIGN TEAM may require. The data shown on the Shop Drawings will be complete with respect to dimensions, design criteria, materials of construction and the like to enable DESIGN TEAM to review the information as required.
- B. CONTRACTOR shall also submit to DESIGN TEAM for review and approval with such promptness as to cause no delay in Work, all Samples required by the Contract Documents. All Samples will have been checked by and stamped with the approval of CONTRACTOR, identified clearly as to material, manufacturer, and pertinent catalog numbers and the use for which intended.
- C. At the time of each submission, CONTRACTOR shall in writing call DESIGN TEAM attention to all deviations that the Shop Drawings or Samples may have from the requirements of the Contract Documents.
- D. DESIGN TEAM will review and approve with reasonable promptness Shop Drawings and Samples, but DESIGN TEAM review and approval shall be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents and shall not extend to means, methods, sequences, techniques or procedures of construction or to safety precautions or programs incident thereto. The review and approval of a separate item as such will not indicate approval of the assembly in which the item functions. CONTRACTOR shall make any corrections required by DESIGN TEAM and shall return the required number of corrected copies of Shop Drawings and resubmit new Samples for review and approval. CONTRACTOR shall direct specific attention in writing to revisions other than the corrections called for by DESIGN TEAM on previous submittals. CONTRACTOR'S stamp of approval on any Shop Drawing or Sample shall constitute a representation to OWNER and DESIGN TEAM that CONTRACTOR has either determined and verified all quantities, dimensions, field construction criteria, materials, catalog numbers, and similar data or assumes full responsibility for doing so and that CONTRACTOR has reviewed or coordinated each Shop Drawing or Sample with the requirements of the Work and the Contract Documents.
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- E. Where a Shop Drawing or Sample is required by the Specifications, no related Work shall be commenced until the submittal has been reviewed and approved by DESIGN TEAM.
- F. DESIGN TEAM review and approval of Shop Drawings or Samples shall not relieve CONTRACTOR from responsibility for any deviations from the Contract Documents unless CONTRACTOR has in writing called DESIGN TEAM attention to such deviation at the time of submission and DESIGN TEAM has given written concurrence and approval to the specific deviation, nor shall any concurrence and approval by DESIGN TEAM relieve CONTRACTOR from responsibility for errors or omissions in the Shop Drawings or Samples.
- 6.14 Continuing The Work: CONTRACTOR shall carry on the Work and maintain the progress schedule during all disputes or disagreements with OWNER. No Work shall be delayed or postponed pending resolution of any disputes or disagreements, except as CONTRACTOR and OWNER may otherwise agree in writing.
- 6.15 Indemnification:
- A. To the fullest extent permitted by law, CONTRACTOR shall indemnify and hold harmless OWNER and DESIGN TEAM and their agents, employees and consultants from and against all claims, damages, losses and expenses including, but not limited to attorneys' fees arising out of or resulting from the performance of the Work, provided that any such claim, damage, loss or expense (1) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property including the loss of use resulting therefrom and (2) is caused in whole or in part by either
1. any negligent act or omission of CONTRACTOR, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable regardless of whether or not it is caused in part by a party indemnified hereunder, or
 2. arises out of operation of law as a consequence of any act or omission of CONTRACTOR, any Subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, regardless of whether any of them has been negligent.
- B. In any and all claims against OWNER or DESIGN TEAM or any of their agents, employees or consultants by any employee of CONTRACTOR, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under Paragraph 6.15.A shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for CONTRACTOR or any Subcontractor under workers' or workmen's compensation acts, disability benefit acts or other employee benefit acts.
- C. The obligations of CONTRACTOR under Paragraph 6.15.A shall not extend to the liability of DESIGN TEAM, his agents, employees or consultants arising out of the DESIGN TEAM preparation or approval of maps, Drawings, opinions, reports, surveys, Change Orders, designs or Specifications.

ARTICLE 7 - WORK BY OTHERS

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- 7.1 OWNER may perform additional work related to the Project by himself, or have additional work performed by utility service companies, or let other direct contracts therefor which shall contain General Conditions similar to these. CONTRACTOR shall afford the utility service companies and the other contractors who are parties to such direct contracts (or OWNER, if OWNER is performing the additional work with OWNER'S employees) reasonable opportunity for the introduction and storage of materials and equipment and the execution of work, and shall properly connect and coordinate his Work with theirs.
- 7.2 If any part of CONTRACTOR'S Work depends for proper execution or results upon the work of any such other contractor or utility service company (or OWNER), CONTRACTOR shall inspect and promptly report to DESIGN TEAM in writing any patent or apparent defects or deficiencies in such work that render it unsuitable for such proper execution and results. CONTRACTOR'S failure to so report shall constitute an acceptance of the other work as fit and proper for integration with CONTRACTOR'S Work except for latent defects and deficiencies in the other work.
- 7.3 CONTRACTOR shall do all cutting, fitting and patching of his Work that may be required to make its several parts come together properly and integrate with such other work. CONTRACTOR shall not endanger any work of others by cutting, excavating or otherwise altering their work and will only cut or alter their work with the written consent of DESIGN TEAM and the others whose work will be affected.
- 7.4 If the performance of additional work by other contractors or utility service companies or OWNER was not noted in the Contract Documents, written notice thereof shall be given to CONTRACTOR prior to starting any such additional work. If CONTRACTOR believes that the performance of such additional work by OWNER or others involves additional expense or requires an extension of the Contract Time, CONTRACTOR may make a claim therefor as provided in Articles 11 and 12 provided that the CONTRACTOR will make no claim which is barred by the provisions of Paragraph 12.3.

ARTICLE 8 - OWNER'S RESPONSIBILITIES

- 8.1 OWNER shall issue all communications to CONTRACTOR through DESIGN TEAM.
- 8.2 In case of termination of the employment of DESIGN TEAM, OWNER shall appoint a DESIGN TEAM whose status under the Contract Documents shall be that of the former DESIGN TEAM.
- 8.3 OWNER shall furnish the data required of OWNER under the Contract Documents promptly and shall make payments to CONTRACTOR promptly after they are due as provided in Paragraphs 14.4.A and 14.9.A.
- 8.4 OWNER'S duties in respect of providing lands and easements and providing DESIGN TEAMing surveys to establish reference points are set forth in Paragraphs 4.1 and 4.4. Paragraph 4.2 refers to OWNER'S identifying and making available to CONTRACTOR copies of reports of investigations and tests of subsurface and latent physical conditions at the site or those reports that otherwise may affect performance of the Work which have been utilized by DESIGN TEAM in preparing the Drawings and Specifications.

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- 8.5 OWNER'S responsibilities in respect of purchasing and maintaining insurance are set forth in Article 5.
- 8.6 In connection with OWNER'S rights to request changes in the Work in accordance with Article 10, OWNER (especially in certain instances as provided in Paragraph 10.4) is obligated to execute Change Orders.
- 8.7 OWNER'S responsibility in respect of certain inspections, tests and approvals is set forth in Paragraph 13.3.
- 8.8 In connection with OWNER'S right to stop Work or suspend Work, see Paragraphs 13.5 and 15.1. Paragraph 15.2.A deals with OWNER'S right to terminate services of CONTRACTOR under some circumstances.

ARTICLE 9 - DESIGN TEAM STATUS DURING CONSTRUCTION

- 9.1 Owner's Representative: DESIGN TEAM will be OWNER'S representative during the construction period. The duties and responsibilities and the limitations of authority of DESIGN TEAM as OWNER'S representative during construction are set forth in the Contract Documents and shall not be extended without written consent of OWNER and DESIGN TEAM.
- 9.2 Visits to Site: DESIGN TEAM will not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work. DESIGN TEAM shall make visits to the site at intervals appropriate to the various stages of construction to observe the progress and quality of the executed Work and to determine, in general, if the Work is proceeding in accordance with the Contract Documents. On the basis of such visits and on-site observations, DESIGN TEAM will inform OWNER of the progress of the Work and will endeavor to guard OWNER against defects and deficiencies in the Work.
- 9.3 Clarifications and Interpretations: DESIGN TEAM will issue with reasonable promptness such written clarifications or interpretations of the Contract Documents (in the form of Drawings or otherwise) as DESIGN TEAM may determine necessary, which shall be consistent with or reasonably inferable from the overall Intent of the Contract Documents. If CONTRACTOR believes that a written clarification or interpretation justifies an increase in the Contract Price or Contract Time, CONTRACTOR may make a claim therefor as provided in articles 11 and 12.
- 9.4 Rejecting Defective Work: DESIGN TEAM will have authority to disapprove or reject Work which DESIGN TEAM believes to be defective, and will also have authority to require special inspection or testing of the Work as provided in Article 13, whether or not the Work is fabricated, installed or completed.
- 9.5 Project Representation: If OWNER and DESIGN TEAM agree, DESIGN TEAM will designate a Resident Project Representative to assist DESIGN TEAM in observing the performance of the Work. The duties, responsibilities and limitations of authority of any such Resident Project Representative and assistants will be as provided in the Supplementary Conditions. If OWNER designates another agent to represent him at the site who is not DESIGN TEAM agent or employee, the duties, responsibilities and limitations of authority of such other person will be as set forth in the Supplementary Conditions.

9.6 Decisions on Disagreements:

- A. DESIGN TEAM will be the initial interpreter of the requirements of the Contract Documents and judge of the acceptability of the Work thereunder: Claims, disputes and other matters relating to the acceptability of the Work or the interpretation of the requirements of the Contract Documents pertaining to the execution and progress of the Work shall be referred initially to DESIGN TEAM in writing with a request for a formal decision in accordance with this Paragraph, which DESIGN TEAM will render in writing within a reasonable time. Written notice of each such claim, dispute and other matter shall be delivered by the claimant to DESIGN TEAM and the other party to the Agreement within fifteen days of the occurrence of the event giving rise thereto and written supporting data will be submitted to DESIGN TEAM and the other party within forty-five days of such occurrence unless DESIGN TEAM allows an additional period of time to ascertain more accurate data. In his capacity as interpreter and judge, DESIGN TEAM will not show partiality to OWNER or CONTRACTOR..
- B. The rendering of a decision by DESIGN TEAM pursuant to Paragraph 9.6.A with respect to any such claim, dispute or other matter (except any which have been waived by the making or acceptance of final payment as provided in Paragraph 14.9) will be a condition precedent to any exercise by OWNER or CONTRACTOR of such rights or remedies as either may otherwise have under the Contract Documents or at law in respect of any such claim, dispute or other matter.

9.7 Limitations on DESIGN TEAM Responsibilities:

- A. Neither DESIGN TEAM authority to act under this Article 9 or elsewhere in the Contract Documents nor any decision made by DESIGN TEAM in good faith either to exercise or not exercise such authority shall give rise to any duty or responsibility of DESIGN TEAM to CONTRACTOR, any Subcontractor, any manufacturer, fabricator, supplier or distributor or any of their agents or employees or any other person performing any of the Work.
- B. Whenever in the Contract Documents the terms "as ordered", "as directed", "as required", "as allowed", "as approved" or terms of like effect or import are used, or the adjectives "reasonable", "suitable", "acceptable", "proper", or "satisfactory" or adjectives of like effect or import are used to describe a requirement, direction, review or judgement of DESIGN TEAM as to the Work, it is intended that such requirement, direction, review or judgement will be solely to evaluate the Work for compliance with the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective never indicates that DESIGN TEAM shall have authority to supervise or direct performance of the Work or authority to undertake responsibility contrary to the provisions of Paragraphs 9.7.C and 9.7.D.
- C. DESIGN TEAM will not be responsible for CONTRACTOR'S means, methods, techniques, sequences or procedures of construction, or the safety precautions and programs incident thereto.

ARTICLE 10 - CHANGES IN THE WORK

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- 10.1 Without invalidating the Agreement, OWNER may, at any time or from time to time, order additions, deletions or revisions in the work; these will be authorized by written Change Orders only. Upon receipt of a Change Order, CONTRACTOR shall proceed with the Work involved. All such work shall be executed under the applicable conditions of the Contract Documents. If any Change Order causes an increase or decrease in the Contract Price or an extension or shortening of the Contract Time, an equitable adjustment will be made as provided in Article 11 or Article 12 on the basis on a claim made by either party.
- 10.2 DESIGN TEAM may authorize minor changes in the Work not involving an adjustment in the Contract Price or the Contract Time which are consistent with the overall intent of the Contract Documents. These may be accomplished by a Field Order and shall be binding on OWNER, and also on CONTRACTOR who shall perform the change promptly. If CONTRACTOR believes that a Field Order Justifies an increase in the Contract Price or Contract Time, CONTRACTOR may make a claim therefor as provided in Article 11 or Article 12.
- 10.3 Additional Work performed without authorization of a Change Order will not entitle CONTRACTOR to an increase in the Contract Price or an extension of the Contract Time, except as provided in Paragraphs 10.2, 13.4.B, and except in the case of an emergency as provided in Paragraph 6.12.
- 10.4 OWNER shall execute appropriate written Change Orders prepared by DESIGN TEAM covering changes in the Work which are required by OWNER, or required because of unforeseen physical conditions or emergencies, or because of uncovering work found not to be defective, or as provided in Paragraphs 11.6 and 15.1, or because of any other claim of CONTRACTOR for a change in the Contract Time or the Contract Price which is recommended by DESIGN TEAM.
- 10.5 If notice of any changes affecting the general scope of the Work or change in the Contract Price is required by the provisions of any Bond to be given to the surety, it will be CONTRACTOR'S responsibility to so notify the Surety, and the amount of each applicable Bond shall be adjusted accordingly. CONTRACTOR shall furnish proof of such adjustment to OWNER.

ARTICLE 11 - CHANGE OF CONTRACT PRICE

- 11.1 The Contract Price constitutes the total compensation (subject to authorized adjustments) payable to CONTRACTOR for performing the Work. All duties, responsibilities and obligations assigned to or undertaken by CONTRACTOR shall be at his expense without change in the Contract Price.
- 11.2 The Contract Price may only be changed by a written Change Order. Any claim for an increase in the Contract Price shall be based on written notice delivered to OWNER and DESIGN TEAM within fifteen days of the occurrence of the event giving rise to the claim. Notice of the amount of the claim with supporting data shall be delivered within forty-five days of such occurrence unless DESIGN TEAM allows an additional period of time to ascertain accurate cost data. All claims for adjustment in the Contract Price shall be determined by DESIGN TEAM if OWNER and CONTRACTOR cannot otherwise agree on the amount involved. Any change in the Contract Price resulting from any such claim shall be incorporated in a written Change Order.
- 11.3 The value of any Work covered by a Change Order or of any claim for an increase or decrease in the Contract Price shall be determined in one of the ways listed herein.

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- A. Where the Work involved is covered by unit prices contained in the Contract Documents, by application of unit prices to the quantities of the items involved.
 - B. By mutual acceptance of a lump sum.
 - C. On the basis of the Cost of the Work (determined as provided in Paragraph 11.4) plus a Contractor's Fee for overhead and profit (determined as provided in Paragraph 11.5).
 - D. Whenever the cost of any Work is to be determined pursuant to Paragraphs 11.4.A and 11.4.B, CONTRACTOR will submit in form acceptable to DESIGN TEAM, an itemized cost breakdown together with supporting data.

11.4 Cost of the Work

- A. The term Cost of the Work means the sum of all costs necessarily incurred and paid by CONTRACTOR in the proper performance of the Work. Except as otherwise may be agreed to in writing by OWNER, such costs shall be in amounts no higher than those prevailing in the locality of the Project, shall include only the following items and shall not include any of the costs itemized in Paragraph 11.4.B.
 - 1. Payroll costs for employees in the direct employ of CONTRACTOR in the performance of the Work under schedules of job classifications agreed upon by OWNER and CONTRACTOR. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include, but not be limited to, salaries and wages plus the cost of fringe benefits which shall include social security contributions, unemployment, excise and payroll taxes, workers' or workmen's compensation, health and retirement benefits, bonuses, sick leave, vacation and holiday pay applicable thereto. Such employees shall include superintendents and foremen at the site. The expenses of performing Work after regular working hours, on Saturday, Sunday or legal holidays shall be included in the above to the extent authorized by OWNER.
 - 2. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and manufacturers' field services required in connection therewith. All cash discounts shall accrue to CONTRACTOR unless OWNER deposits funds with CONTRACTOR with which to make payments, in which case the cash discounts shall accrue to OWNER. All trade discounts, rebates and refunds, and all returns from sale of surplus materials and equipment shall accrue to OWNER, and CONTRACTOR shall make provisions so that they may be obtained.
 - 3. Payments made by CONTRACTOR to the Subcontractors for work performed by Subcontractors. If required by OWNER, CONTRACTOR shall obtain competitive bids from Subcontractors acceptable to CONTRACTOR and shall deliver such bids to OWNER who will then determine, with the advice of DESIGN TEAM, which bids will be accepted. If a subcontract provides that the Subcontractor is to be paid on the basis of Cost of the Work Plus a Fee, the Subcontractor's Cost of the Work shall be

determined in the same manner as CONTRACTOR'S Cost of the Work. All subcontracts shall be subject to the other provisions of the Contract Documents insofar as applicable.

4. Costs of special consultants (including, but not limited to, DESIGN TEAMS, architects, testing laboratories, surveyors, lawyers and accountants) employed for services specifically related to the work.
5. Supplemental costs including the following:
 - a. The proportion of necessary transportation, travel and subsistence expenses of CONTRACTOR'S employees incurred in discharge of duties connected with the work.
 - b. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office and temporary facilities at the site and hand tools not owned by the workmen, which are consumed in the performance of the Work, and cost less market value of such items used but not consumed which remain the property of CONTRACTOR.
 - c. Rentals of all construction equipment and machinery and the parts thereof whether rented from CONTRACTOR or others in accordance with rental agreements approved by OWNER with the advice of DESIGN TEAM, and the costs of transportation, loading, unloading, installation, dismantling and removal thereof--all in accordance with terms of said rental agreements. The rental of any such equipment, machinery or parts shall cease when the use thereof is no longer necessary for the Work.
 - d. Sales, use or similar taxes related to the Work, and for which CONTRACTOR is liable, imposed by any governmental authority.
 - e. Deposits lost for causes other than CONTRACTOR'S negligence, royalty payments and fees for permits and licenses.
 - f. Losses and damages (and related expenses), not compensated by insurance or otherwise, to the Work or otherwise sustained by CONTRACTOR in connection with the execution of the Work, provided they have resulted from causes other than the negligence of CONTRACTOR, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with the written consent and approval of OWNER. No such losses, damages and expenses shall be included in the Cost of the Work for the purpose of determining Contractor's Fee. If, however, any such loss or damage requires reconstruction and CONTRACTOR is placed in charge thereof, CONTRACTOR shall be paid for services a fee proportionate to that stated in Paragraph 11.5.
 - g. The cost of utilities, fuel and sanitary facilities at the site.
 - h. Minor expenses such as telegrams, long distance telephone calls, telephone service at the site, expressage and similar petty cash items in connection with the Work.
 - i. Cost of premiums for additional Bonds and insurance required because of changes in the Work.

B. The Term Cost of the Work shall not include any of the following:

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1. Payroll costs and other compensation of CONTRACTOR'S officers, executives, principals (of partnership and sole proprietorships), general managers, DESIGN TEAMS, architects, estimators, lawyers, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks and other personnel employed by CONTRACTOR whether at the site or in his principal or a branch office for general administration of the work and not specifically included in the agreed upon schedule of job classifications referred to in Paragraph 11.4.A.1 - all of which are to be considered administrative costs covered by the CONTRACTOR'S Fee.
 2. Expenses of CONTRACTOR'S principal and branch offices other than CONTRACTOR'S office at the site.
 3. Any part of CONTRACTOR'S capital expenses, including interest on CONTRACTOR'S capital employed for the Work and charges against CONTRACTOR for delinquent payments.
 4. Cost of premiums for all Bonds and for all insurance whether or not CONTRACTOR is required by the Contract Documents to purchase and maintain the same (except for additional Bonds and insurance required because of changes in the Work).
 5. Costs due to the negligence of CONTRACTOR, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied and making good any damage to property.
 6. Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in Paragraph 11.4.A.

11.5 Contractor's Fee:

- A. The Contractor's Fee allowed to CONTRACTOR for overhead and profit shall be determined as follows:
 1. A mutually acceptable fixed fee; or if none can be agreed upon,
 2. A fee based on the following percentages of the various portions of the Cost of the Work:
 - a. For costs incurred under Paragraphs 11.4.A.1 and 11.4.A.2, the Contractor's Fee shall not exceed a total of twenty percent for overhead and for profit.
 - b. For costs incurred under Paragraph 11.4.A.3, the Contractor's Fee shall not exceed a total of five percent; and if a subcontract is on the basis of Cost of the Work Plus a Fee, the maximum allowable to the Subcontractor as a fee for overhead and profit shall not exceed a total of twenty percent.
 - c. No fee shall be payable on the basis of costs itemized under Paragraphs 11.4.A.4, 11.4.A.5 and 11.4.B.
- B. The amount of credit to be allowed by CONTRACTOR to OWNER for any such change which results in a net decrease in cost, will be the net decrease in Cost of the Work plus ten percent of the net decrease in the Cost of the Work. When both additions and credits are involved in any one change, the combined overhead and profit shall be figured on the basis of the net increase, if any.

11.6 Cash Allowances: It is understood that CONTRACTOR has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be done by such Subcontractors, manufacturers, fabricators, suppliers or distributors and for such sums within the

limit of the allowances as may be acceptable to DESIGN TEAM. Upon final payment, the Contract Price shall be adjusted as required and an appropriate Change Order issued. CONTRACTOR agrees that the original Contract Price includes such sums as CONTRACTOR deems proper for costs and profit on account of cash allowances. No demand for additional cost or profit in connection therewith will be allowed.

ARTICLE 12 - CHANGE OF THE CONTRACT TIME

- 12.1 The Contract Time may only be changed by a written Change Order. Any claim for an extension in the Contract Time shall be based on written notice delivered to OWNER and DESIGN TEAM within fifteen days of the occurrence of the event giving rise to the claim. Notice of the extent of the claim with supporting data shall be delivered within forty-five days of such occurrence unless DESIGN TEAM allows an additional period of time to ascertain more accurate data. All claims for adjustment in the Contract Time shall be determined by OWNER if DESIGN TEAM and CONTRACTOR cannot otherwise agree. Any change in the Contract Time resulting from any such claim shall be incorporated in a written Change Order.
- 12.2 The Contract Time will be extended in an amount equal to time lost due to delays beyond the control of CONTRACTOR if a claim is made therefor as provided in Paragraph 12.1. Such delays shall include, but not be limited to, acts or neglect by OWNER or others performing additional work as contemplated by Article 7, or to fires, floods, labor disputes, epidemics, abnormal weather conditions, or acts of God. No extension of the Contract Time will be granted where the delay is attributable to a Subcontractor, manufacturer, fabricator, supplier or distributor or any other party performing services or furnishing material or equipment on behalf of the CONTRACTOR unless such party's delay is attributable to one of the above enumerated causes.
- 12.3 The time limits concerning Substantial Completion and final completion as stated in the Contract Documents are of the essence. The provisions of this Article 12 shall not exclude recovery for damages (including compensation for additional professional services) for delay by either party, provided, however that CONTRACTOR shall not be entitled to damages for any delay occurring as a consequence of a delay in additional work being performed by others pursuant to Paragraph 7.1 hereof if the performance of said additional work was noted in the Contract Documents and the delay (by others) was not directly caused by the fault of OWNER.

ARTICLE 13 - WARRANTY AND GUARANTEE; TESTS AND INSPECTION; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

- 13.1 Warranty and Guarantee: CONTRACTOR warrants and guarantees to OWNER and DESIGN TEAM that all work will be in accordance with the Contract Documents and will not be defective. Prompt notice of all defects shall be given to CONTRACTOR. All defective Work, whether or not in place, may be rejected or corrected as provided in this Article 13.
- 13.2 Access to Work: DESIGN TEAM and DESIGN TEAM representatives, other representatives of OWNER, testing agencies and governmental agencies with Jurisdictional Interests will have access to the Work at reasonable times for their observation, inspection and testing. CONTRACTOR shall provide proper and safe conditions for such access.
- 13.3 Tests and Inspections:

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- A. CONTRACTOR shall give DESIGN TEAM timely notice of readiness of the Work for all required inspections, tests or approvals.
 - B. If any law, ordinance, rule, regulation, code, or orders of any public body having jurisdiction requires any Work (or part thereof) to specifically be inspected, tested or approved, CONTRACTOR (unless another party is specified in the General Requirements) shall assume full responsibility therefor, pay all costs in connection therewith and furnish DESIGN TEAM the required certificates of inspection, testing or approval. CONTRACTOR shall also be responsible for and shall pay all costs in connection with any inspection or testing required by the Specifications in connection with OWNER'S or DESIGN TEAM acceptance of a manufacturer, fabricator, supplier or distributor of materials or equipment proposed to be incorporated in the Work, or of materials or equipment submitted for approval prior to CONTRACTOR'S purchase thereof for incorporation in the Work. The cost of all other inspections, tests and approvals required by the Contract Documents shall be paid by OWNER (unless otherwise specified).
 - C. All inspections, tests or approvals other than those required by law ordinance, rule, regulation, code or order of any public body having Jurisdiction shall be performed by organizations acceptable to OWNER (or by DESIGN TEAM if so specified).
 - D. If any Work that is to be inspected, tested or approved is covered without written concurrence of DESIGN TEAM, it must, if requested by DESIGN TEAM, be uncovered for observation. Such uncovering shall be at CONTRACTOR'S expense unless CONTRACTOR has given DESIGN TEAM timely notice of CONTRACTOR'S intention to cover such Work and DESIGN TEAM has not acted with reasonable promptness in response to such notice.
 - E. Neither observations by DESIGN TEAM nor inspections, tests or approvals by others shall relieve CONTRACTOR from his obligations to perform the Work in accordance with the Contract Documents.

13.4 Uncovering Work:

- A. If any Work is covered contrary to the written request of DESIGN TEAM, it must, if requested by DESIGN TEAM, be uncovered for DESIGN TEAM observation and replaced at CONTRACTOR'S expense.
- B. If DESIGN TEAM considers it necessary or advisable that covered Work be observed by DESIGN TEAM or inspected or tested by others, CONTRACTOR, at DESIGN TEAM request, shall uncover, expose or otherwise make available for observation, inspection or testing as DESIGN TEAM may require, that portion of the Work in question, furnishing all necessary labor, material and equipment. If it is found that such Work is defective, CONTRACTOR shall bear all the expenses of such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction, including compensation for additional professional services, and an appropriate deductive Change Order shall be issued. If, however, such Work is not found to be defective, CONTRACTOR shall be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to such uncovering, exposure, observation, inspection, testing and reconstruction if he makes a claim therefor as provided in Articles 11 and 12.

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- 13.5 Owner May Stop the Work: If the Work is defective, or CONTRACTOR fails to supply sufficient skilled Workmen or suitable materials or equipment, OWNER may order CONTRACTOR to stop the Work, or any portion thereof, until the cause for such order has been eliminated. However, this right of OWNER to stop the Work shall not give rise to any duty on the part of OWNER to exercise this right for the benefit of CONTRACTOR or any other party.
- 13.6 Correction or Removal of Defective Work: If required by DESIGN TEAM, CONTRACTOR shall promptly, without cost to OWNER and as specified by DESIGN TEAM, either correct any defective Work, whether or not fabricated, installed or completed, or, if the Work has been rejected by DESIGN TEAM, remove it from the site and replace it with nondefective Work.
- 13.7 One Year Correction Period: If, within one year after the date of Substantial Completion or such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents, or by any specific provision of the Contract Documents, any Work is found to be defective, CONTRACTOR shall promptly, without cost to OWNER and in accordance with OWNER'S written instructions, either correct such defective Work, or, if it has been rejected by OWNER, remove it from the site and replace it with nondefective Work. If CONTRACTOR does not promptly comply with the terms of such instructions, or in an emergency where delay would cause serious risk of loss or damage, OWNER may have the defective Work corrected or the rejected Work removed and replaced, and all direct and indirect costs of such removal and replacement, including compensation for additional professional services, shall be paid by CONTRACTOR.
- 13.8 Acceptance of Defective Work:
- A. If, instead of requiring correction or removal and replacement of defective Work, OWNER (and, prior to DESIGN TEAM recommendation of final payment, also DESIGN TEAM) prefers to accept it, OWNER may do so. In such case, if acceptance occurs prior to DESIGN TEAM recommendation of final payment, a Change Order shall be issued incorporating the necessary revisions in the Contract Documents, including appropriate reduction in the Contract Prices or, if the acceptance occurs after such recommendation, an appropriate amount shall be paid by CONTRACTOR to OWNER.
 - B. OWNER may require CONTRACTOR to furnish, at CONTRACTOR'S expense, performance guarantees and additional Bonds prior to acceptance of defective Work.
- 13.9 Owner May Correct Defective Work: If CONTRACTOR fails within a reasonable time after written notice of DESIGN TEAM to proceed to correct and to correct defective work or to remove and replace rejected Work as required by DESIGN TEAM in accordance with Paragraph 13.6, or if CONTRACTOR fails to perform the work in accordance with the Contract Documents (including any requirements of the progress schedule), OWNER may, after seven days' written notice to CONTRACTOR, correct and remedy any such deficiency. In exercising his rights under this Paragraph, OWNER shall proceed expeditiously. To the extent necessary to complete corrective and remedial action, owner may exclude CONTRACTOR from all or part of the site, take possession of all or part of the Work, and suspend CONTRACTOR'S services related thereto, take possession of CONTRACTOR'S tools, appliances, construction equipment and machinery at the site and incorporate in the Work all materials and equipment stored at the site or for which OWNER has paid
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CONTRACTOR but which are stored elsewhere. CONTRACTOR shall allow OWNER, OWNER'S representatives, agents and employees such access to the site as may be necessary to enable OWNER to exercise his rights under this Paragraph. All direct and indirect costs of OWNER in exercising such rights shall be charged against CONTRACTOR in an amount verified by DESIGN TEAM, and a Change Order shall be issued incorporating the necessary revisions in the Contract Documents and a reduction in the Contract Price. Such direct and indirect costs shall include, in particular but without limitation, compensation for additional professional services required and all costs of repair and replacement of work of others destroyed or damaged by correction, removal or replacement of CONTRACTOR'S defective Work. CONTRACTOR shall not be allowed an extension of the Contract Time because of any delay in his performance of the Work attributable to the exercise by OWNER of OWNER'S rights hereunder

ARTICLE 14 - PAYMENTS TO CONTRACTOR AND COMPLETION

- 14.1 Schedules: At least twenty days prior to submitting the first application for a progress payment, CONTRACTOR shall (except as otherwise specified in the General Requirements) submit to DESIGN TEAM a progress schedule, final schedule of Shop Drawings submission and where applicable, a schedule of values of the Work. These schedules shall be satisfactory in form and substance to DESIGN TEAM. The schedule of values shall include quantities and unit prices aggregating the Contract Price, and shall subdivide the Work into component parts in sufficient detail to serve as the basis for progress payments during construction. Upon acceptance of the schedule of values by DESIGN TEAM, it shall be incorporated into a form of Application for Payment acceptable to DESIGN TEAM.
- 14.2 Application for Progress Payment: At least ten days before each application for a progress payment falls due (but not more often than once a month), CONTRACTOR shall submit to DESIGN TEAM for review an Application for Payment filled out and signed by CONTRACTOR covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the Contract Documents and also as DESIGN TEAM may reasonably require. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the site or at another location agreed to in writing, the Application for Payment shall also be accompanied by such data, satisfactory to OWNER, as will establish OWNER'S title to the material and equipment and protect OWNER'S interest therein, including applicable insurance. Each subsequent Application for Payment shall include an affidavit of CONTRACTOR stating that all previous progress payments received on account of the Work have been applied to discharge in full all of CONTRACTOR'S obligations reflected in prior Applications for Payment. The amount of retainage with respect to progress payments will be ten percent (10%) in the Agreement.
- 14.3 Contractor's Warranty of Title: CONTRACTOR warrants and guarantees that title to all Work, materials and equipment covered by any Application for Payment, whether incorporated in the Project or not, will pass to OWNER at the time of payment free and clear of all liens, claims, security interests and encumbrances (hereafter in these General Conditions referred to as "Liens").
- 14.4 Review of Applications for Progress Payments:
- A. DESIGN TEAM will, within ten days after receipt of each Application for Payment, either indicate in writing his recommendation of payment and present the Application to OWNER, or return the Application to CONTRACTOR indicating in writing DESIGN TEAM reasons

for refusing to recommend payment. In the latter case, CONTRACTOR may make the necessary corrections and resubmit the Application. OWNER shall, within forty-five days of presentation to him of the Application for Payment with DESIGN TEAM recommendation, pay CONTRACTOR the amount recommended.

- B. DESIGN TEAM recommendation of any payment requested in an Application for Payment will constitute a representation by DESIGN TEAM to OWNER, based on DESIGN TEAM on-site observations of the Work in progress as an experienced and qualified design professional and on DESIGN TEAM review of the Application for Payment and the accompanying data and schedules that the Work has progressed to the point indicated that, to the best of DESIGN TEAM knowledge, information and belief, the quality of the work is in accordance with the Contract Documents (subject to an evaluation of the work as a functioning Project upon Substantial Completion, to the results of any subsequent tests called for in the Contract Documents and any qualifications stated in the recommendation) and that CONTRACTOR is entitled to payment of the amount recommended. However, by recommending any such payment DESIGN TEAM will not thereby be deemed to have represented that exhaustive or continuous on-site inspections have been made to check the quality or the quantity of the Work, or that the means, methods, techniques, sequences, and procedures of construction have been reviewed, or that any examination has been made to ascertain how or for what purpose CONTRACTOR has used the moneys paid or to be paid to CONTRACTOR on account of the Contract Price, or that title to any Work, materials or equipment has passed to OWNER free and clear of any Liens.
- C. DESIGN TEAM recommendation of final payment will constitute an additional representation by DESIGN TEAM to OWNER that the conditions precedent to CONTRACTOR'S being entitled to final payment as set forth in Paragraph 14.9 have been fulfilled.
- D. DESIGN TEAM may refuse to recommend the whole or any part of any payment if, in DESIGN TEAM opinion, it would be incorrect to make such representations to OWNER. DESIGN TEAM may also refuse to recommend any such payment, or, because of subsequently discovered evidence or the results of subsequent inspections or tests, nullify any such payment previously recommended, to such extent as may be necessary in DESIGN TEAM opinion to protect OWNER from loss because:
 - 1. The Work is defective, or completed Work has been damaged requiring correction or replacement,
 - 2. Written claims have been made against OWNER or Liens have been filed in connection with the Work,
 - 3. The Contract Price has been reduced because of Modifications,
 - 4. OWNER has been required to correct defective Work or complete the Work in accordance with Paragraph 13.9,
 - 5. Of CONTRACTOR'S unsatisfactory prosecution of the Work in accordance with the Contract Documents, or
 - 6. Of CONTRACTOR'S failure to make payment to Subcontractors for labor, materials or equipment.

14.5 Substantial Completion:

-
- A. When CONTRACTOR considers the entire Work ready for its intended use, CONTRACTOR shall, in writing to OWNER and DESIGN TEAM, certify that the entire Work is substantially complete and request that DESIGN TEAM issue a certificate of Substantial Completion. Within a reasonable time thereafter, OWNER, CONTRACTOR and DESIGN TEAM shall make an inspection of the Work to determine the status of completion. If DESIGN TEAM does not consider the Work substantially complete, DESIGN TEAM will notify CONTRACTOR in writing giving his reasons therefor. If DESIGN TEAM considers the Work substantially complete, DESIGN TEAM will prepare and deliver to OWNER a tentative certificate of Substantial Completion which shall fix the date of Substantial Completion. There shall be attached to the certificate a tentative list of items to be completed or corrected before final payment. OWNER shall have seven days after receipt of the tentative certificate during which OWNER may make written objection to DESIGN TEAM as to any provisions of the certificate or attached list. If, after considering such objections, DESIGN TEAM concludes that the Work is not substantially complete, DESIGN TEAM will within fourteen days after submission of the tentative certificate to OWNER notify CONTRACTOR in writing, stating his reasons therefor. If, after consideration of OWNER'S objections, DESIGN TEAM considers the Work substantially complete, DESIGN TEAM will within said fourteen days execute and deliver to OWNER and CONTRACTOR a definitive certificate of Substantial Completion (with a revised tentative list of items to be completed or corrected) reflecting such changes from the tentative certificate as DESIGN TEAM believes justified after consideration of any objections from OWNER. At the time of delivery of the tentative certificate of Substantial Completion DESIGN TEAM will deliver to OWNER and CONTRACTOR a written recommendation as to division of responsibilities pending final payment between OWNER and CONTRACTOR with respect to security, operation, safety, maintenance, heat, utilities and insurance. Unless OWNER and CONTRACTOR agree otherwise in writing and so inform DESIGN TEAM prior to his issuing the definitive certificate of Substantial Completion DESIGN TEAM aforesaid recommendation will be binding on OWNER and CONTRACTOR until final payment.
- B. OWNER shall have the right to exclude CONTRACTOR from the Work after the date of Substantial Completion, but OWNER shall allow CONTRACTOR reasonable access to complete or correct items in the tentative list.

14.6 Partial Utilization: Use by OWNER of completed portions of the Work may be accomplished prior to Substantial Completion of all the Work subject to the following:

- A. OWNER at any time may request CONTRACTOR in writing to permit OWNER to use any part of the Work which OWNER believes to be substantially complete and which may be used without significant interference with construction of the other parts of the Work. If CONTRACTOR agrees, CONTRACTOR will certify to OWNER and DESIGN TEAM that said part of the Work is substantially complete and request DESIGN TEAM to issue a certificate of Substantial Completion for that part of the Work. Within a reasonable time thereafter OWNER, CONTRACTOR and DESIGN TEAM shall make an inspection of that part of the Work to determine its status of completion. If DESIGN TEAM does not consider that part of the Work to be substantially complete, DESIGN TEAM will notify OWNER and CONTRACTOR in writing giving his reason therefor. If DESIGN TEAM considers that part of the Work to be substantially complete, DESIGN TEAM will execute and deliver to

OWNER and CONTRACTOR a certificate to that effect, fixing the date of Substantial Completion as to that part of the Work, attaching thereto a tentative list of items to be completed or corrected before final payment. Prior to issuing a certificate of Substantial Completion as to part of the Work, DESIGN TEAM will deliver to OWNER and CONTRACTOR a written recommendation as to the division of responsibilities pending final payment between OWNER and CONTRACTOR, with respect to security, operation, safety, maintenance, utilities and insurance for that part of the Work which shall become binding upon OWNER and CONTRACTOR at the time of issuing the definitive certificate of Substantial Completion as to that part of the Work, unless OWNER and CONTRACTOR shall have otherwise agreed in writing and so informed DESIGN TEAM. OWNER shall have the right to exclude CONTRACTOR from any part of the Work which DESIGN TEAM has so certified to be substantially complete, but OWNER shall allow CONTRACTOR reasonable access to complete or correct items on the tentative list.

- B. In lieu of the issuance of a Certificate of Substantial Completion as to part of the Work, OWNER may take over operation of a facility constituting part of the Work whether or not it is substantially complete if such facility is functionally and separately useable provided that prior to any such take over, OWNER and CONTRACTOR have agreed as to the division of responsibilities between OWNER and CONTRACTOR for security, operation, safety, maintenance, correction period, heat, utilities and insurance with respect to such facility.
- C. No occupancy of part of the Work or taking over of operations of a facility will be accomplished prior to compliance with the requirements of Paragraph 5.8, in respect of property insurance.

- 14.7 Final Inspection: Upon written notice from CONTRACTOR that the Work is complete, DESIGN TEAM will make a final inspection with OWNER and CONTRACTOR and will notify CONTRACTOR in writing of all particulars in which this inspection reveals that the Work is incomplete or defective. CONTRACTOR shall immediately take such measures as are necessary to remedy such deficiencies.
- 14.8 Final Application for Payment: After CONTRACTOR has completed all such corrections to the satisfaction of DESIGN TEAM and delivered all maintenance and operating instructions, schedules, guarantees, Bonds, certificates of inspection, marked up record documents, and other documents--all as required by the Contract Documents, and after DESIGN TEAM has indicated that the Work is acceptable (subject to the provisions of Paragraph 14.10) CONTRACTOR may make application for final payment following the procedure for progress payments. The final Application for Payment shall be accompanied by all documentation called for in the Contract Documents and such other data and schedules as DESIGN TEAM may reasonably require, together with complete and legally effective releases or waivers (satisfactory to OWNER) of all Liens arising out of or filed in connection with the Work. In lieu thereof and as approved by OWNER, CONTRACTOR may furnish receipts or releases in full as an affidavit of CONTRACTOR that the releases and receipts include all labor, services, material and equipment for which a Lien could be filed, and that all payrolls, material and equipment bills, and other indebtedness connected with the Work for which OWNER or his property might in any way be responsible, have been paid or otherwise satisfied and consent of the Surety, if any, to final payment. If any Subcontractor, manufacturer, fabricator, supplier or distributor fails to furnish a release or receipt in full, CONTRACTOR may furnish a Bond or other collateral satisfactory to OWNER to indemnify OWNER against any Lien.

14.9 Final Payment and Acceptance:

- A. If, on the basis of DESIGN TEAM observation of the Work during construction and final inspection and DESIGN TEAM review of the final Application for Payment and accompanying documentation -- all as required by the Contract Documents, DESIGN TEAM is satisfied that the Work has been completed and CONTRACTOR has fulfilled all of his obligations under the Contract Documents, DESIGN TEAM will, within ten days after receipt of the final Application for Payment, indicate in writing his recommendation of payment and present the Application to OWNER for payment. Thereupon DESIGN TEAM will give written notice to OWNER and CONTRACTOR that the Work is acceptable subject to the provisions of Paragraph 14.11. Otherwise, DESIGN TEAM will return the Application to CONTRACTOR indicating in writing the reasons for refusing to recommend final payment in which case CONTRACTOR shall make the necessary corrections and resubmit the Application. If the Application and accompanying documentation are appropriate as to form and substance, OWNER shall, within forty-five days after receipt thereof, pay CONTRACTOR the amount recommended by DESIGN TEAM.
- B. If, through no fault of CONTRACTOR, final completion is materially delayed and if DESIGN TEAM so confirms, OWNER shall, upon receipt of CONTRACTOR'S final Application for Payment and recommendation of DESIGN TEAM, and without terminating the Agreement, make payment of the balance due for that portion of the Work fully completed and accepted. If the remaining balance to be held by OWNER for Work not fully completed or corrected is less than the retainage stipulated in the Agreement, and if Bonds have been furnished as required in Paragraph 5.1, the written consent of the Surety to the payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by CONTRACTOR to DESIGN TEAM with his Application for such payment. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of claims.

14.10 Contractor's Continuing Obligation: CONTRACTOR'S obligation to perform and complete the Work in accordance with the Contract Documents shall be absolute. Neither recommendation of any progress or final payment by DESIGN TEAM, nor the issuance of a certificate of Substantial Completion, nor any payment by OWNER to CONTRACTOR under the Contract Documents, nor any use or occupancy of the Work or any part thereof by OWNER, nor any act of acceptance by OWNER nor any failure to do so, nor the issuance of a notice of acceptability by DESIGN TEAM pursuant to Paragraph 14.9, nor any correction of defective Work by OWNER shall constitute an acceptance of Work not in accordance with the Contract Documents or a release of CONTRACTOR'S obligation to perform the Work in accordance with the Contract Documents.

14.11 Waiver of Claims: The making and acceptance of final payment shall constitute:

- A. A waiver of all claims by OWNER against CONTRACTOR, except claims arising from unsettled Liens, from defective Work appearing after final inspection pursuant to Paragraph 14.7 or from failure to comply with the Contract Documents or the terms of any special guarantees specified therein: however it shall not constitute a waiver by the OWNER of any rights in respect of CONTRACTOR'S continuing obligations under the Contract Documents; and

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- B. A waiver of all claims by CONTRACTOR against OWNER other than those previously made in writing and still unsettled.

ARTICLE 15 - SUSPENSION OF WORK AND TERMINATION

15.1 Owner May Suspend Work: OWNER may, at any time and without cause, suspend the Work or any portion thereof for a period of not more than ninety days by notice in writing to CONTRACTOR and DESIGN TEAM which shall fix the date on which Work shall be resumed. CONTRACTOR shall resume the Work on the date so fixed. CONTRACTOR will be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to any suspension if he makes a claim therefor as provided in Articles 11 and 12.

15.2 Owner May Terminate:

- A. Upon the occurrence of any one or more of the following events:
1. If CONTRACTOR is adjudged as bankrupt or insolvent,
 2. If CONTRACTOR makes a general assignment for the benefit of creditors,
 3. If a trustee or receiver is appointed for CONTRACTOR or for any of CONTRACTOR'S property,
 4. If CONTRACTOR files a petition to take advantage of any debtor's act, or to reorganize under the bankruptcy or similar laws,
 5. If CONTRACTOR repeatedly fails to supply sufficient skilled Workmen or suitable materials or equipment,
 6. If CONTRACTOR repeatedly fails to make prompt payments to Subcontractors or for labor, materials or equipment,
 7. If CONTRACTOR disregards laws, ordinances, rules, regulations or orders of any public body having jurisdiction,
 8. If CONTRACTOR disregards the authority of DESIGN TEAM, or
 9. If CONTRACTOR otherwise violates in any substantial way any provisions of the Contract Documents,

OWNER may, after giving CONTRACTOR and his Surety seven days' written notice, terminate the services of CONTRACTOR, exclude CONTRACTOR from the site and take possession of the Work and of all CONTRACTOR'S tools, appliances, construction equipment and machinery at the site and use the same to the full extent they could be used by CONTRACTOR (without liability to CONTRACTOR for trespass or conversion), incorporate in the Work all materials and equipment stored at the site or for which OWNER has paid CONTRACTOR but which are stored elsewhere, and finish the Work as OWNER may deem expedient. In such case CONTRACTOR shall not be entitled to receive any further payment until the Work is finished. If the unpaid balance of the Contract Price exceeds the direct and indirect costs of completing the Work, including compensation for additional professional services, such excess shall be paid to CONTRACTOR. If such costs exceed such unpaid balance, CONTRACTOR shall pay the difference to OWNER. Such costs incurred by OWNER shall be verified by DESIGN TEAM and incorporated in a Change Order, but in finishing the work OWNER shall not be required to obtain the lowest figure for the Work performed.

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- B. Where CONTRACTOR'S services have been so terminated by OWNER, the termination shall not affect any rights of OWNER against CONTRACTOR then existing or which may thereafter accrue. Any retention or payment of moneys due CONTRACTOR by OWNER will not release CONTRACTOR from liability.
- C. Upon seven days' written notice to CONTRACTOR and DESIGN TEAM, OWNER may, without cause and without prejudice to any other right or remedy, elect to abandon the Work and terminate the Agreement. In such case, CONTRACTOR shall be paid for all Work executed and any expense sustained plus reasonable termination expenses.
- 15.3 Contractor May Stop Work or Terminate: If, through no act or fault of CONTRACTOR, the Work is suspended for a period of more than ninety days by OWNER or under an order of court or other public authority, or DESIGN TEAM fails to act on any Application for Payment within thirty days after it is submitted, or OWNER fails for forty-five days to pay CONTRACTOR any sum finally determined to be due, then CONTRACTOR may, upon seven days' written notice to OWNER and DESIGN TEAM, terminate the Agreement and recover from OWNER payment for all Work executed and any expense sustained plus reasonable termination expenses. In addition and in lieu of terminating the Agreement, if DESIGN TEAM has failed to act on an Application for Payment or OWNER has failed to make any payment as aforesaid, CONTRACTOR may upon seven days' written notice to OWNER and DESIGN TEAM stop the Work until payment of all amounts then due. The provision of this paragraph shall not relieve CONTRACTOR of his obligations under Paragraph 6.14 to carry on the Work in accordance with the progress schedule and without delay during disputes and disagreements with OWNER.

ARTICLE 16 - DISPUTE RESOLUTION

- 16.1 Unless otherwise provided in the Supplementary Conditions, all claims, disputes and other matters in question between OWNER and CONTRACTOR arising out of, or relating to the Contract Documents or the breach thereof, except for claims which have been waived by the making or acceptance of final payment as provided by Paragraph 14.11, shall be decided by the courts of the jurisdiction in which the Project is located.
- 16.2 In the case of any dispute that is required to be referred to DESIGN TEAM initially for decision in accordance with Paragraph 9.6, no legal proceeding shall be instituted prior to the earlier of (a) the date on which DESIGN TEAM has rendered a decision, or (b) the tenth day after the parties have presented their evidence to DESIGN TEAM.

ARTICLE 17 - MISCELLANEOUS

- 17.1 Giving Notice: Whenever any provision of the Contract Documents requires the giving of written notice it shall be deemed to have been validly given if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or if delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the giver of notice.
- 17.2 Computation of Time: When any period of time is referred to in the Contract Documents by days, it shall be computed to exclude the first and include the last day of such period. If the last day of any

such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day shall be omitted from the computation.

17.3 General:

- A. Should OWNER suffer injury or damage to his person or property because of any error, omission or act of the CONTRACTOR or of any of the CONTRACTOR'S employees or agents or others for whose acts the CONTRACTOR is legally liable, claim shall be made in writing to the CONTRACTOR within a reasonable time of the first observance of such injury or damage.
- B. The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto, and, in particular but without limitation, the warranties, guarantees and obligations imposed upon CONTRACTOR, by Paragraphs 6.15, 13.1, 13.6, 13.9, 14.3 and 15.2 and all of the rights and remedies available to OWNER and DESIGN TEAM thereunder, shall be in addition to, and shall not be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by law or contract, by special warranty or guarantee or by other provisions of the Contract Documents, and the provisions of this Paragraph shall be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right and remedy to which they apply. All representations, warranties and guarantees made in the Contract Documents shall survive final payment and termination or completion of this Agreement.

17.4 Headings: The Article and Paragraph headings are inserted for convenience only and do not constitute part of these General Conditions.

Company	License	Bid Bond	Project Cost	3.5% Tax	Base Bid	Alternate #1	Alternate #2	Alternate #3	Base Bid + Alternate #2 *
Southern	09269-MC	Bid Bond/CR	\$ 1,619,749.00	\$ 58,747.40	\$1,678,497.14	\$290,400.00	\$130,900.00	\$28,000.00	\$1,809,397.14
McInnis	23866-MC	Bid Bond/CR	\$ 1,708,992.00	\$ 62,055.00	\$1,771,047.00	\$310,927.00	\$176,210.00	\$31,917.00	\$1,947,257.00
Webster	12259-MC	Bid Bond/CR	\$ 1,734,180.00	\$ 62,950.73	\$1,797,130.73	\$308,300.00	\$134,800.00	\$23,000.00	\$1,931,930.73
Robinson	11188-MC	Bid Bond/CR	\$ 1,944,000.00	\$ 68,040.00	\$2,012,040.00	\$385,900.00	\$248,831.00	\$42,260.00	\$2,260,871.00
Weaver	18960-MC	Bid Bond/CR	\$ 2,140,370.00	\$ 77,630.00	\$2,218,000.00	\$305,000.00	\$234,350.00	\$40,000.00	\$2,452,350.00

10 Fields Lighting 2 Additional Fields 10 Fields/Cameras * 10 Fields Lighting with 10 Fields Camera System
2 cameras (behind home and behince center field)



**“Cornerstone Sports Complex”
Starkville, MS**



**Southern Electric Corporation of MS
Electrical Contractor**



SOUTHERN ELECTRIC CORPORATION of MS

4374-A Mangum Drive

P.O. Box 320398

Flowood, MS 39232

Phone: (601) 939-2333

Fax: (601) 939-2261

Proposal Table of Contents

Description

Signed Proposal Checklist

Signed Proposal Form

Lighting Design

Camera Design

Projects of Similar Scope in Last 3 Years & Contact Info

Detailed Product Information

Warranty Information

Statement of Vendor's Qualifications

Signed Affidavit

Indemnification

Acknowledgement of Addenda



SOUTHERN ELECTRIC CORPORATION of MS

4374-A Mangum Drive

P.O. Box 320398

Flowood, MS 39232

Phone: (601)939-2333

Fax: (601)939-2261

Signed Proposal Checklist

The information supplied herein shall be used for the purpose of complying with the specifications for Cornerstone Park project. By signing below I agree that all requirements of the specifications have been met and that the manufacturer will be responsible for any future costs incurred to bring their equipment into compliance for all items not meeting specifications and not listed in the Non-Compliance section.

Manufacturer: Musco Sports Lighting, LLC

Signature: _____

Contact Name: Dennis Mulligan

Date: 08 / 19 / 20

Contractor: Southern Electric Corporation of Mississippi

Signature: 

**PROPOSAL CHECKLIST
FOR THE CITY OF STARKVILLE
CORNERSTONE SPORTS COMPLEX LIGHTING**

BIDDERS:

Name of Firm:

Southern Electric Corporation of Mississippi

YOU ARE REQUIRED TO COMPLETE THIS CHECKLIST AND INCLUDE IT WITH YOUR PROPOSAL.

YOUR PROPOSAL PACKAGE MUST INCLUDE ONE ORIGINAL OF THE FOLLOWING ITEMS IN THE ORDER SPECIFIED:

- ☒ 1. SIGNED PROPOSAL CHECKLIST
- ☒ 2. SIGNED PROPOSAL FORM
- ☒ 3. LIGHTING DESIGN
- ☒ 4. PROJECTS OF SIMILAR SCOPE IN LAST 3 YEARS & CONTACT INFO.
- ☒ 5. DETAILED PRODUCT INFORMATION
- ☒ 6. WARRANTY INFORMATION ~ including all terms and conditions.
- ☒ 7. STATEMENT OF VENDOR'S QUALIFICATIONS
- ☒ 8. SIGNED AFFIDAVIT
- ☒ 9. INDEMNIFICATION
- ☒ 10. ACKNOWLEDGMENT OF ADDENDA



SOUTHERN ELECTRIC CORPORATION of MS

4374-A Mangum Drive

P.O. Box 320398

Flowood, MS 39232

Phone: (601)939-2333

Fax: (601)939-2261

Signed Proposal Form

Required Form

**PROPOSAL FORM FOR CORNERSTONE SPORTS COMPLEX LIGHTING
TO BE RECEIVED NO LATER THAN 10:00 AM, CST
August 20, 2020**

DELIVER TO:

Contact name: Lesa Hardin
Mailing Address: City Clerk
110 W Main St
Starkville, MS 39759
Due Date: August 20, 2020
Due Time: 10:00 AM

Southern Electric Corporation of Mississippi

Name of Firm:

Having carefully examined the Proposal Invitation Letter, the General Conditions, and the Request for Proposal for Sports Field Lighting, any addenda, and conditions affecting the work, the undersigned proposes to provide the required materials, services, warranties, and delivery as specified in the attached proposal for the total sum not to exceed:

Project Cost \$ 1,619,749.74

3.5% (contractor MPC) MS Sales Tax \$ 58,747.40

Total Lump Sum Cost (Tax Included) \$ 1,678,497.14

(8) Baseball/Softball Fields 225'

(2) Baseball Fields 250'

T-Ball Area

Alternate #1: (2) Baseball/Softball Fields 225' (Tax Included) \$ 290,400.00

Alternate #2: Total Lump Sum (Tax Included) Automated Sports Broadcasting \$ 130,900.00
Lump Sum Cost Camera System (8) fields at 225' field
Lump Sum Cost Camera System (2) fields at 250' field
T-Ball Area

Alternate #3: Total Lump Sum Automated Sports Broadcasting (Tax Included) \$ 28,000.00
Lump Sum Cost Camera System (2) fields at 225'

Once order is placed – Number of days before equipment arrives on site: 28
Respectfully Submitted,

Southern Electric Corporation of Mississippi

Name of Firm

4374-A Mangum Drive, Flowood, MS 39232

Address of Firm

Dennis Mulligan

Senior Estimating Department Manager

Print Name

Title



Signature

Dennis Mulligan, Senior Estimating Department Manager

Name and Title of Vendor's Representative who will service contract

(769) 777-4211

Telephone #(s) of Vendor's Representative

Dennis.Mulligan@secofms.com

Email address of Vendor's Representative

BID BOND

CONTRACTOR:

(Name, legal status and address)

Southern Electric Corporation of Mississippi, Inc.
4374A Mangum Drive
Flowood, MS 39232

SURETY:

(Name, legal status and principal place of business)

RLI Insurance Company
9025 N. Lindbergh Dr.
Peoria, IL 61615

OWNER:

(Name, legal status and address)

The City of Starkville, Mississippi
110 West Main Street
Starkville, MS 39759

BOND AMOUNT: 5% of the attached bid amount***

PROJECT:

(Name, location or address, and Project number, if any)

Sports Field Lighting
for the Cornerstone Sports Complex
City of Starkville

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 20th day of August, 2020.

Michael Miller
(Witness)

Southern Electric Corporation of Mississippi, Inc.
(Principal)

Steve Weaver, President
(Title)



Amel Baxley
(Witness)

RLI Insurance Company
(Surety)

(Seal)

B. Doyle Campbell, Attorney-in-fact
(Title)

POWER OF ATTORNEY

RLI Insurance Company Contractors Bonding and Insurance Company

9025 N. Lindbergh Dr. Peoria, IL 61615
Phone: 800-645-2402

Know All Men by These Presents:

That this Power of Attorney is not valid or in effect unless attached to the bond which it authorizes executed, but may be detached by the approving officer if desired.

That **RLI Insurance Company and/or Contractors Bonding and Insurance Company**, each an Illinois corporation, (separately and together, the "Company") do hereby make, constitute and appoint:

B. Doyle Campbell, Tracy Vancleave, jointly or severally

in the City of Mobile, State of Alabama its true and lawful Agent(s) and Attorney(s) in Fact, with full power and authority hereby conferred, to sign, execute, acknowledge and deliver for and on its behalf as Surety, in general, any and all bonds and undertakings in an amount not to exceed Twenty Five Million Dollars (\$25,000,000.00) for any single obligation.

The acknowledgment and execution of such bond by the said Attorney in Fact shall be as binding upon the Company as if such bond had been executed and acknowledged by the regularly elected officers of the Company.

RLI Insurance Company and/or Contractors Bonding and Insurance Company, as applicable, have each further certified that the following is a true and exact copy of a Resolution adopted by the Board of Directors of each such corporation, and is now in force, to-wit:

"All bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or Agents who shall have authority to issue bonds, policies or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile."

IN WITNESS WHEREOF, the **RLI Insurance Company and/or Contractors Bonding and Insurance Company**, as applicable, have caused these presents to be executed by its respective Vice President with its corporate seal affixed this 27th day of July, 2020.



RLI Insurance Company
Contractors Bonding and Insurance Company

By: B. W. Davis
Barton W. Davis Vice President

State of Illinois }
County of Peoria } SS

On this 27th day of July, 2020, before me, a Notary Public, personally appeared Barton W. Davis, who being by me duly sworn, acknowledged that he signed the above Power of Attorney as the aforesaid officer of the **RLI Insurance Company and/or Contractors Bonding and Insurance Company** and acknowledged said instrument to be the voluntary act and deed of said corporation.

By: Catherine D. Glover
Catherine D. Glover Notary Public



CERTIFICATE

I, the undersigned officer of **RLI Insurance Company and/or Contractors Bonding and Insurance Company**, do hereby certify that the attached Power of Attorney is in full force and effect and is irrevocable; and furthermore, that the Resolution of the Company as set forth in the Power of Attorney, is now in force. In testimony whereof, I have hereunto set my hand and the seal of the **RLI Insurance Company and/or Contractors Bonding and Insurance Company** this 20th day of August, 2020.

RLI Insurance Company
Contractors Bonding and Insurance Company

By: Jeffrey D. Fick
Jeffrey D. Fick Corporate Secretary



SOUTHERN ELECTRIC CORPORATION of MS

4374-A Mangum Drive

P.O. Box 320398

Flowood, MS 39232

Phone: (601) 939-2333

Fax: (601) 939-2261

Clarifications

- The attached pricing is based on building electrical contractor stubbing conduit for sports lighting 10 foot outside of the building.
- The attached pricing is based on standard soil conditions – rock, bottomless, wet or unsuitable soil may require additional engineering, special installation methods and additional cost.
- The attached pricing does not include any allowances.
- The attached pricing does not include any engineering fees.
- The attached pricing is based on the installation of conduit and wiring from the control cabinet to the sports lighting poles only. All other conduit and wire, electrical distribution is by others.
- Price assumes that a lay down area is provided, and all sports lighting material can be delivered in one shipment. If additional deliveries are required additional fees will apply.
- Price assumes that all civil work complete and all fields are to grade ready for pole installation.
- On-going internet service required to meet minimum bandwidth requirements for system operations provided by owner
 - o 25 Mbps upload speed per set of 4 fields in each concession stand.



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Lighting Design

MUSCO LIGHTING PROPOSAL

PREPARED FOR:

Cornerstone Park Athletic Complex

Lighting Project
Starkville, MS
August 7, 2020

Project #195501

Submitted by:

Musco Sports Lighting, LLC

Attn: Treavor Ruckles
2107 Stewart Road
Muscatine, Iowa 52761

Toll Free: 800-756-1205
Fax: 800-374-6402





Company Profile:

Since 1976, Musco Sports Lighting, LLC (Musco/Musco Sports Lighting) has been providing sports lighting systems. Musco's mission has been to provide sports field and large area lighting solutions for public and private entities throughout the United States of America and internationally.

Musco has been the industry leader in developing an industry leading lighting system that provides high quality on field performance and environmental sensitivity to the surrounding area. Energy efficiency, spill and glare control, and field management solutions have been our staple for success in the industry.

Throughout the history of Musco, we have had the pleasure of being the recipient of an Academy Award®, Emmy® Award and the Paul Waterbury Award for Excellence for Outdoor Lighting. Musco has also developed partnerships with Little League International and the United States Soccer Foundation, to name a couple.

Musco has offices and manufacturing facilities in Oskaloosa, IA and Muscatine, IA. We have a workforce of approximately 1,000 Team Members located in these facilities and regional sales offices conveniently located around the United States of America (AZ, CA, CO, FL, IL, IN, MN, NJ, NC, OH, TX & VA). In addition, we have approximately 200 Team Members located outside the United States of America supporting our manufacturing facilities in Shanghai, China and Gumi, South Korea and multiple sales offices globally.

At Musco, we ensure that every member of our Lighting Services team is a sports lighting expert so you don't have to be. With more than 40 years as the sports-lighting industry leader, our Team Members will bring our vast experience to your fields. Regionally based for quick response, they specialize in routine maintenance, repairs, and analysis of any sportslighting system.

Along with our Lighting Services team, we have a fully staffed group of internal experts: Sales Representatives, Service Representatives, Parts Representatives, Project Coordinators, Project Planning Specialist, Schedulers, and Engineers. They will ensure your project flows smoothly and you get the results you expect. Another key part of our team is Control-Link Central™. Staffed 24/7, this team oversees on/off control, monitoring, and management of sports fields around the USA and globally.



To Whom it May Concern,

I'm writing to provide information about my experience working with Musco Lighting on a Sports Lighting renovation project in Richland, MS.

After looking at ways our city could become more energy efficient, sports lighting was one of the ways that stood out. After looking into a few different companies, speaking with other cities who had already began transitioning their sports lighting over to LED, we knew Musco was the way to go. That project allowed us to reduce our energy cost by around 60%.

We are currently working on a project of adding two more multi-purpose fields to our facilities. After going through the evaluation and review process, we chose Musco for several reasons including:

1. The ability of their LED system to reduce glare and light spill was the best among all options.
2. Their 25 year warranty covering all parts and labor eliminates maintenance costs and saves valuable staffing time that would be spent in coordinating any needed repairs during the useful life of the system.
3. Their experience and expertise in sports lighting is the best in the industry, as evidenced by their reference list of numerous professional sports stadiums both within the United States and internationally.

Just as import as the product itself, is also the product managers. Working with Gerry Logan has made the process even easier and seeing the tremendous difference in their LED lighting, only solidifies our decision to go with Musco Sports Lighting.

Thank you,

Cole Smith

City of Richland
Director of Parks and Recreation



**DEPARTMENT OF
LEISURE SERVICES**

P.O. Box 1780
Gulfport, MS 39502
Phone: 228-868-5881
Fax: 228-868-5883

August 4, 2020

Jones Building
1422 23rd Avenue
Gulfport, MS 39501

To Whom it May Concern,

I'm writing to provide information about my experience working with Musco Lighting on our new baseball/softball fields project at the Gulfport Sportsplex.

This project involved constructions of six synthetic turf baseball/softball fields with state-of-the-art field lighting—provided by Musco. For the sports field lighting we needed a trusted supplier that we knew would deliver on all the values and features that our planning team determined were vital to the project.

We evaluated multiple manufacturers who could provide an LED system at our facility. After going through the evaluation and review process, we chose Musco for several reasons including:

1. The ability of their LED system to reduce glare and light spill was the best among all options.
2. Their 25-year warranty covering all parts and labor eliminates maintenance costs and saves valuable staffing time that would be spent in coordinating any needed repairs during the useful life of the system.
3. Their experience and expertise in sports lighting is the best in the industry, as evidenced by their reference list of numerous professional sports stadiums both within the United States and internationally.

Equally important was the project management of the Musco team. Musco delivered on everything they promised while ensuring the project stayed on time and within budget. They've also provided outstanding customer service post construction.

Now that I've seen the performance of the new lighting system in person, it only reinforces that we made the right decision with Musco.

Respectfully,

A handwritten signature in black ink, appearing to read "Gus Wesson", written in a cursive style.

Gus Wesson, Director



8/5/2020

Reference letter for Musco Lighting

I'm writing to provide information about my experience working with Musco Lighting on our football field project at Delta State University. We replaced our entire existing system with Musco's new LED lighting. It required navigation and assessment of tornado damage and installing a complete system of poles, fixtures, and circuitry. We were working within a small window to accomplish completion and we knew a trusted supplier would be necessary to deliver on all values and features we felt were vital to the project. Musco met agreed upon deadlines with some time to spare.

We evaluated multiple manufacturers who could provide an LED system at our facility. After review, we chose Musco for several reasons:

- 1) Prior positive installation experiences on other athletic fields on our campus
- 2) New Musco technology to reduce glare and spill was impressive
- 3) Their 25 year warranty covering all parts and labor eliminates future maintenance costs and saves valuable staffing time that would be spent coordinating needed repairs during the life of the system.
- 4) Their reputation, experience and expertise in sports lighting is verified by numerous professional sports and major college stadiums in both the United States and internationally.

Equally important was the project management of the Musco contact Gerry Logan. I found Gerry cooperative, approachable, knowledgeable, and determined to satisfy our needs. He insured the project stayed on time and within budget. The performance of the new lighting system has not disappointed and I am satisfied that our job was professionally done with no corners cut.

Thank you,

Mike Kinnison

MIKE KINNISON

ATHLETIC DIRECTOR



(662) 846-4300 | (662) 719-9154 | mkinnsn@deltastate.edu

DSU Box A3 | Chadwick-Dickson FH | Cleveland, MS 38733

@kinnison_mike | www.GoStatesmen.com | @DSUStatesmen

Nine NCAA &
A.I.A.W.
National
Championships

51 GSC & NSISC
Conference
Championships



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A. LETTER / CHECKLIST

REQUIRED SUBMITTAL INFORMATION FOR ALL MANUFACTURERS (NOT PRE-APPROVED) 10 DAYS PRIOR TO BID

All items listed below are mandatory, shall comply with the specification and be submitted according to pre-bid submittal requirements. Complete the Yes/No column to indicate compliance (Y) or noncompliance (N) for each item. Submit checklist below with submittal.

Yes/ No	Tab	Item	Description
Yes	A	Letter/ Checklist	Listing of all information being submitted must be included on the table of contents. List the name of the manufacturer's local representative and his/her phone number. Signed submittal checklist to be included.
Yes	B	Equipment Layout	Drawing(s) showing field layouts with pole locations
Yes	C	On Field Lighting Design	Lighting design drawing(s) showing: a. Field Name, date, file number, prepared by b. Outline of field(s) being lighted, as well as pole locations referenced to the center of the field (x & y), Illuminance levels at grid spacing specified c. Pole height, number of fixtures per pole, horizontal and vertical aiming angles, as well as luminaire information including wattage, lumens and optics d. Height of light test meter above field surface. e. Summary table showing the number and spacing of grid points; average, minimum and maximum illuminance levels in foot candles (fc); uniformity including maximum to minimum ratio, coefficient of variance (CV), coefficient of utilization (CU) uniformity gradient; number of luminaires, total kilowatts, average tilt factor; light loss factor.
Yes	D	Off Field Lighting Design	Lighting design drawing showing initial spill light levels along the boundary line (defined on bid drawings) in footcandles. Lighting design showing glare along the boundary line in candela. Light levels shall be taken at 30-foot intervals along the boundary line. Readings shall be taken with the meter orientation at both horizontal and aimed towards the most intense bank of lights.
Yes	E	Photometric Report	Provide first page of photometric report for all luminaire types being proposed showing candela tabulations as defined by IESNA Publication LM-35-02. Photometric data shall be certified by laboratory with current National Voluntary Laboratory Accreditation Program or an independent testing facility with over 5 years experience.
Yes	F	Performance Guarantee	Provide performance guarantee including a written commitment to undertake all corrections required to meet the performance requirements noted in these specifications at no expense to the owner. Light levels must be guaranteed to not fall below target levels for warranty period.
Yes	G	Structural Calculations	Pole structural calculations and foundation design showing foundation shape, depth backfill requirements, rebar and anchor bolts (if required). Pole base reaction forces shall be shown on the foundation drawing along with soil bearing pressures. Design must be stamped by a structural engineer in the state of MS.
Yes	H	Control & Monitoring System	Manufacturer of the control and monitoring system shall provide written definition and schematics for automated control system. They will also provide 10 references of customers currently using proposed system in the state of MS.
Yes	I	Electrical Distribution Plans	Manufacturer bidding an alternate product must include a revised electrical distribution plan including changes to service entrance, panels and wire sizing, signed by a licensed Electrical Engineer in the state of MS.
Yes	J	Warranty	Provide written warranty information including all terms and conditions. Provide ten (10) references of customers currently under specified warranty in the state of MS. Provide a method statement detailing how you plan to execute on the long term warranty. Provide detail on the team executing on the warranty.
Yes	K	Project References	Manufacturer to provide a list of 10 projects where the technology and specific fixture proposed for this project has been installed in the state of MS. Reference list will include project name, project city, installation date, and if requested, contact name and contact phone number.
Yes	L	Product Information	Complete bill of material and current brochures/cut sheets for all product being provided.
Yes	M	Delivery	Manufacturer shall supply an expected delivery timeframe from receipt of approved submittals and complete order information.
Yes	N	Non-Compliance	Manufacturer shall list all items that do not comply with the specifications. If in full compliance, tab may be omitted.
Yes	O	Cost of Ownership	Document cost of ownership as defined in the specification. Identify energy costs for operating the luminaires. Maintenance cost for the system must be included. All costs should be based on 25 Years
Yes	P	Environmental Light Control Design	Environmental glare impact scans must be submitted showing the maximum candela from the field edge on a map of the surrounding area until 500 candela or less is achieved.

The information supplied herein shall be used for the purpose of complying with the specifications for Cornerstone Park project. By signing below I agree that all requirements of the specifications have been met and that the manufacturer will be responsible for any future costs incurred to bring their equipment into compliance for all items not meeting specifications and not listed in the Non-Compliance section.

Manufacturer: Musco Sports Lighting, LLC

Signature: 

Contact Name: Brandon Grunder

Date: 08 / 07 / 2020

Contractor: _____

Signature: _____

Corporate: 100 1st Ave West - PO Box 808 - Oskaloosa, IA 52577 - 641/673-0411 - 800/825-6020 - Fax: 641/673-4852
Manufacturing: 2107 Stewart Road - PO Box 260 - Muscatine, IA 52761 - 563/263-2281 - 800/756-1205 - Fax: 800/374-6402
Web: www.musco.com - **Email:** lighting@musco.com



Manufacturer Information:

Proposer Legal Name:	Musco Sports Lighting, LLC
Proposer Address:	100 1st Ave West PO Box 808 Oskaloosa, IA 52577
Proposer website address:	www.musco.com
Proposer's primary contact for this proposal	Brandon Grunder Sales Representative Musco Sports Lighting, LLC 2107 Stewart Road Muscatine, IA 52761 Phone: 563.554.4928 Email: Brandon.grunder@musco.com
Proposer's secondary contact for this proposal	Jim Freie Sales Manager Musco Sports Lighting, LLC 2107 Stewart Road Muscatine, IA 52761 Phone: 563.260.0995 Email: jim.freie@musco.com
Proposer's secondary contact for this proposal	Chris Harbour Project Manager Musco Sports Lighting, LLC 100 1st Ave West PO Box 808 Oskaloosa, IA 52577 Phone: 800-825-6030 Email: chris.harbour@musco.com



B. EQUIPMENT LAYOUT

Cornerstone Park Athletic Complex
Starkville, MS

EQUIPMENT LAYOUT

INCLUDES:

- Baseball 1
- Baseball 10
- Baseball 11
- Baseball 12
- Baseball 2
- Baseball 3
- Baseball 4
- Baseball 5
- Baseball 6
- Baseball 7
- Baseball 8
- Baseball 9
- T-ball

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

EQUIPMENT LIST FOR AREAS SHOWN						
Pole				Luminaires		
QTY	LOCATION	CLASS	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE
1	A1	LSS70C	-	70'	TLC-LED-1500	1/1*
				70'	TLC-LED-900	1*
				15.5'	TLC-BT-575	1/1*
				70'	TLC-LED-1200	2/1*
3	A2-A4	LSS70C	-	70'	TLC-LED-1200	2/2*
				15.5'	TLC-BT-575	1/1*
				70'	TLC-LED-1500	1/1*
				70'	TLC-LED-1200	1/1*
2	A5, A7	LSS70C	-	70'	TLC-LED-1500	1
				15.5'	TLC-BT-575	1/1*
				70'	TLC-LED-1200	2/3*
				70'	TLC-LED-1500	1/1*
1	A6	LSS70C	-	70'	TLC-LED-1500	1/1*
				15.5'	TLC-BT-575	1/1*
				70'	TLC-LED-1200	2/2*
				70'	TLC-LED-1500	1
1	A8	LSS70B	0'	70'	TLC-LED-1500	1/1*
				15.5'	TLC-BT-575	1/1*
				70'	TLC-LED-1200	2/3*
				70'	TLC-LED-1500	1/1*
1	A9	LSS70B	0'	70'	TLC-LED-1500	1/1*
				15.5'	TLC-BT-575	1/1*
				70'	TLC-LED-1200	2/2*
				70'	TLC-LED-1500	1/1*
1	A10	LSS70B	-	70'	TLC-LED-1500	1/1*
				15.5'	TLC-BT-575	1/1*
				70'	TLC-LED-1200	2/2*
				70'	TLC-LED-1500	1*
1	A11	LSS70B	-	70'	TLC-LED-1500	1*
				15.5'	TLC-BT-575	1/1*
				70'	TLC-LED-1200	3/2*
				70'	TLC-LED-1200	1/1*
1	A12	LSS70C	-	15.5'	TLC-BT-575	1/1*
				70'	TLC-LED-1200	3/3*
				70'	TLC-LED-1500	5
				70'	TLC-LED-600	1
19	B1-B9 B11-B12 B15-B18 B20-B23	LSS70C	-	70'	TLC-LED-1500	5
				70'	TLC-LED-600	1
				15.5'	TLC-BT-575	2
				70'	TLC-LED-1200	1
1	B10	LSS70C	-	70'	TLC-LED-1200	1
				15.5'	TLC-BT-575	2
				70'	TLC-LED-1500	5
				70'	TLC-LED-1500	1/1*
1	B13	LSS70C	0'	15.5'	TLC-BT-575	1/1*
				70'	TLC-LED-1500	5/5*
				70'	TLC-LED-1500	5
				70'	TLC-LED-1500	1
2	B14, B19	LSS70B	-	15.5'	TLC-BT-575	1
				70'	TLC-LED-1500	5
				70'	TLC-LED-1200	3
				70'	TLC-LED-1200	1
4	C1-C4	LSS70AA	-	15.5'	TLC-BT-575	1
				70'	TLC-LED-1200	3
				50'	TLC-LED-1200	2
				50'	TLC-LED-900	1
1	P3	LSS50AB	-	50'	TLC-LED-1200	6
42	TOTALS					308

* This structure utilizes a back-to-back mounting configuration

SINGLE LUMINAIRE AMPERAGE DRAW CHART							
Ballast Specifications (.90 min power factor)		Line Amperage Per Luminaire (max draw)					
Single Phase Voltage		208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	480 (60)
TLC-LED-1200		7.0	6.6	6.1	5.2	4.2	4.0
TLC-LED-1500		8.5	8.1	7.4	6.4	5.1	4.7
TLC-LED-900		3.4	3.2	3.0	2.6	2.0	1.9
TLC-LED-600		5.3	5.0	4.6	4.0	3.2	2.9
TLC-BT-575		3.4	3.2	2.9	2.5	2.0	1.8

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Pole location(s) ⚓ dimensions are relative to 0,0 reference point(s) ⊗



C. ON FIELD LIGHTING DESIGN

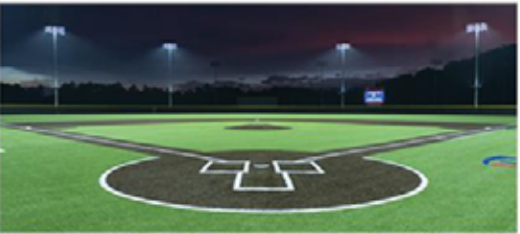
Cornerstone Park Athletic Complex

Starkville,MS

Lighting System

Pole / Fixture Summary						
Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
A1	70'	70'	2	TLC-LED-1200	2.34 kW	C
		70'	1	TLC-LED-1500	1.43 kW	C
		16'	1	TLC-BT-575	0.58 kW	C
		70'	1	TLC-LED-1200	1.17 kW	B
		70'	1	TLC-LED-1500	1.43 kW	B
		70'	1	TLC-LED-900	0.89 kW	B
A2	70'	16'	1	TLC-BT-575	0.58 kW	B
		70'	2	TLC-LED-1200	2.34 kW	D
		70'	1	TLC-LED-1500	1.43 kW	D
		16'	1	TLC-BT-575	0.58 kW	D
		70'	2	TLC-LED-1200	2.34 kW	C
		70'	1	TLC-LED-1500	1.43 kW	C
A3	70'	16'	1	TLC-BT-575	0.58 kW	C
		70'	2	TLC-LED-1200	2.34 kW	D
		70'	1	TLC-LED-1500	1.43 kW	D
		16'	1	TLC-BT-575	0.58 kW	D
		70'	2	TLC-LED-1200	2.34 kW	A
		70'	1	TLC-LED-1500	1.43 kW	A
A4	70'	16'	1	TLC-BT-575	0.58 kW	A
		70'	2	TLC-LED-1200	2.34 kW	B
		70'	1	TLC-LED-1500	1.43 kW	B
		16'	1	TLC-BT-575	0.58 kW	B
		70'	2	TLC-LED-1200	2.34 kW	A
		70'	1	TLC-LED-1500	1.43 kW	A
A5	70'	16'	1	TLC-BT-575	0.58 kW	A
		70'	3	TLC-LED-1200	3.51 kW	M
		70'	1	TLC-LED-1500	1.43 kW	J
		16'	1	TLC-BT-575	0.58 kW	J
		70'	2	TLC-LED-1200	2.34 kW	J
		16'	1	TLC-BT-575	0.58 kW	M
A6	70'	70'	2	TLC-LED-1200	2.34 kW	I
		70'	1	TLC-LED-1500	1.43 kW	I
		16'	1	TLC-BT-575	0.58 kW	I
		70'	2	TLC-LED-1200	2.34 kW	J
		70'	1	TLC-LED-1500	1.43 kW	J
		16'	1	TLC-BT-575	0.58 kW	J
A7	70'	70'	3	TLC-LED-1200	3.51 kW	L
		70'	1	TLC-LED-1500	1.43 kW	I
		16'	1	TLC-BT-575	0.58 kW	I
		70'	2	TLC-LED-1200	2.34 kW	I
		16'	1	TLC-BT-575	0.58 kW	L
A8	70'	70'	3	TLC-LED-1200	3.51 kW	F
		70'	1	TLC-LED-1500	1.43 kW	G
		16'	1	TLC-BT-575	0.58 kW	G
		70'	2	TLC-LED-1200	2.34 kW	G
		16'	1	TLC-BT-575	0.58 kW	F
A9	70'	70'	2	TLC-LED-1200	2.34 kW	H
		70'	1	TLC-LED-1500	1.43 kW	H
		16'	1	TLC-BT-575	0.58 kW	H
		70'	2	TLC-LED-1200	2.34 kW	G
		70'	1	TLC-LED-1500	1.43 kW	G
A10	70'	16'	1	TLC-BT-575	0.58 kW	G
		70'	2	TLC-LED-1200	2.34 kW	E
		70'	1	TLC-LED-1500	1.43 kW	E
		16'	1	TLC-BT-575	0.58 kW	E

From Hometown to Professional



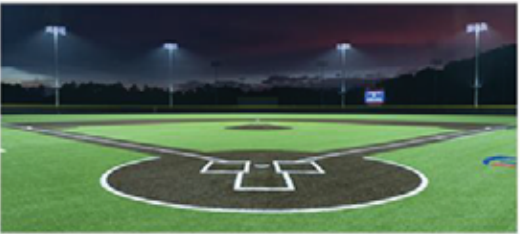
We Make It Happen.

Cornerstone Park Athletic Complex

Starkville,MS

Pole / Fixture Summary						
Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
A11	70'	70'	2	TLC-LED-1200	2.34 kW	H
		70'	1	TLC-LED-1500	1.43 kW	H
		16'	1	TLC-BT-575	0.58 kW	H
		70'	3	TLC-LED-1200	3.51 kW	F
		16'	1	TLC-BT-575	0.58 kW	F
		70'	2	TLC-LED-1200	2.34 kW	E
A12	70'	70'	1	TLC-LED-1500	1.43 kW	E
		16'	1	TLC-BT-575	0.58 kW	E
		70'	3	TLC-LED-1200	3.51 kW	M
		70'	3	TLC-LED-1200	3.51 kW	L
		16'	1	TLC-BT-575	0.58 kW	M
		16'	1	TLC-BT-575	0.58 kW	L
B1-B2	70'	70'	5	TLC-LED-1500	7.15 kW	C
		70'	1	TLC-LED-600	0.58 kW	C
B3-B4	70'	16'	2	TLC-BT-575	1.15 kW	C
		70'	5	TLC-LED-1500	7.15 kW	D
		70'	1	TLC-LED-600	0.58 kW	D
B5-B6	70'	16'	2	TLC-BT-575	1.15 kW	D
		70'	5	TLC-LED-1500	7.15 kW	A
		70'	1	TLC-LED-600	0.58 kW	A
B7-B8	70'	16'	2	TLC-BT-575	1.15 kW	A
		70'	5	TLC-LED-1500	7.15 kW	B
		70'	1	TLC-LED-600	0.58 kW	B
B9	70'	16'	2	TLC-BT-575	1.15 kW	B
		70'	5	TLC-LED-1500	7.15 kW	J
		70'	1	TLC-LED-600	0.58 kW	J
B10	70'	16'	2	TLC-BT-575	1.15 kW	J
		70'	1	TLC-LED-1200	1.17 kW	J
		70'	5	TLC-LED-1500	7.15 kW	J
B11-B12	70'	16'	2	TLC-BT-575	1.15 kW	J
		70'	5	TLC-LED-1500	7.15 kW	I
		70'	1	TLC-LED-600	0.58 kW	I
B13	70'	16'	2	TLC-BT-575	1.15 kW	I
		70'	5	TLC-LED-1500	7.15 kW	G
		16'	1	TLC-BT-575	0.58 kW	G
B14	70'	70'	5	TLC-LED-1500	7.15 kW	F
		70'	1	TLC-LED-600	0.58 kW	F
		16'	1	TLC-BT-575	0.58 kW	F
B15-B16	70'	16'	1	TLC-BT-575	0.58 kW	F
		70'	5	TLC-LED-1500	7.15 kW	G
		70'	1	TLC-LED-600	0.58 kW	H
B17-B18	70'	16'	2	TLC-BT-575	1.15 kW	H
		70'	5	TLC-LED-1500	7.15 kW	E
		70'	1	TLC-LED-600	0.58 kW	E
B19	70'	16'	2	TLC-BT-575	1.15 kW	E
		70'	5	TLC-LED-1500	7.15 kW	F
		70'	1	TLC-LED-600	0.58 kW	F
B20-B21	70'	16'	1	TLC-BT-575	0.58 kW	F
		70'	5	TLC-LED-1500	7.15 kW	L
		70'	1	TLC-LED-600	0.58 kW	L
B22-B23	70'	16'	2	TLC-BT-575	1.15 kW	L
		70'	5	TLC-LED-1500	7.15 kW	M
		70'	1	TLC-LED-600	0.58 kW	M
C1-C2	70'	16'	2	TLC-BT-575	1.15 kW	M
		70'	3	TLC-LED-1200	3.51 kW	G
		16'	1	TLC-BT-575	0.58 kW	G
C3-C4	70'	70'	3	TLC-LED-1200	3.51 kW	F

From Hometown to Professional



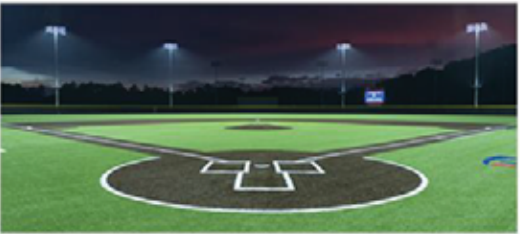
We Make It Happen.

Cornerstone Park Athletic Complex

Starkville,MS

Pole / Fixture Summary						
Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
P1-P2	50'	16'	1	TLC-BT-575	0.58 kW	F
		50'	2	TLC-LED-1200	2.34 kW	K
		50'	1	TLC-LED-900	0.89 kW	K
P3	50'	50'	6	TLC-LED-1200	7.02 kW	K
42			308		341.35 kW	

From Hometown to Professional



Cornerstone Park Athletic Complex

Starkville,MS

Circuit Summary			
Circuit	Description	Load	Fixture Qty
A	Baseball 1	26.45 kW	24
B	Baseball 2	26.17 kW	24
C	Baseball 3	26.45 kW	24
D	Baseball 4	26.45 kW	24
E	Baseball 5	26.45 kW	24
F	Baseball 6	31.79 kW	28
G	Baseball 7	32.31 kW	28
H	Baseball 8	26.45 kW	24
I	Baseball 9	26.45 kW	24
J	Baseball 10	27.04 kW	24
K	T-Ball	13.48 kW	12
L	Baseball 11	25.93 kW	24
M	Baseball 12	25.93 kW	24

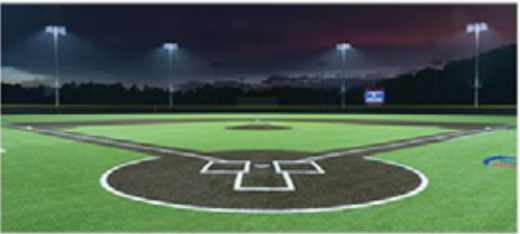
Fixture Type Summary							
Type	Source	Wattage	Lumens	L90	L80	L70	Quantity
TLC-LED-1200	LED 5700K - 75 CRI	1170W	136,000	>120,000	>120,000	>120,000	76
TLC-LED-1500	LED 5700K - 75 CRI	1430W	160,000	>120,000	>120,000	>120,000	138
TLC-LED-600	LED 5700K - 75 CRI	580W	65,600	>120,000	>120,000	>120,000	19
TLC-LED-900	LED 5700K - 75 CRI	890W	89,600	>120,000	>120,000	>120,000	3
TLC-BT-575	LED 5700K - 75 CRI	575W	52,000	>120,000	>120,000	>120,000	72

Light Level Summary

Calculation Grid Summary								
Grid Name	Calculation Metric	Illumination					Circuits	Fixture Qty
		Ave	Min	Max	Max/Min	Ave/Min		
150' Spill	Horizontal	0.03	0	0.08	0.00		A,B,C,D,E, F,G,H,I,J, K,L,M	308
150' Spill	Max Candela (by Fixture)	4139	28.2	9872	350.55	146.98	A,B,C,D,E, F,G,H,I,J, K,L,M	308
150' Spill	Max Vertical Illuminance Metric	0.08	0	0.26	930.21		A,B,C,D,E, F,G,H,I,J, K,L,M	308
Baseball 1 LF Bullpen	Horizontal	24.5	15	31	2.10	1.63	A	24
Baseball 1 RF Bullpen	Horizontal	25.1	16	29	1.79	1.57	A	24
Baseball 10 LF Bullpen	Horizontal	22.4	13	29	2.19	1.72	J	24
Baseball 10 RF Bullpen	Horizontal	29.1	19	36	1.89	1.53	J	24
Baseball 10 (Infield)	Horizontal Illuminance	55.1	39	62	1.59	1.41	J	24
Baseball 10 (Outfield)	Horizontal Illuminance	32.5	19	45	2.34	1.71	J	24
Baseball 11 LF Bullpen	Horizontal	28	21	36	1.68	1.33	L	24
Baseball 11 RF Bullpen	Horizontal	26.6	17	31	1.83	1.56	L	24
Baseball 11 (Infield)	Horizontal Illuminance	52.2	36	63	1.73	1.45	L	24
Baseball 11 (Outfield)	Horizontal Illuminance	33	19	42	2.25	1.74	L	24
Baseball 12 LF Bullpen	Horizontal	26.8	16	33	2.09	1.67	M	24
Baseball 12 RF Bullpen	Horizontal	23.1	14	29	2.07	1.65	M	24
Baseball 12 (Infield)	Horizontal Illuminance	54	38	64	1.68	1.42	M	24
Baseball 12 (Outfield)	Horizontal Illuminance	33.3	18	41	2.25	1.85	M	24
Baseball 1 (Infield)	Horizontal Illuminance	52	36	61	1.69	1.44	A	24
Baseball 1 (Outfield)	Horizontal Illuminance	32.4	19	42	2.19	1.70	A	24
Baseball 2 LF Bullpen	Horizontal	23.8	17	29	1.76	1.40	B	24
Baseball 2 RF Bullpen	Horizontal	22.7	15	30	1.93	1.51	B	24
Baseball 2 (Infield)	Horizontal Illuminance	51.8	37	60	1.63	1.40	B	24
Baseball 2 (Outfield)	Horizontal Illuminance	32.9	17	42	2.43	1.94	B	24
Baseball 3 LF Bullpen	Horizontal	22.4	13	28	2.08	1.73	C	24
Baseball 3 RF Bullpen	Horizontal	21.4	12	27	2.20	1.78	C	24
Baseball 3 (Infield)	Horizontal Illuminance	52.6	37	62	1.67	1.42	C	24
Baseball 3 (Outfield)	Horizontal Illuminance	33.3	18	41	2.32	1.85	C	24
Baseball 4 LF Bullpen	Horizontal	23.1	15	28	1.83	1.54	D	24

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From Hometown to Professional



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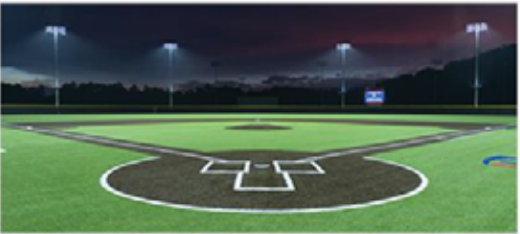
PROJECT SUMMARY

Cornerstone Park Athletic Complex

Starkville,MS

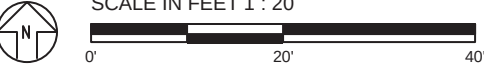
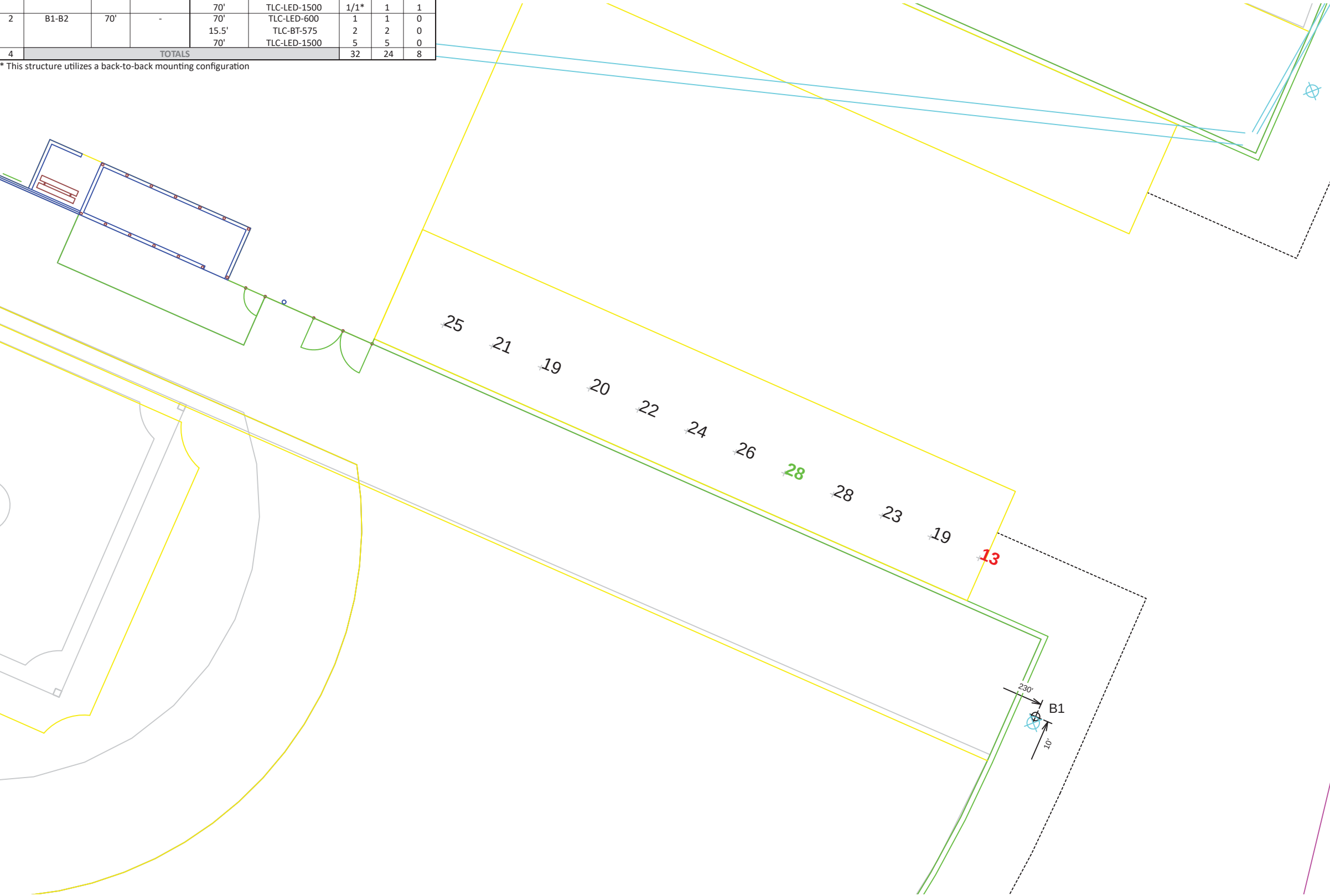
Calculation Grid Summary								
Grid Name	Calculation Metric	Illumination					Circuits	Fixture Qty
		Ave	Min	Max	Max/Min	Ave/Min		
Baseball 4 RF Bullpen	Horizontal	22.7	12	29	2.32	1.89	D	24
Baseball 4 (Infield)	Horizontal Illuminance	53.4	38	61	1.61	1.40	D	24
Baseball 4 (Outfield)	Horizontal Illuminance	33.5	19	42	2.19	1.77	D	24
Baseball 5 LF Bullpen	Horizontal	22.6	16	29	1.82	1.41	E	24
Baseball 5 RF Bullpen	Horizontal	22.2	12	28	2.23	1.85	E	24
Baseball 5 (Infield)	Horizontal Illuminance	53.5	37	64	1.74	1.45	E	24
Baseball 5 (Outfield)	Horizontal Illuminance	31.5	19	41	2.18	1.66	E	24
Baseball 6 LF Bullpen	Horizontal	23.5	19	27	1.38	1.24	F	28
Baseball 6 RF Bullpen	Horizontal	26.9	22	32	1.41	1.22	F	28
Baseball 6 (Infield)	Horizontal Illuminance	52.7	40	67	1.67	1.32	F	28
Baseball 6 (Outfield)	Horizontal Illuminance	34.8	24	46	1.93	1.45	F	28
Baseball 7 LF Bullpen	Horizontal	32.2	27	34	1.27	1.19	G	28
Baseball 7 RF Bullpen	Horizontal	20.5	18	24	1.32	1.14	G	28
Baseball 7 (Infield)	Horizontal Illuminance	51.4	37	64	1.72	1.39	G	28
Baseball 7 (Outfield)	Horizontal Illuminance	35.1	23	47	2.03	1.53	G	28
Baseball 8 LF Bullpen	Horizontal	22.4	13	29	2.15	1.72	H	24
Baseball 8 RF Bullpen	Horizontal	21.9	12	28	2.27	1.83	H	24
Baseball 8 (Infield)	Horizontal Illuminance	51.3	39	59	1.49	1.32	H	24
Baseball 8 (Outfield)	Horizontal Illuminance	31.4	18	39	2.13	1.74	H	24
Baseball 9 LF Bullpen	Horizontal	22.6	12	28	2.25	1.88	I	24
Baseball 9 RF Bullpen	Horizontal	24.7	14	30	2.09	1.76	I	24
Baseball 9 (Infield)	Horizontal Illuminance	52.2	37	61	1.64	1.41	I	24
Baseball 9 (Outfield)	Horizontal Illuminance	32.8	18	42	2.31	1.82	I	24
T-ball	Horizontal Illuminance	33.2	14	54	3.98	2.37	K	12

From Hometown to Professional



EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A1	70'	-	70'	TLC-LED-1500	1/1*	1	1
				70'	TLC-LED-900	1*	0	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/1*	2	1
1	A2	70'	-	70'	TLC-LED-1200	2/2*	2	2
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1500	1/1*	1	1
2	B1-B2	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



ENGINEERED DESIGN By: · File #195501J3 · 07-Aug-20

Cornerstone Park Athletic Complex

Starkville,MS

GRID SUMMARY	
Name:	Baseball 3 LF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	22.43
Maximum:	28
Minimum:	13
Avg / Min:	1.66
Max / Min:	2.08
UG (adjacent pts):	1.39
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	C
No. of Luminaires:	24
Total Load:	26.45 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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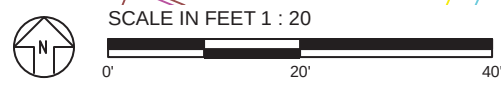
ILLUMINATION SUMMARY

Starkville,MS

* This structure utilizes a back-to-back mounting configuration

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
Entire Grid	
Scan Average:	21.37
Maximum:	27
Minimum:	12
Avg / Min:	1.75
Max / Min:	2.20
UG (adjacent pts):	1.39
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	C
No. of Luminaires:	24
Total Load:	26.45 kW

Installation Requirements: Results assume $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

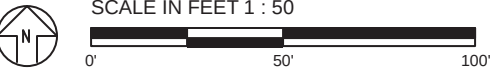
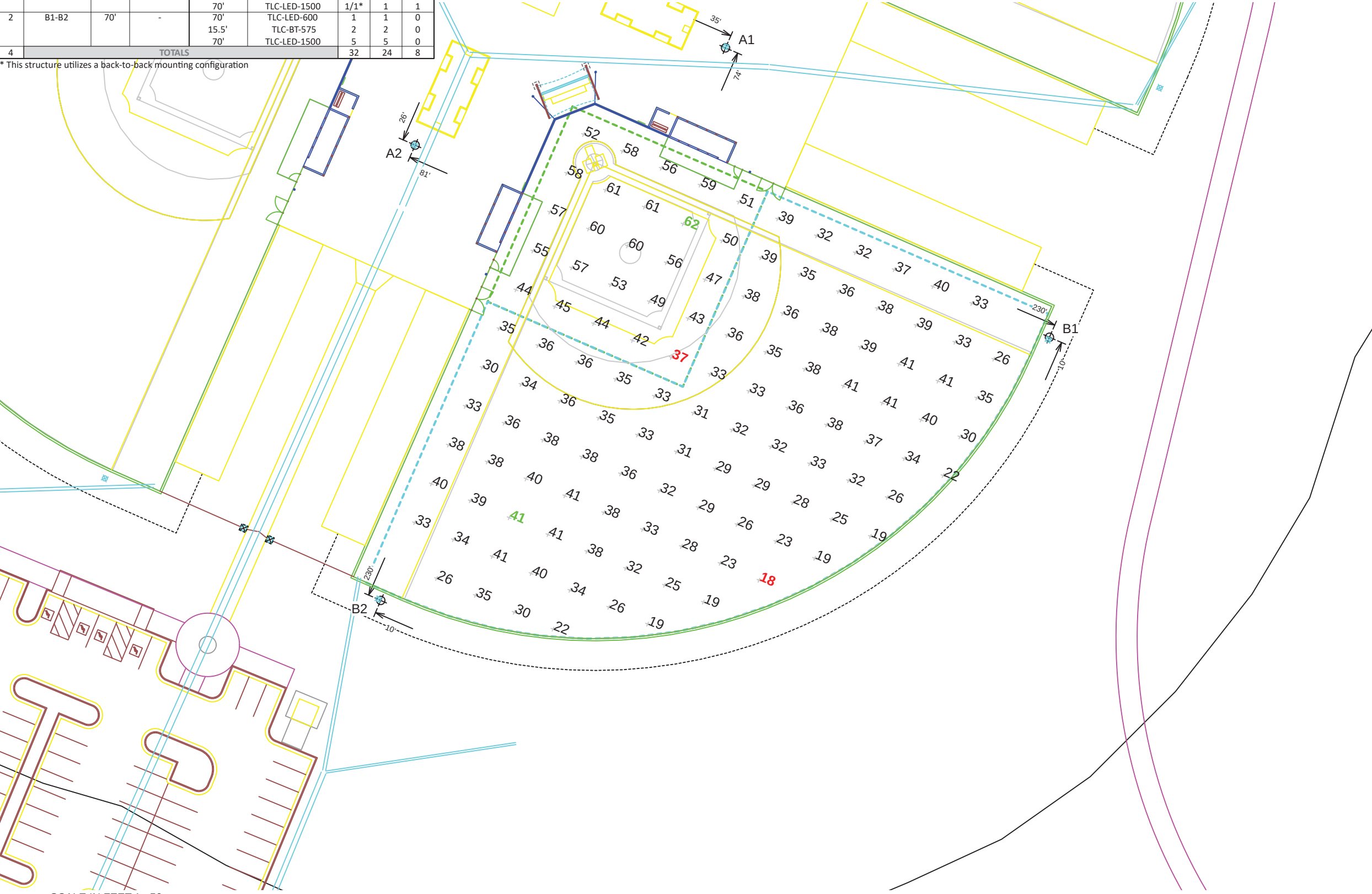


ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A1	70'	-	70'	TLC-LED-1500	1/1*	1	1
				70'	TLC-LED-900	1*	0	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/1*	2	1
1	A2	70'	-	70'	TLC-LED-1200	2/2*	2	2
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1500	1/1*	1	1
				70'	TLC-LED-600	1	1	0
2	B1-B2	70'	-	15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
				70'	TLC-LED-1500			
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



ENGINEERED DESIGN By: · File #195501J3 · 07-Aug-20

Cornerstone Park Athletic Complex
Starkville, MS

GRID SUMMARY	
Name:	Baseball 3
Size:	225'/225'/225' - basepath 60'
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY		
MAINTAINED HORIZONTAL FOOTCANDLES		
	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	52.63	33.34
Maximum:	62	41
Minimum:	37	18
Avg / Min:	1.42	1.88
Guaranteed Max / Min:	2	2.5
Max / Min:	1.67	2.32
UG (adjacent pts):	1.28	1.49
CU:	0.63	
No. of Points:	25	94
LUMINAIRE INFORMATION		
Applied Circuits:	C	
No. of Luminaires:	24	
Total Load:	26.45 kW	

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	A2-A3	70'	-	70'	TLC-LED-1200	2/2*	2	2
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1500	1/1*	1	1
2	B3-B4	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration

Cornerstone Park Athletic Complex

Starkville, MS

GRID SUMMARY	
Name:	Baseball 4 LF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

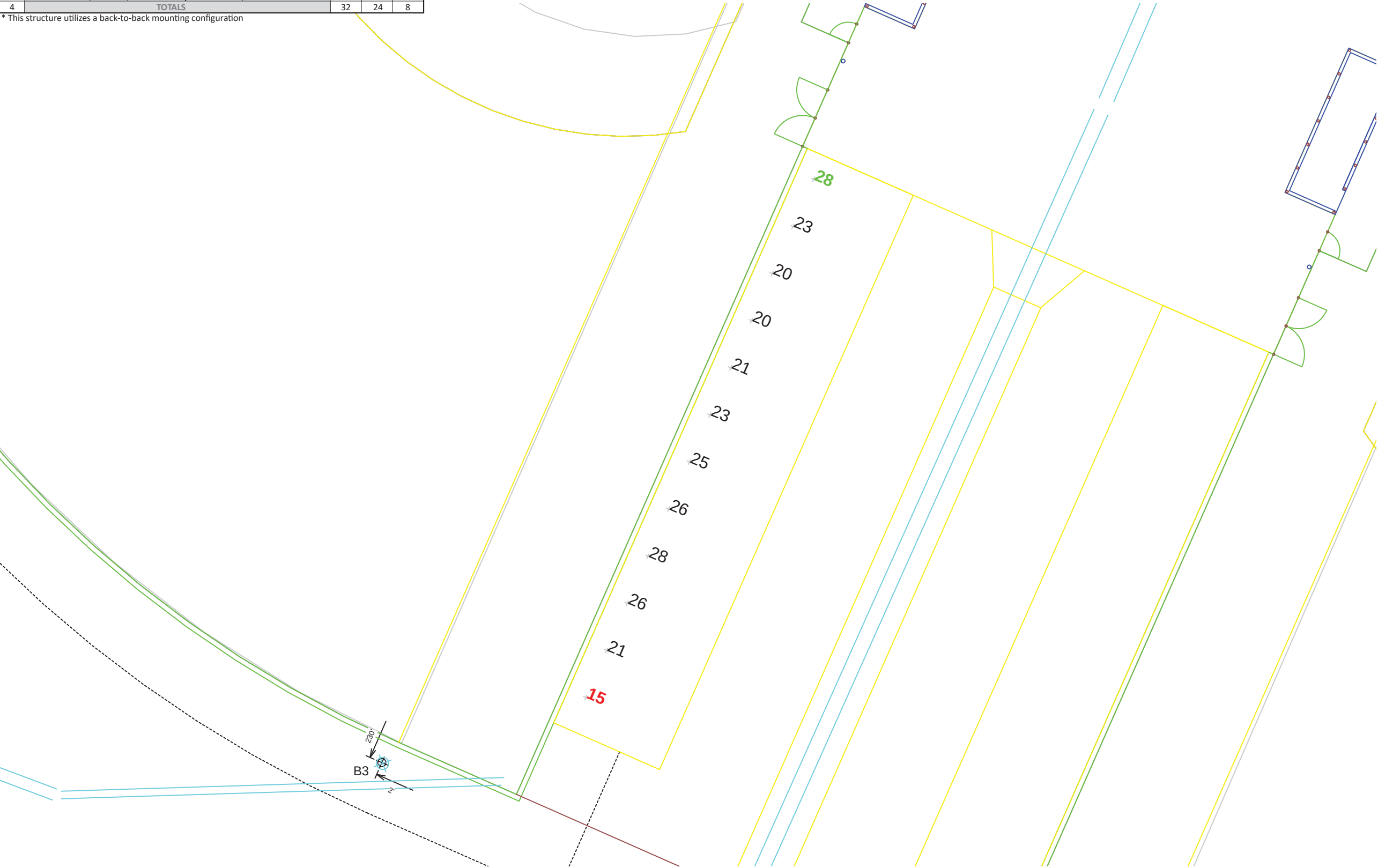
ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	23.08
Maximum:	28
Minimum:	15
Avg / Min:	1.49
Max / Min:	1.83
UG (adjacent pts):	1.36
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	D
No. of Luminaires:	24
Total Load:	26.45 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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ILLUMINATION SUMMARY



EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	A2-A3	70'	-	70'	TLC-LED-1200	2/2 *	2	2
				15.5'	TLC-BT-575	1/1 *	1	1
				70'	TLC-LED-1500	1/1 *	1	1
2	B3-B4	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration

Cornerstone Park Athletic Complex
Starkville, MS

GRID SUMMARY	
Name:	Baseball 4 RF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

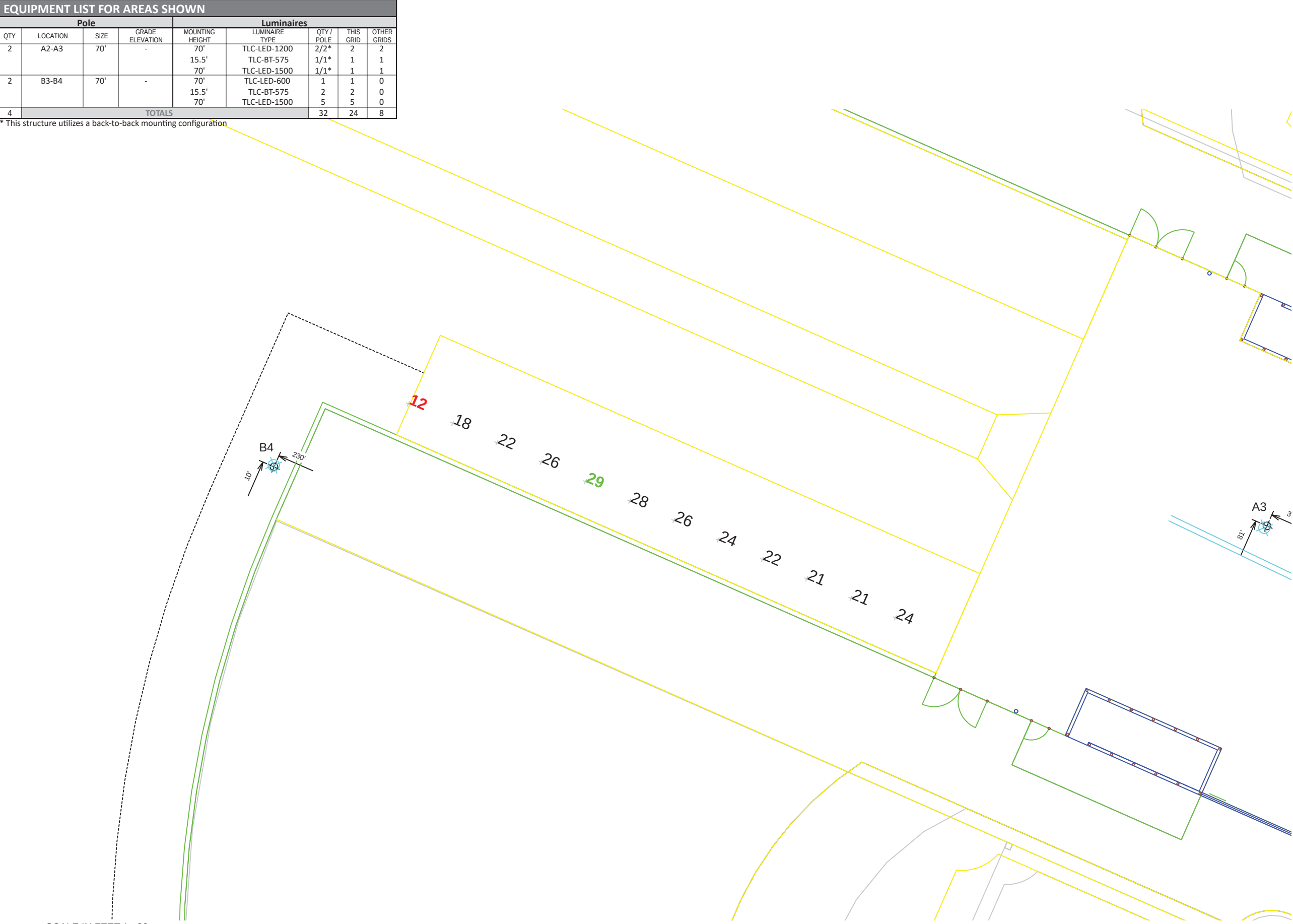
ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	22.65
Maximum:	29
Minimum:	12
Avg / Min:	1.83
Max / Min:	2.32
UG (adjacent pts):	1.43
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	D
No. of Luminaires:	24
Total Load:	26.45 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⚡ dimensions are relative to 0,0 reference point(s) ⊗

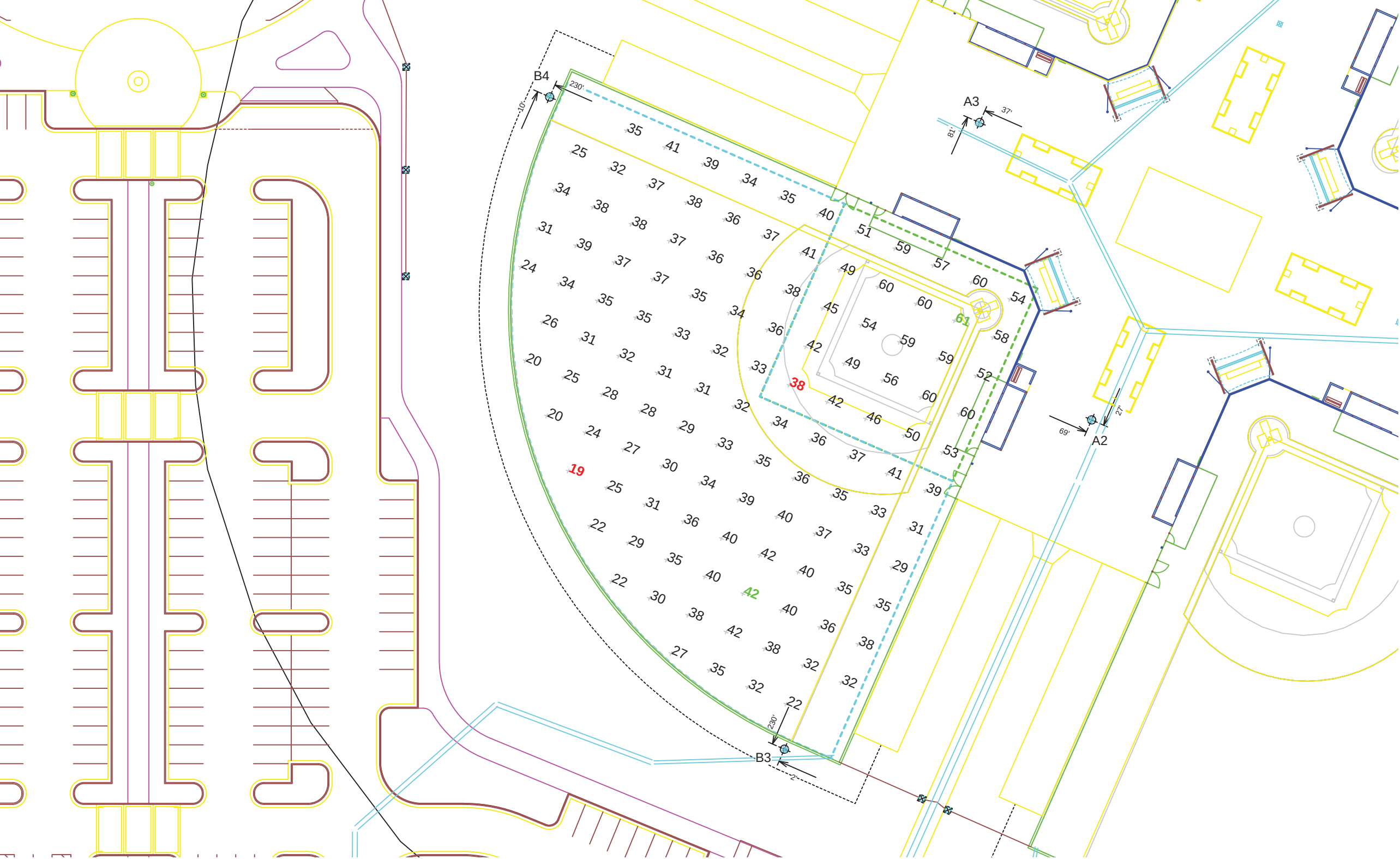


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EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	A2-A3	70'	-	70'	TLC-LED-1200	2/2 *	2	2
				15.5'	TLC-BT-575	1/1 *	1	1
				70'	TLC-LED-1500	1/1 *	1	1
2	B3-B4	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



ENGINEERED DESIGN By: · File #195501J3 · 07-Aug-20

Cornerstone Park Athletic Complex
Starkville,MS

GRID SUMMARY	
Name:	Baseball 4
Size:	225'/225'/225' - basepath 60'
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY		
MAINTAINED HORIZONTAL FOOTCANDLES		
	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	53.38	33.54
Maximum:	61	42
Minimum:	38	19
Avg / Min:	1.42	1.73
Guaranteed Max / Min:	2	2.5
Max / Min:	1.61	2.19
UG (adjacent pts):	1.22	1.42
CU:	0.63	
No. of Points:	25	94
LUMINAIRE INFORMATION		
Applied Circuits:	D	
No. of Luminaires:	24	
Total Load:	26.45 kW	

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

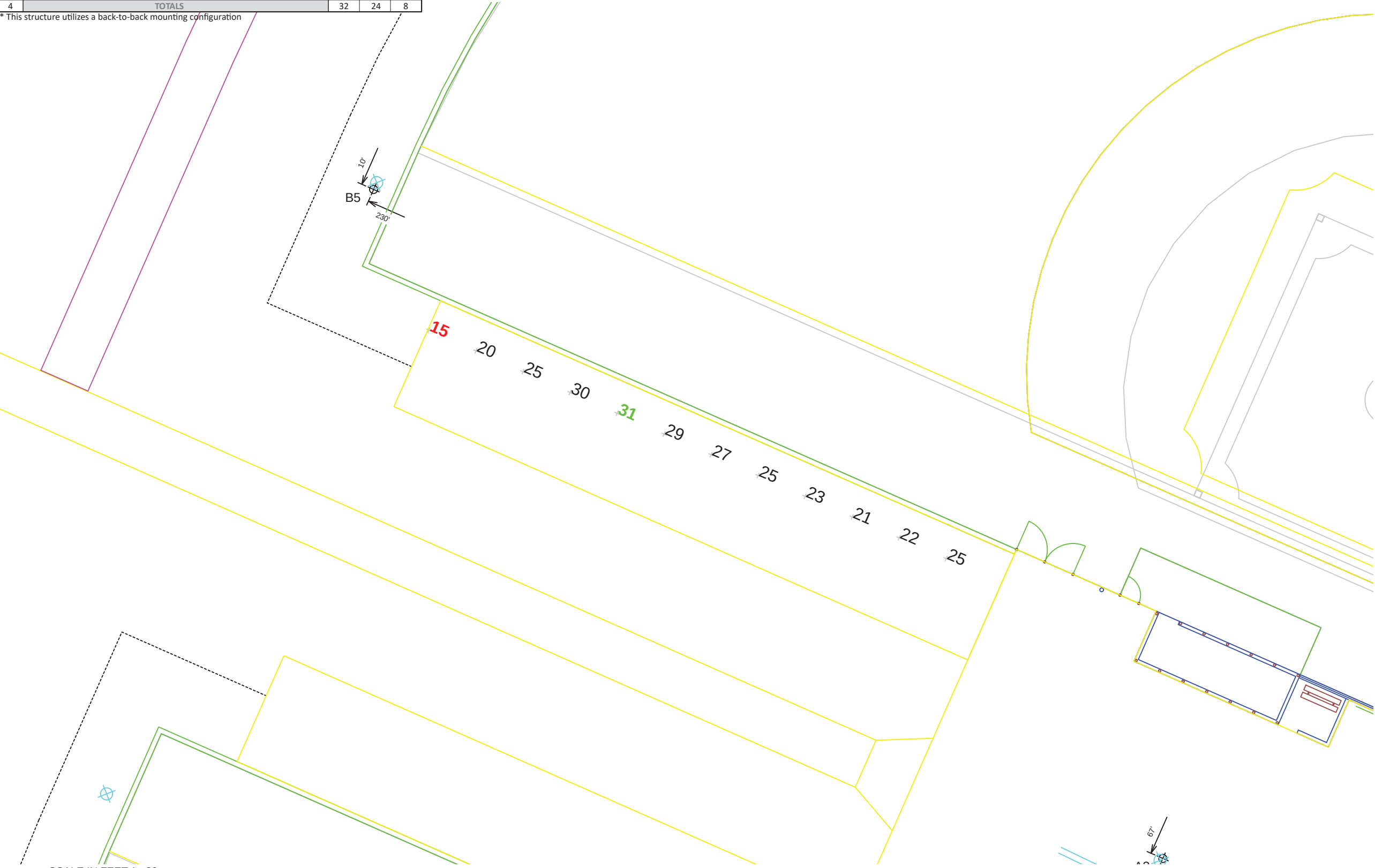


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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	A3-A4	70'	-	70'	TLC-LED-1200	2/2*	2	2
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1500	1/1*	1	1
2	B5-B6	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex

Starkville, MS

GRID SUMMARY	
Name:	Baseball 1 LF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	24.45
Maximum:	31
Minimum:	15
Avg / Min:	1.66
Max / Min:	2.10
UG (adjacent pts):	1.39
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	24
Total Load:	26.45 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

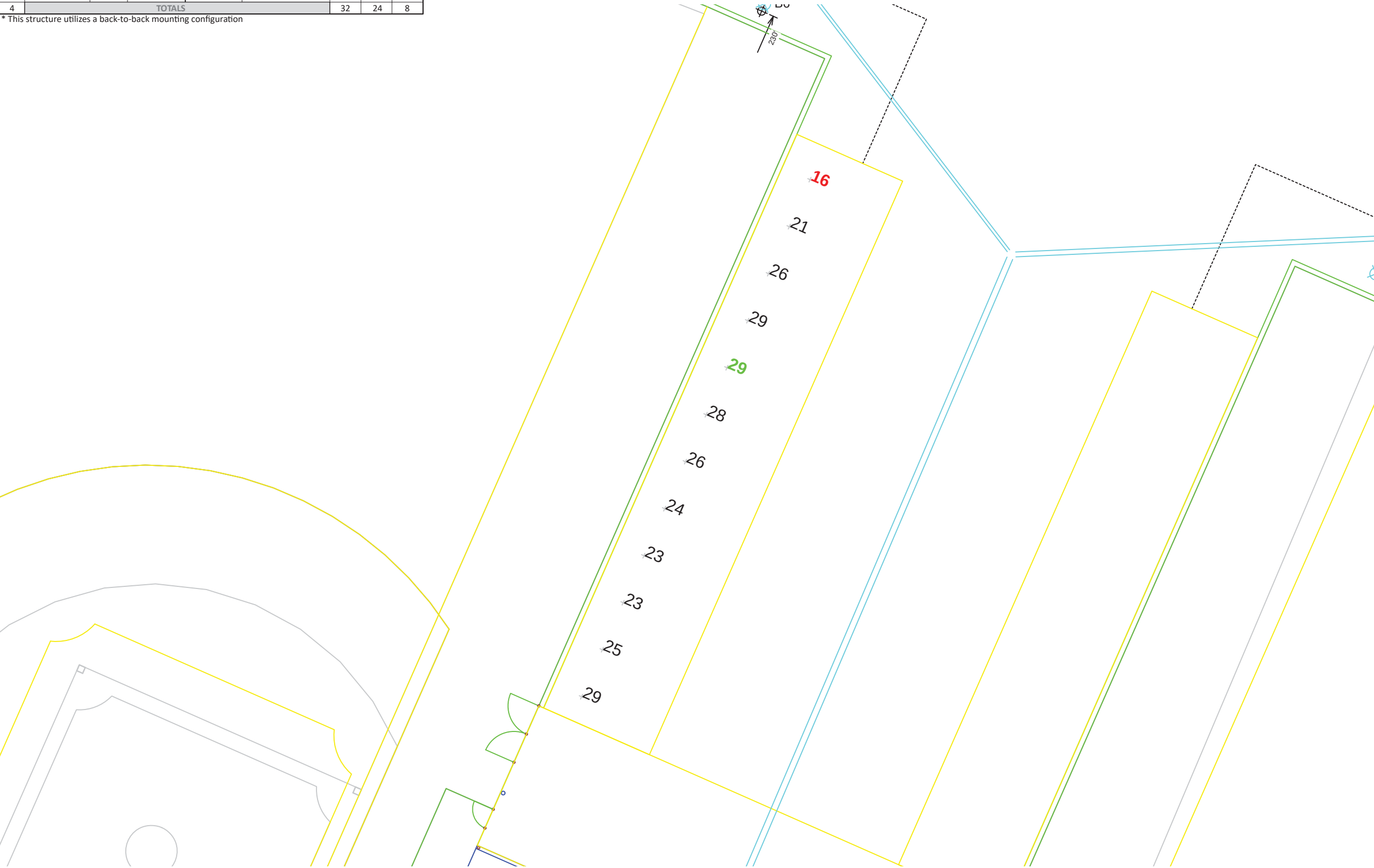


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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	A3-A4	70'	-	70'	TLC-LED-1200	2/2*	2	2
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1500	1/1*	1	1
2	B5-B6	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



ENGINEERED DESIGN By: · File #195501J3 · 07-Aug-20

Cornerstone Park Athletic Complex

Starkville,MS

GRID SUMMARY	
Name:	Baseball 1 RF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	25.14
Maximum:	29
Minimum:	16
Avg / Min:	1.53
Max / Min:	1.79
UG (adjacent pts):	1.31
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	24
Total Load:	26.45 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	A3-A4	70'	-	70'	TLC-LED-1200	2/2 *	2	2
				15.5'	TLC-BT-575	1/1 *	1	1
				70'	TLC-LED-1500	1/1 *	1	1
2	B5-B6	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration

Cornerstone Park Athletic Complex
Starkville, MS

GRID SUMMARY

Name: Baseball 1
Size: 225'/225'/225' - basepath 60'
Spacing: 20.0' x 20.0'
Height: 3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	51.95	32.37
Maximum:	61	42
Minimum:	36	19
Avg / Min:	1.44	1.69
Guaranteed Max / Min:	2	2.5
Max / Min:	1.69	2.19
UG (adjacent pts):	1.21	1.37
CU:	0.61	
No. of Points:	25	94

LUMINAIRE INFORMATION

Applied Circuits: A
No. of Luminaires: 24
Total Load: 26.45 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

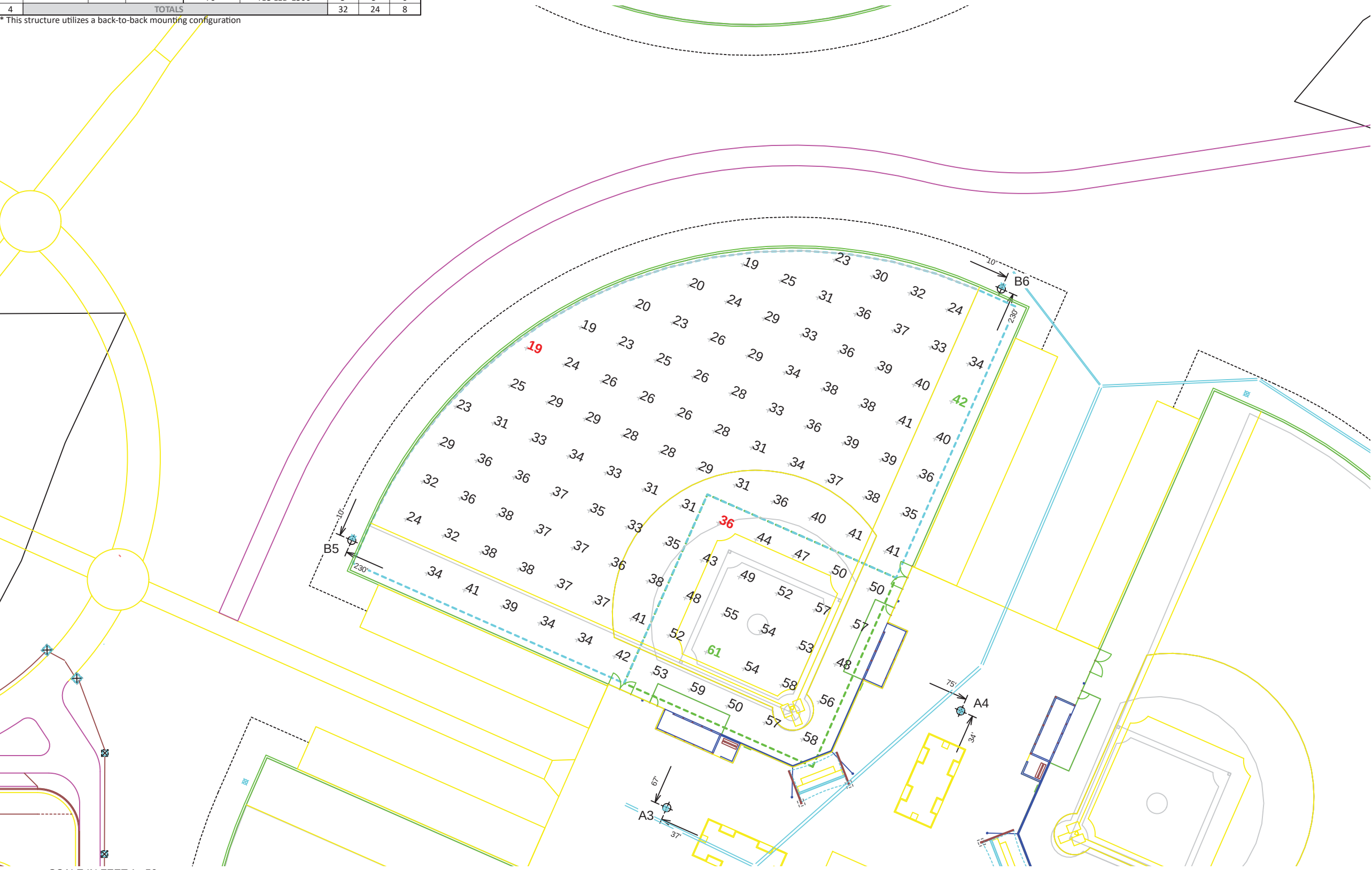
Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



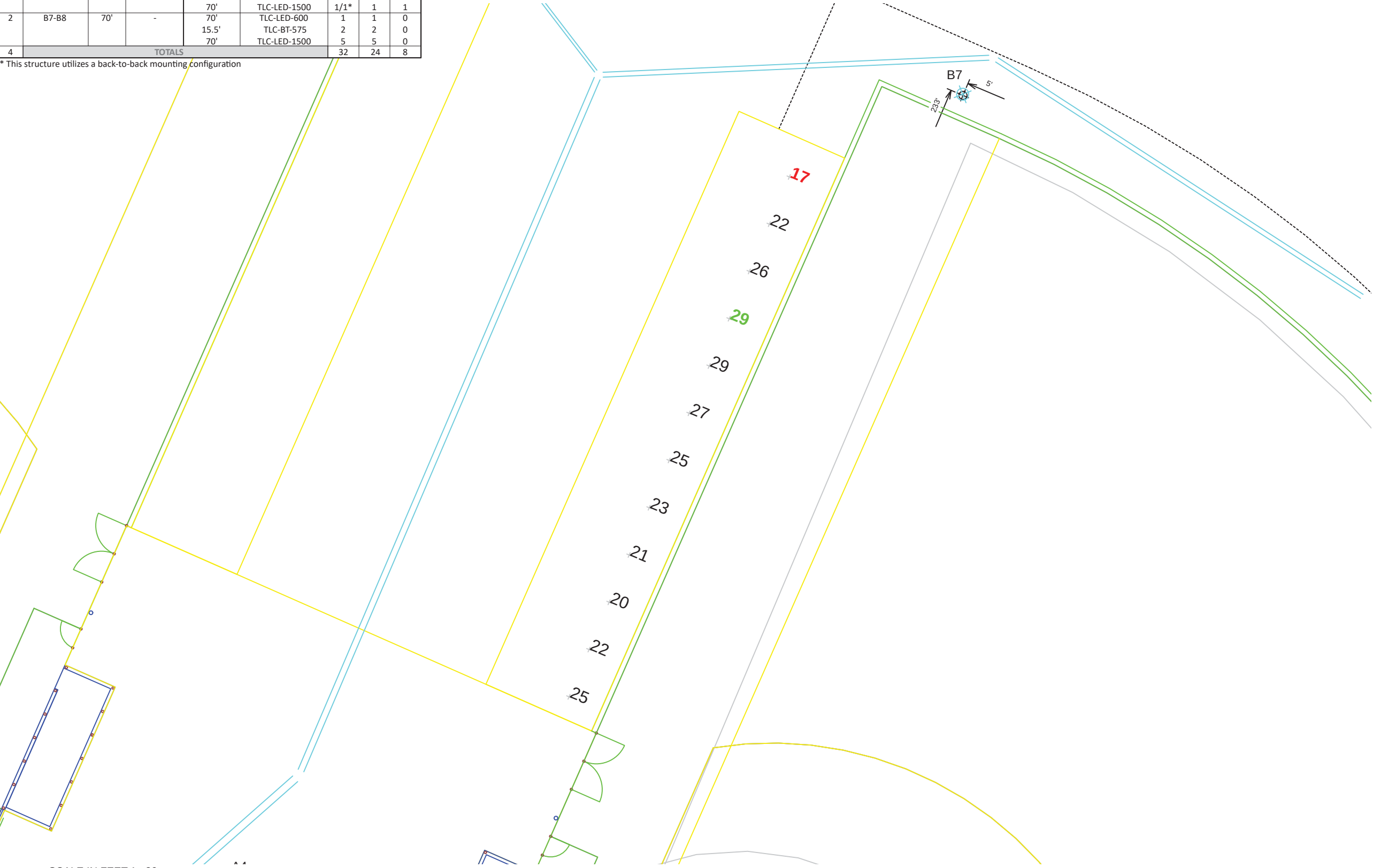
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ILLUMINATION SUMMARY



EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A1	70'	-	70'	TLC-LED-1500	1/1*	1	1
				70'	TLC-LED-900	1*	1	0
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/1*	1	2
1	A4	70'	-	70'	TLC-LED-1200	2/2*	2	2
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1500	1/1*	1	1
2	B7-B8	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex

Starkville,MS

GRID SUMMARY	
Name:	Baseball 2 LF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	23.84
Maximum:	29
Minimum:	17
Avg / Min:	1.43
Max / Min:	1.76
UG (adjacent pts):	1.31
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	B
No. of Luminaires:	24
Total Load:	26.17 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume $\pm$ 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

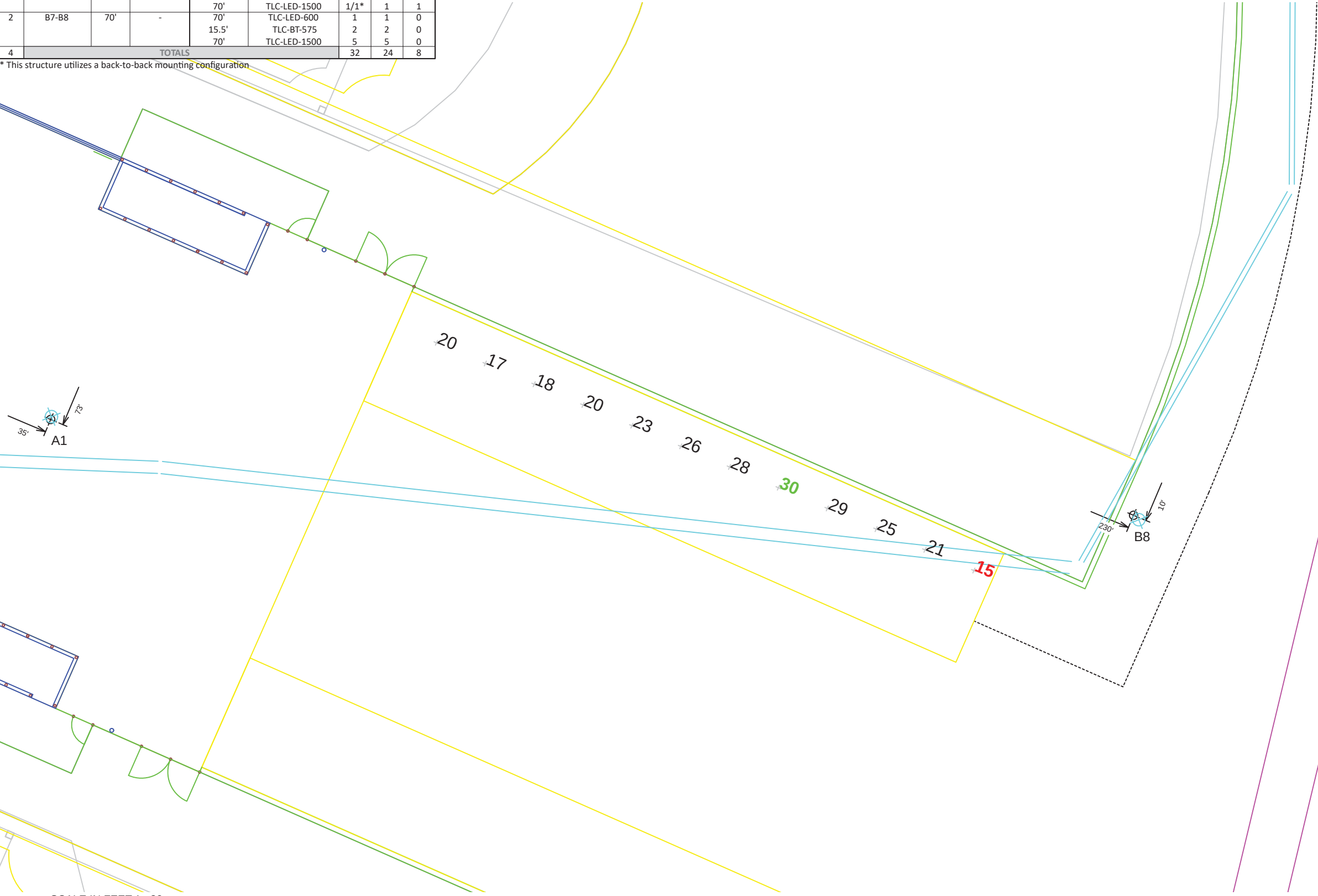


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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A1	70'	-	70'	TLC-LED-1500	1/1*	1	1
				70'	TLC-LED-900	1*	1	0
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/1*	1	2
1	A4	70'	-	70'	TLC-LED-1200	2/2*	2	2
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1500	1/1*	1	1
				70'	TLC-LED-1500	1/1*	1	1
2	B7-B8	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



ENGINEERED DESIGN By: · File #195501J3 · 07-Aug-20

Cornerstone Park Athletic Complex

Starkville, MS

GRID SUMMARY	
Name:	Baseball 2 RF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	22.69
Maximum:	30
Minimum:	15
Avg / Min:	1.47
Max / Min:	1.93
UG (adjacent pts):	1.34
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	B
No. of Luminaires:	24
Total Load:	26.17 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



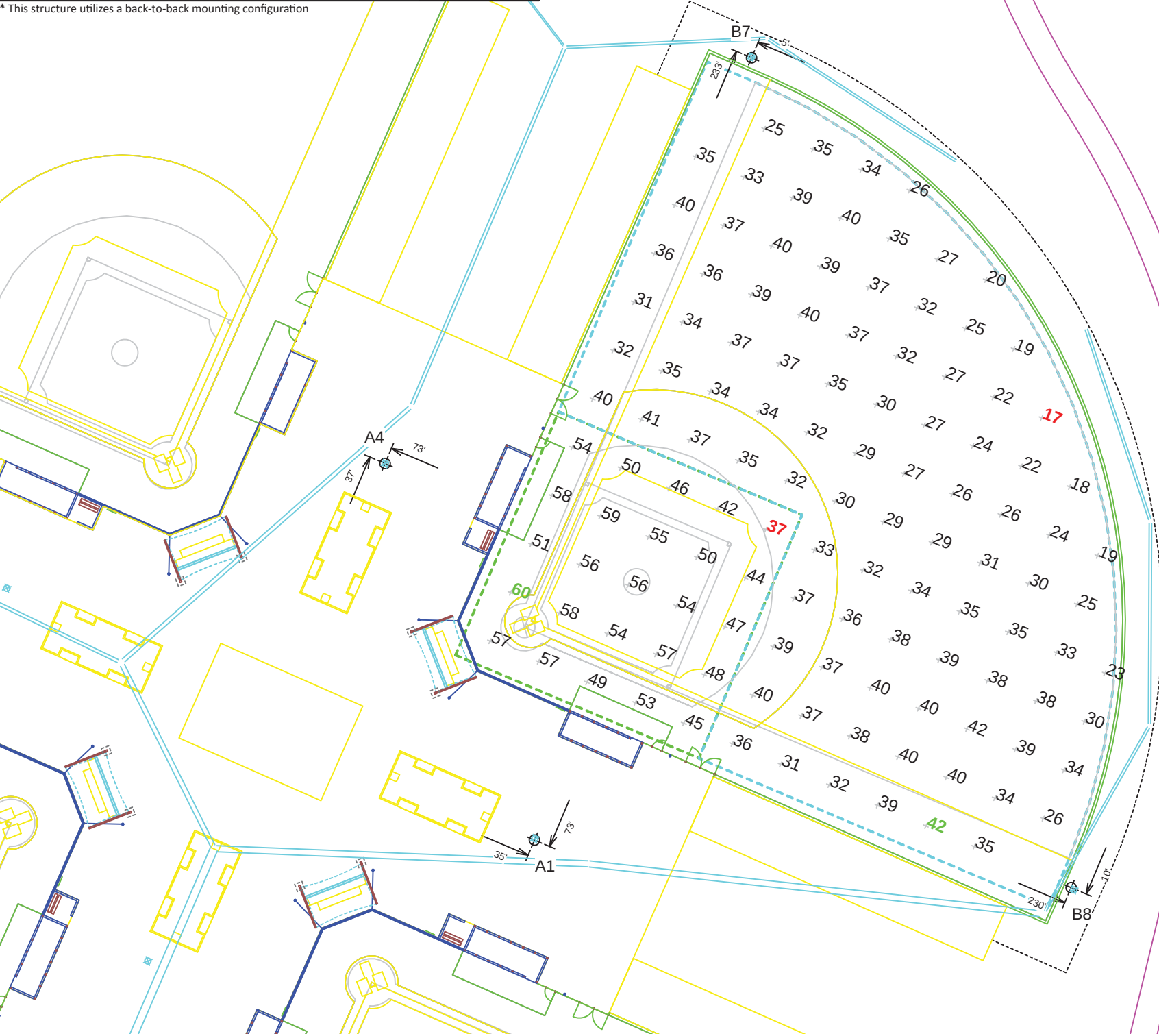
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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A1	70'	-	70'	TLC-LED-1500	1/1*	1	1
				70'	TLC-LED-900	1*	1	0
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/1*	1	2
1	A4	70'	-	70'	TLC-LED-1200	2/2*	2	2
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1500	1/1*	1	1
2	B7-B8	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



ENGINEERED DESIGN By: · File #195501J3 · 07-Aug-20

Cornerstone Park Athletic Complex

Starkville, MS

GRID SUMMARY	
Name:	Baseball 2
Size:	225'/225'/225' - basepath 60'
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY		
MAINTAINED HORIZONTAL FOOTCANDLES		
	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	51.82	32.91
Maximum:	60	42
Minimum:	37	17
Avg / Min:	1.41	1.92
Guaranteed Max / Min:	2	2.5
Max / Min:	1.63	2.43
UG (adjacent pts):	1.20	1.44
CU:	0.63	
No. of Points:	25	94
LUMINAIRE INFORMATION		
Applied Circuits:	B	
No. of Luminaires:	24	
Total Load:	26.17 kW	

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

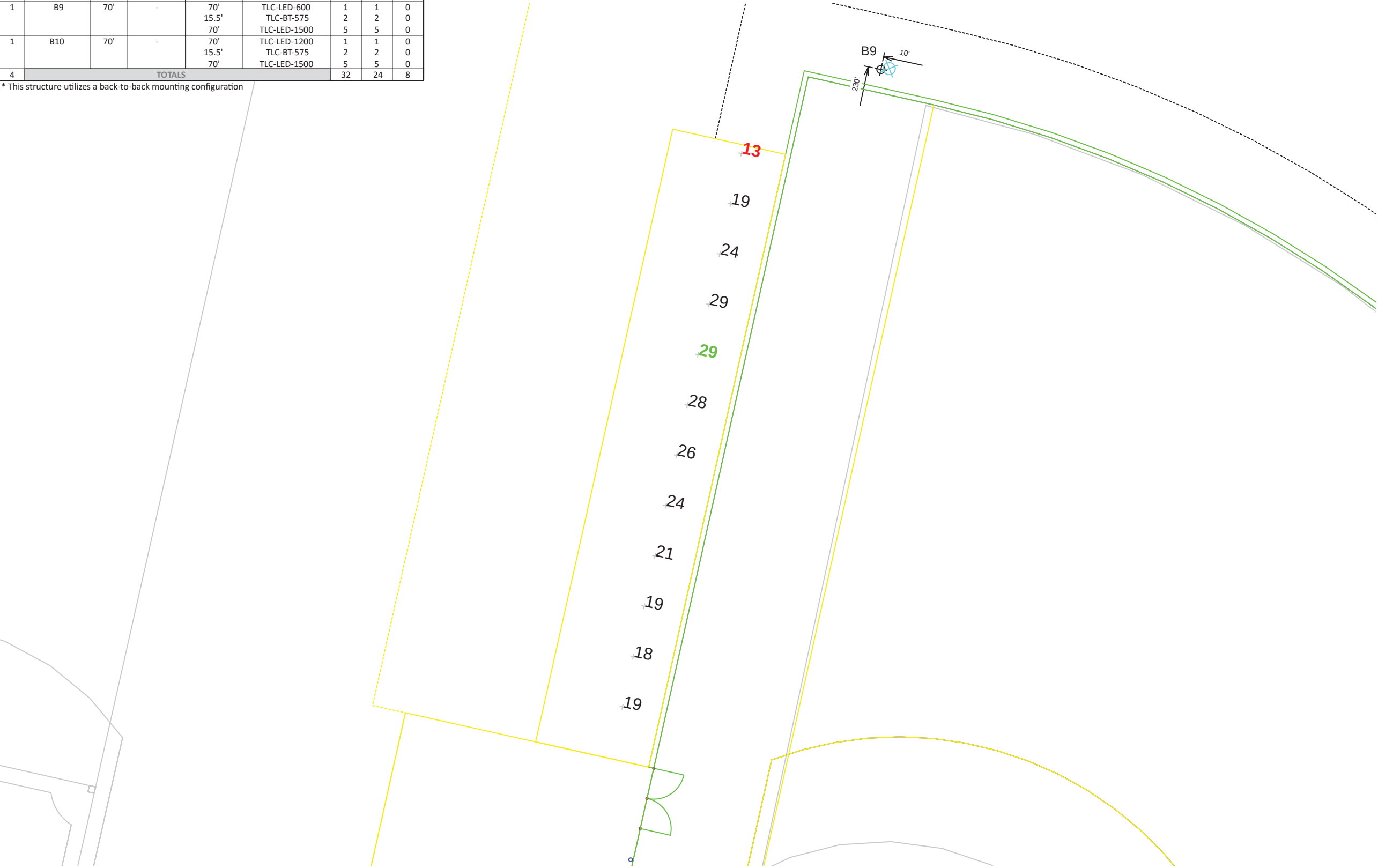


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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A5	70'	-	70'	TLC-LED-1500	1	1	0
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	2	3
1	A6	70'	-	70'	TLC-LED-1500	1/1*	1	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
1	B9	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
1	B10	70'	-	70'	TLC-LED-1200	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex

Starkville,MS

GRID SUMMARY	
Name:	Baseball 10 LF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	22.39
Maximum:	29
Minimum:	13
Avg / Min:	1.67
Max / Min:	2.19
UG (adjacent pts):	1.41
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	J
No. of Luminaires:	24
Total Load:	27.04 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

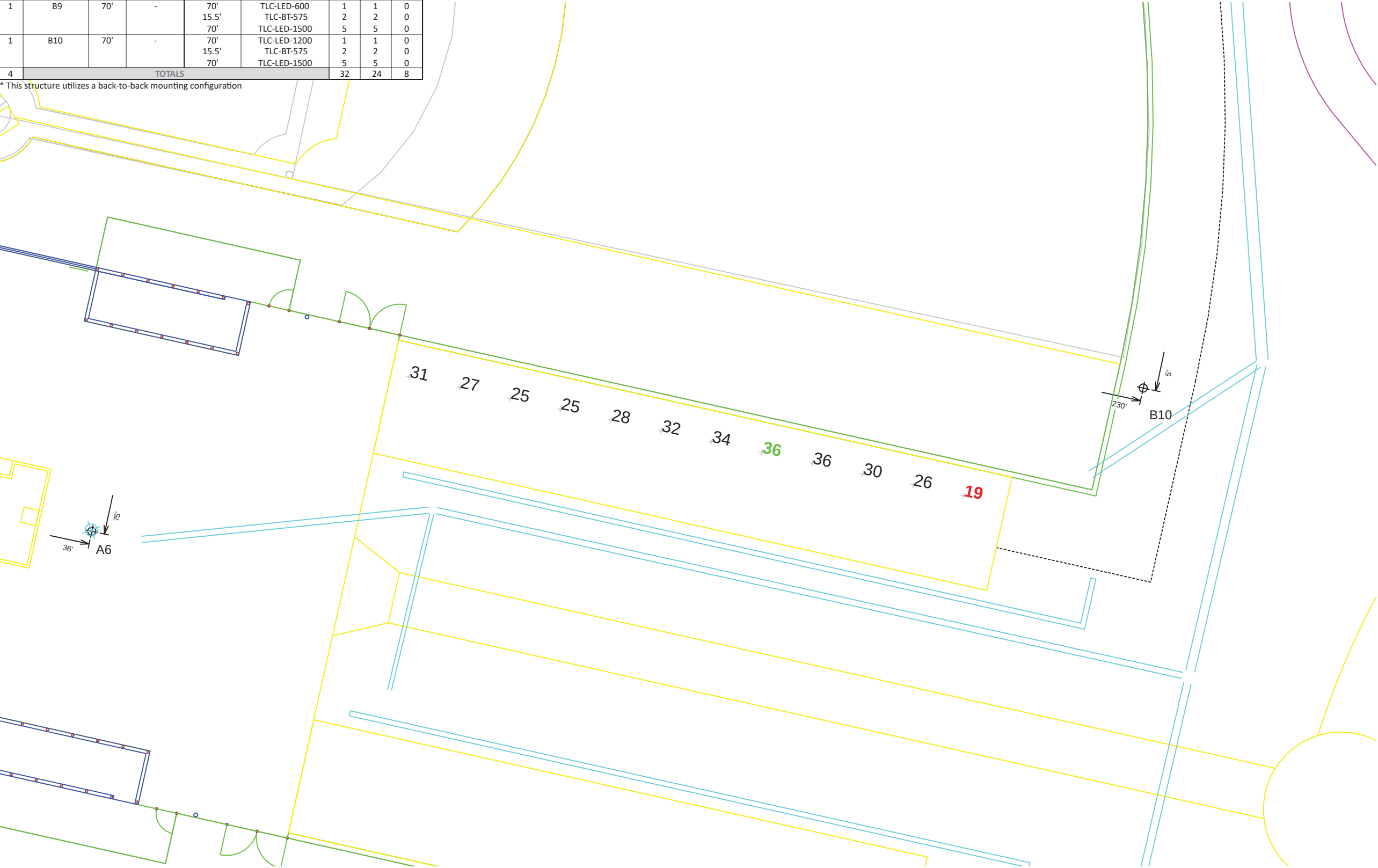


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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A5	70'	-	70'	TLC-LED-1500	1	1	0
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	2	3
1	A6	70'	-	70'	TLC-LED-1500	1/1*	1	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
1	B9	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
1	B10	70'	-	70'	TLC-LED-1200	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex

Starkville,MS

GRID SUMMARY	
Name:	Baseball 10 RF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	29.09
Maximum:	36
Minimum:	19
Avg / Min:	1.52
Max / Min:	1.89
UG (adjacent pts):	1.35
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	J
No. of Luminaires:	24
Total Load:	27.04 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A5	70'	-	70'	TLC-LED-1500	1	1	0
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	2	3
1	A6	70'	-	70'	TLC-LED-1500	1/1*	1	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
1	B9	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
1	B10	70'	-	70'	TLC-LED-1200	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration

Cornerstone Park Athletic Complex
Starkville,MS

GRID SUMMARY

Name: Baseball 10
Size: 225'/225'/225' - basepath 60'
Spacing: 20.0' x 20.0'
Height: 3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	55.11	32.49
Maximum:	62	45
Minimum:	39	19
Avg / Min:	1.40	1.70
Guaranteed Max / Min:	2	2.5
Max / Min:	1.59	2.34
UG (adjacent pts):	1.19	1.52
CU:	0.61	
No. of Points:	25	94

LUMINAIRE INFORMATION

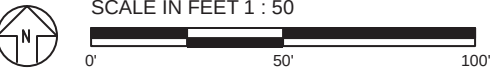
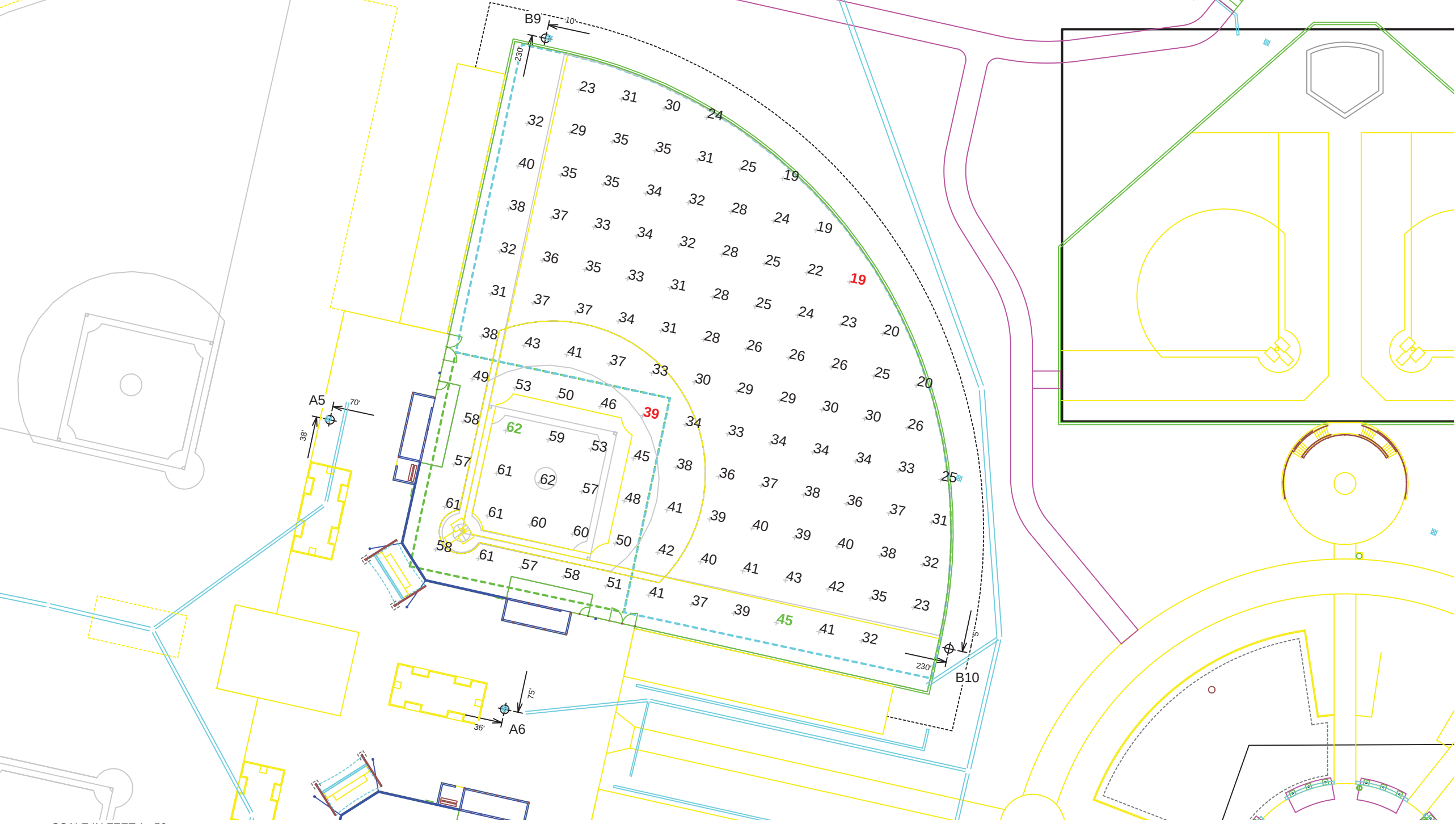
Applied Circuits: J
No. of Luminaires: 24
Total Load: 27.04 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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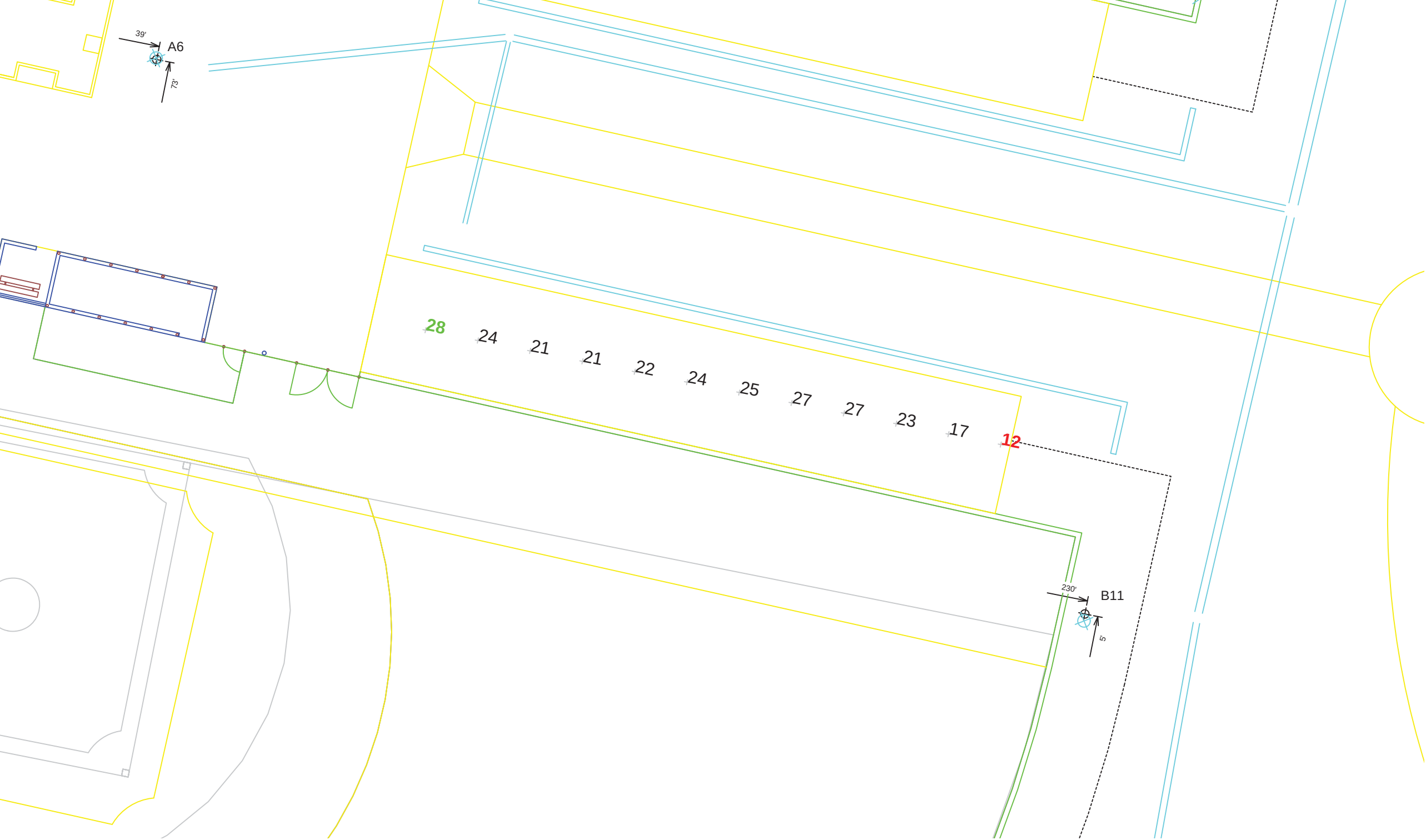


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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A6	70'	-	70'	TLC-LED-1500	1/1*	1	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
1	A7	70'	-	70'	TLC-LED-1500	1	1	0
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	2	3
2	B11-B12	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex

Starkville, MS

GRID SUMMARY	
Name:	Baseball 9 LF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	22.56
Maximum:	28
Minimum:	12
Avg / Min:	1.84
Max / Min:	2.25
UG (adjacent pts):	1.42
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	1
No. of Luminaires:	24
Total Load:	26.45 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



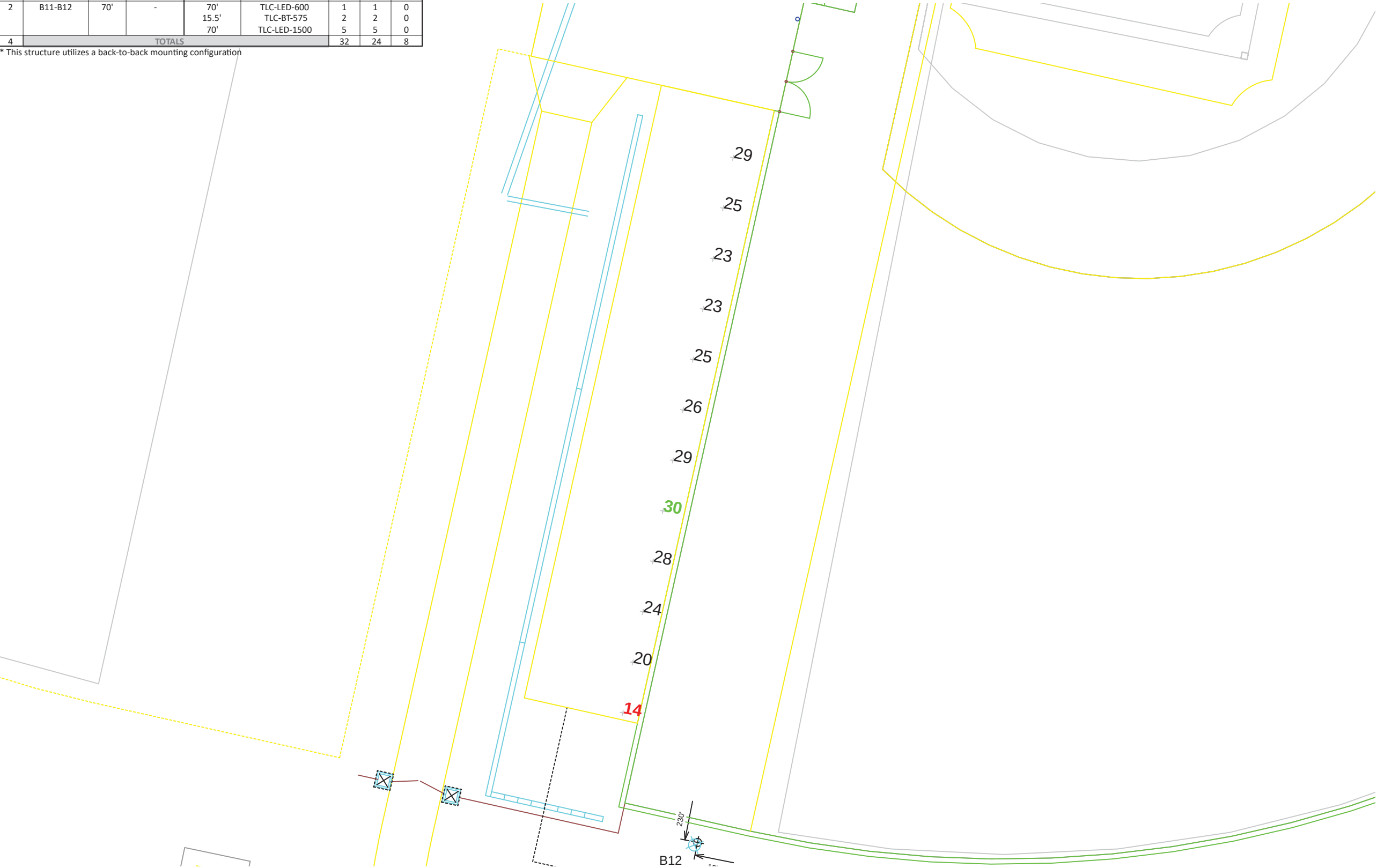
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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A6	70'	-	70'	TLC-LED-1500	1/1*	1	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
1	A7	70'	-	70'	TLC-LED-1500	1	1	0
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	2	3
2	B11-B12	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex

Starkville,MS

GRID SUMMARY	
Name:	Baseball 9 RF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	24.65
Maximum:	30
Minimum:	14
Avg / Min:	1.71
Max / Min:	2.09
UG (adjacent pts):	1.37
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	1
No. of Luminaires:	24
Total Load:	26.45 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



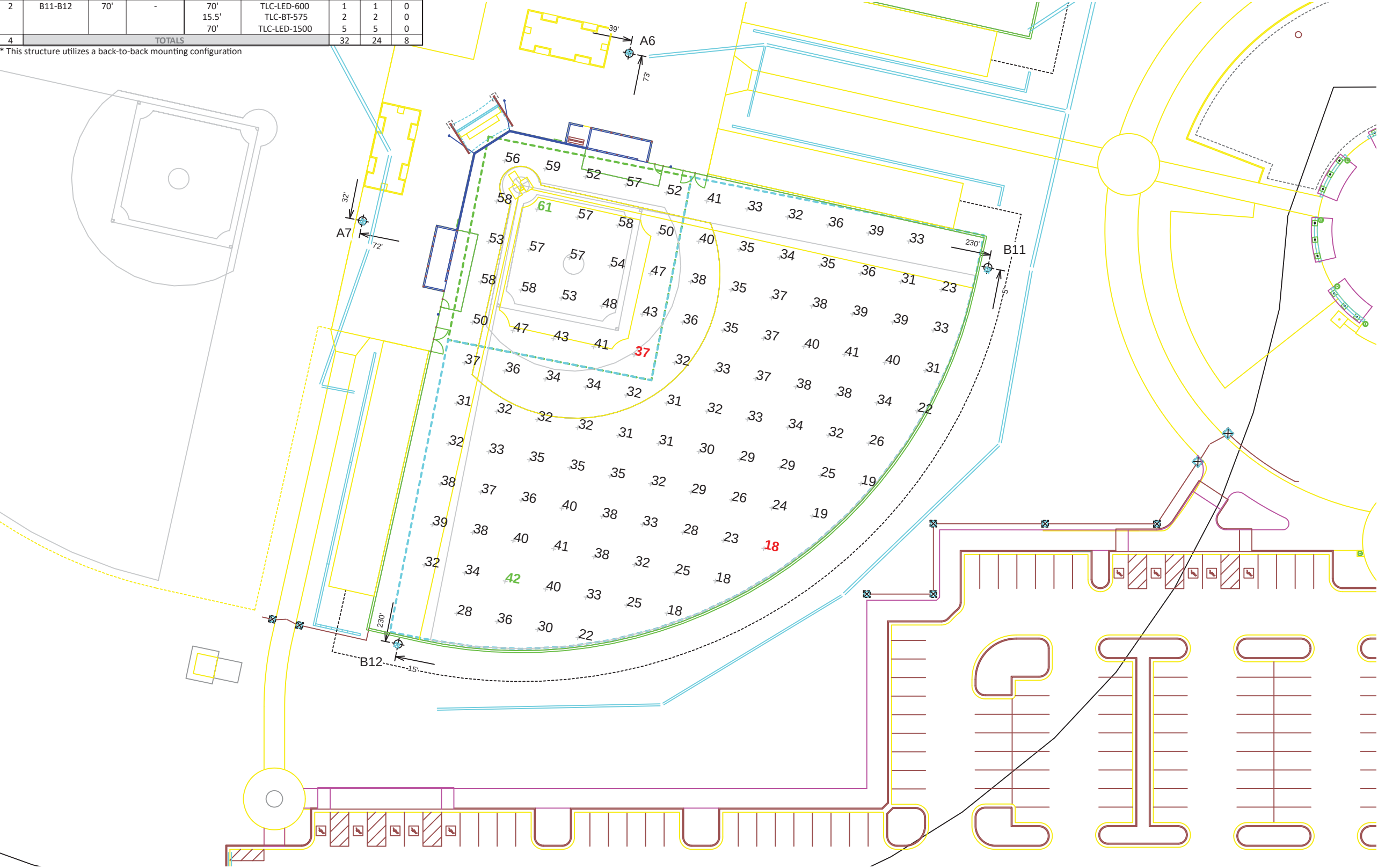
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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A6	70'	-	70'	TLC-LED-1500	1/1*	1	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
1	A7	70'	-	70'	TLC-LED-1500	1	1	0
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	2	3
2	B11-B12	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex
Starkville, MS

GRID SUMMARY	
Name:	Baseball 9
Size:	225'/225'/225' - basepath 60'
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY		
MAINTAINED HORIZONTAL FOOTCANDLES		
	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	52.18	32.83
Maximum:	61	42
Minimum:	37	18
Avg / Min:	1.41	1.82
Guaranteed Max / Min:	2	2.5
Max / Min:	1.64	2.31
UG (adjacent pts):	1.24	1.53
CU:	0.62	
No. of Points:	25	94
LUMINAIRE INFORMATION		
Applied Circuits:	1	
No. of Luminaires:	24	
Total Load:	26.45 kW	

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

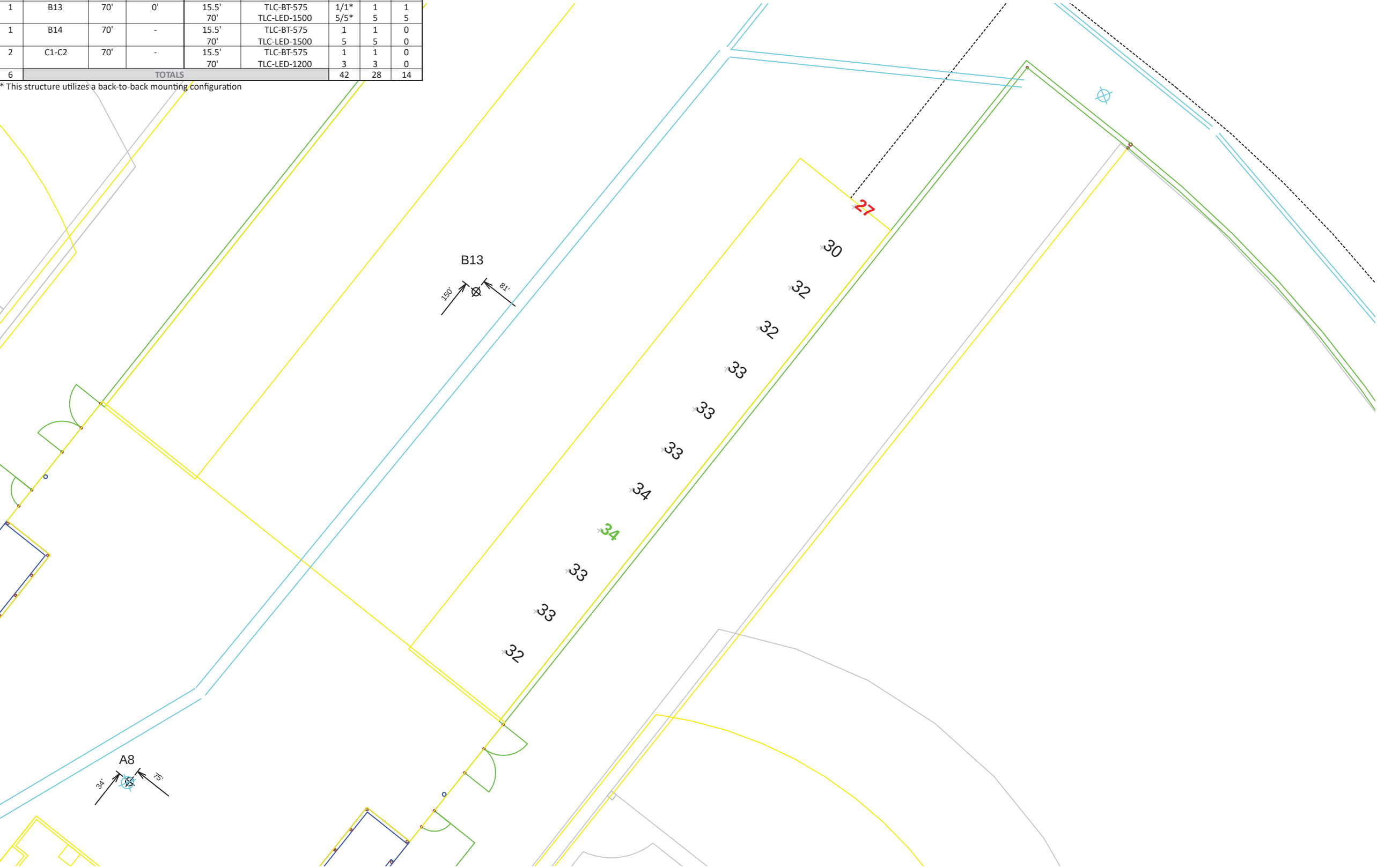


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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A8	70'	0'	70'	TLC-LED-1500	1	1	0
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	2	3
1	A9	70'	0'	70'	TLC-LED-1500	1/1*	1	1
				15.54'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
1	B13	70'	0'	15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1500	5/5*	5	5
1	B14	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1500	5	5	0
2	C1-C2	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1200	3	3	0
6	TOTALS					42	28	14

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex

Starkville, MS

GRID SUMMARY	
Name:	Baseball 7 LF Bullpen
Size:	250'/250'/250' - basepath 90'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	32.20
Maximum:	34
Minimum:	27
Avg / Min:	1.21
Max / Min:	1.27
UG (adjacent pts):	1.13
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	G
No. of Luminaires:	28
Total Load:	32.31 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

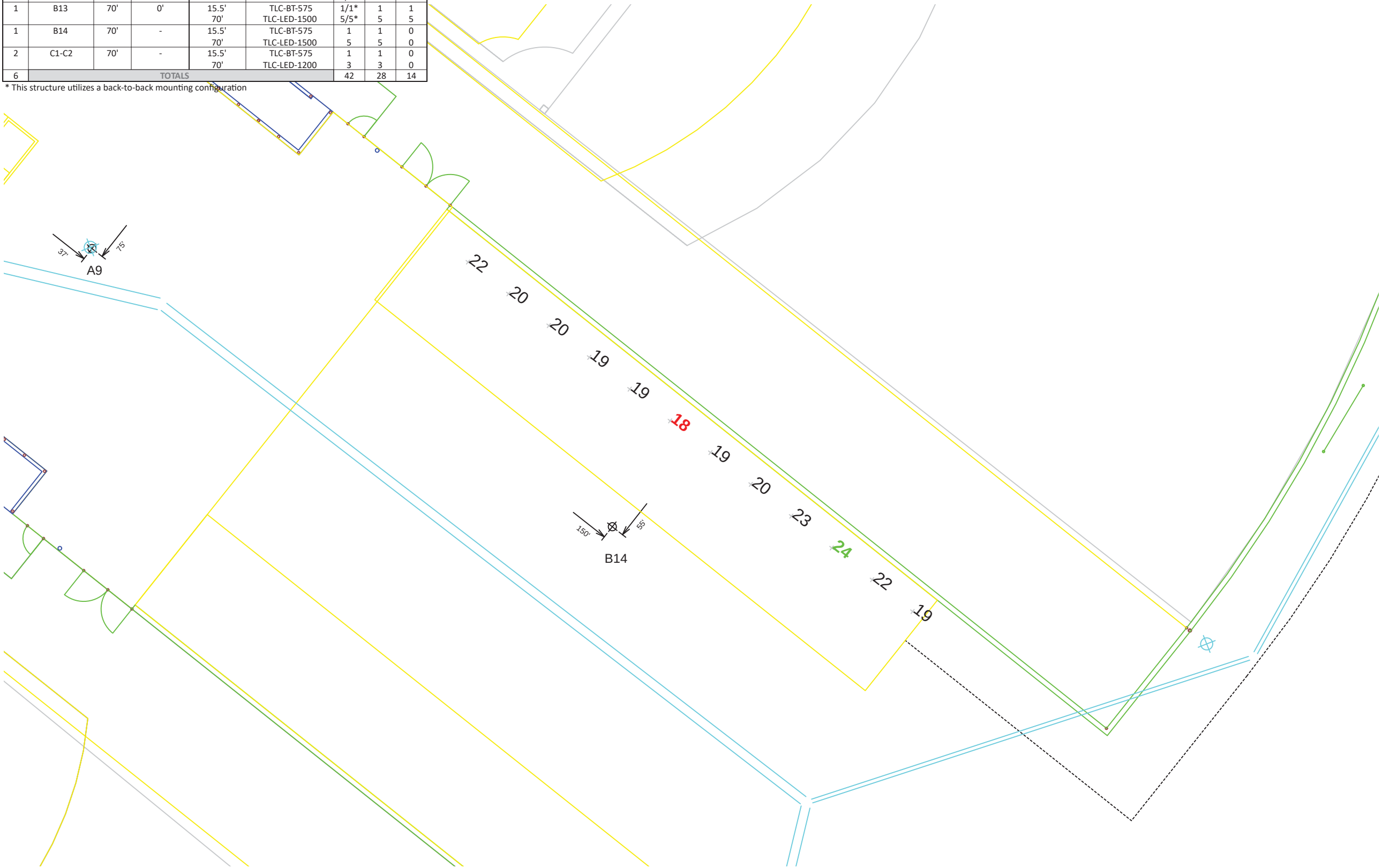


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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A8	70'	0'	70'	TLC-LED-1500	1	1	0
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	2	3
1	A9	70'	0'	70'	TLC-LED-1500	1/1*	1	1
				15.54'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
1	B13	70'	0'	15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1500	5/5*	5	5
1	B14	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1500	5	5	0
2	C1-C2	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1200	3	3	0
6	TOTALS					42	28	14

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex

Starkville,MS

GRID SUMMARY	
Name:	Baseball 7 RF Bullpen
Size:	250'/250'/250' - basepath 90'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	20.46
Maximum:	24
Minimum:	18
Avg / Min:	1.13
Max / Min:	1.32
UG (adjacent pts):	1.21
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	G
No. of Luminaires:	28
Total Load:	32.31 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

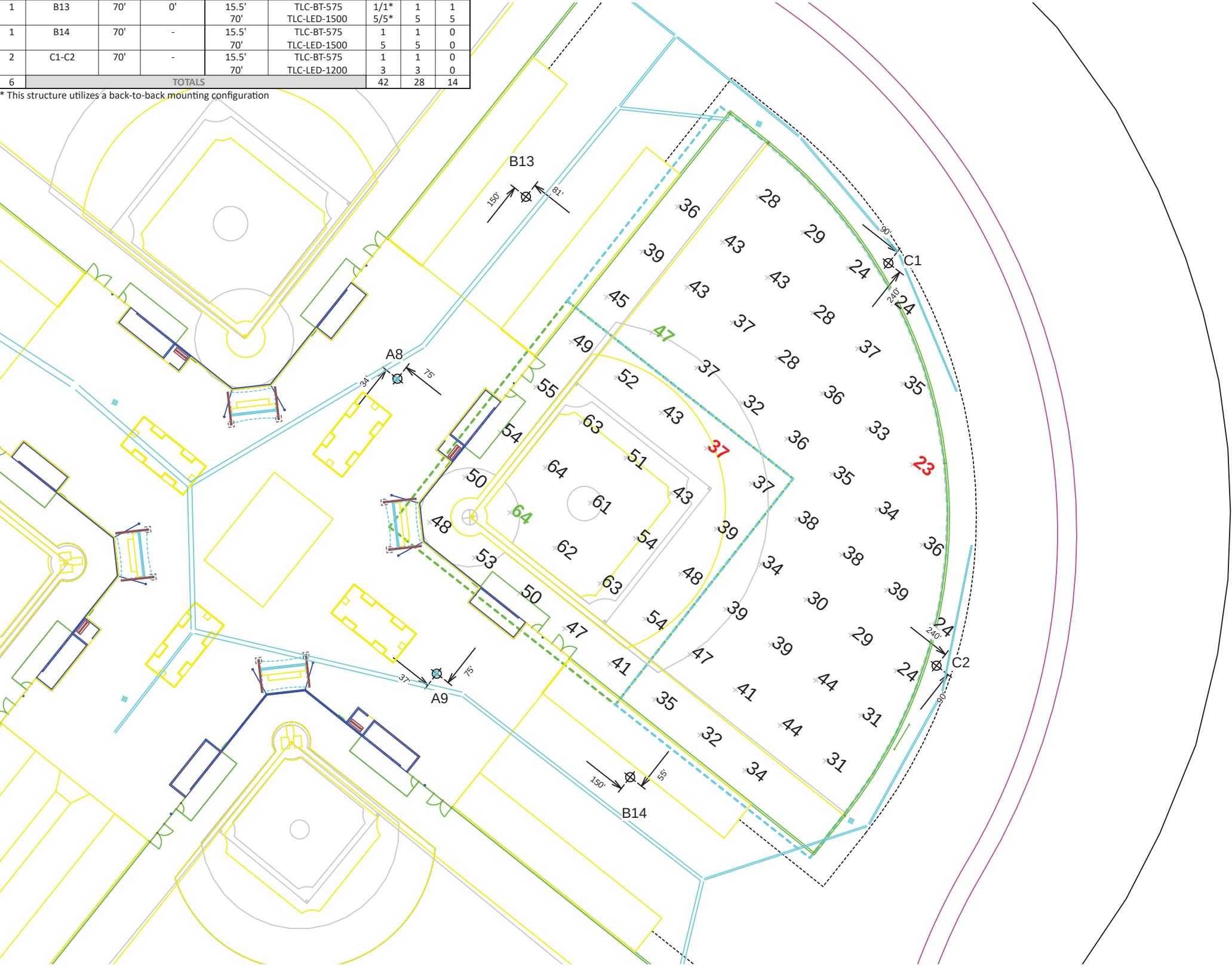


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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN							
Pole				Luminaires			
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
1	A8	70'	0'	70'	TLC-LED-1500	1	1
				15.5'	TLC-BT-575	1/1*	1
				70'	TLC-LED-1200	2/3*	2
1	A9	70'	0'	70'	TLC-LED-1500	1/1*	1
				15.54'	TLC-BT-575	1/1*	1
				70'	TLC-LED-1200	2/2*	2
1	B13	70'	0'	15.5'	TLC-BT-575	1/1*	1
				70'	TLC-LED-1500	5/5*	5
1	B14	70'	-	15.5'	TLC-BT-575	1	1
				70'	TLC-LED-1500	5	5
2	C1-C2	70'	-	15.5'	TLC-BT-575	1	1
				70'	TLC-LED-1200	3	3
6	TOTALS					42	28

* This structure utilizes a back-to-back mounting configuration



Pole location(s) ⚓ dimensions are relative to 0,0 reference point(s) ⊗

Cornerstone Park Athletic Complex

Starkville, MS

GRID SUMMARY	
Name:	Baseball 7
Size:	250'/250'/250' - basepath 90'
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY		
MAINTAINED HORIZONTAL FOOTCANDLES		
	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	51.36	35.08
Maximum:	64	47
Minimum:	37	23
Avg / Min:	1.39	1.51
Guaranteed Max / Min:	2	2.5
Max / Min:	1.72	2.03
UG (adjacent pts):	1.33	1.62
CU:	0.72	
No. of Points:	25	44
LUMINAIRE INFORMATION		
Applied Circuits:	G	
No. of Luminaires:	28	
Total Load:	32.31 kW	

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

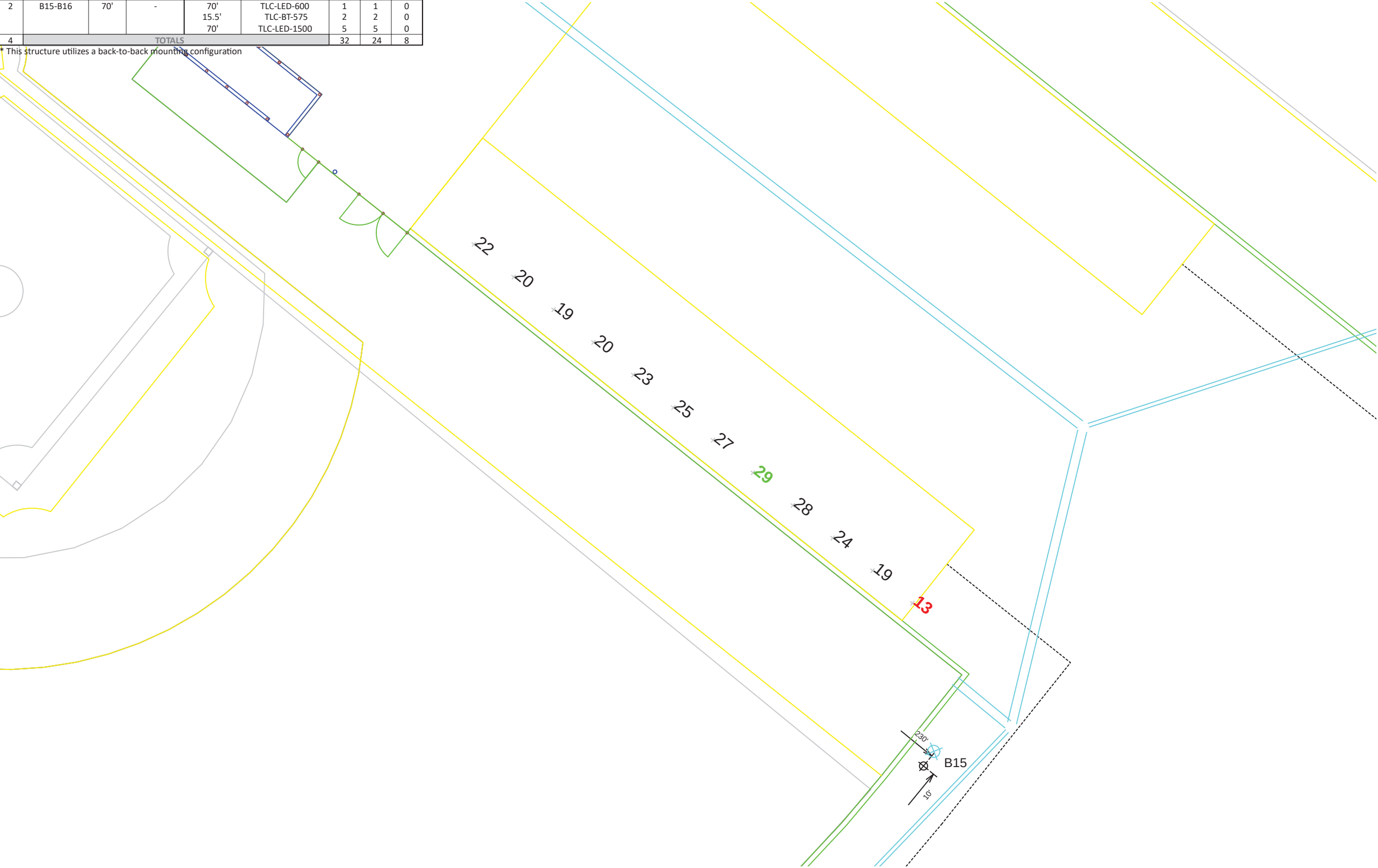


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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A9	70'	0'	70'	TLC-LED-1500	1/1*	1	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
1	A10	70'	0'	70'	TLC-LED-1500	1/1*	1	1
				15.48'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
2	B15-B16	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex

Starkville,MS

GRID SUMMARY	
Name:	Baseball 8 LF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	22.40
Maximum:	29
Minimum:	13
Avg / Min:	1.68
Max / Min:	2.15
UG (adjacent pts):	1.40
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	H
No. of Luminaires:	24
Total Load:	26.45 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⦿ dimensions are relative to 0,0 reference point(s) ⊗

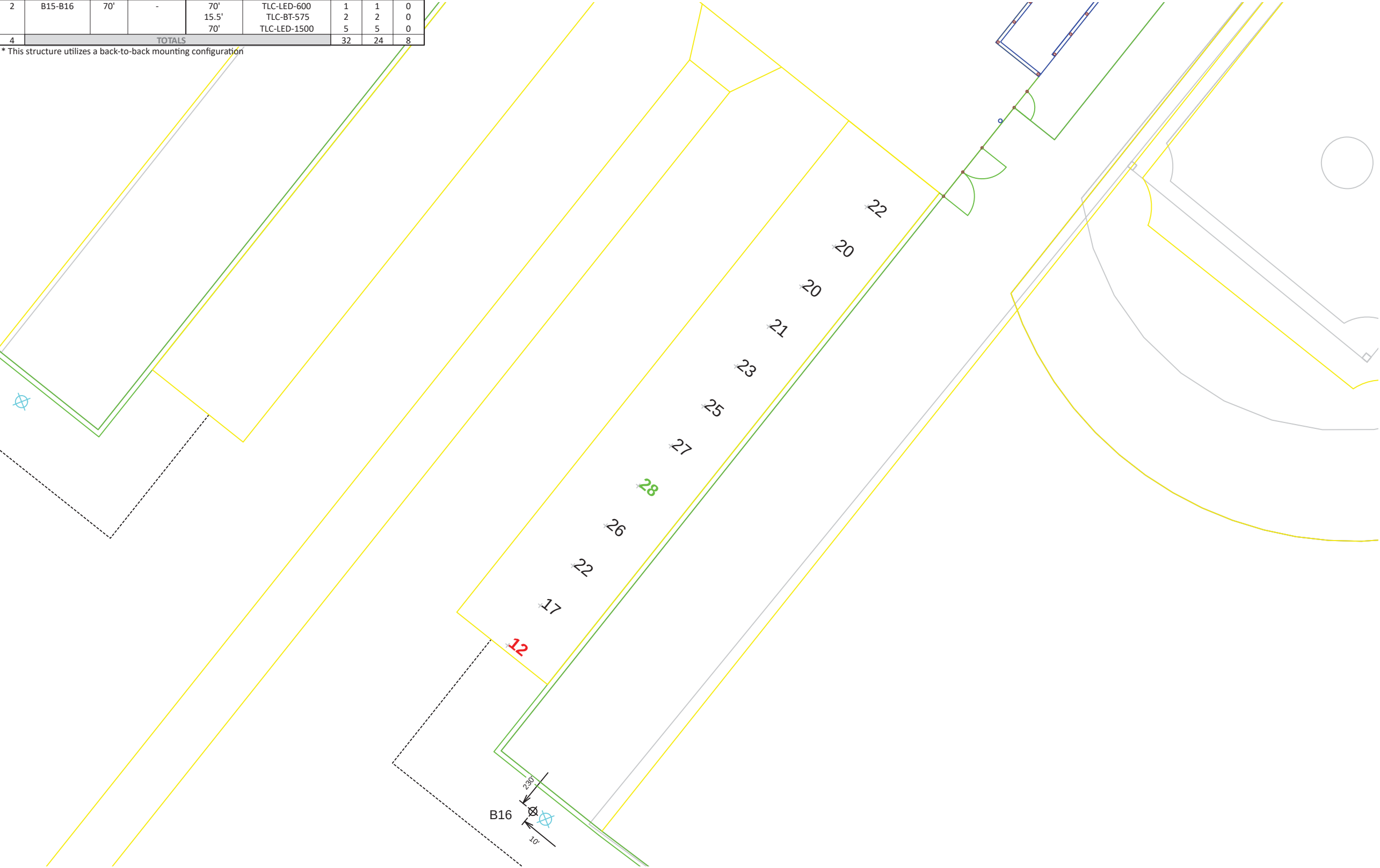


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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A9	70'	0'	70'	TLC-LED-1500	1/1*	1	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
1	A10	70'	0'	70'	TLC-LED-1500	1/1*	1	1
				15.48'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
2	B15-B16	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex

Starkville,MS

GRID SUMMARY	
Name:	Baseball 8 RF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	21.93
Maximum:	28
Minimum:	12
Avg / Min:	1.77
Max / Min:	2.27
UG (adjacent pts):	1.41
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	H
No. of Luminaires:	24
Total Load:	26.45 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⚓ dimensions are relative to 0,0 reference point(s) ⊗



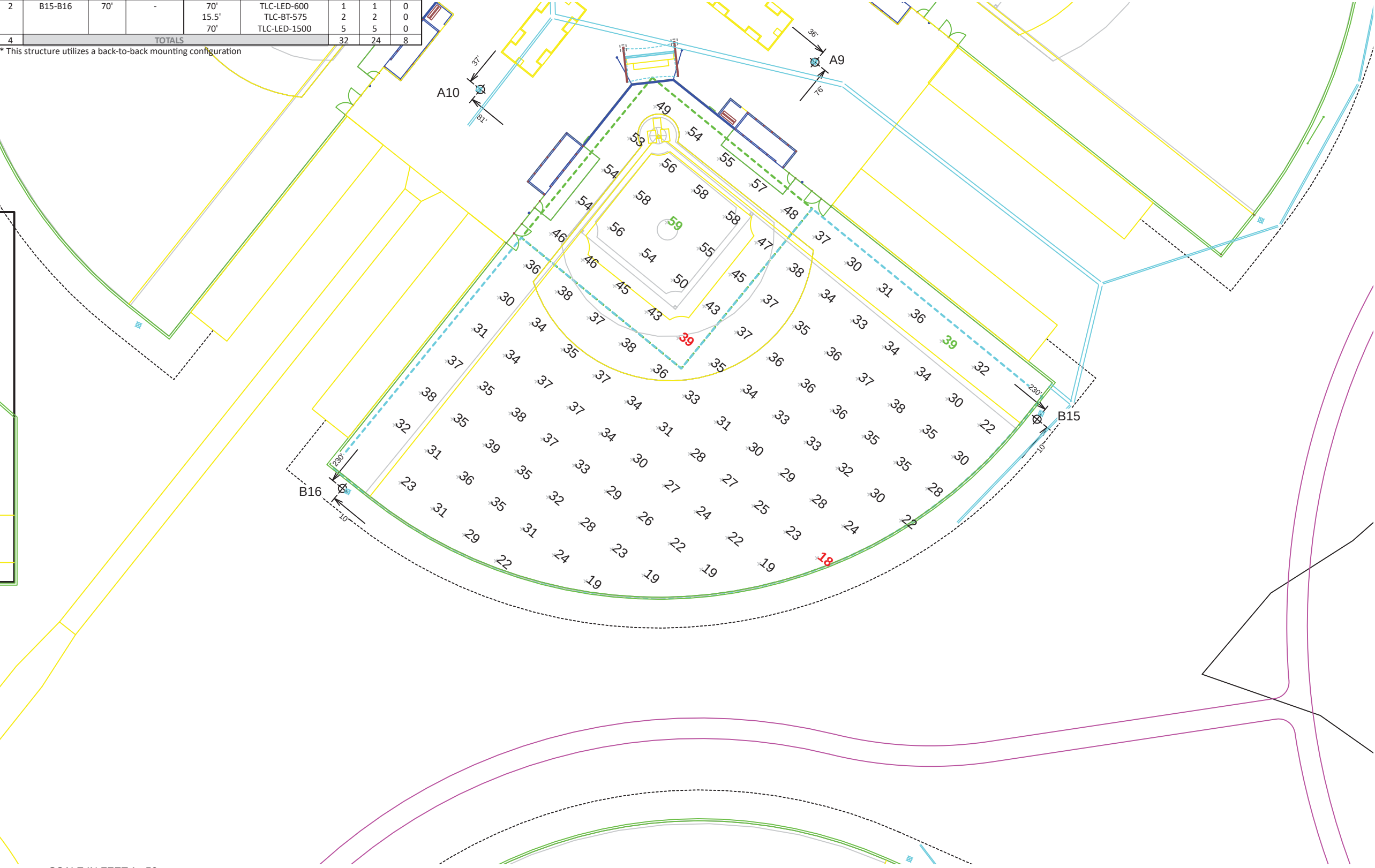
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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A9	70'	0'	70'	TLC-LED-1500	1/1*	1	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
1	A10	70'	0'	70'	TLC-LED-1500	1/1*	1	1
				15.48'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
2	B15-B16	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex
Starkville, MS

GRID SUMMARY	
Name:	Baseball 8
Size:	225'/225'/225' - basepath 60'
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY		
MAINTAINED HORIZONTAL FOOTCANDLES		
	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	51.29	31.37
Maximum:	59	39
Minimum:	39	18
Avg / Min:	1.30	1.73
Guaranteed Max / Min:	2	2.5
Max / Min:	1.49	2.13
UG (adjacent pts):	1.24	1.38
CU:	0.60	
No. of Points:	25	94
LUMINAIRE INFORMATION		
Applied Circuits:	H	
No. of Luminaires:	24	
Total Load:	26.45 kW	

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⚡ dimensions are relative to 0,0 reference point(s) ⊗



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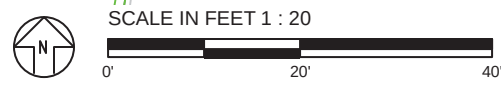
ILLUMINATION SUMMARY

Starkville,MS

* This structure utilizes a back-to-back mounting configuration

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOT CANDLES	
	Entire Grid
Scan Average:	22.19
Maximum:	28
Minimum:	12
Avg / Min:	1.79
Max / Min:	2.23
UG (adjacent pts):	1.40
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	E
No. of Luminaires:	24
Total Load:	26.45 kW

Installation Requirements: Results assume $\pm 3\%$ nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A10	70'	-	70'	TLC-LED-1500	1/1*	1	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
1	A11	70'	0'	70'	TLC-LED-1500	1*	1	0
				15.46'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	3/2*	2	3
2	B17-B18	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration

Cornerstone Park Athletic Complex
Starkville,MS

GRID SUMMARY

Name:	Baseball 5
Size:	225'/225'/225' - basepath 60'
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY

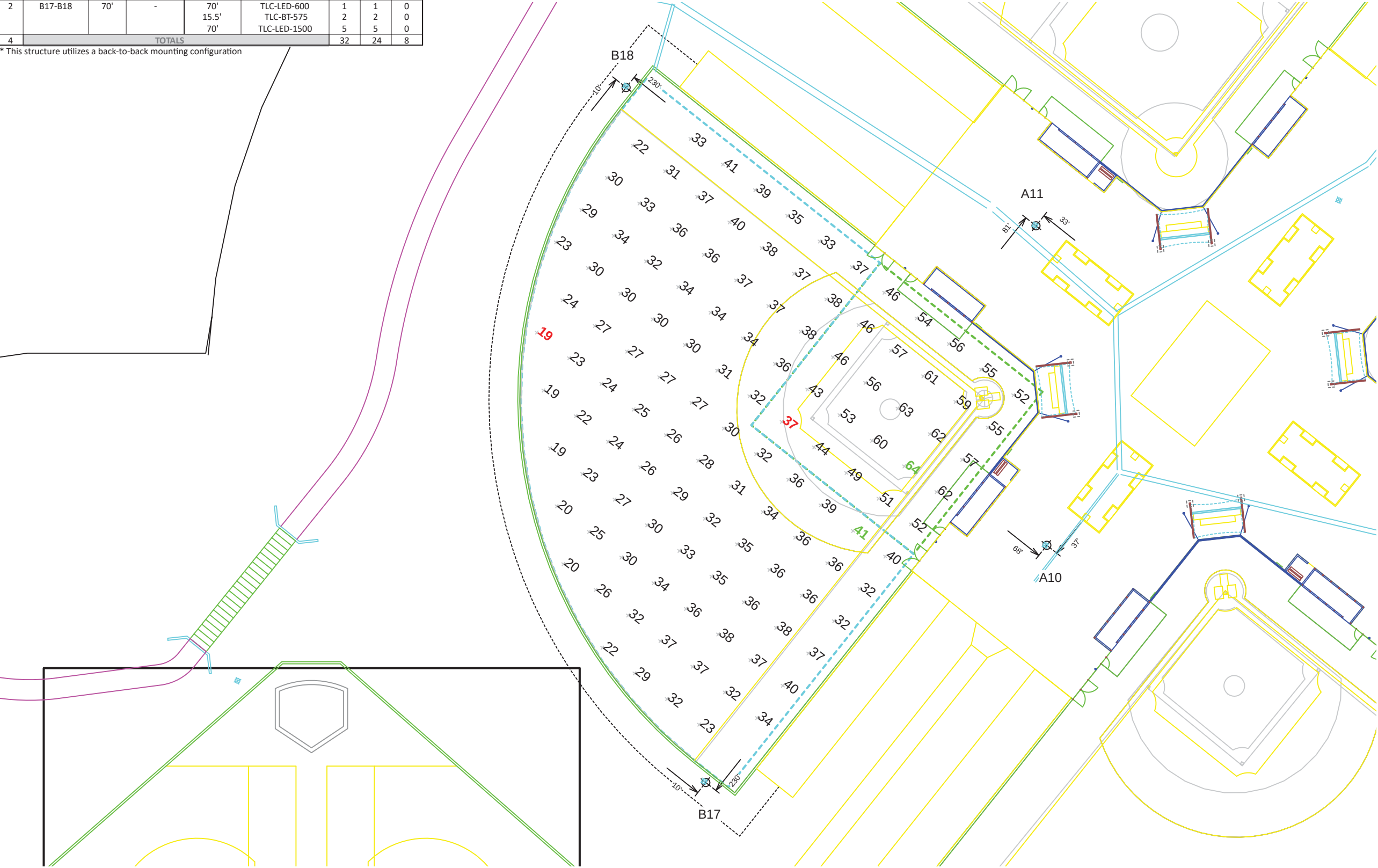
MAINTAINED HORIZONTAL FOOTCANDLES		
	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	53.54	31.52
Maximum:	64	41
Minimum:	37	19
Avg / Min:	1.46	1.68
Guaranteed Max / Min:	2	2.5
Max / Min:	1.74	2.18
UG (adjacent pts):	1.26	1.46
CU:	0.61	
No. of Points:	25	94
LUMINAIRE INFORMATION		
Applied Circuits:	E	
No. of Luminaires:	24	
Total Load:	26.45 kW	

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

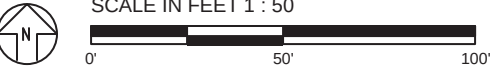
Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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ILLUMINATION SUMMARY



EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A10	70'	-	70'	TLC-LED-1500	1/1*	1	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/2*	2	2
1	A11	70'	0'	70'	TLC-LED-1500	1*	1	0
				15.46'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	3/2*	2	3
2	B17-B18	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration

Cornerstone Park Athletic Complex
Starkville,MS

GRID SUMMARY	
Name:	Baseball 5 LF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

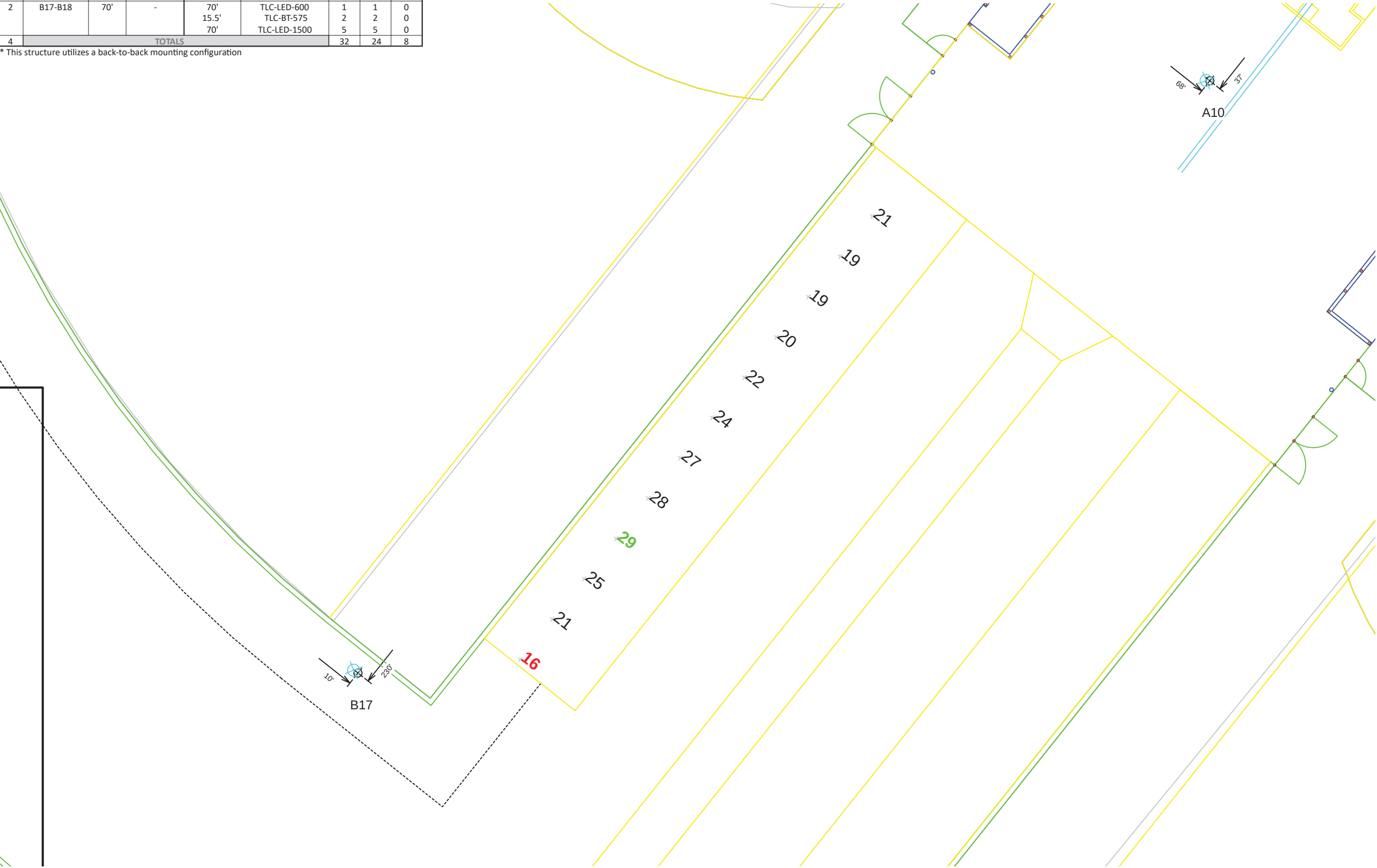
ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	22.62
Maximum:	29
Minimum:	16
Avg / Min:	1.44
Max / Min:	1.82
UG (adjacent pts):	1.32
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	E
No. of Luminaires:	24
Total Load:	26.45 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⚓ dimensions are relative to 0,0 reference point(s) ⊗

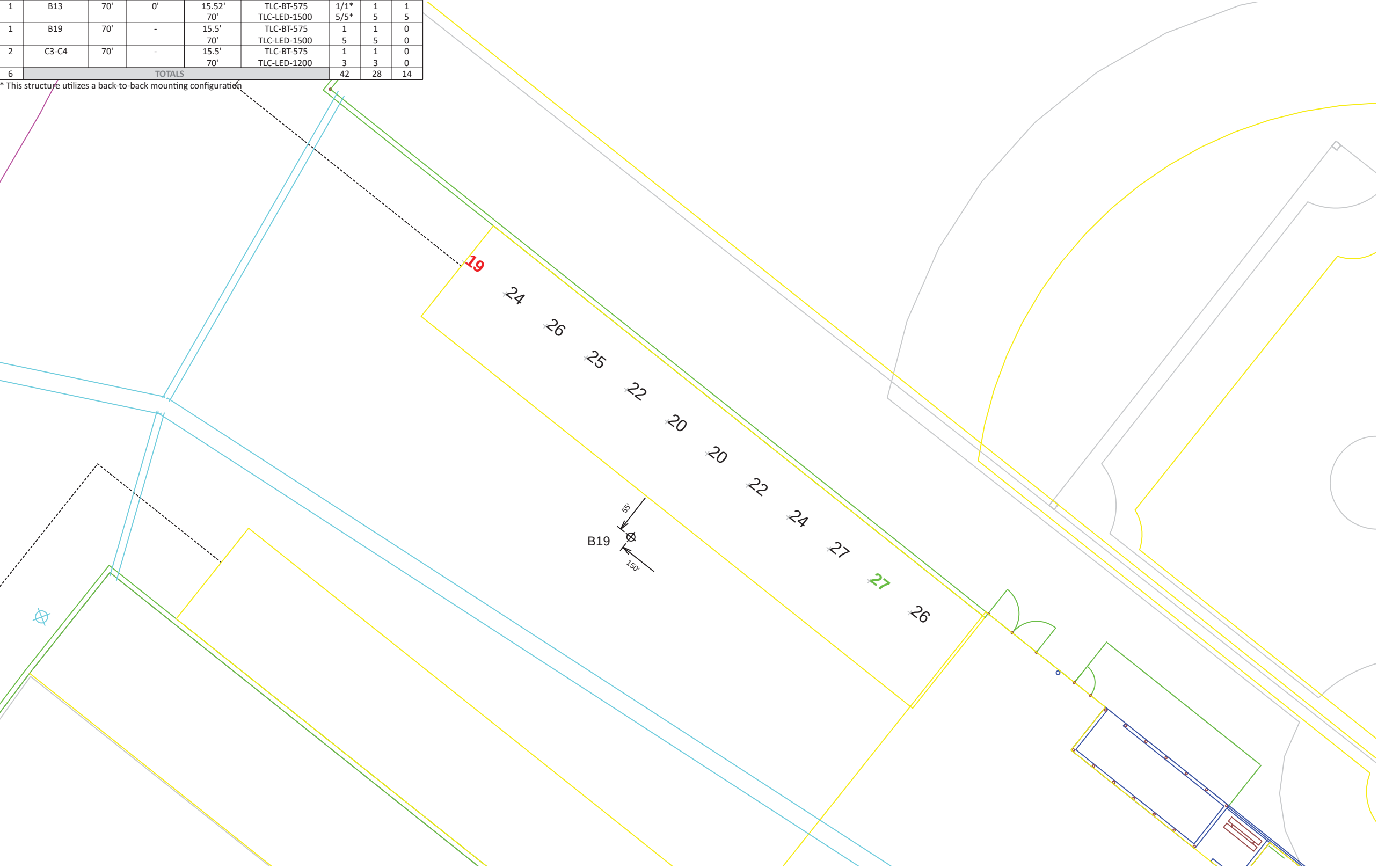


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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A8	70'	0'	70'	TLC-LED-1500	1	0	1
				15.52'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	3	2
1	A11	70'	-	70'	TLC-LED-1500	1*	0	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	3/2*	3	2
1	B13	70'	0'	15.52'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1500	5/5*	5	5
1	B19	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1500	5	5	0
2	C3-C4	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1200	3	3	0
6	TOTALS					42	28	14

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex

Starkville,MS

GRID SUMMARY	
Name:	Baseball 6 LF Bullpen
Size:	250'/250'/250' - basepath 90'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	23.54
Maximum:	27
Minimum:	19
Avg / Min:	1.22
Max / Min:	1.38
UG (adjacent pts):	1.24
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	F
No. of Luminaires:	28
Total Load:	31.79 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

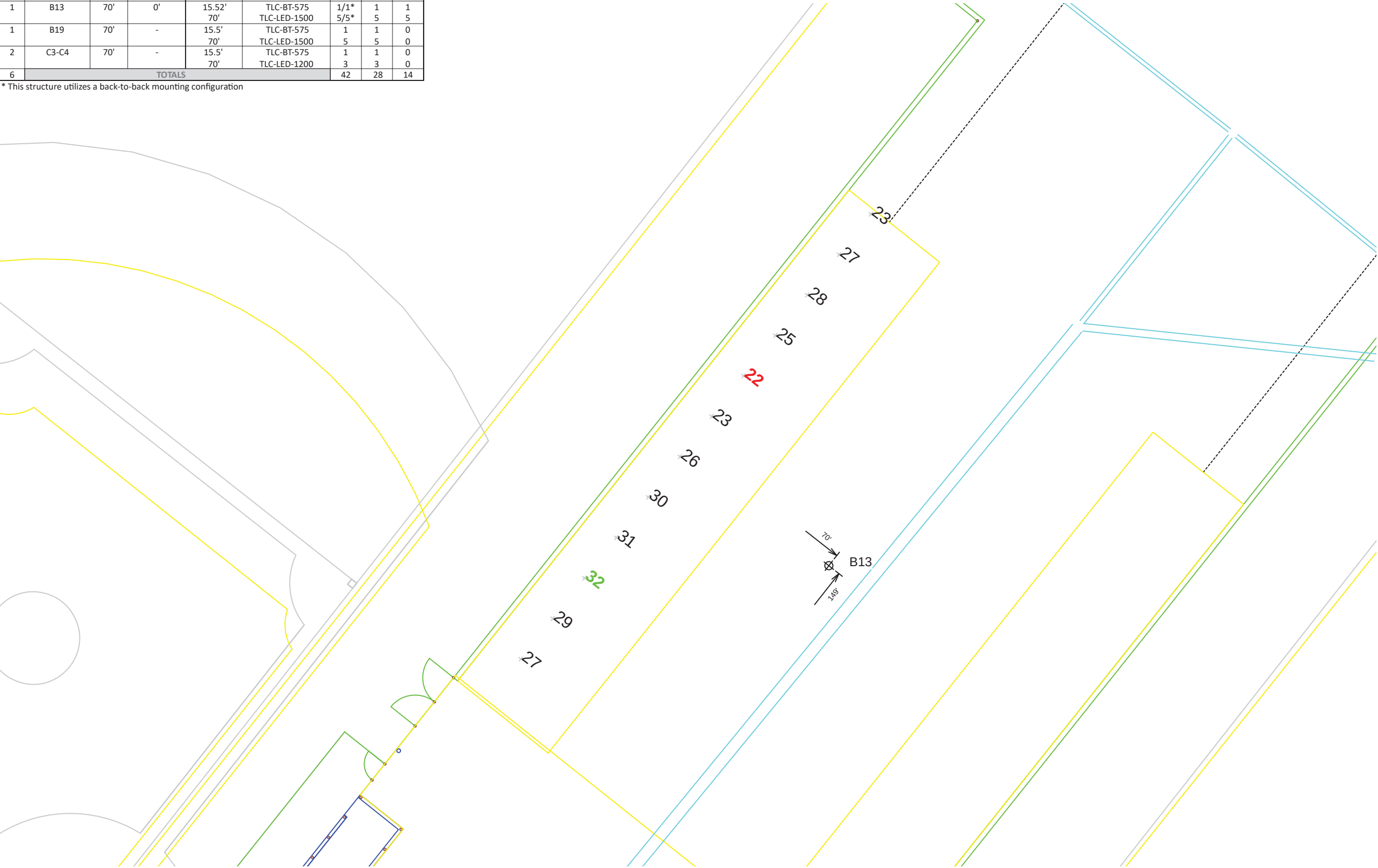
Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A8	70'	0'	70'	TLC-LED-1500	1	0	1
				15.52'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	3	2
1	A11	70'	-	70'	TLC-LED-1500	1*	0	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	3/2*	3	2
1	B13	70'	0'	15.52'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1500	5/5*	5	5
1	B19	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1500	5	5	0
2	C3-C4	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1200	3	3	0
6	TOTALS					42	28	14

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex

Starkville, MS

GRID SUMMARY	
Name:	Baseball 6 RF Bullpen
Size:	250'/250'/250' - basepath 90'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	26.91
Maximum:	32
Minimum:	22
Avg / Min:	1.20
Max / Min:	1.41
UG (adjacent pts):	1.20
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	F
No. of Luminaires:	28
Total Load:	31.79 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A8	70'	0'	70'	TLC-LED-1500	1	0	1
				15.52'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	3	2
1	A11	70'	-	70'	TLC-LED-1500	1*	0	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	3/2*	3	2
1	B13	70'	0'	15.52'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1500	5/5*	5	5
1	B19	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1500	5	5	0
2	C3-C4	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1200	3	3	0
6	TOTALS					42	28	14

* This structure utilizes a back-to-back mounting configuration

Cornerstone Park Athletic Complex
Starkville,MS

GRID SUMMARY

Name:	Baseball 6
Size:	250'/250'/250' - basepath 90'
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES		
	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	52.71	34.75
Maximum:	67	46
Minimum:	40	24
Avg / Min:	1.32	1.45
Guaranteed Max / Min:	2	2.5
Max / Min:	1.67	1.93
UG (adjacent pts):	1.33	1.62
CU:	0.74	
No. of Points:	25	44

LUMINAIRE INFORMATION

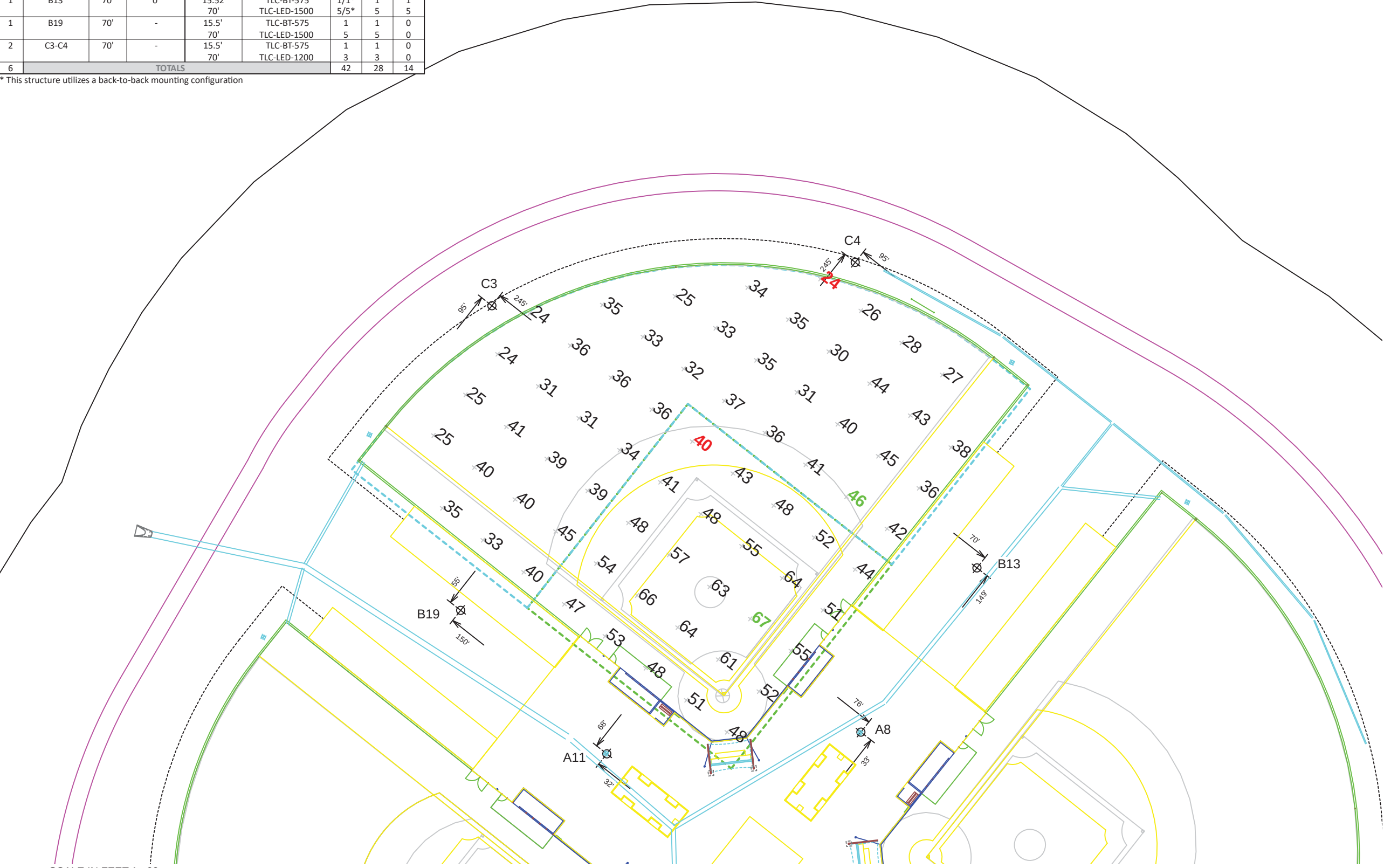
Applied Circuits:	F
No. of Luminaires:	28
Total Load:	31.79 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



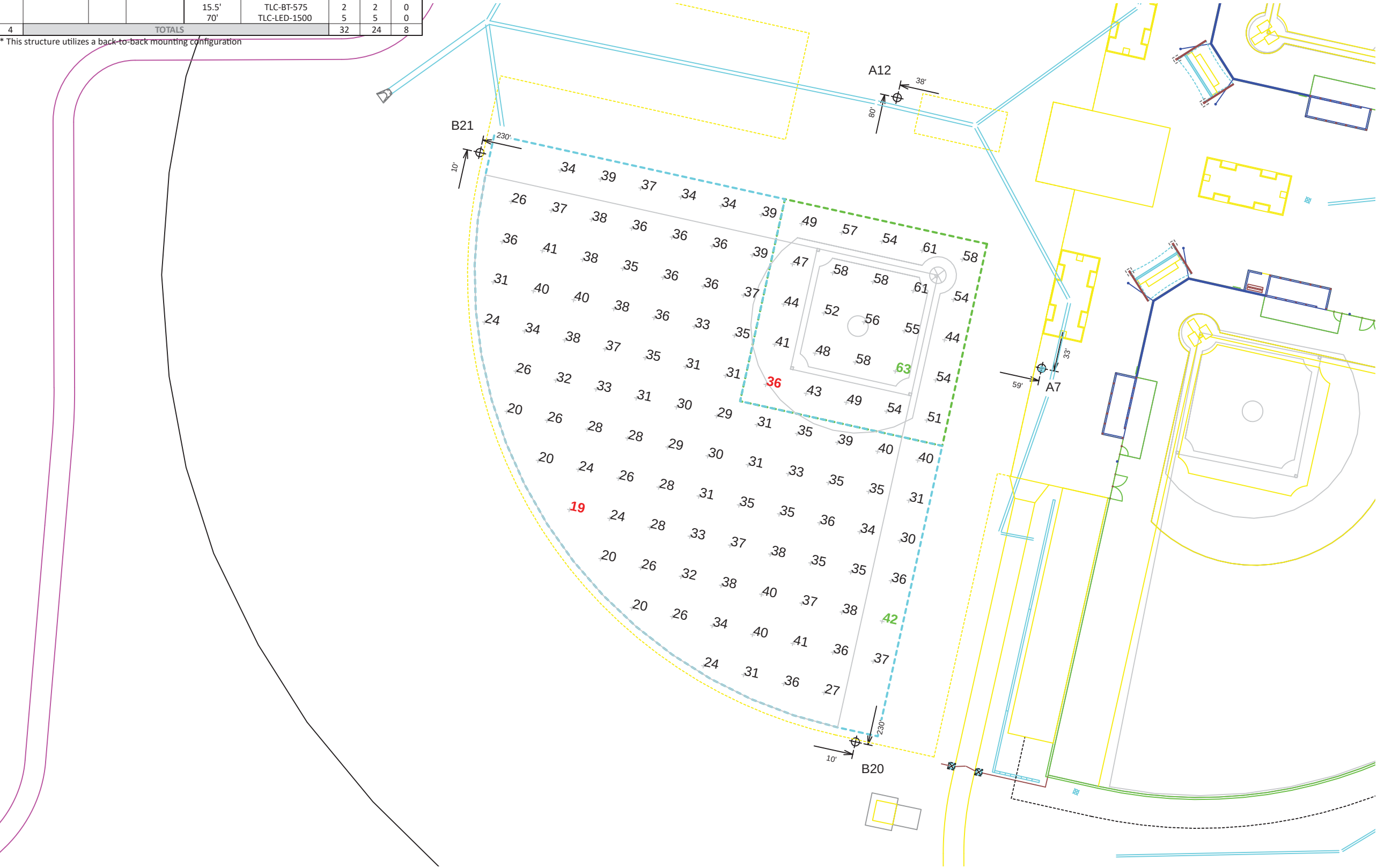
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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A7	70'	-	70'	TLC-LED-1500	1	0	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	3	2
1	A12	70'	-	15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	3/3*	3	3
				70'	TLC-LED-600	1	1	0
2	B20-B21	70'	-	15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
				70'	TLC-LED-1500			
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex
Starkville, MS

GRID SUMMARY	
Name:	Baseball 11
Size:	225'/225'/225' - basepath 60'
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY		
MAINTAINED HORIZONTAL FOOTCANDLES		
	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	52.24	33.02
Maximum:	63	42
Minimum:	36	19
Avg / Min:	1.44	1.77
Guaranteed Max / Min:	2	2.5
Max / Min:	1.73	2.25
UG (adjacent pts):	1.24	1.45
CU:	0.63	
No. of Points:	25	94
LUMINAIRE INFORMATION		
Applied Circuits:	L	
No. of Luminaires:	24	
Total Load:	25.93 kW	

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A7	70'	-	70'	TLC-LED-1500	1	0	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	3	2
1	A12	70'	-	15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	3/3*	3	3
2	B20-B21	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration

Cornerstone Park Athletic Complex

Starkville,MS

GRID SUMMARY	
Name:	Baseball 11 LF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

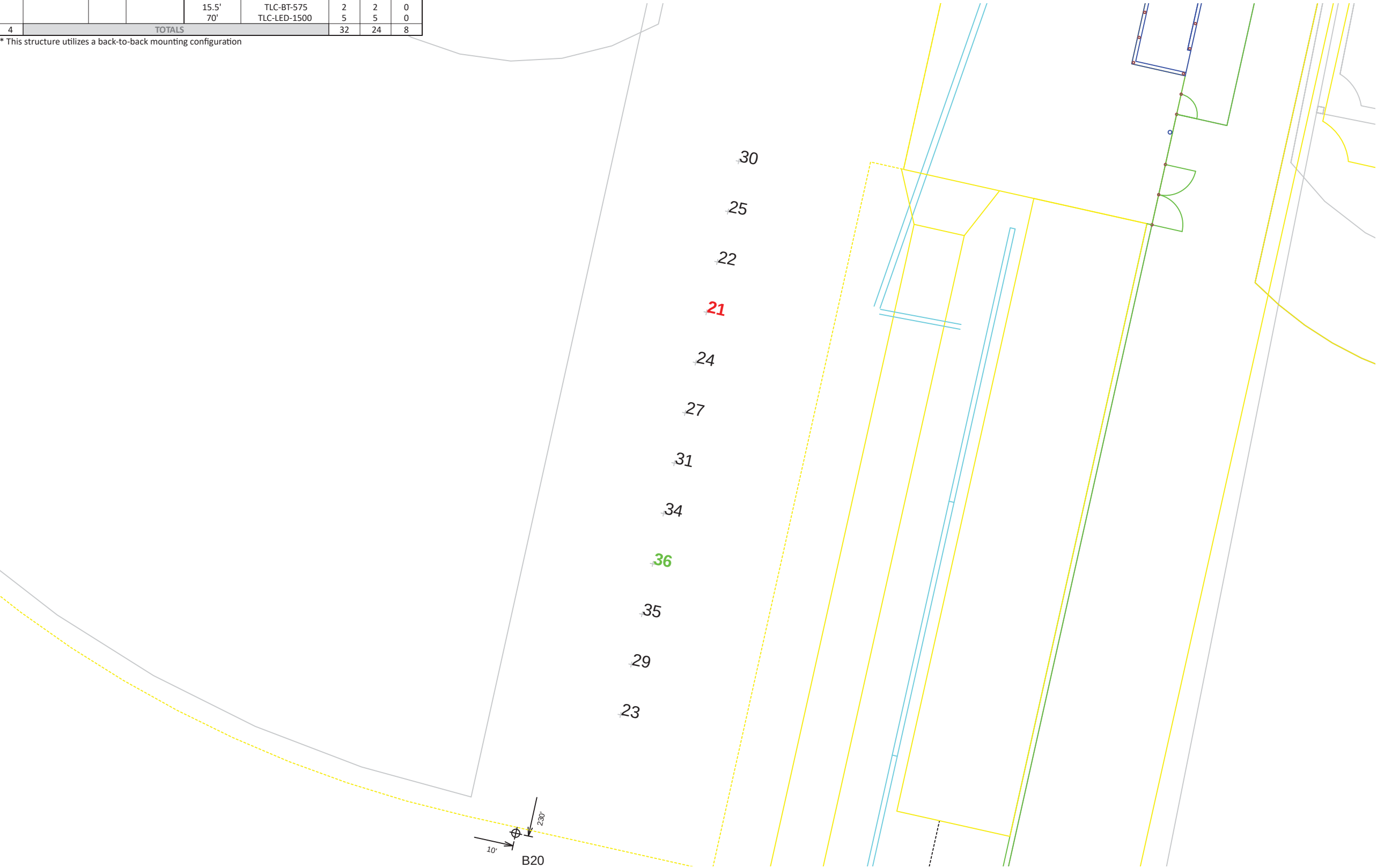
ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	28.01
Maximum:	36
Minimum:	21
Avg / Min:	1.30
Max / Min:	1.68
UG (adjacent pts):	1.26
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	L
No. of Luminaires:	24
Total Load:	25.93 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

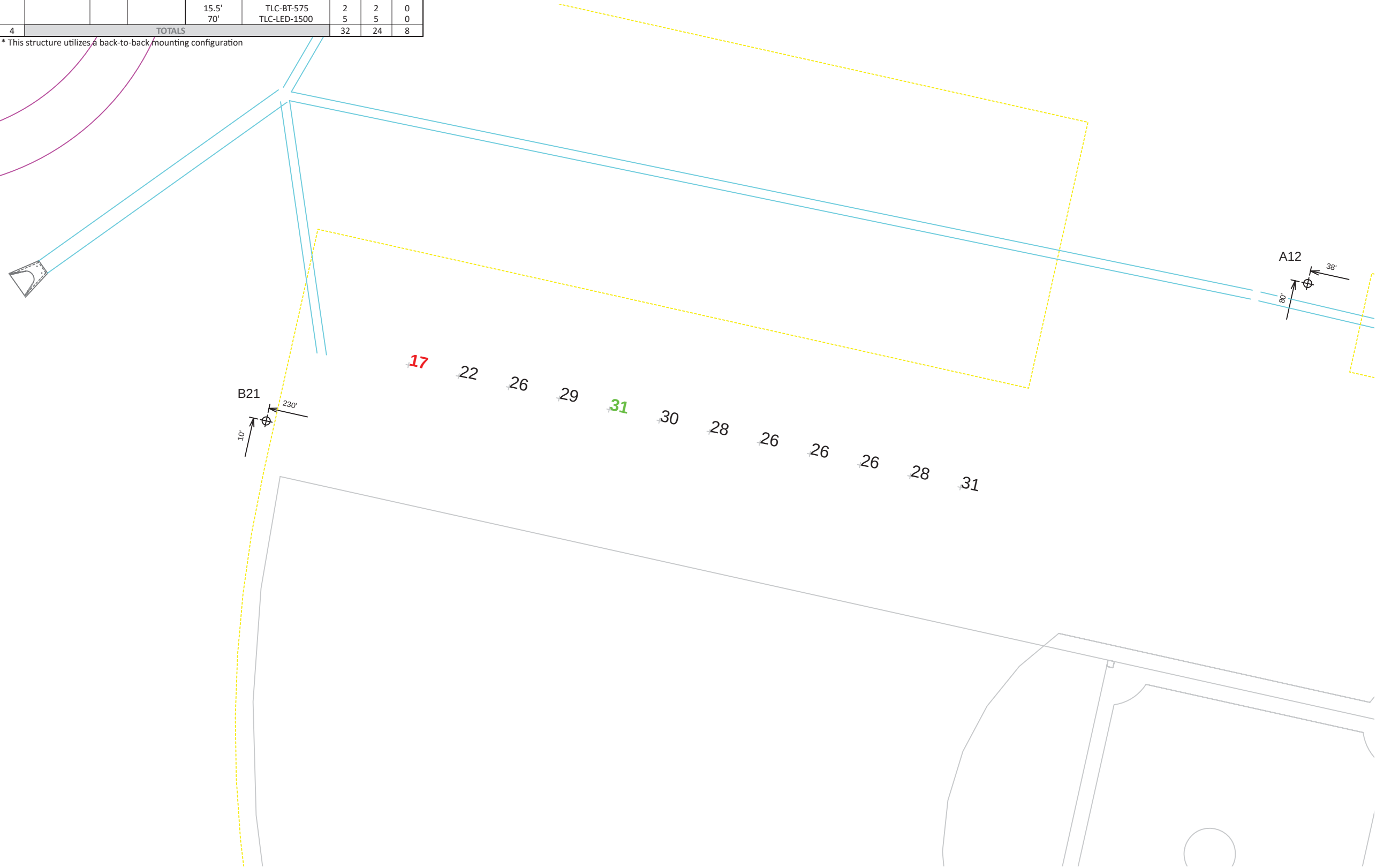
Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A7	70'	-	70'	TLC-LED-1500	1	0	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	3	2
1	A12	70'	-	15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	3/3*	3	3
2	B20-B21	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



Cornerstone Park Athletic Complex

Starkville, MS

GRID SUMMARY	
Name:	Baseball 11 RF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	26.56
Maximum:	31
Minimum:	17
Avg / Min:	1.58
Max / Min:	1.83
UG (adjacent pts):	1.32
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	L
No. of Luminaires:	24
Total Load:	25.93 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



ENGINEERED DESIGN By: · File #195501J3 · 07-Aug-20

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗



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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A5	70'	-	70'	TLC-LED-1500	1	0	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	3	2
1	A12	70'	-	15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	3/3*	3	3
2	B22-B23	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration

Cornerstone Park Athletic Complex

Starkville, MS

GRID SUMMARY	
Name:	Baseball 12
Size:	225'/225'/225' - basepath 60'
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

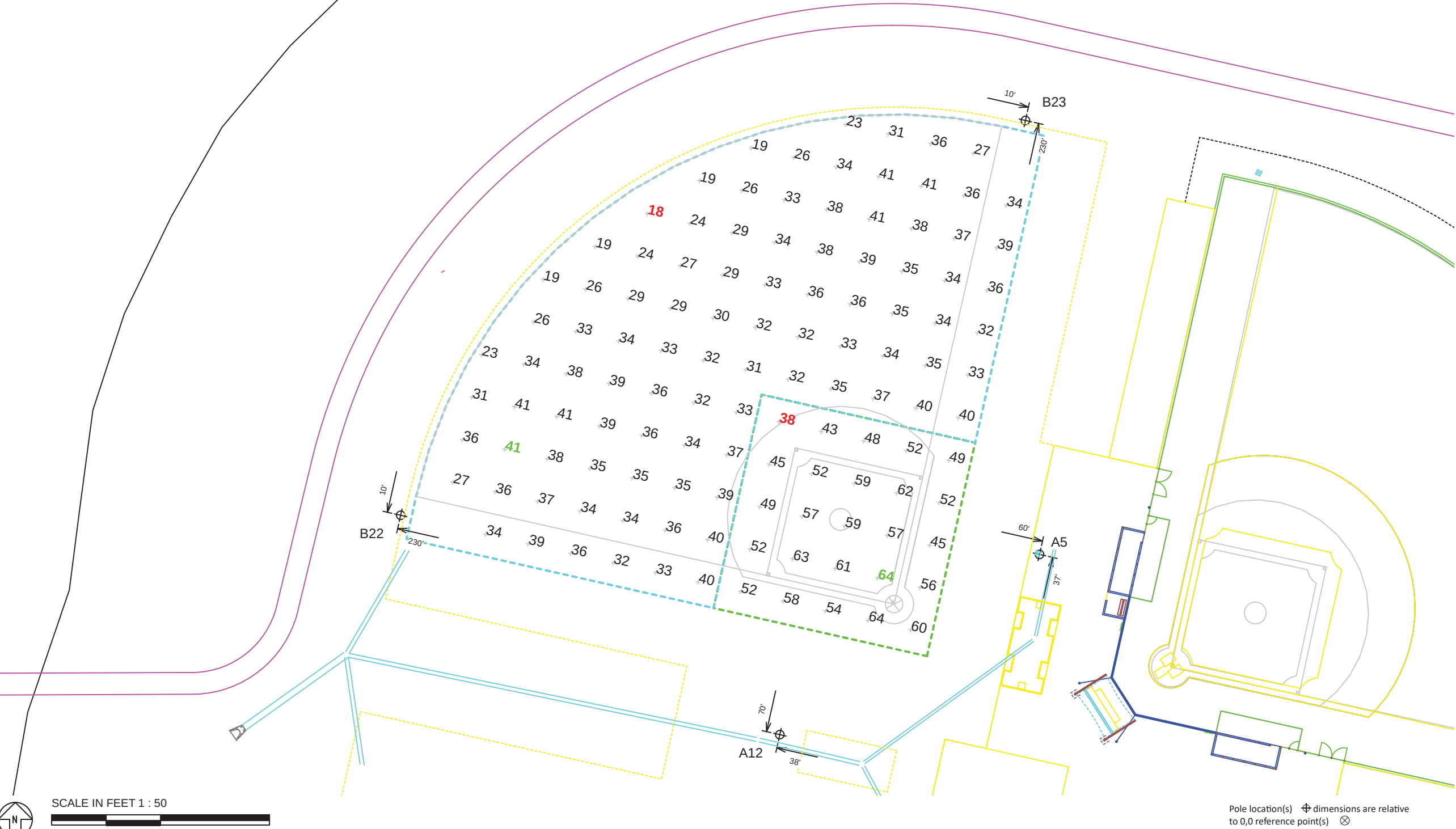
ILLUMINATION SUMMARY		
MAINTAINED HORIZONTAL FOOTCANDLES		
	Infield	Outfield
Guaranteed Average:	50	30
Scan Average:	54.02	33.25
Maximum:	64	41
Minimum:	38	18
Avg / Min:	1.42	1.80
Guaranteed Max / Min:	2	2.5
Max / Min:	1.68	2.25
UG (adjacent pts):	1.27	1.50
CU:	0.64	
No. of Points:	25	94
LUMINAIRE INFORMATION		
Applied Circuits:	M	
No. of Luminaires:	24	
Total Load:	25.93 kW	

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

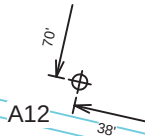
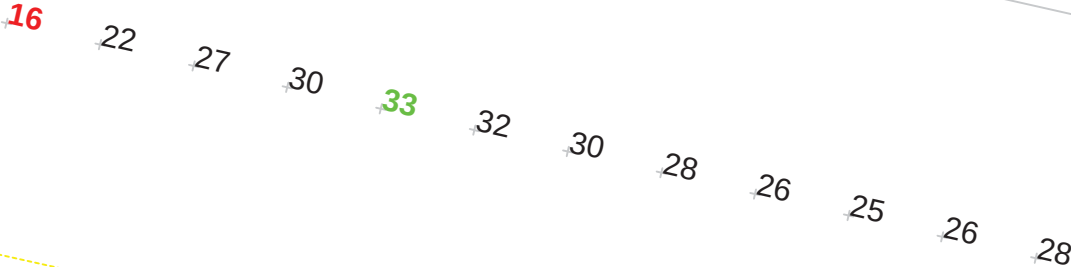
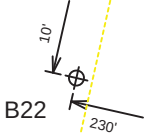


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ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	A5	70'	-	70'	TLC-LED-1500	1	0	1
				15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	2/3*	3	2
1	A12	70'	-	15.5'	TLC-BT-575	1/1*	1	1
				70'	TLC-LED-1200	3/3*	3	3
2	B22-B23	70'	-	70'	TLC-LED-600	1	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					32	24	8

* This structure utilizes a back-to-back mounting configuration



Pole location(s) ⦿ dimensions are relative to 0,0 reference point(s) ⊗

Cornerstone Park Athletic Complex

Starkville,MS

GRID SUMMARY	
Name:	Baseball 12 LF Bullpen
Size:	225'/225'/225' - basepath 60'
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	26.77
Maximum:	33
Minimum:	16
Avg / Min:	1.70
Max / Min:	2.09
UG (adjacent pts):	1.40
CU:	0.01
No. of Points:	12
LUMINAIRE INFORMATION	
Applied Circuits:	M
No. of Luminaires:	24
Total Load:	25.93 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



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ILLUMINATION SUMMARY



SCALE IN FEET 1 : 20



EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	P1-P2	50'	-	50'	TLC-LED-1200	2	2	0
				50'	TLC-LED-900	1	1	0
1	P3	50'	-	50'	TLC-LED-1200	6	6	0
3	TOTALS					12	12	0

Cornerstone Park Athletic Complex

Starkville,MS

GRID SUMMARY	
Name:	T-ball
Size:	260' x 180'
Spacing:	20.0' x 20.0'
Height:	3.0' above grade

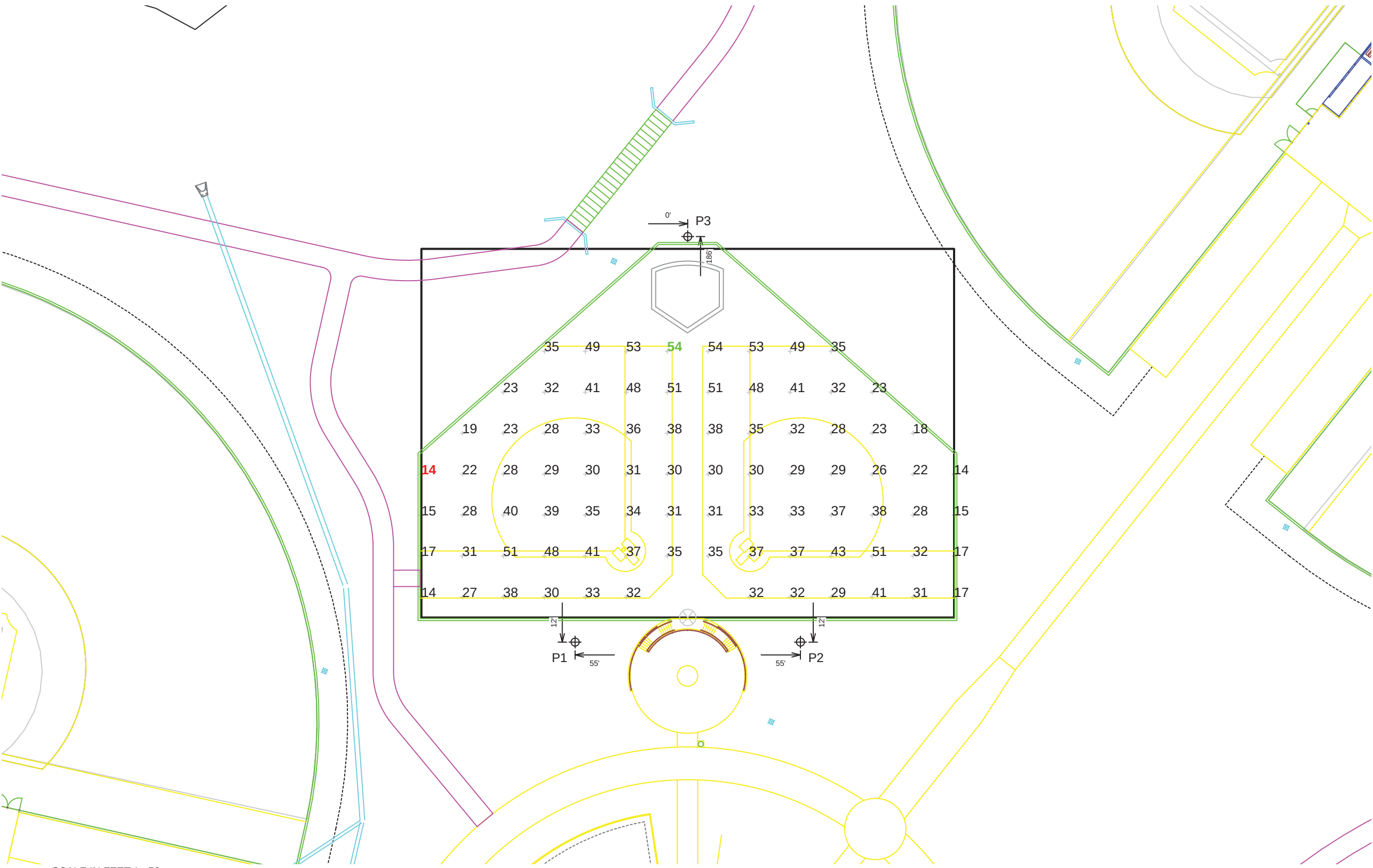
ILLUMINATION SUMMARY	
MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Guaranteed Average:	30
Scan Average:	33.20
Maximum:	54
Minimum:	14
Avg / Min:	2.46
Guaranteed Max / Min:	5
Max / Min:	3.98
UG (adjacent pts):	1.96
CU:	0.74
No. of Points:	84
LUMINAIRE INFORMATION	
Applied Circuits:	K
No. of Luminaires:	12
Total Load:	13.48 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⦿ dimensions are relative to 0,0 reference point(s) ⊗



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ILLUMINATION SUMMARY



D. OFF FIELD LIGHTING DESIGN

Cornerstone Park Athletic Complex
Starkville, MS

GRID SUMMARY	
Name:	150' Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
HORIZONTAL FOOTCANDLES	
Scan Average:	Entire Grid 0.0256
Maximum:	0.08
Minimum:	0.00
No. of Points:	237
LUMINAIRE INFORMATION	
Applied Circuits:	A, B, C, D, E, F, G, H, I, J, K, L, M
No. of Luminaires:	308
Total Load:	341.35 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



ENGINEERED DESIGN By: · File #195501J3 · 07-Aug-20

Pole location(s) ⚡ dimensions are relative to 0,0 reference point(s) ⊗



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ILLUMINATION SUMMARY

Cornerstone Park Athletic Complex
Starkville, MS

GRID SUMMARY	
Name:	150' Spill
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY	
MAX VERTICAL FOOTCANDLES	
Scan Average:	Entire Grid 0.0844
Maximum:	0.26
Minimum:	0.00
No. of Points:	237
LUMINAIRE INFORMATION	
Applied Circuits:	A, B, C, D, E, F, G, H, I, J, K, L, M
No. of Luminaires:	308
Total Load:	341.35 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



ENGINEERED DESIGN By: · File #195501J3 · 07-Aug-20

Pole location(s) ⚡ dimensions are relative to 0,0 reference point(s) ⊗



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ILLUMINATION SUMMARY

Cornerstone Park Athletic Complex
Starkville, MS

GRID SUMMARY	
Name:	150' Spill
Spacing:	30.0'
Height:	3.0' above grade

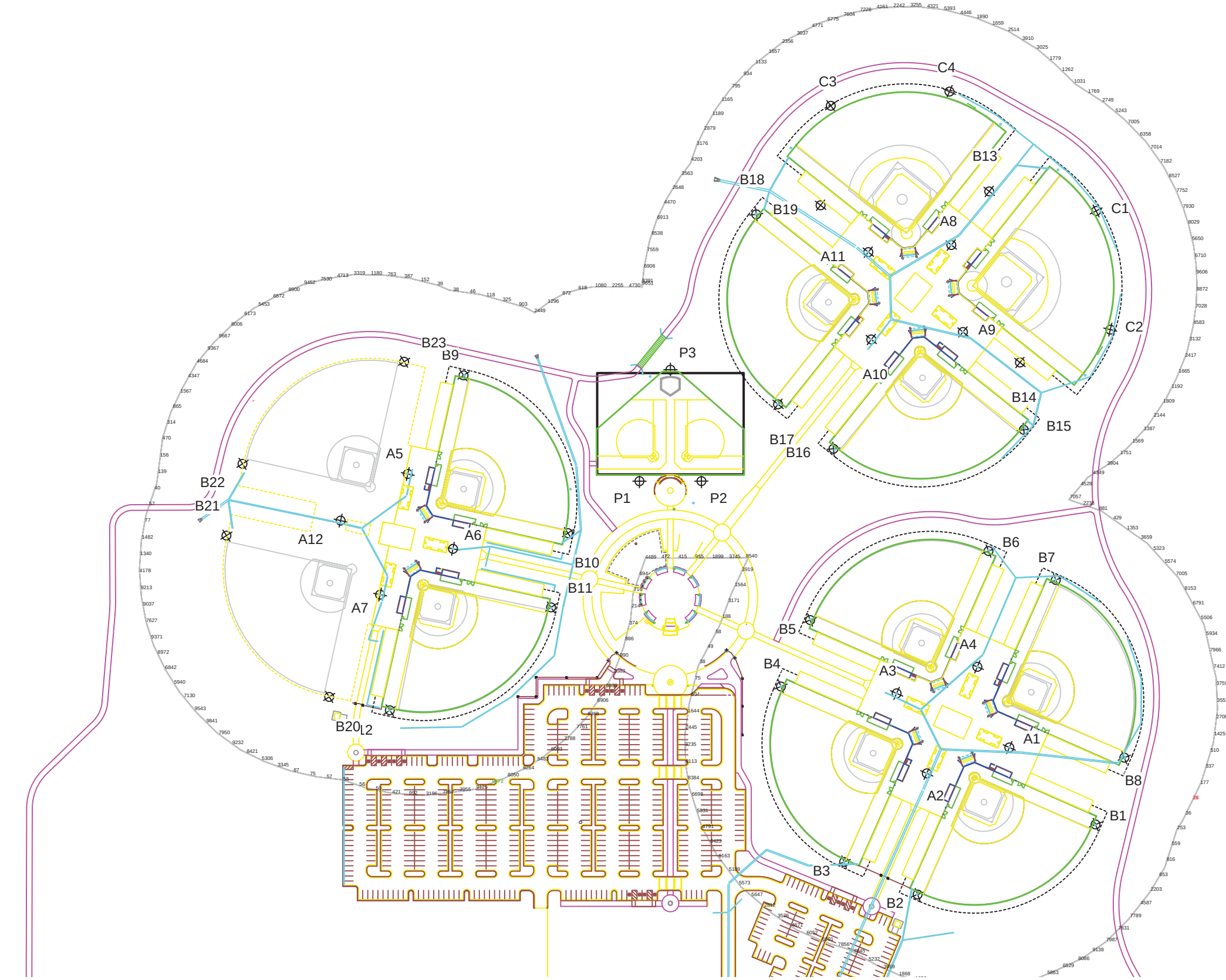
ILLUMINATION SUMMARY	
CANDELA (PER FIXTURE)	
Scan Average:	Entire Grid 4138.9385
Maximum:	9871.88
Minimum:	28.16
No. of Points:	237
LUMINAIRE INFORMATION	
Applied Circuits:	A, B, C, D, E, F, G, H, I, J, K, L, M
No. of Luminaires:	308
Total Load:	341.35 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.



Pole location(s) ⚡ dimensions are relative to 0,0 reference point(s) ⊗



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ILLUMINATION SUMMARY



E. PHOTOMETRIC REPORTS

Datasheet: TLC-LED-1500, Typical Photometric Report



Musco Lighting Photometry Laboratory
Oskaloosa, Iowa

NVLAP
TESTING
NVLAP Lab Code 200702-0

REPORT NUMBER: MPL02633_M-3135

PAGE: 1 OF 2

ISSUE DATE: 02/26/19

CATALOG NUMBER: L352N_3WYX_AIBCB_30

LUMINAIRE: TLC-1500 LED fixture assembly consisting of: (2) 176 LED modules (352 total LEDs) with 0.5" optics (3W); wired in two parallel circuits of (176) in series, mounted to a 12" gray painted heatsink with welded fins, enclosed with a gray painted barrel cover and clear flat glass, with a 19" fixed external flat visor designed to provide 12.0 degrees of cutoff above the cutoff reference line.

LAMP: Cree Light Emitting Diode (LED); Color kit: ave. 5700K; 75 Typical CRI

MOUNTING: 30 degrees below horizon

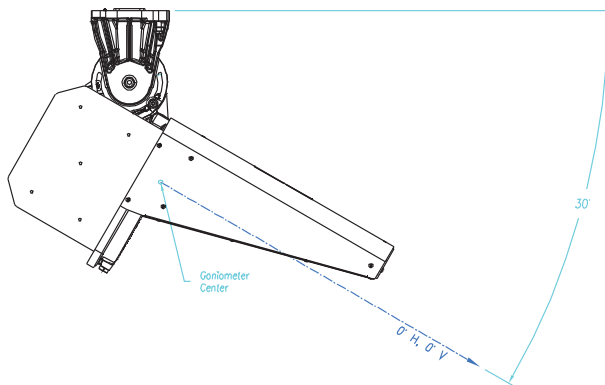
WAVEFORM: DC

AMBIENT TEMP: 25.4 C

(SEE PAGE 2 FOR MORE INFORMATION)

FLOODLIGHT CHARACTERISTICS

IES TYPE	3H X 3V
MAXIMUM CANDLEPOWER	924150. AT 0.0 H, -5.0 V
HORIZONTAL BEAM ANGLE (50%)	22.2 deg
VERTICAL BEAM ANGLE (50%)	20.3 deg
HORIZONTAL FIELD ANGLE (10%)	41.0 deg
VERTICAL FIELD ANGLE (10%)	41.0 deg
BEAM LUMENS (% FIXTURE)	72685. (43.8 %)
FIELD LUMENS (% FIXTURE)	136573. (82.3 %)
TOTAL LUMENS (% FIXTURE)	166044. (100.0 %)



Checked K Dunkin

Approved K Dunkin

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Report format has been changed.

AXIAL CANDLEPOWER			
DEG	HORIZ.	DEG	VERT.
90.0	0.	90.0	0.
85.0	0.	85.0	0.
75.0	0.	75.0	0.
65.0	0.	65.0	0.
55.0	1.	55.0	0.
47.5	956.	47.5	0.
42.5	2527.	42.5	0.
37.5	4674.	37.5	0.
33.0	7036.	33.0	0.
29.0	13091.	29.0	0.
25.5	26091.	25.5	0.
22.5	50219.	22.5	0.
19.5	88170.	19.5	0.
17.0	137692.	17.0	0.
15.0	195311.	15.0	9.
13.0	285850.	13.0	41.
11.0	430429.	11.0	13987.
9.0	587381.	9.0	119461.
7.0	703087.	7.0	276305.
5.0	778656.	5.0	452331.
3.0	834475.	3.0	614872.
1.0	846314.	1.0	777611.
0.0	853458.	0.0	853458.
-1.0	846314.	-1.0	905740.
-3.0	834475.	-3.0	914577.
-5.0	778656.	-5.0	924150.
-7.0	703087.	-7.0	908686.
-9.0	587381.	-9.0	832103.
-11.0	430429.	-11.0	696610.
-13.0	285850.	-13.0	560381.
-15.0	195311.	-15.0	476627.
-17.0	137692.	-17.0	411499.
-19.5	88170.	-19.5	343283.
-22.5	50220.	-22.5	263708.
-25.5	26091.	-25.5	191505.
-29.0	13091.	-29.0	122622.
-33.0	7036.	-33.0	73640.
-37.5	4674.	-37.5	41924.
-42.5	2527.	-42.5	23675.
-47.5	956.	-47.5	14968.
-55.0	1.	-55.0	9053.
-65.0	0.	-65.0	5574.
-75.0	0.	-75.0	2528.
-85.0	0.	-85.0	385.
-90.0	0.	-90.0	0.

ALL CANDELA AND LUMEN VALUES IN THIS REPORT ARE BASED ON ABSOLUTE PHOTOMETRY.





Musco Lighting Photometry Laboratory
Oskaloosa, Iowa



REPORT NUMBER: MPL02633

ISSUE DATE: 02/26/19

CATALOG NUMBER: L352N_3WYX_AIBCB_30

PAGE: 2 OF 2

ADDITIONAL INFORMATION

NOTE: Data shown is absolute for the sample provided. Report made in accordance with IESNA LM-79:2008 (minus Section 12 for color). Corrections were made for stray light/dark current. Spectral mismatch correction factor was not performed. Goniophotometer calibration (MPL02592 on 12/17/2018) traceable to NIST through lamp ITL-1000-54. The results listed herein relate only to the item tested.

LAB ASSETS: Elgar CW2501, PL0001, AC power supply; Agilent 34410A: PL0040, 6-1/2 Digit DMM to measure voltage drop across shunt; Ohm Labs CS10: PL0048, 10A shunt; Agilent 34410A: PL0036, 6-1/2 Digit DMM to measure forward voltage; Omega Engineering DPi32: PL0033, temp meter; OWL/ITL: PL0008, Type C moving mirror goniophotometer with test distance of 48'

STABILIZATION: Units were operated for stabilization approximately 4-1/2 hours before testing. Total on-time was approximately 5 hours.

ACCREDITED: Accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for specific scope of accreditation under Lab Code 200702-0. This NVLAP logo does not imply endorsement by NVLAP, NIST, or any agency of the U.S. Government and this account must not be used to claim such endorsement.

CONFIDENTIAL: This technical data is the confidential property of Musco Sports Lighting, LLC.

CONVERT: Photometric type, luminaire test position, and photometric web converted from original test data.

Datasheet: TLC-LED-1200 Luminaire Sample Photometric Report



Musco Lighting Photometry Laboratory
Oskaloosa, Iowa



REPORT NUMBER: MPL02675_M-3125

PAGE: 1 OF 2

ISSUE DATE: 03/25/19

CATALOG NUMBER: L352X_3WYX_AIBCB_30

LUMINAIRE: TLC-1200 LED fixture assembly consisting of: (2) 176 LED modules (352 total LEDs) with 0.5" optics (3W); wired in two parallel circuits of (176) in series, mounted to a 8.6" gray painted heatsink with welded fins, enclosed with a gray painted barrel cover and clear flat glass, with a 19" fixed external flat visor designed to provide 12.0 degrees of cutoff above the cutoff reference line.

LAMP: Cree Light Emitting Diode (LED); Color kit: ave. 5700K; 75 Typical CRI

MOUNTING: 30 degrees below horizon

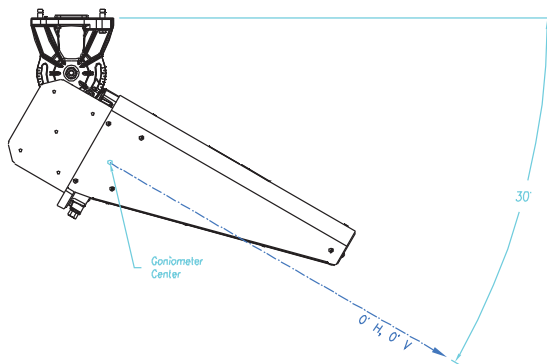
WAVEFORM: DC

AMBIENT TEMP: 25.2 C

(SEE PAGE 2 FOR MORE INFORMATION)

FLOODLIGHT CHARACTERISTICS

IES TYPE	3H X 3V
MAXIMUM CANDLEPOWER	776138. AT 0.0 H, -5.0 V
HORIZONTAL BEAM ANGLE (50%)	22.0 deg
VERTICAL BEAM ANGLE (50%)	20.1 deg
HORIZONTAL FIELD ANGLE (10%)	40.6 deg
VERTICAL FIELD ANGLE (10%)	41.0 deg
BEAM LUMENS (% FIXTURE)	59576. (43.7 %)
FIELD LUMENS (% FIXTURE)	112670. (82.6 %)
TOTAL LUMENS (% FIXTURE)	136333. (100.0 %)



Checked K Dunkin

Approved K Dunkin

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Report format has been changed.

AXIAL CANDLEPOWER

DEG	HORIZ.	DEG	VERT.
90.0	0.	90.0	0.
85.0	0.	85.0	0.
75.0	0.	75.0	0.
65.0	0.	65.0	0.
55.0	8.	55.0	0.
47.5	799.	47.5	0.
42.5	2157.	42.5	0.
37.5	4133.	37.5	0.
33.0	6032.	33.0	0.
29.0	11062.	29.0	0.
25.5	21641.	25.5	0.
22.5	40957.	22.5	0.
19.5	72129.	19.5	0.
17.0	112825.	17.0	14.
15.0	160071.	15.0	44.
13.0	238284.	13.0	84.
11.0	358130.	11.0	10637.
9.0	486250.	9.0	110367.
7.0	593877.	7.0	245274.
5.0	661806.	5.0	390880.
3.0	699501.	3.0	510307.
1.0	720447.	1.0	648746.
0.0	712810.	0.0	712810.
-1.0	720447.	-1.0	762147.
-3.0	699501.	-3.0	768038.
-5.0	661807.	-5.0	776138.
-7.0	593877.	-7.0	755520.
-9.0	486251.	-9.0	682619.
-11.0	358130.	-11.0	564063.
-13.0	238283.	-13.0	459104.
-15.0	160072.	-15.0	388972.
-17.0	112825.	-17.0	334978.
-19.5	72129.	-19.5	283243.
-22.5	40957.	-22.5	217872.
-25.5	21641.	-25.5	159619.
-29.0	11062.	-29.0	102718.
-33.0	6032.	-33.0	59675.
-37.5	4133.	-37.5	33839.
-42.5	2157.	-42.5	19311.
-47.5	799.	-47.5	11982.
-55.0	8.	-55.0	7141.
-65.0	0.	-65.0	4111.
-75.0	0.	-75.0	1763.
-85.0	0.	-85.0	369.
-90.0	0.	-90.0	0.

ALL CANDELA AND LUMEN VALUES IN THIS REPORT ARE BASED ON ABSOLUTE PHOTOMETRY.



Datasheet: TLC-LED-1200 Luminaire Sample Photometric Report



Musco Lighting Photometry Laboratory
Oskaloosa, Iowa



NVLAP Lab Code 200702-0

REPORT NUMBER: MPL02675_M-3125

ISSUE DATE: 03/25/19

CATALOG NUMBER: L352X_3WYX_AIBCB_30

PAGE: 2 OF 2

ADDITIONAL INFORMATION

NOTE: Data shown is absolute for the sample provided. Report made in accordance with IESNA LM-79:2008 (minus Section 12 for color). Corrections were made for stray light/dark current. Spectral mismatch correction factor was not performed. Goniophotometer calibration (MPL02592 on 12/17/2018) traceable to NIST through lamp ITL-1000-54. The results listed herein relate only to the item tested.

LAB ASSETS: Elgar CW2501, PL0001, AC power supply; Agilent 34410A: PL0040, 6-1/2 Digit DMM to measure voltage drop across shunt; Ohm Labs CS10: PL0048, 10A shunt; Agilent 34410A: PL0036, 6-1/2 Digit DMM to measure forward voltage; Omega Engineering DPI32: PL0033, temp meter; OWL/ITL: PL0008, Type C moving mirror goniophotometer with test distance of 48'

STABILIZATION: Units were operated for stabilization approximately 4-1/2 hours before testing. Total on-time was approximately 5 hours.

ACCREDITED: Accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for specific scope of accreditation under Lab Code 200702-0. This NVLAP logo does not imply endorsement by NVLAP, NIST, or any agency of the U.S. Government and this account must not be used to claim such endorsement.

CONFIDENTIAL: This technical data is the confidential property of Musco Sports Lighting, LLC.

CONVERT: Photometric type, luminaire test position, and photometric web converted from original test data.



Datasheet: TLC-LED-600, Type 4W, Photometric Report



Musco Lighting Photometry Laboratory
Oskaloosa, Iowa



REPORT NUMBER: MPL02398 M-2708

PAGE: 1 OF 2

ISSUE DATE: 03/01/18

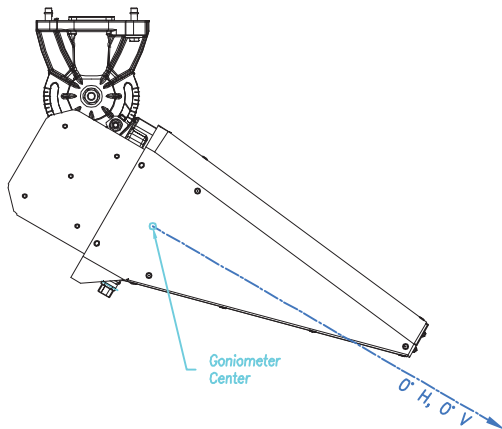
CATALOG NUMBER: L224T_4WOK_AIBCB_30

LUMINAIRE: TLC-600 LED fixture assembly consisting of: (25) "1x9 array" modules (224 total LEDs) with 0.5" optics (4W), formed side visors; mounted to a gray painted heatsink with welded fins, enclosed with a gray painted barrel cover and clear flat glass, with a 16" fixed external visor.

LAMP: Cree Light Emitting Diode (LED); Color kit: ave. 5700K; 75 Typical CRI

FLOODLIGHT CHARACTERISTICS

IES TYPE	4H X 4V				
MAXIMUM CANDLEPOWER	251698.	AT	0.0 H,	-3.0 V	
HORIZONTAL BEAM ANGLE (50%)	30.1 deg				AXIAL CANDLEPOWER
VERTICAL BEAM ANGLE (50%)	23.1 deg				
HORIZONTAL FIELD ANGLE (10%)	47.3 deg				DEG HORIZ. DEG VERT.
VERTICAL FIELD ANGLE (10%)	57.3 deg				
BEAM LUMENS (% FIXTURE)	31416. (45.7 %)		90.0	0.	90.0 0.
FIELD LUMENS (% FIXTURE)	61817. (89.9 %)		85.0	0.	85.0 0.
TOTAL LUMENS (% FIXTURE)	68749. (100.0 %)		75.0	0.	75.0 0.



Tested ByKurt.Dunkin.....

ApprovedKurt.Dunkin.....

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DEG	HORIZ.	DEG	VERT.
90.0	0.	90.0	0.
85.0	0.	85.0	0.
75.0	0.	75.0	0.
65.0	0.	65.0	0.
55.0	0.	55.0	0.
47.5	0.	47.5	0.
42.5	100.	42.5	0.
37.5	405.	37.5	0.
33.0	1093.	33.0	0.
29.0	2819.	29.0	0.
25.5	9910.	25.5	0.
22.5	26909.	22.5	0.
19.5	51910.	19.5	6.
17.0	80429.	17.0	19.
15.0	109152.	15.0	36.
13.0	138319.	13.0	79.
11.0	159840.	11.0	8471.
9.0	179003.	9.0	40554.
7.0	195389.	7.0	74724.
5.0	204516.	5.0	115646.
3.0	210467.	3.0	156127.
1.0	215380.	1.0	196697.
0.0	216191.	0.0	216191.
-1.0	215380.	-1.0	229727.
-3.0	210467.	-3.0	251698.
-5.0	204516.	-5.0	250037.
-7.0	195389.	-7.0	242902.
-9.0	179003.	-9.0	226707.
-11.0	159840.	-11.0	207403.
-13.0	138319.	-13.0	190686.
-15.0	109152.	-15.0	168274.
-17.0	80429.	-17.0	143224.
-19.5	51910.	-19.5	116480.
-22.5	26909.	-22.5	98286.
-25.5	9910.	-25.5	90563.
-29.0	2819.	-29.0	81550.
-33.0	1093.	-33.0	68485.
-37.5	405.	-37.5	53859.
-42.5	100.	-42.5	37903.
-47.5	0.	-47.5	24655.
-55.0	0.	-55.0	11503.
-65.0	0.	-65.0	4153.
-75.0	0.	-75.0	2168.
-85.0	0.	-85.0	82.
-90.0	0.	-90.0	0.

ALL CANDELA AND LUMEN VALUES IN THIS REPORT ARE BASED ON ABSOLUTE PHOTOMETRY.



2018 Musco Sports Lighting, LLC · M-2708-en04-1

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Musco Lighting Photometry Laboratory
Oskaloosa, Iowa



REPORT NUMBER: MPL02398 M-2708
ISSUE DATE: 03/01/18
CATALOG NUMBER: L224T_4WOK_AIBCB_30

PAGE: 2 OF 2

ADDITIONAL INFORMATION

MOUNTING: 30 degrees below horizon

WAVEFORM: DC

AMBIENT TEMP: 24.7 C

NOTE: Data shown is absolute for the sample provided. Report made in accordance with IESNA LM-79:2008 (minus Section 12 for color). Corrections were made for stray light/dark current. Spectral mismatch correction factor was not performed. Goniophotometer calibration (MPL02304 on 11/30/2017) traceable to NIST through lamp ITL-1000-52. The results listed herein relate only to the item tested. Report amended to remove proprietary information.

LAB ASSETS: Elgar CW2501, PL0001, AC power supply; Agilent 34410A: PL0040, 6-1/2 Digit DMM to measure voltage drop across shunt; Ohm Labs CS10: PL0017, 10A shunt; Agilent 34410A: PL0036, 6-1/2 Digit DMM to measure forward voltage; Omega Engineering DPi32: PL0033, temp meter; OWL/ITL: PL0008, Type C moving mirror goniophotometer with test distance of 48'

STABILIZATION: Units were operated for stabilization approximately 3-1/2 hours before testing. Total on-time was approximately 4-1/2 hours.

ACCREDITED: Accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for specific scope of accreditation under Lab Code 200702-0. This NVLAP logo does not imply endorsement by NVLAP, NIST, or any agency of the U.S. Government and this account must not be used to claim such endorsement.

CONVERT: Photometric type, luminaire test position, and photometric web converted from original test data.



F. PERFORMANCE GUARANTEE

Project Submittal: Performance Guarantee

Musco hereby guarantees compliance with the following specifications for your project. Light levels are guaranteed for the length of time specified in your warranty.

Field	Constant Average Illumination	Uniformity	Average kW Demand	Average kW Demand
Baseball 1	50fc/30fc	2.0:1.0/2.5:1.0	26.45	20.7
Baseball 2	50fc/30fc	2.0:1.0/2.5:1.0	26.17	20.7
Baseball 3	50fc/30fc	2.5:1.0/2.5:1.0	26.45	25.3
Baseball 4	50fc/30fc	2.0:1.0/2.5:1.0	26.45	25.3
Baseball 5	50fc/30fc	2.0:1.0/2.5:1.0	26.45	13.8
Baseball 6	50fc/30fc	2.0:1.0/2.5:1.0	31.79	0
Baseball 7	50fc/30fc	2.0:1.0/2.5:1.0	32.31	34.5
Baseball 8	50fc/30fc	2.0:1.0/2.5:1.0	26.45	20.7
Baseball 9	50fc/30fc	2.0:1.0/2.5:1.0	26.45	20.7
Baseball 10	50fc/30fc	2.0:1.0/2.5:1.0	27.04	20.7
Baseball 11	50fc/30fc	2.0:1.0/2.5:1.0	25.93	23
Baseball 12	50fc/30fc	2.0:1.0/2.5:1.0	25.93	20.7
T-Ball	30fc	5.0:1.0	13.48	20.7

This guarantee is dependent upon the following:

- All test stations matched exactly to the number and location of points supplied with the Musco computer generated light scan for constant light levels.
- Pole placement must be within 3 feet of Musco recommendation.
- Voltage supply to the ballast of all fixtures must be no less than 97% of the designed secondary voltage.

In the unlikely event that these performance specifications are not met, Musco shall provide necessary corrective action at no expense to the owner.

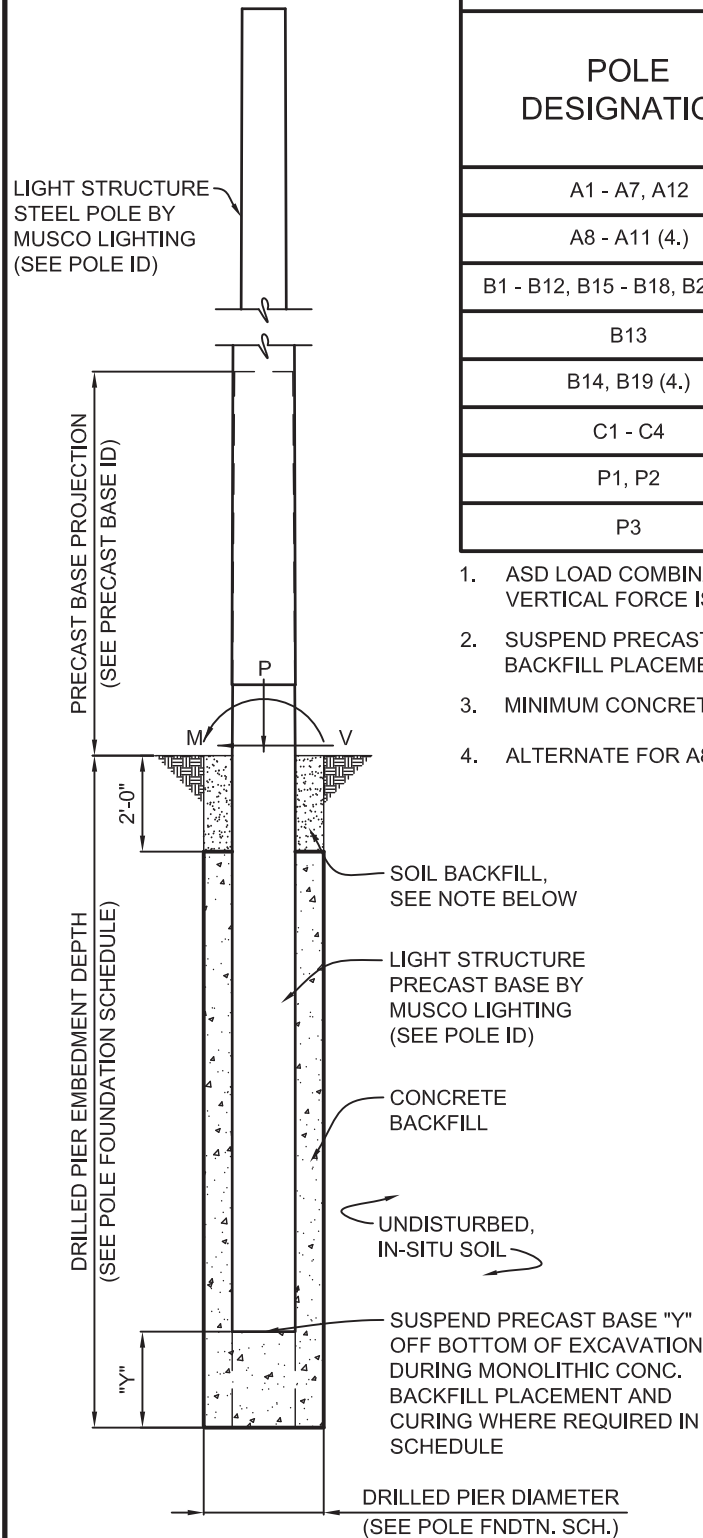
We trust this meets with your approval.

Musco Sports Lighting, LLC





G. STRUCTURAL INFORMATION



POLE FOUNDATION ELEV.

SCALE: NOT TO SCALE

SOIL BACKFILL NOTE:
THE TOP TWO FEET OF ANNULUS SHALL BE BACKFILLED WITH SOIL, WITH A CLASSIFICATION OF CLASS 5 (TABLE 1806.2) OR BETTER. COMPACTION, 95% FOR COHESIVE SOIL AND 98% FOR A COHESIONLESS SOIL BASED UPON STANDARD PROCTOR TESTING (ASTM D698).

POLE FOUNDATION SCHEDULE							
POLE DESIGNATION	FORCES (1.)			DRILLED PIER			
	MOMENT (M) FT-LBS	SHEAR (V) LBS	VERTICAL (P) LBS	DIAMETER INCHES	EMBEDMENT DEPTH	SUSPENSION "Y" (2.)	CONCRETE BACKFILL YD ³ (3.)
A1 - A7, A12	70,681	1,567	2,216	42	14'-0"	NA	3.7
A8 - A11 (4.)	65,671	1,389	1,883	42	13'-0"	1'-0"	3.6
B1 - B12, B15 - B18, B20 - B23	74,106	1,621	2,310	42	14'-0"	NA	3.7
B13	91,546	1,851	2,624	42	14'-0"	NA	3.7
B14, B19 (4.)	62,004	1,313	1,758	42	13'-0"	1'-0"	3.6
C1 - C4	41,311	977	1,215	42	12'-0"	2'-0"	3.4
P1, P2	21,923	733	825	42	10'-0"	NA	2.7
P3	35,436	1,013	1,126	42	11'-0"	1'-0"	3.0

- ASD LOAD COMBINATION D + 0.6W. VERTICAL FORCE IS WEIGHT OF DRESSED POLE (DOES NOT INCLUDE PRECAST BASE WEIGHT)
- SUSPEND PRECAST BASE "Y" OFF THE BOTTOM OF THE EXCAVATION DURING MONOLITHIC CONCRETE BACKFILL PLACEMENT AND CURING. NA = NOT APPLICABLE, SUSPENSION NOT REQUIRED.
- MINIMUM CONCRETE BACKFILL VOLUME, SITE CONDITIONS MAY REQUIRE ADDITIONAL BACKFILL.
- ALTERNATE FOR A8 - A11, B14, B19 ONLY: 48" DIAMETER AND 12'-0" EMBEDMENT WITH NO SUSPENSION OF 3B PRECAST BASE.

PRECAST BASE IDENTIFICATION					
PRECAST BASE TYPE	PRECAST BASE WEIGHT	PRECAST BASE LENGTH	PROJECTION ABOVE GRADE	STANDARD EMBEDMENT	OUTSIDE DIAMETER
2B	1,690 LBS	17'-3"	7'-3"	10'-0"	12.00"
3B	2,470 LBS	20'-0"	8'-0"	12'-0"	13.38"
4B	3,490 LBS	22'-0"	8'-0"	14'-0"	15.75"

POLE IDENTIFICATION				
POLE DESIGNATION	POLE TYPE	PRECAST BASE TYPE	FIXTURE CONFIGURATION (FIX. PER XARM)	FIXTURE AND ACCESSORIES EPA (FT ²)
A1 - A7, A12	LSS70C	4B	8 (3) / (3)	20.4
A8 - A11	LSS70B	3B	8 (3) / (3)	18.6
B1 - B12, B15 - B18, B20 - B23	LSS70C	4B	8 (6)	22.0
B13	LSS70C	4B	12 (5) / (5)	28.5
B14, B19	LSS70B	3B	6 (5)	16.0
C1 - C4	LSS70AA	2B	4 (3)	9.3
P1, P2	LSS50AB	2B	3 (3)	6.0
P3	LSS50AB	2B	6 (6)	13.8

- POLES A1 - A12 & B13 HAVE (2) MUSCO LED's AT 15'-6" AGL (1 EA. SIDE) INCLUDED ABOVE.
- POLES B1 - B12, B15 - B18, & B20 - B23 HAVE (2) MUSCO LED's AT 15'-6" AGL INCLUDED ABOVE.
- POLES B14, B19, & C1 - C4 HAVE (1) MUSCO LED AT 15'-6" AGL INCLUDED ABOVE.

DESIGN NOTES

DESIGN PARAMETERS:
WIND: V_{ult} = 115 MPH, V_{asd} = 89 MPH (EXPOSURE C, RISK CATEGORY II) PER INTERNATIONAL BUILDING CODE, 2012 EDITION (ASCE 7-10). DESIGN WIND PARAMETERS ARE AS NOTED, ACTUAL EXPOSURE MUST BE VERIFIED FOR THE SITE BY THE PROPER GOVERNING OFFICIAL.

GEOTECHNICAL PARAMETERS:
ALLOWABLE END BEARING SOIL PRESSURE: 1,500 PSF
ALLOWABLE LATERAL SOIL BEARING PRESSURE:
0 PSF/FT (GRADE TO -2'-0"); 150 PSF/FT (BELOW -2'-0")
IN ACCORDANCE WITH THE 2012 EDITION OF THE INTERNATIONAL BUILDING CODE, CHAPTER 18.

DESIGN SOIL PARAMETERS ARE AS NOTED. ACTUAL ALLOWABLE SOIL PARAMETERS MUST BE VERIFIED ON SITE. REFERENCE GEOTECHNICAL INVESTIGATION REPORT, PROJECT NO. NS.15405.000.001, PREPARED BY SOILTECH CONSULTANTS; STARKVILLE, MS.

A GEOTECHNICAL ENGINEER OR REPRESENTATIVE OF IS RECOMMENDED (NOT REQUIRED) TO BE AVAILABLE AT THE TIME OF THE FOUNDATION INSTALLATION TO VERIFY THE SOIL DESIGN PARAMETERS AND TO PROVIDE ASSISTANCE IF ANY PROBLEMS ARISE IN FOUNDATION INSTALLATION.

ENCOUNTERING SOIL FORMATIONS THAT WILL REQUIRE SPECIAL DESIGN CONSIDERATIONS OR EXCAVATION PROCEDURES MAY OCCUR. POLE FOUNDATIONS WILL NEED TO BE ANALYZED ACCORDING TO THE SOIL CONDITIONS THAT EXIST. IF ANY DISCREPANCIES OR INCONSISTENCIES ARISE, NOTIFY THE ENGINEER OF SUCH DISCREPANCIES. FOUNDATIONS WILL THEN BE REVISED ACCORDINGLY. REVISIONS WILL BE ANALYZED PER RECOMMENDATIONS DIRECTED BY A REGISTERED ENGINEER.

ALL EXCAVATIONS MUST BE FREE OF LOOSE SOIL AND DEBRIS PRIOR TO FOUNDATION INSTALLATION AND CONCRETE BACKFILL PLACEMENT. TEMPORARY CASINGS OR DRILLERS SLURRY MAY BE USED TO STABILIZE THE EXCAVATION DURING INSTALLATION. CASINGS MUST BE REMOVED DURING CONCRETE BACKFILL PLACEMENT. CONCRETE BACKFILL MUST BE PLACED WITH A TREMIE WHEN SLURRY OR WATER IS PRESENT WITHIN THE EXCAVATION OR WHEN THE FREE DROP EXCEEDS 6'-0".

CONTRACTOR MUST BE FAMILIAR WITH THE COMPLETE SOIL INVESTIGATION REPORT AND BORINGS, AND CONTACT THE GEOTECHNICAL FIRM (IF NECESSARY) TO UNDERSTAND THE SOIL CONDITIONS AND THE POSSIBILITY OF GROUND WATER PUMPING AND EXCAVATION STABILIZATION OR BRACING DURING PRECAST BASE INSTALLATION AND PLACEMENT OF CONCRETE BACKFILL.

CONCRETE:
CONCRETE SHALL BE AIR-ENTRAINED AND HAVE A MINIMUM COMPRESSIVE DESIGN STRENGTH AT 28 DAYS OF 3,000 PSI. 3,000 PSI CONCRETE SPECIFIED FOR EARLY POLE ERECTION, ACTUAL REQUIRED MINIMUM ALLOWABLE CONCRETE STRENGTH IS 1,000 PSI. ALL PIERS AND CONCRETE BACKFILL MUST BEAR ON AND AGAINST FIRM UNDISTURBED SOIL.

GENERAL NOTES:
FIXTURES MUST BE LOCATED TO MAINTAIN 10'-0" MINIMUM HORIZONTAL CLEARANCE FROM ANY OBSTRUCTION. ENGINEER MUST BE NOTIFIED IF FOUNDATIONS ARE NEAR ANY RETAINING WALLS OR WITHIN / NEAR ANY SLOPES STEEPER THAN 3H : 1V. POLES, FIXTURES, PRECAST BASES, ELECTRICAL ITEMS AND INSTALLATION PER MUSCO LIGHTING.

PRELIMINARY
FOR BID
PURPOSES ONLY

CORNERSTONE PARK
ATHLETIC COMPLEX
FIELD LIGHTING
STARKVILLE, MS



CORPORATE: 100 1st AVE WEST
OSKALOOSA, IA 52577
(800) 825-6020

STRUCTURAL
ENGINEERS, P.C.
114 NICHOLAS DRIVE
MARSHALLTOWN, IOWA 50158
PHONE NUMBER: 641-752-6334
EMAIL: MSL.INFO@SEPC.BIZ

DRAWING TITLE:
POLE AND FOUNDATION
SCALE: SEE PLAN
NOTES:
SCAN #195501J2

PROJECT NUMBER
195501

DATE
07 AUGUST 2020

DRAWING NUMBER
C1

OF ONE



H. CONTROLS AND MONITORING



Musco Controls Department

Control-Link® control and monitoring system offers efficient, cost-effective tools that are both cutting-edge and simple to use. Musco will have your back 24/7/365 to ensure your lights are only on when needed, keeping neighbors and taxpayers happy. Because more than anything, it's about peace of mind. The Control-Link® system provides comprehensive scheduling assistance, system monitoring, secure password-protected access, automated equipment controls, and valuable usage data.

Our Team:

Our Control-Link Central™ service center is staffed 24/7/365 with trained operators whom provide scheduling and report assistance, along with one-on-one phone training. Proactive nightly testing is done to assure customers control systems are operating properly and field operations are constantly monitored.

Daytime Call Center (10) - Provide scheduling and report assistance

Evening Call Center (24) - Provide scheduling and report assistance

By the numbers:

- **Control Link Units**
 - 41 different Countries
- **Customer Calls**
 - 378,390 in last 12 months
- **Schedules via Musco App**
 - 43,000 schedules



Controls and Monitoring References

Projects:	Contact Information
Snowden Grove Soccer Fields	Josh Henry – Facilities Director City of Southaven Phone: 662.349.4362
Eastside Park Soccer	Cole Smith City of Richland Phone: 601.487.9989
Southern State Soccer Academy	Sid Reynolds – Director of Operations Southern State Soccer Phone: 601.602.6998
Ivy Park Fields	Todd McCullough City of Louisville Phone: 662.773.7896
Gulfport Sportsplex	Gus Wesson Parks Director Phone: 228.868.5881



Control System Summary

Project Specific Notes:

Project Information

Project #: 195501
Project Name: Cornerstone Park Athletic Complex
Date: 08/06/20
Project Engineer: Isaac Sanders
Sales Representative: Gerry Logan JR
Control System Type: Control-Link™ Control and Monitoring System
Communication Type: PowerLine-ST
Scan: 195501J2
Document ID: 195501P1V9-0806135552
Distribution Panel Location or ID: NE Service
Total # of Distribution Panel Locations for Project: 4
Design Voltage/Hertz/Phase: 480/60/3
Control Voltage: 120

Equipment Listing

DESCRIPTION	APPROXIMATE SIZE	
1.Control and Monitoring Cabinet	24 X 72	
2.Control and Monitoring Cabinet	24 X 48	
	QTY	SIZE (AMPS)
Total Contactors	20	30 AMP
Total Off/On/Auto Switches:	4	

Materials Checklist

Contractor/Customer Supplied:

- ☐ A dedicated control circuit must be supplied per distribution panel location
 - If the control voltage is NOT available, a control transformer is required
- ☐ Electrical distribution panel to provide overcurrent protection for circuits
 - HID rated or D-curve circuit breaker sized per full load amps on Circuit Summary by Zone Chart
- ☐ Wiring
 - See chart on page 2 for wiring requirements
 - Equipment grounding conductor and splices must be insulated (per circuit)
 - Lightning ground protection (per pole), if not Musco supplied
- ☐ Electrical conduit wireway system
 - Entrance hubs rated NEMA 4, must be die-cast zinc, PVC, or copper-free die-cast aluminum
- ☐ Mounting hardware for cabinets
- ☐ Breaker lock-on device to prevent unauthorized power interruption to control power and powerline connection (if present)
- ☐ Anti-corrosion compound to apply to ends of wire, if necessary

Call Control-Link Central™ operations center at 877/347-3319 to schedule activation of the control system upon completion of the installation.

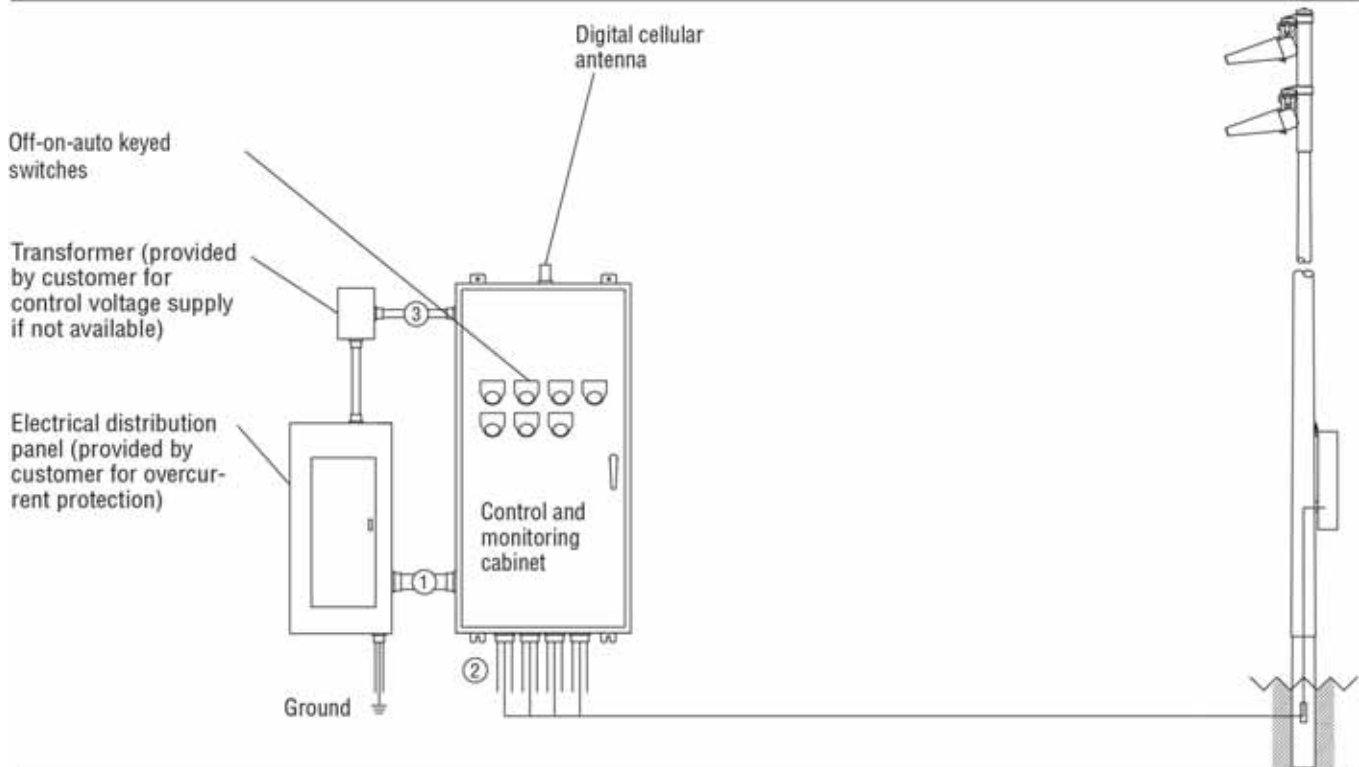
Note: Activation may take up to 1 1/2 hours.

IMPORTANT NOTES

1. Please confirm that the design voltage listed above is accurate for this facility. Design voltage/phase is defined as the voltage/phase being connected and utilized at each lighting pole's electrical components enclosure disconnect. Inaccurate design voltage/phase can result in additional costs and delays. Contact your Musco sales representative to confirm this item.
2. In a 3 phase design, all 3 phases are to be run to each pole. When a 3 phase design is used Musco's single phase luminaires come pre-wired to utilize all 3 phases across the entire facility.
3. One contactor is required for each pole. When a pole has multiple circuits, one contactor is required for each circuit. All contactors are 100% rated for the published continuous load. All contactors are 3 pole.
4. If the lighting system will be fed from more than one distribution location, additional equipment may be required. Contact your Musco sales representative.
5. A single control circuit must be supplied per control system.
6. Size overcurrent devices using the full load amps column of the Circuit Summary By Zone chart- Minimum power factor is 0.9.

NOTE: Refer to Installation Instructions for more details on equipment information and the installation requirements.

Control•Link. Control and Monitoring System



Conduit ID	Description	# of Wires	Wire (AWG)	Conduit (in)	Max. Wire Length (ft)	MUSCO Supplied	Notes
1	Line power to contactors, and equipment grounding conductor	*A	*B	*C	N/A	No	A-E
1	Power-line Communication Connection (dedicated, 20A)	*A	12	*C	N/A	No	A-E
2	Load power to lighting circuits, and equipment grounding conductor	*A	*B	*C	N/A	No	A-E
3	Control power (dedicated, 20A)	3	12	*C	N/A	No	C,E

* Notes:

- A. See voltage and phasing per the notes on cover page.
- B. Calculate per load and voltage drop.
- C. All conduit diameters should be per code unless otherwise specified to allow for connector size.
- D. Equipment grounding conductor and any splices must be insulated.
- E. Refer to control and monitoring system installation instructions for more details on equipment information and the installation requirements.

R60-100-00_A

IMPORTANT: Control wires (3) must be in separate conduit from line and load power wires (1, 2).



Control System Summary

Cornerstone Park Athletic Complex / 195501 - 195501J2
NE Service - Page 3 of 16

SWITCHING SCHEDULE

Field/Zone Description	Zones
Baseball 5	1
Baseball 6	2
Baseball 7	3
Baseball 8	4

CONTROL POWER CONSUMPTION	
120V Single Phase	
VA loading of Musco Supplied Equipment	INRUSH: 5473.0
	SEALED: 595.8

CIRCUIT SUMMARY BY ZONE

POLE	CIRCUIT DESCRIPTION	# OF FIXTURES	# OF DRIVERS	*FULL LOAD AMPS	CONTACTOR SIZE (AMPS)	CONTACTOR ID	ZONE
A10	Baseball 5	4	4	7.1	30	C1	1
A11	Baseball 5	4	4	7.1	30	C2	1
B17	Baseball 5	8	8	15.4	30	C3	1
B18	Baseball 5	8	8	14.1	30	C4	1
A8	Baseball 6	4	4	6.5	30	C5	2
A11	Baseball 6	4	4	6.5	30	C6	2
B13	Baseball 6	6	6	12.8	30	C7	2
B19	Baseball 6	6	6	12.8	30	C8	2
C3	Baseball 6	4	4	6.5	30	C9	2
C4	Baseball 6	4	4	6.5	30	C10	2
A8	Baseball 7	4	4	7.1	30	C11	3
A9	Baseball 7	4	4	7.1	30	C12	3
B13	Baseball 7	6	6	12.8	30	C13	3
B14	Baseball 7	6	6	12.8	30	C14	3
C1	Baseball 7	4	4	6.5	30	C15	3
C2	Baseball 7	4	4	6.5	30	C16	3
A9	Baseball 8	4	4	7.1	30	C17	4
A10	Baseball 8	4	4	7.1	30	C18	4
B15	Baseball 8	8	8	15.4	30	C19	4
B16	Baseball 8	8	8	14.1	30	C20	4

*Full Load Amps based on amps per driver.



Control System Summary

Cornerstone Park Athletic Complex / 195501 - 195501J2
NE Service - Page 4 of 16

PANEL SUMMARY						
CABINET #	CONTROL MODULE LOCATION	CONTACTOR ID	CIRCUIT DESCRIPTION	FULL LOAD AMPS	DISTRIBUTION PANEL ID (BY OTHERS)	CIRCUIT BREAKER POSITION (BY OTHERS)
1	1	C1	Pole A10	7.08		
1	1	C2	Pole A11	7.08		
1	1	C3	Pole B17	15.35		
1	1	C4	Pole B18	14.07		
1	1	C5	Pole A8	6.50		
1	1	C6	Pole A11	6.50		
1	1	C7	Pole B13	12.82		
1	1	C8	Pole B19	12.82		
1	1	C9	Pole C3	6.50		
1	1	C10	Pole C4	6.50		
1	1	C11	Pole A8	7.08		
1	1	C12	Pole A9	7.08		
2	1	C13	Pole B13	12.82		
2	1	C14	Pole B14	12.82		
2	1	C15	Pole C1	6.50		
2	1	C16	Pole C2	6.50		
2	1	C17	Pole A9	7.08		
2	1	C18	Pole A10	7.08		
2	1	C19	Pole B15	15.35		
2	1	C20	Pole B16	14.07		

ZONE SCHEDULE				
ZONE	SELECTOR SWITCH	ZONE DESCRIPTION	CIRCUIT DESCRIPTION	
			POLE ID	CONTACTOR ID
Zone 1	1	Baseball 5	A10	C1
			A11	C2
			B17	C3
			B18	C4
Zone 2	2	Baseball 6	A8	C5
			A11	C6
			B13	C7
			B19	C8
			C3	C9
			C4	C10
Zone 3	3	Baseball 7	A8	C11
			A9	C12
			B13	C13
			B14	C14
			C1	C15
			C2	C16
Zone 4	4	Baseball 8	A9	C17
			A10	C18
			B15	C19
			B16	C20



Control System Summary

Project Specific Notes:

Project Information

Project #: 195501
Project Name: Cornerstone Park Athletic Complex
Date: 08/06/20
Project Engineer: Isaac Sanders
Sales Representative: Gerry Logan JR
Control System Type: Control-Link™ Control and Monitoring System
Communication Type: PowerLine-ST
Scan: 195501J2
Document ID: 195501P1V9-0806135552
Distribution Panel Location or ID: SE Service
Total # of Distribution Panel Locations for Project: 4
Design Voltage/Hertz/Phase: 480/60/3
Control Voltage: 120

Equipment Listing

DESCRIPTION	APPROXIMATE SIZE	
1.Control and Monitoring Cabinet	24 X 72	
2.Control and Monitoring Cabinet	24 X 48	
	QTY	SIZE (AMPS)
Total Contactors	16	30 AMP
Total Off/On/Auto Switches:	4	

Materials Checklist

Contractor/Customer Supplied:

- ☐ A dedicated control circuit must be supplied per distribution panel location
 - If the control voltage is NOT available, a control transformer is required
- ☐ Electrical distribution panel to provide overcurrent protection for circuits
 - HID rated or D-curve circuit breaker sized per full load amps on Circuit Summary by Zone Chart
- ☐ Wiring
 - See chart on page 2 for wiring requirements
 - Equipment grounding conductor and splices must be insulated (per circuit)
 - Lightning ground protection (per pole), if not Musco supplied
- ☐ Electrical conduit wireway system
 - Entrance hubs rated NEMA 4, must be die-cast zinc, PVC, or copper-free die-cast aluminum
- ☐ Mounting hardware for cabinets
- ☐ Breaker lock-on device to prevent unauthorized power interruption to control power and powerline connection (if present)
- ☐ Anti-corrosion compound to apply to ends of wire, if necessary

Call Control-Link Central™ operations center at 877/347-3319 to schedule activation of the control system upon completion of the installation.

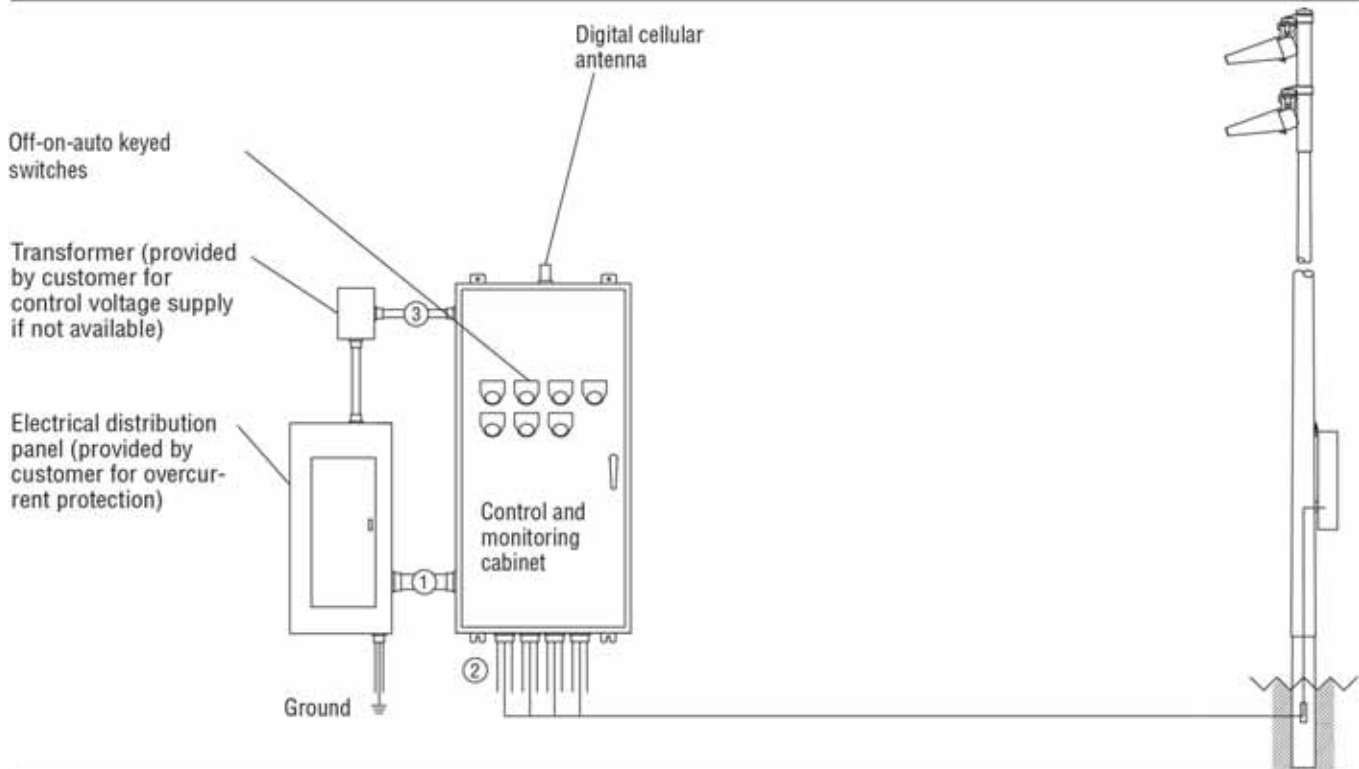
Note: Activation may take up to 1 1/2 hours.

IMPORTANT NOTES

1. Please confirm that the design voltage listed above is accurate for this facility. Design voltage/phase is defined as the voltage/phase being connected and utilized at each lighting pole's electrical components enclosure disconnect. Inaccurate design voltage/phase can result in additional costs and delays. Contact your Musco sales representative to confirm this item.
2. In a 3 phase design, all 3 phases are to be run to each pole. When a 3 phase design is used Musco's single phase luminaires come pre-wired to utilize all 3 phases across the entire facility.
3. One contactor is required for each pole. When a pole has multiple circuits, one contactor is required for each circuit. All contactors are 100% rated for the published continuous load. All contactors are 3 pole.
4. If the lighting system will be fed from more than one distribution location, additional equipment may be required. Contact your Musco sales representative.
5. A single control circuit must be supplied per control system.
6. Size overcurrent devices using the full load amps column of the Circuit Summary By Zone chart- Minimum power factor is 0.9.

NOTE: Refer to Installation Instructions for more details on equipment information and the installation requirements.

Control•Link. Control and Monitoring System



Conduit ID	Description	# of Wires	Wire (AWG)	Conduit (in)	Max. Wire Length (ft)	MUSCO Supplied	Notes
1	Line power to contactors, and equipment grounding conductor	*A	*B	*C	N/A	No	A-E
1	Power-line Communication Connection (dedicated, 20A)	*A	12	*C	N/A	No	A-E
2	Load power to lighting circuits, and equipment grounding conductor	*A	*B	*C	N/A	No	A-E
3	Control power (dedicated, 20A)	3	12	*C	N/A	No	C,E

* Notes:

- A. See voltage and phasing per the notes on cover page.
- B. Calculate per load and voltage drop.
- C. All conduit diameters should be per code unless otherwise specified to allow for connector size.
- D. Equipment grounding conductor and any splices must be insulated.
- E. Refer to control and monitoring system installation instructions for more details on equipment information and the installation requirements.

R60-100-00_A

IMPORTANT: Control wires (3) must be in separate conduit from line and load power wires (1, 2).



Control System Summary

Cornerstone Park Athletic Complex / 195501 -
SE Service - Page 7 of 16

SWITCHING SCHEDULE

Field/Zone Description	Zones
Baseball 1	1
Baseball 2	2
Baseball 3	3
Baseball 4	4

CONTROL POWER CONSUMPTION	
120V Single Phase	
VA loading of Musco Supplied Equipment	INRUSH: 4493.0
	SEALED: 491.8

CIRCUIT SUMMARY BY ZONE

POLE	CIRCUIT DESCRIPTION	# OF FIXTURES	# OF DRIVERS	*FULL LOAD AMPS	CONTACTOR SIZE (AMPS)	CONTACTOR ID	ZONE
A3	Baseball 1	4	4	7.1	30	C1	1
A4	Baseball 1	4	4	7.1	30	C2	1
B5	Baseball 1	8	8	15.4	30	C3	1
B6	Baseball 1	8	8	14.1	30	C4	1
A1	Baseball 2	4	4	6.4	30	C5	2
A4	Baseball 2	4	4	7.1	30	C6	2
B7	Baseball 2	8	8	15.4	30	C7	2
B8	Baseball 2	8	8	14.1	30	C8	2
A1	Baseball 3	4	4	7.1	30	C9	3
A2	Baseball 3	4	4	7.1	30	C10	3
B1	Baseball 3	8	8	15.4	30	C11	3
B2	Baseball 3	8	8	14.1	30	C12	3
A2	Baseball 4	4	4	7.1	30	C13	4
A3	Baseball 4	4	4	7.1	30	C14	4
B3	Baseball 4	8	8	15.4	30	C15	4
B4	Baseball 4	8	8	14.1	30	C16	4

*Full Load Amps based on amps per driver.



Control System Summary

Cornerstone Park Athletic Complex / 195501 -
SE Service - Page 8 of 16

PANEL SUMMARY

CABINET #	CONTROL MODULE LOCATION	CONTACTOR ID	CIRCUIT DESCRIPTION	FULL LOAD AMPS	DISTRIBUTION PANEL ID (BY OTHERS)	CIRCUIT BREAKER POSITION (BY OTHERS)
3	2	C1	Pole A3	7.08		
3	2	C2	Pole A4	7.08		
3	2	C3	Pole B5	15.35		
3	2	C4	Pole B6	14.07		
3	2	C5	Pole A1	6.44		
3	2	C6	Pole A4	7.08		
3	2	C7	Pole B7	15.35		
3	2	C8	Pole B8	14.07		
3	2	C9	Pole A1	7.08		
3	2	C10	Pole A2	7.08		
3	2	C11	Pole B1	15.35		
3	2	C12	Pole B2	14.07		
4	2	C13	Pole A2	7.08		
4	2	C14	Pole A3	7.08		
4	2	C15	Pole B3	15.35		
4	2	C16	Pole B4	14.07		

ZONE SCHEDULE

ZONE	SELECTOR SWITCH	ZONE DESCRIPTION	CIRCUIT DESCRIPTION	
			POLE ID	CONTACTOR ID
Zone 1	1	Baseball 1	A3	C1
			A4	C2
			B5	C3
			B6	C4
Zone 2	2	Baseball 2	A1	C5
			A4	C6
			B7	C7
			B8	C8
Zone 3	3	Baseball 3	A1	C9
			A2	C10
			B1	C11
			B2	C12
Zone 4	4	Baseball 4	A2	C13
			A3	C14
			B3	C15
			B4	C16



Control System Summary

Project Specific Notes:

Project Information

Project #: 195501
Project Name: Cornerstone Park Athletic Complex
Date: 08/06/20
Project Engineer: Isaac Sanders
Sales Representative: Gerry Logan JR
Control System Type: Control-Link™ Control and Monitoring System
Communication Type: PowerLine-ST
Scan: 195501J2
Document ID: 195501P1V9-0806135552
Distribution Panel Location or ID: NW Service
Total # of Distribution Panel Locations for Project: 4
Design Voltage/Hertz/Phase: 480/60/3
Control Voltage: 120

Equipment Listing

DESCRIPTION	APPROXIMATE SIZE	
1.Control and Monitoring Cabinet	24 X 72	
2.Control and Monitoring Cabinet	24 X 48	
	QTY	SIZE (AMPS)
Total Contactors	16	30 AMP
Total Off/On/Auto Switches:	4	

Materials Checklist

Contractor/Customer Supplied:

- ☐ A dedicated control circuit must be supplied per distribution panel location
 - If the control voltage is NOT available, a control transformer is required
- ☐ Electrical distribution panel to provide overcurrent protection for circuits
 - HID rated or D-curve circuit breaker sized per full load amps on Circuit Summary by Zone Chart
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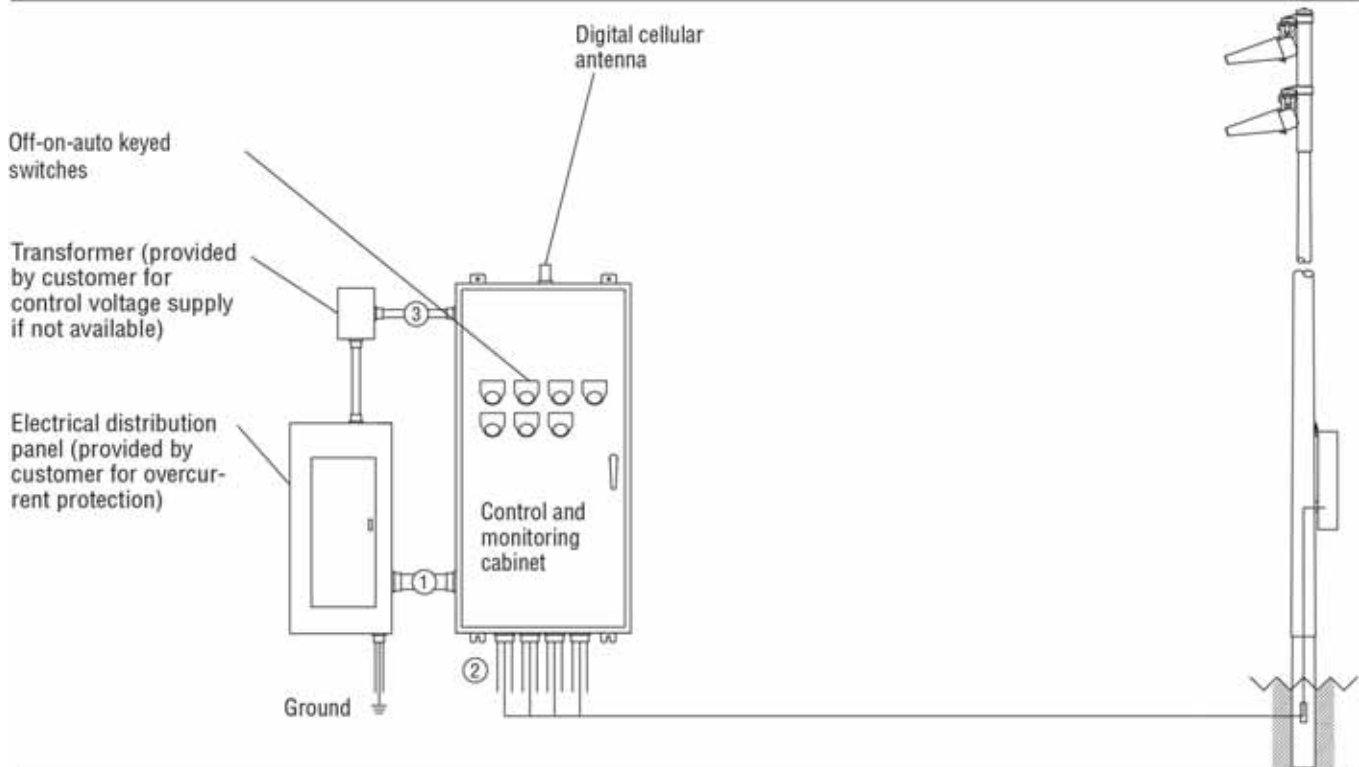
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2. In a 3 phase design, all 3 phases are to be run to each pole. When a 3 phase design is used Musco's single phase luminaires come pre-wired to utilize all 3 phases across the entire facility.
3. One contactor is required for each pole. When a pole has multiple circuits, one contactor is required for each circuit. All contactors are 100% rated for the published continuous load. All contactors are 3 pole.
4. If the lighting system will be fed from more than one distribution location, additional equipment may be required. Contact your Musco sales representative.
5. A single control circuit must be supplied per control system.
6. Size overcurrent devices using the full load amps column of the Circuit Summary By Zone chart- Minimum power factor is 0.9.

NOTE: Refer to Installation Instructions for more details on equipment information and the installation requirements.

Control•Link. Control and Monitoring System



Conduit ID	Description	# of Wires	Wire (AWG)	Conduit (in)	Max. Wire Length (ft)	MUSCO Supplied	Notes
1	Line power to contactors, and equipment grounding conductor	*A	*B	*C	N/A	No	A-E
1	Power-line Communication Connection (dedicated, 20A)	*A	12	*C	N/A	No	A-E
2	Load power to lighting circuits, and equipment grounding conductor	*A	*B	*C	N/A	No	A-E
3	Control power (dedicated, 20A)	3	12	*C	N/A	No	C,E

* Notes:

- A. See voltage and phasing per the notes on cover page.
- B. Calculate per load and voltage drop.
- C. All conduit diameters should be per code unless otherwise specified to allow for connector size.
- D. Equipment grounding conductor and any splices must be insulated.
- E. Refer to control and monitoring system installation instructions for more details on equipment information and the installation requirements.

R60-100-00_A

IMPORTANT: Control wires (3) must be in separate conduit from line and load power wires (1, 2).



Control System Summary

Cornerstone Park Athletic Complex / 195501 -
NW Service - Page 11 of 16

SWITCHING SCHEDULE

Field/Zone Description	Zones
Baseball 9	1
Baseball 10	2
Baseball 11	3
Baseball 12	4

CONTROL POWER CONSUMPTION	
120V Single Phase	
VA loading of Musco Supplied Equipment	INRUSH: 4493.0
	SEALED: 491.8

CIRCUIT SUMMARY BY ZONE

POLE	CIRCUIT DESCRIPTION	# OF FIXTURES	# OF DRIVERS	*FULL LOAD AMPS	CONTACTOR SIZE (AMPS)	CONTACTOR ID	ZONE
A6	Baseball 9	4	4	7.1	30	C1	1
A7	Baseball 9	4	4	7.1	30	C2	1
B11	Baseball 9	8	8	15.4	30	C3	1
B12	Baseball 9	8	8	14.1	30	C4	1
A5	Baseball 10	4	4	7.1	30	C5	2
A6	Baseball 10	4	4	7.1	30	C6	2
B9	Baseball 10	8	8	15.4	30	C7	2
B10	Baseball 10	8	8	15.3	30	C8	2
A7	Baseball 11	4	4	6.5	30	C9	3
A12	Baseball 11	4	4	6.5	30	C10	3
B20	Baseball 11	8	8	15.4	30	C11	3
B21	Baseball 11	8	8	14.1	30	C12	3
A5	Baseball 12	4	4	6.5	30	C13	4
A12	Baseball 12	4	4	6.5	30	C14	4
B22	Baseball 12	8	8	15.4	30	C15	4
B23	Baseball 12	8	8	14.1	30	C16	4

*Full Load Amps based on amps per driver.



Control System Summary

Cornerstone Park Athletic Complex / 195501 -
NW Service - Page 12 of 16

PANEL SUMMARY

CABINET #	CONTROL MODULE LOCATION	CONTACTOR ID	CIRCUIT DESCRIPTION	FULL LOAD AMPS	DISTRIBUTION PANEL ID (BY OTHERS)	CIRCUIT BREAKER POSITION (BY OTHERS)
5	3	C1	Pole A6	7.08		
5	3	C2	Pole A7	7.08		
5	3	C3	Pole B11	15.35		
5	3	C4	Pole B12	14.07		
5	3	C5	Pole A5	7.08		
5	3	C6	Pole A6	7.08		
5	3	C7	Pole B9	15.35		
5	3	C8	Pole B10	15.33		
5	3	C9	Pole A7	6.50		
5	3	C10	Pole A12	6.50		
5	3	C11	Pole B20	15.35		
5	3	C12	Pole B21	14.07		
6	3	C13	Pole A5	6.50		
6	3	C14	Pole A12	6.50		
6	3	C15	Pole B22	15.35		
6	3	C16	Pole B23	14.07		

ZONE SCHEDULE

ZONE	SELECTOR SWITCH	ZONE DESCRIPTION	CIRCUIT DESCRIPTION	
			POLE ID	CONTACTOR ID
Zone 1	1	Baseball 9	A6	C1
			A7	C2
			B11	C3
			B12	C4
Zone 2	2	Baseball 10	A5	C5
			A6	C6
			B9	C7
			B10	C8
Zone 3	3	Baseball 11	A7	C9
			A12	C10
			B20	C11
			B21	C12
Zone 4	4	Baseball 12	A5	C13
			A12	C14
			B22	C15
			B23	C16



Control System Summary

Project Specific Notes:

Project Information

Project #: 195501
Project Name: Cornerstone Park Athletic Complex
Date: 08/06/20
Project Engineer: Isaac Sanders
Sales Representative: Gerry Logan JR
Control System Type: Control-Link™ Control and Monitoring System
Communication Type: PowerLine-ST
Scan: 195501J2
Document ID: 195501P1V9-0806135552
Distribution Panel Location or ID: Central Service
Total # of Distribution Panel Locations for Project: 4
Design Voltage/Hertz/Phase: 480/60/3
Control Voltage: 120

Equipment Listing

DESCRIPTION	APPROXIMATE SIZE
1. Control and Monitoring Cabinet	24 X 48

	QTY	SIZE (AMPS)
Total Contactors	3	30 AMP
Total Off/On/Auto Switches:	1	

Materials Checklist

Contractor/Customer Supplied:

- ☐ A dedicated control circuit must be supplied per distribution panel location
 - If the control voltage is NOT available, a control transformer is required
- ☐ Electrical distribution panel to provide overcurrent protection for circuits
 - HID rated or D-curve circuit breaker sized per full load amps on Circuit Summary by Zone Chart
- ☐ Wiring
 - See chart on page 2 for wiring requirements
 - Equipment grounding conductor and splices must be insulated (per circuit)
 - Lightning ground protection (per pole), if not Musco supplied
- ☐ Electrical conduit wireway system
 - Entrance hubs rated NEMA 4, must be die-cast zinc, PVC, or copper-free die-cast aluminum
- ☐ Mounting hardware for cabinets
- ☐ Breaker lock-on device to prevent unauthorized power interruption to control power and powerline connection (if present)
- ☐ Anti-corrosion compound to apply to ends of wire, if necessary

Call Control-Link Central™ operations center at 877/347-3319 to schedule activation of the control system upon completion of the installation.

Note: Activation may take up to 1 1/2 hours.

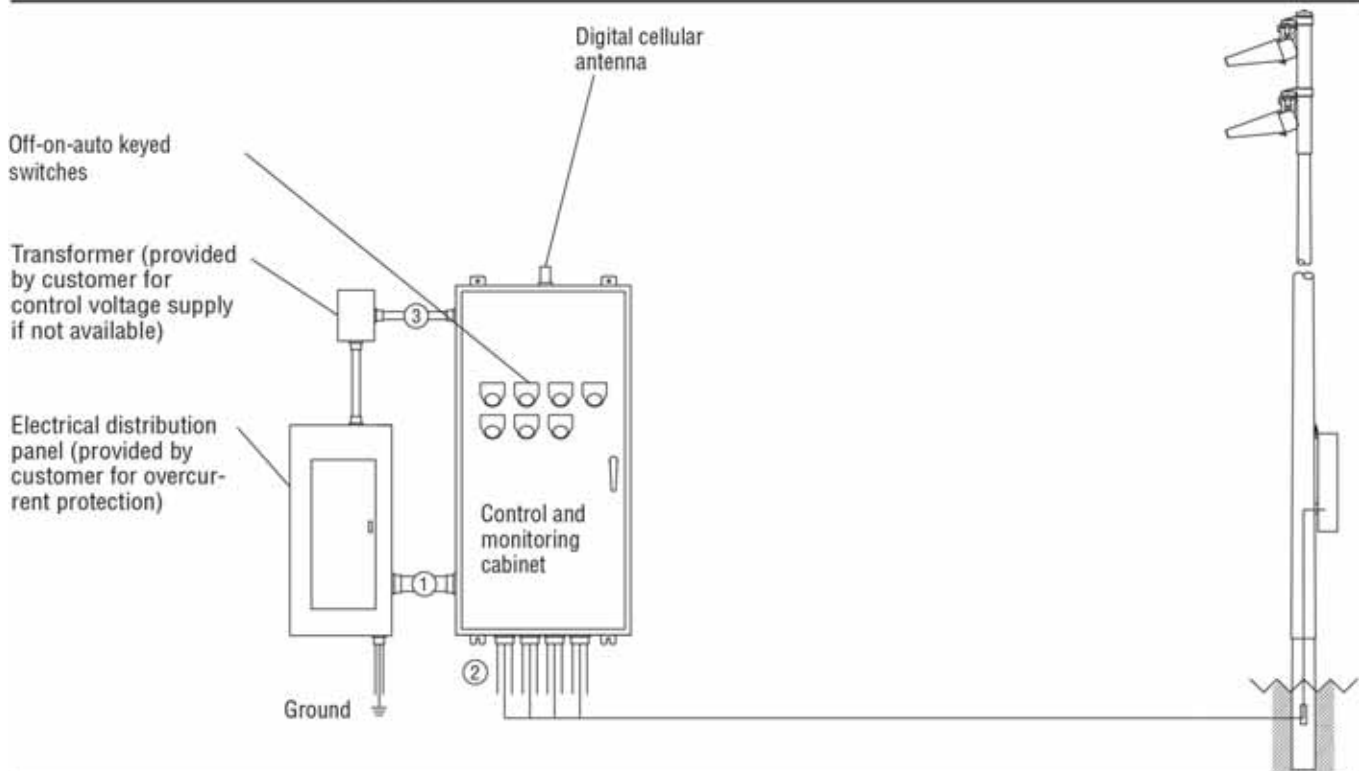
Preliminary Plans
Confirm all Details - voltage,
of distribution panels, etc.

IMPORTANT NOTES

1. Please confirm that the design voltage listed above is accurate for this facility. Design voltage/phase is defined as the voltage/phase being connected and utilized at each lighting pole's electrical components enclosure disconnect. Inaccurate design voltage/phase can result in additional costs and delays. Contact your Musco sales representative to confirm this item.
2. In a 3 phase design, all 3 phases are to be run to each pole. When a 3 phase design is used Musco's single phase luminaires come pre-wired to utilize all 3 phases across the entire facility.
3. One contactor is required for each pole. When a pole has multiple circuits, one contactor is required for each circuit. All contactors are 100% rated for the published continuous load. All contactors are 3 pole.
4. If the lighting system will be fed from more than one distribution location, additional equipment may be required. Contact your Musco sales representative.
5. A single control circuit must be supplied per control system.
6. Size overcurrent devices using the full load amps column of the Circuit Summary By Zone chart- Minimum power factor is 0.9.

NOTE: Refer to Installation Instructions for more details on equipment information and the installation requirements.

Control•Link. Control and Monitoring System



Conduit ID	Description	# of Wires	Wire (AWG)	Conduit (in)	Max. Wire Length (ft)	MUSCO Supplied	Notes
1	Line power to contactors, and equipment grounding conductor	*A	*B	*C	N/A	No	A-E
1	Power-line Communication Connection (dedicated, 20A)	*A	12	*C	N/A	No	A-E
2	Load power to lighting circuits, and equipment grounding conductor	*A	*B	*C	N/A	No	A-E
3	Control power (dedicated, 20A)	3	12	*C	N/A	No	C,E

* Notes:

- A. See voltage and phasing per the notes on cover page.
- B. Calculate per load and voltage drop.
- C. All conduit diameters should be per code unless otherwise specified to allow for connector size.
- D. Equipment grounding conductor and any splices must be insulated.
- E. Refer to control and monitoring system installation instructions for more details on equipment information and the installation requirements.

R60-100-00_A

IMPORTANT: Control wires (3) must be in separate conduit from line and load power wires (1, 2).



Control System Summary

Cornerstone Park Athletic Complex / 195501 -
Central Service - Page 15 of 16

SWITCHING SCHEDULE

Field/Zone Description	Zones
T-ball	1

CONTROL POWER CONSUMPTION	
120V Single Phase	
VA loading of Musco Supplied Equipment	INRUSH: 1308.0
	SEALED: 153.8

CIRCUIT SUMMARY BY ZONE							
POLE	CIRCUIT DESCRIPTION	# OF FIXTURES	# OF DRIVERS	*FULL LOAD AMPS	CONTACTOR SIZE (AMPS)	CONTACTOR ID	ZONE
P1	T-ball	3	3	5.3	30	C1	1
P2	T-ball	3	3	5.3	30	C2	1
P3	T-ball	6	6	10.5	30	C3	1

*Full Load Amps based on amps per driver.



Control System Summary

Cornerstone Park Athletic Complex / 195501 -
Central Service - Page 16 of 16

PANEL SUMMARY

CABINET #	CONTROL MODULE LOCATION	CONTACTOR ID	CIRCUIT DESCRIPTION	FULL LOAD AMPS	DISTRIBUTION PANEL ID (BY OTHERS)	CIRCUIT BREAKER POSITION (BY OTHERS)
7	4	C1	Pole P1	5.25		
7	4	C2	Pole P2	5.25		
7	4	C3	Pole P3	10.50		

ZONE SCHEDULE

ZONE SCHEDULE				
ZONE	SELECTOR SWITCH	ZONE DESCRIPTION	CIRCUIT DESCRIPTION	
			POLE ID	CONTACTOR ID
Zone 1	1	T-ball	P1	C1
			P2	C2
			P3	C3



I. ELECTRICAL DISTRIBUTION PLANS

Musco's Light-Structure System™ with TLC for LED™ technology is the bases of design. Electrical Distribution Plans will require no change.



J. WARRANTY



Musco Warranty Department

Musco Sports Lighting, LLC will provide all materials and labor to maintain operation of its lighting system to original design criteria for 25 or 10 years. Musco products and services are guaranteed to perform for the customer as detailed in the Musco Constant 25™ documents. Under the Musco Constant 25™ Product Assurance & Warranty Program, Musco pays any upfront cost for shipping cost, installation cost, any associated rental equipment cost & disposal cost for the replaced equipment.

Our Team:

Musco Sports Lighting, LLC has over 160 Team Members dedicated to operating and maintaining customer lighting around the USA. Regionally based service technicians are available for quick responses. These Team Members are factory-trained and specialize in routine maintenance, repairs, and analysis of sports lighting systems.

Technical Specialist– Takes initial calls from customer and troubleshoots to determine needs; determines and provides technical resources for our technicians and contractors

Warranty Specialist– Determines timing with customer and the best method for repair based on that timing

Logistics Supervisors– Schedules Musco Technicians to perform Warranty, Service and Parts, and other service work.

Service Project Manager– Provide logistics and service for enhancement and large replacement projects; back up Tech Specialists and others as needed

Regional Techs– Responsible for troubleshooting and repair of Musco systems. They typically cover a specific region.

Mobile Techs - Responsible for troubleshooting and repair of Musco systems. They typically cover multiple regions and fill in when needed. Also responsible for relamping of Musco LSG systems throughout the United States.



By the numbers: 2019

- **Call Reports**
 - 16,226 Resolved
 - 14,445 in the US
 - 1,781 in International markets
- **Service Orders**
 - 7,391 Resolved
 - 5,339 in the US
 - 2,052 in International markets
- **Facilities/Fields**
 - 6,710 Unique Facilities
 - 9,689 Unique Fields
- **Re-lamped**
 - 34,551 Fixtures

Corporate: 100 1st Ave West - PO Box 808 - Oskaloosa, IA 52577 - 641/673-0411 - 800/825-6020 - Fax: 641/673-4852
Manufacturing: 2107 Stewart Road - PO Box 260 - Muscatine, IA 52761 - 563/263-2281 - 800/756-1205 - Fax: 800/374-6402
Web: www.musco.com - **Email:** lighting@musco.com



25 Year Warranty References

Projects:	Contact Information
Snowden Grove Soccer Fields	Josh Henry – Facilities Director City of Southaven Phone: 662.349.4362
Neshoba Central High School Football	Tommy Holland - Athletics Director Neshoba Central High School Phone: 601.656.3654
Southern State Soccer Academy	Sid Reynolds – Director of Operations Southern State Soccer Phone: 601.602.6998
Ivy Park Fields	Todd McCullough City of Louisville Phone: 662.773.7896
West Tallahatchie High School Football	Christopher Furdge Superintendent of Schools Phone: 601.375.9292

Musco's Controls & Lighting Services Teams

UNEQUALED. ACCESSIBLE. KNOWLEDGABLE. ACCOUNTABLE.

Over 160 team members dedicated to operating and maintaining your sports lighting



Control-Link Central™ • (877) 347-3319
www.control-link.com • schedule@musco.com • FAX (800) 853-8847

- Staffed 24/7 with several easy ways to contact us
- Trained operators provide scheduling and reporting assistance and one-on-one phone training
- Conducts proactive nightly tests to assure your control system is operating properly, even when the lights aren't in use
- Easy access to field usage data
- Field operation monitoring

"We strive to provide a level of service where every customer reaches a live operator, rather than a voice mail system, when they call in. We can make your last minute schedule changes happen in just a few minutes."

— Mike Mason, Control-Link Manager



Lighting Services Team • (800) 825-6020
warranty@musco.com • FAX (888) 397-8736

- Trained technicians specializing in sports lighting provide field maintenance, warranty work, consulting, and temporary lighting
- Regionally based to effectively provide lighting services in every state plus a network of over 1800 contractors
- Ongoing field inspection program

"Our technicians have an unequalled expertise in sports lighting. With our field monitoring, we'll contact you within one business day of detecting a fixture outage on your field . . . often before you even know about it."

— Jeff McNulty, Director of Field Operations



Control-Link Central operators oversee the on/off control of over 22,000 fields each month and have experience with controlling over 4 million schedules per year.



Our lighting services team travels over 1 million miles each year. They inspect, fine tune, or provide yearly maintenance on more than 11,000 fields and supply temporary lighting for over 250 hours of live television broadcasts annually.



Each year, Musco technicians work atop a combined total of 318 miles of poles to ensure trouble-free operation for customers. That's the equivalent of climbing to the summit of Mount Everest . . . 58 times.

Specific funds are set aside to provide solid financial resources to fulfill the maintenance and warranty needs for every Musco Lighting project.

Musco Service ... We Make It Happen®



Musco Constant 25™

25-Year Product Assurance & Warranty Program

Project name: Cornerstone Park Athletic Complex Project number: 195501
Owner: City of Starkville City: Starkville State: MS
Covered product(s): Light-Structure System™ with TLC for LED™ technology
Date issued: Date of Shipment Expiration: Date of Shipment + 25 Years

Musco Sports Lighting, LLC will provide all materials and labor to maintain operation of your lighting system to original design criteria for 25 years. Musco products and services are guaranteed to perform on your project as detailed in this document.

Light Performance

Specified illumination levels will be maintained and are marked as guaranteed in the Musco Illumination Summary. Individual luminaire outages that occur during the warranty and maintenance period are repaired when the usage of any field is materially impacted.

Spill Light Control

If specified, spill light levels at identified locations are guaranteed to be controlled to the maximum values provided in the Musco Illumination Summary.

Energy Consumption

Total average kW consumption for your lighting system is guaranteed to be not more than the total load shown in the Musco Illumination Summary.

Monitoring, Maintenance, and Control Services

Musco shall monitor the performance of your lighting system, including on/off status, hours of usage, and luminaire outages. If outages that affect playability are detected, Musco will contact you and proactively dispatch technicians.

On-off control of your lighting system is provided via an easy-to-use web site scheduling system, smartphone app, phone, email, or fax. Our trained Control-Link Central™ service center staff is available toll-free 24/7. Regular usage reports are always available on Control-Link Central's web site.

Structural Integrity

Your project has been designed to IBC, 2018, 110mph, Exposure C.
Structural integrity of equipment manufactured by Musco is guaranteed.

Musco has a team of people to ensure fulfillment of our product and services warranty and maintains financial reserves dedicated to support our fulfillment of this warranty. Please keep this document as your signed contract guaranteeing comprehensive service for the 25 year period.



Musco Constant 25™

25-Year Product Assurance & Warranty Program

Terms and Conditions

Service under this Contract is provided by Musco Sports Lighting, LLC ("Musco") or an authorized servicer approved by Musco. Services performed under this Contract shall consist of furnishing labor and parts necessary to restore the operation of the Covered Product(s) to original design criteria provided such service is necessitated by failure of the Covered Product(s) during normal usage. This Contract covers Product(s) consisting of Musco's Total Light Control – TLC for LED® with Control-Link® and any additional Musco manufactured product as listed on page 1.

"We", "us," and "our" mean Musco. "You" and "your" mean the purchaser of the Covered Product(s). No one has the authority to change this Contract without the prior written approval of Musco. Musco shall not assume responsibility for their agents or assignees other than as described below. If there is a conflict between the terms of this Contract and information communicated either orally or in writing by one or more of our employees or agents, this Contract shall control.

Additional Provisions

1. **Availability of Service:** Control-Link Central™ operators shall be available 24/7 via web site, phone, fax, or email. Maintenance service specialists shall be available 8AM to 5PM Central Time, and services shall be rendered during these same hours in your local time zone, Monday through Friday (with the exception of national holidays). Hours of operation are subject to change without notice to you. Musco will exercise all reasonable efforts to perform service under this Contract, but will not be responsible for delays or failure in performing such services caused by adverse weather conditions, acts of any government, failure of transportation, accidents, riots, war, labor actions or strikes or other causes beyond its control.
2. **Determination of Repairs:** Musco will utilize the field monitoring system and any information provided by the customer to determine when the usage of the field is materially impacted. From this information, Musco will determine needed repair and/or replacement of Covered Product(s) and parts. Repair will be with Product(s) of like kind and quality.
3. **Your Requirements Under this Contract:** You must meet all electrical and installation requirements as specified by the manufacturer. In addition, you promise and assure: full cooperation with Musco, Musco's technicians and authorized servicers during telephone diagnosis and repair of the Covered Product(s); reasonable accessibility of the Covered Product(s); a nonthreatening and safe environment for service.

You agree to check fuses and to replace fuses as needed. Musco provides spare fuses in the lowest alpha-numeric numbered enclosure. Musco will replenish spare fuses used.

You agree to keep your control system online. This means keeping the required control voltage to the control system at all times. Any deviation from this practice must be discussed with Musco's Warranty Department.

4. **Service Limitations — This Contract does not cover:** Maintenance, repair, or replacement necessitated by loss or damage resulting from any external causes such as, but not limited to, theft, environmental conditions, negligence, misuse, abuse, improper electrical/power supply, unauthorized repairs by third parties, attachments, damage to cabinetry, equipment modifications, vandalism, animal or insect infestation, physical damage to Covered Product(s) parts or components, failure of existing structures, supporting electrical systems or any non-Musco equipment, or acts of God/nature (including, but not limited to: earthquake, flood, tornadoes, typhoons, hurricanes, or lightning).

5. Contract Limitations:

- a. **EXCLUSIONS FROM COVERAGE:** IN NO EVENT WILL MUSCO BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES WHICH INCLUDE, BUT ARE NOT LIMITED TO, ANY DELAY IN RENDERING SERVICE OR LOSS OF USE DURING THE REPAIR PERIOD OF THE COVERED PRODUCT(S) OR WHILE OTHERWISE AWAITING PARTS.

- b. **Limitation of Liability:** To the extent permitted by applicable law, the liability of Musco, if any, for any allegedly defective Covered Product(s) or components shall be limited to repair or replacement of the Covered Product(s) or components at Musco's option. THIS CONTRACT IS YOUR SOLE EXPRESS WARRANTY WITH RESPECT TO THE COVERED PRODUCT(S). ALL IMPLIED WARRANTIES WITH RESPECT TO THE COVERED PRODUCT(S) INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY EXPRESSLY EXCLUDED.

- c. For the purposes of and by your acceptance of this Contract you acknowledge and agree that if a surety bond ("Bond") is provided the warranty and/or maintenance guarantee provided for in this Contract and any corresponding liability on behalf of the issuing surety under the Bond is limited to the first twelve (12) months of said warranty and/or maintenance guarantee coverage period. Any warranty and/or guarantee coverage period in excess of said initial 12 month period does not fall within the scope of the Bond and shall be the sole responsibility of Musco.

- d. Musco requires reasonable access for a crane or man lift equipment to service the lighting system. Musco will not be responsible for damage from operating the vehicle on the property when the equipment is operated in the prescribed manner over the designated access route.

- e. **Obsolescence or Environmental Restrictions:** If during any maintenance or other work performed under this Warranty, any of the parts of the Covered Product(s) are found to be either obsolete, no longer available, or prohibited by any state or federal agency, Musco shall replace said parts with comparable parts and materials with equal operating characteristics solely at Musco's discretion. The cost of replacement of any obsolete cellular related technology shall be borne by you. Prior to completing any such work, Musco shall notify you of the cost (if any) you will incur in the replacement of such parts under this section.

6. **Transfer and Assignment:** Except to owners, you shall not have the right to assign or otherwise transfer your rights and obligations under this Contract except with the prior written consent of Musco; however, a successor in interest by merger, operation of law, assignment or purchase or otherwise of your entire business shall acquire all of your interests under this Contract.

7. **Governing Law:** Unless otherwise governed by applicable state law, the Contract shall be interpreted and enforced according to the laws of the State of Iowa.

8. **Subrogation:** In the event Musco repairs or replaces any Covered Product(s), parts or components due to any defect for which the manufacturer or its agents or suppliers may be legally responsible, you agree to assign your rights of recovery to Musco. You will be reimbursed for any reasonable costs and expenses you may incur in connection with the assignment of your rights. You will be made whole before Musco retains any amounts it may recover.

Signature: _____

Vice President of Sales



K. PROJECT REFERENCES

Project Installations: Mississippi - LED*

College

Hinds Community College
Raymond, Mississippi
April 2017

Mississippi State Dudy Noble Field**
Baseball Field
Starkville, Mississippi February 2019

University of Mississippi Vaught Hemingway Stadium
Football Field
University, Mississippi
November 2017

Baseball

Ivy Park Fields
Louisville, Mississippi
March 2019

Northeast Mississippi Community College**
Booneville, Mississippi
October 2019

Olive Branch City Park**
Olive Branch, Mississippi
December 2017

Tupelo High School   
Tupelo, Mississippi
February 2020

Warren Central High School
Vicksburg, Mississippi
February 2020

Softball

Canton High School
Canton, Mississippi
August 2020

Southeast Lauderdale High School
Meridian, Mississippi
June 2019

West Lauderdale High School
Collinsville, Mississippi
November 2018

Football

Delta State University**
Cleveland, Mississippi
July 2020

Mendenhall High School
Mendenhall, Mississippi
February 2018

Myrtle High School 
Myrtle, Mississippi
June 2020

O'Bannon High School** 
Greenville, Mississippi
June 2020

Riverside High School** 
Avon, Mississippi
June 2020

West Tallahatchie High School
Webb, Mississippi
August 2018

Multi-Purpose / Other Fields

Gulfport Sportsplex**
Baseball, Football & Softball
Gulfport, Mississippi
September 2018

University of Southern Mississippi
Sand Volleyball
Hattiesburg, Mississippi
February 2020

Soccer

Bayou Academy Soccer**
Cleveland, Mississippi
July 2020

Snowden Grove Soccer Fields**
Southaven, Mississippi
July 2020

Southern State Academy
Hattiesburg, Mississippi
July 2018

Tennis

Copiah Lincoln Community College
Wesson, Mississippi
June 2018



L. PRODUCT INFORMATION

Bill of Materials - Base Bid

Equipment Description	
118	Light-Structure System™ Total Light Control™ TLC-LED-1500 luminaires
64	Light-Structure System™ Total Light Control™ TLC-LED-1200 luminaires
15	Light-Structure System™ Total Light Control™ TLC-LED-600 luminaires
3	Light-Structure System™ Total Light Control™ TLC-LED-900 luminaires
60	Light-Structure System™ Total Light Control™ TLC-BT-575 luminaires
34	70' Galvanized steel poles
3	50' Galvanized steel poles
37	Pre-cast concrete foundations (9,500 PSI) with integrated grounding
✓	Factory wired and assembled pole top luminaire assemblies
✓	Factory wired electrical component enclosures
✓	Factory built wire harnesses with plug-in connections
Controls	
3	24" x 48" Control and monitoring cabinet
3	24" x 72" Control and monitoring cabinet
✓	High/medium/low dimming
47	30-amp contactors
11	On-Off-Auto (OOA) switches
Warranty	
✓	Musco's Constant 25™ product assurance and warranty program that eliminates 100% maintenance costs for 25 years, including labor, materials, monitoring and guaranteed light levels.



Bill of Materials - Alternate #1

Equipment Description	
20	Light-Structure System™ Total Light Control™ TLC-LED-1500 luminaires
12	Light-Structure System™ Total Light Control™ TLC-LED-1200 luminaires
4	Light-Structure System™ Total Light Control™ TLC-LED-600 luminaires
12	Light-Structure System™ Total Light Control™ TLC-BT-575 luminaires
5	70' Galvanized steel poles
5	Pre-cast concrete foundations (9,500 PSI) with integrated grounding
✓	Factory wired and assembled pole top luminaire assemblies
✓	Factory wired electrical component enclosures
✓	Factory built wire harnesses with plug-in connections
Controls	
1	24" x 48" Control and monitoring cabinet
✓	High/medium/low dimming
8	30-amp contactors
2	On-Off-Auto (OOA) switches
Warranty	
✓	Musco's Constant 25™ product assurance and warranty program that eliminates 100% maintenance costs for 25 years, including labor, materials, monitoring and guaranteed light levels.



TLC for LED®

5 Easy Pieces™

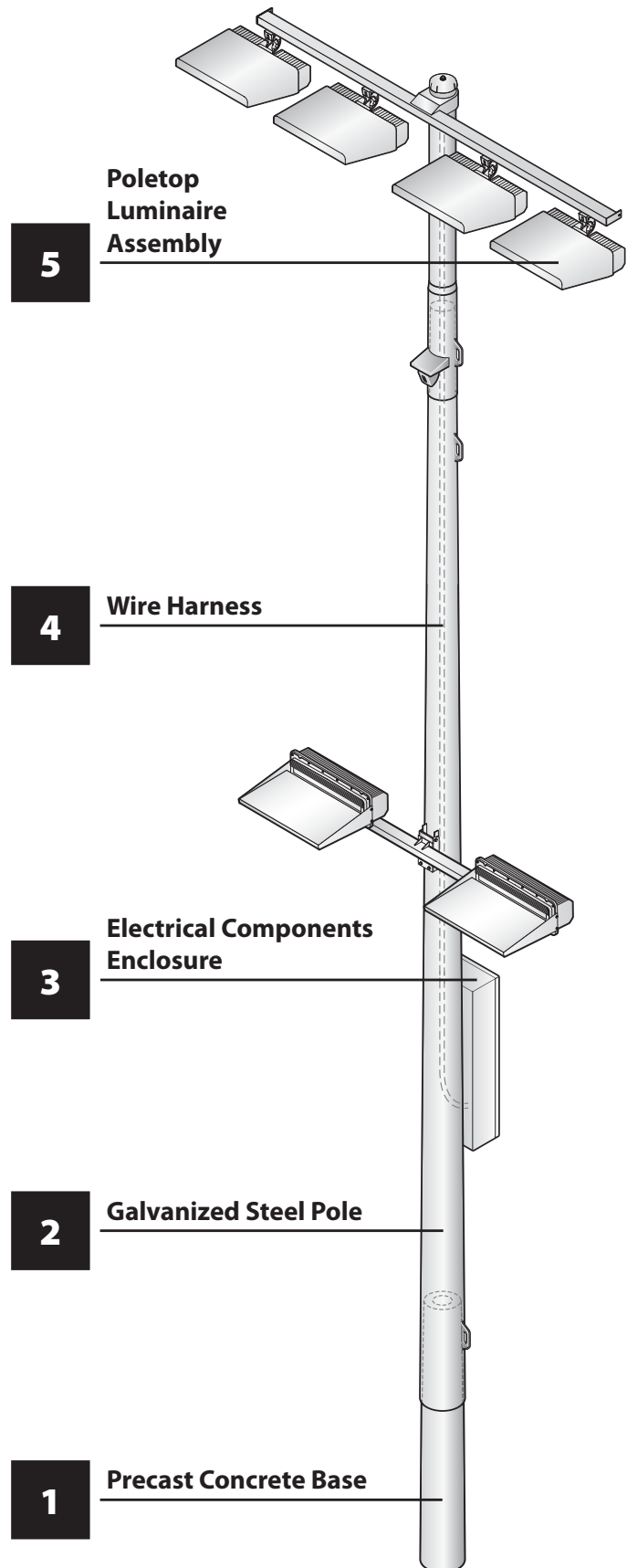
Complete System from
Foundation to Poletop

Factory wired, aimed, and tested

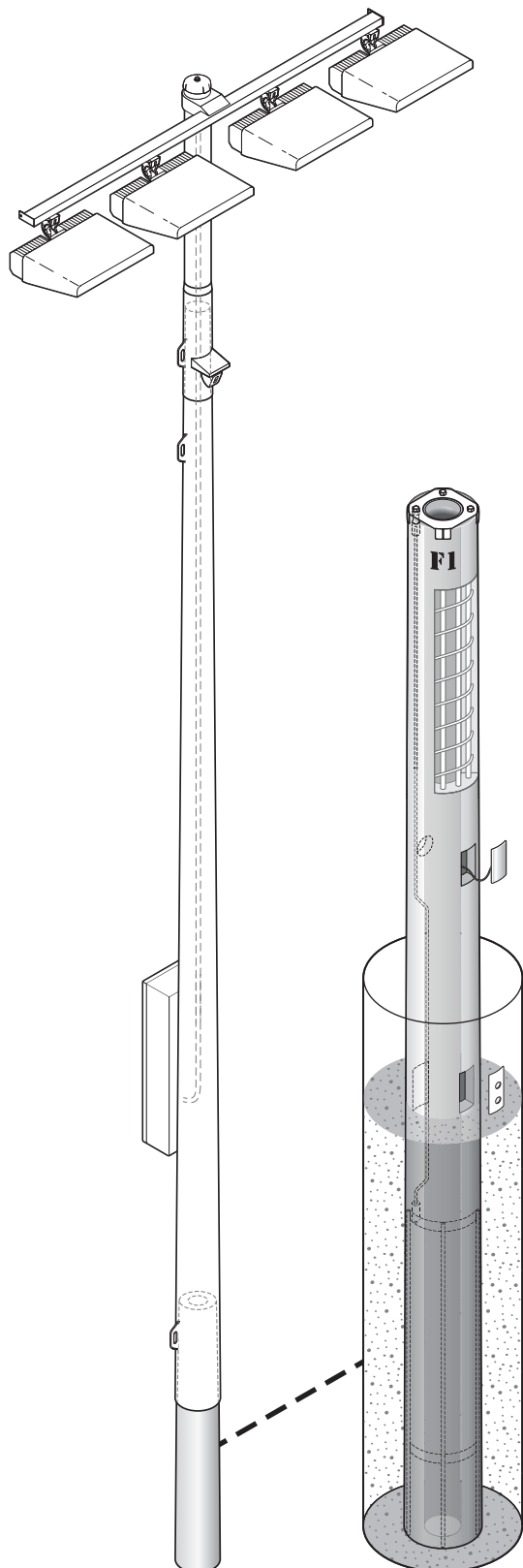
Fast, trouble-free installation

Comprehensive corrosion package

Integrated lightning ground



TLC for LED® – Precast Concrete Base



Overview

The precast concrete base is set directly into the ground and backfilled with concrete. The base includes an integrated lightning ground system.

Features

Base

- Set pole on base in 24 hours
- Tapered upper section for slip-fit steel pole
- Access holes for wire entry
- Epoxy-coated ends prevent water intrusion
- Lifting hole accepts load-rated steel rod provided by Musco

Integrated Lightning Ground System

- Complies with NFPA 780, UL 96A, and EN 62305 standards when installed per Musco installation instructions
- UL Listed, Class II Lightning Protection, file number E337467
- Tested up to 100 kA by independent laboratory
- Steel pole interfaces with integrated grounding system by means of the pole grounding connector
- 2/0 AWG (crosssectional area of 67.4 mm²) grounding electrode conductor
- Concrete-encased grounding electrode, 20 feet (6.1 m) total length, ½ inch (12.7 mm) diameter

Technical Specifications

Base dimensions vary. For measurements refer to project-specific *Foundation and Pole Assembly* drawing.

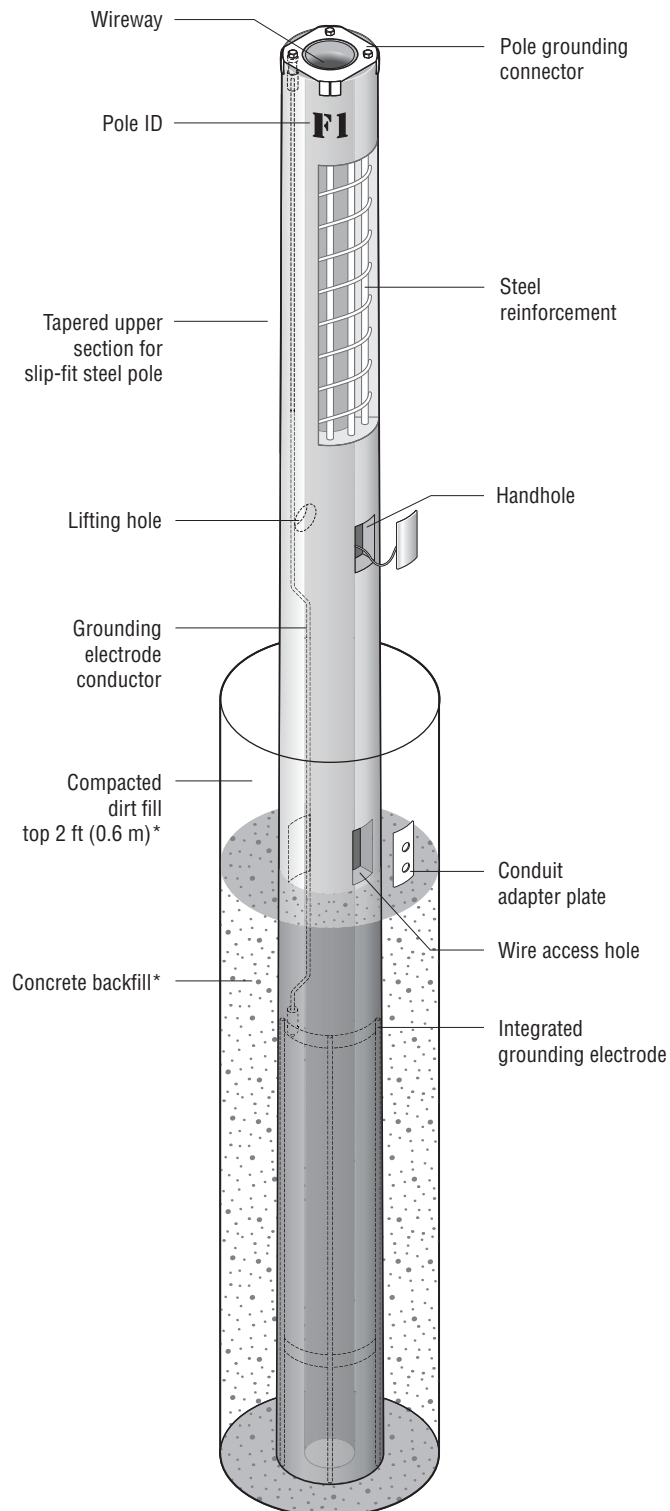
Construction

- Spun concrete construction
- Prestressed steel vertical strands and coil spiral for strength throughout base
- Minimum design strength is 9500 lb/in² (65.5 MPa) at 28 days
- Meets ASTM C1804 design requirements

Quality Assurance Tests

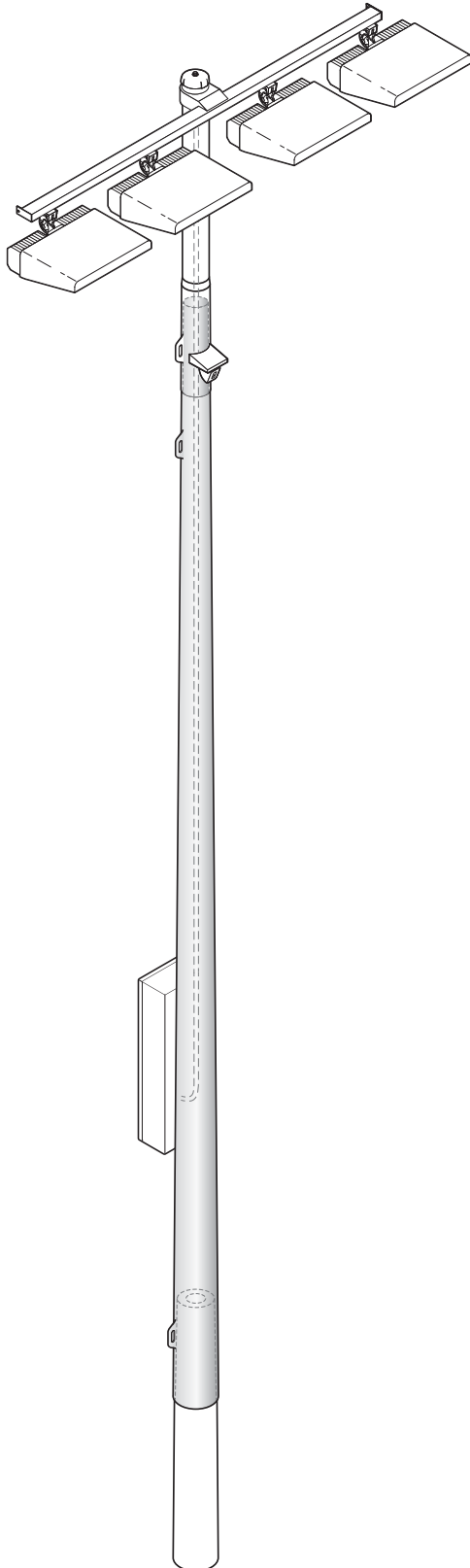
- 28-day compressive strength
- Bending moment capacity
- Grounding system continuity

TLC for LED® – Precast Concrete Base



*Standard pier foundation shown. Foundation and/or backfill may vary per alternate foundation design.

TLC for LED® – Galvanized Steel Pole



Overview

The galvanized steel pole is designed to slip-fit together with the precast concrete base and the poletop luminaire assembly.

Features

- Slip-fit connection allows pole assembly with come-alongs
- Built-in hardware for attaching electrical components enclosure
- Wire access from inside the pole (no exposed wiring or conduit)
- Shipped in sections for easier handling
- Labeled with pole identification for location on field

Technical Specifications

Pole dimensions vary. For measurements refer to project specific pole configuration drawing.

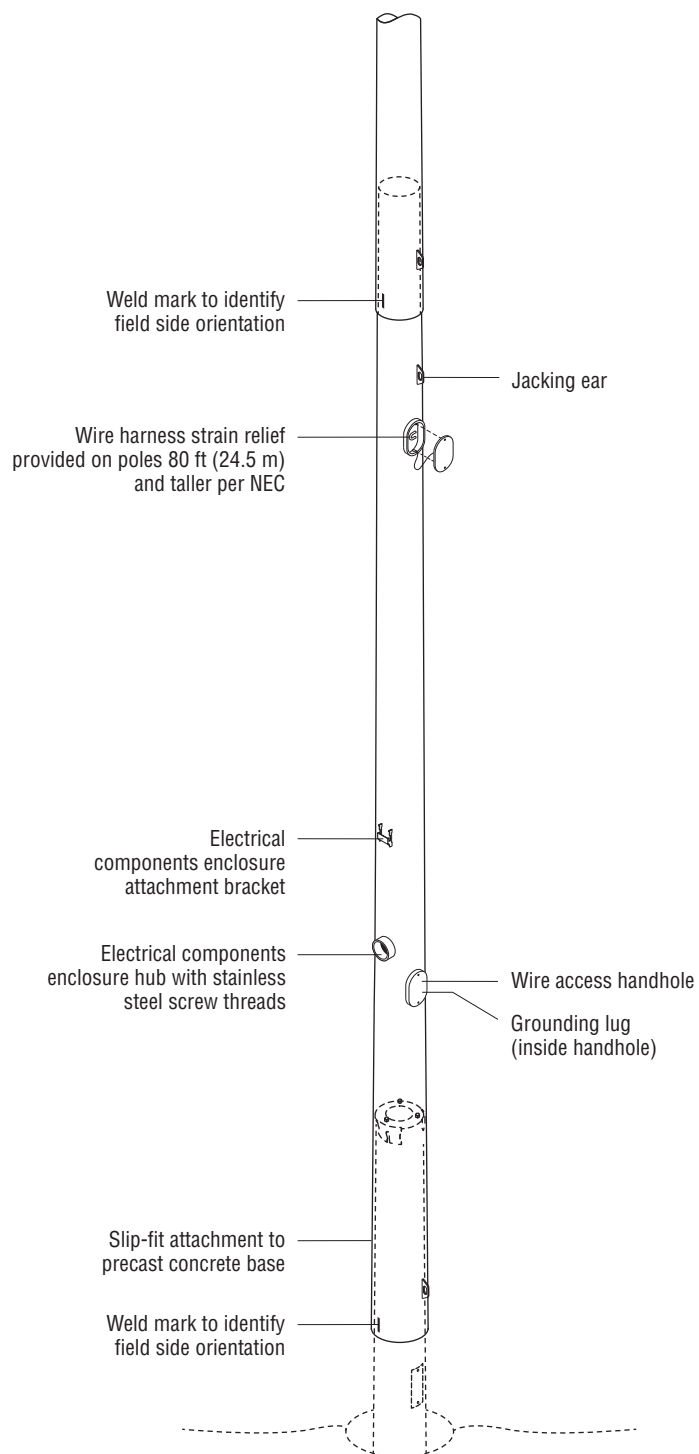
Construction

- Pole designs comply with all major building codes
- High strength, low alloy, tapered, round steel pole
- Hot-dip galvanizing inside and outside after fabrication meets ASTM-A123 and EN 1461 standards
- Conforms to AASHTO stress standards and BS EN 40-3-1
- Grounding lug—rated for aluminum (AL) or copper (CU) wiring
- Pole shipped in sections
- Stainless steel fasteners passivated and coated
- Material certifications are available

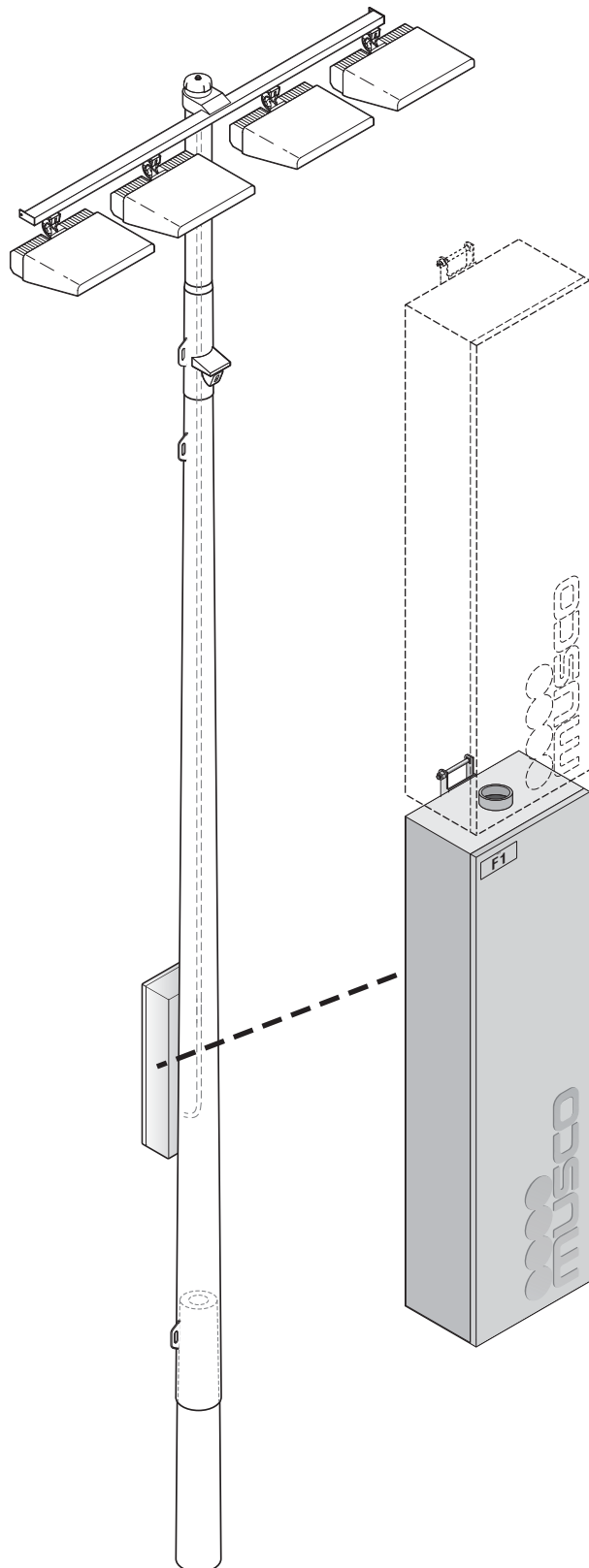
Quality Assurance Tests

- Bending stress
- Minimum galvanizing thickness
- Straightness measurement

TLC for LED® – Galvanized Steel Pole



TLC for LED® – Electrical Components Enclosure



Overview

The electrical components enclosure contains all necessary equipment to operate luminaires. Built-in mounting hardware allows for easy attachment to the galvanized steel pole. Quick connect plugs fasten to the wire harness.

Features

- Factory-built and tested as a unit
- Quick connect plug for easy field wiring
- Mounted 10 ft (3 m) above grade for servicing with ladder
- Labeled with pole identification and electrical information
- Drivers individually fused and spare fuses supplied
- Wire access from inside the pole (no exposed wiring or conduit)
- Disconnect per circuit

Technical Specifications

For amperage draws and circuitry refer to project specific document.

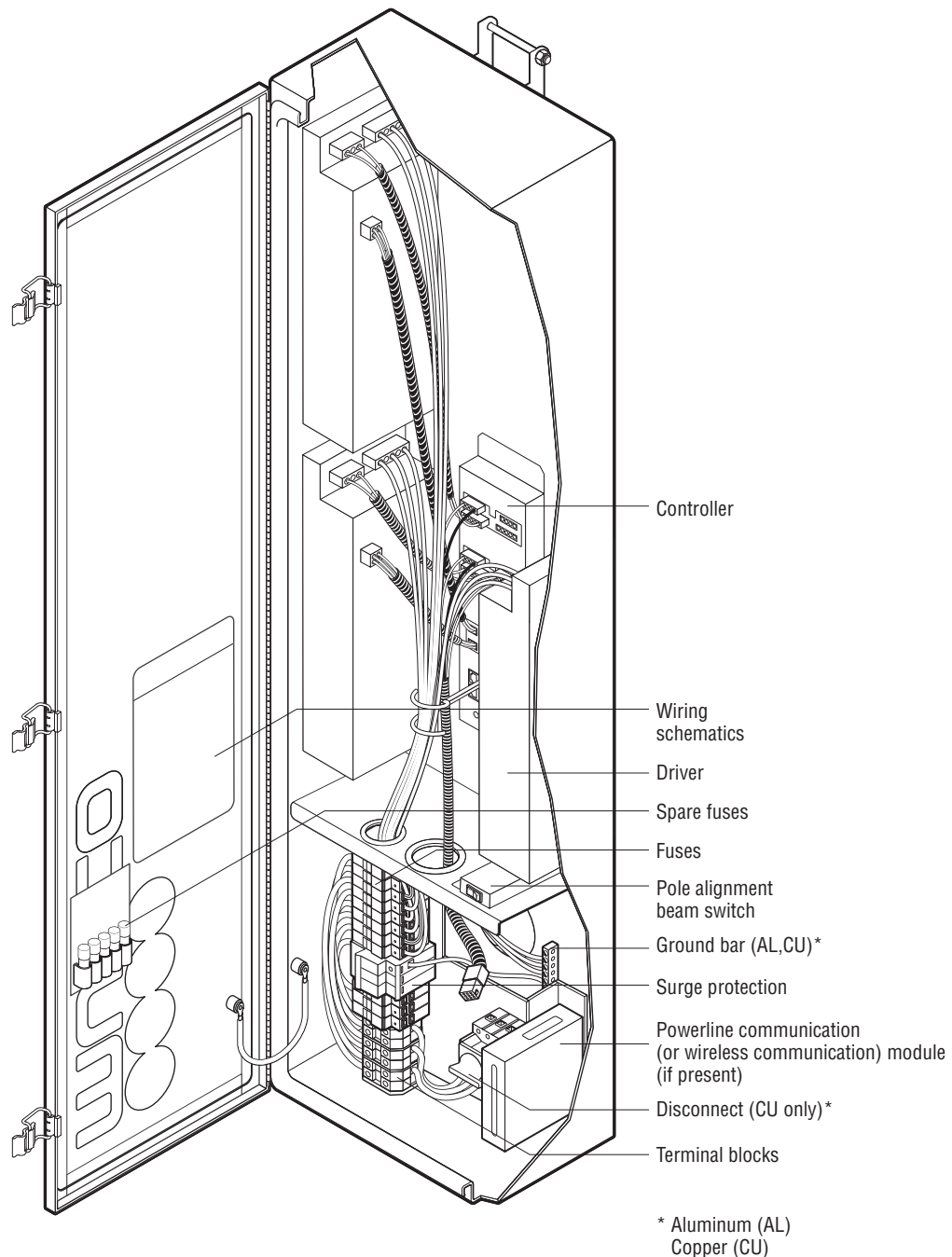
Construction

- 0.08 inch (2 mm) thick, powder-coated aluminum
- Enclosure ratings: NEMA 3R, IP54
- Designed to operate in up to 50° C (122° F) ambient temperature
- Full length stainless steel hinge
- All stainless steel fasteners passivated and coated
- Meets touchsafe standards
- Up to four drivers per enclosure
- Approximate weight 65 lb (29 kg)
- Lower enclosure size 14.25 in (362 mm) wide x 8 in (203 mm) deep x 52.5 in (1334 mm) high
- Upper enclosure size 14.25 in (362 mm) wide x 8 in (203 mm) deep x 40.5 in (1029 mm) high

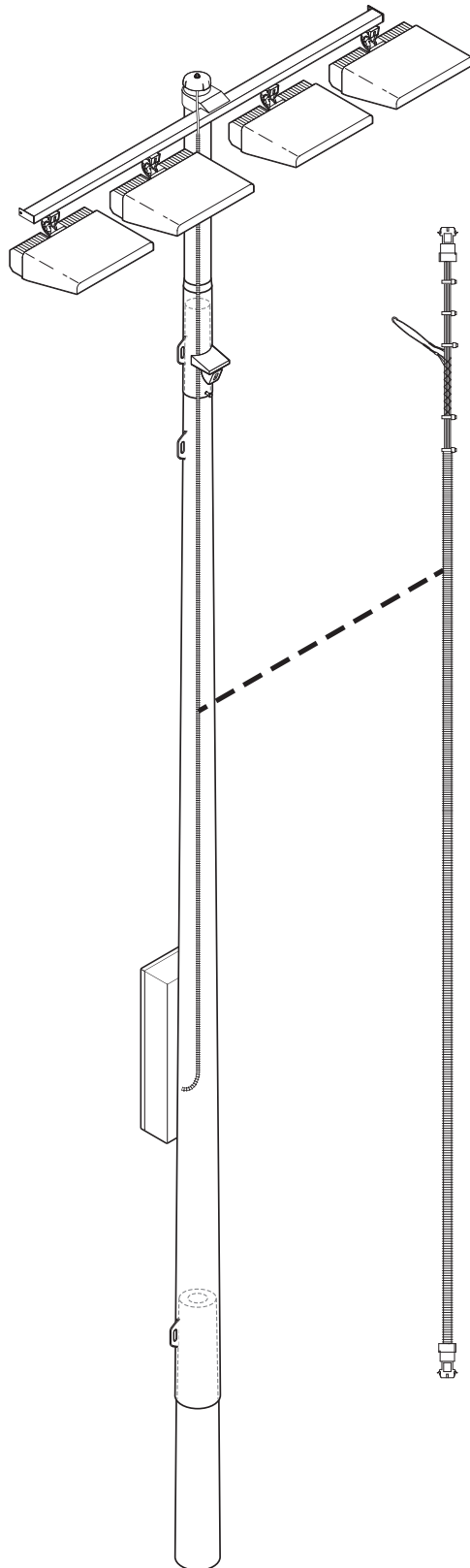
Quality Assurance Tests

- Grounding continuity
- High potential dielectric withstand
- Full functionality test

TLC for LED® – Electrical Components Enclosure



TLC for LED® – Wire Harness



Overview

The factory-built wire harness connects the electrical components enclosure to the poletop luminaire assembly.

Features

- Quick connect plugs for easy field wiring
- Factory-assembled support grip alleviates strain on connections
- Spiral wound cable eliminates slippage
- Protective sleeve prevents wire damage
- All internal wiring, no exposed wires
- Labels identify pole and luminaires

Technical Specifications

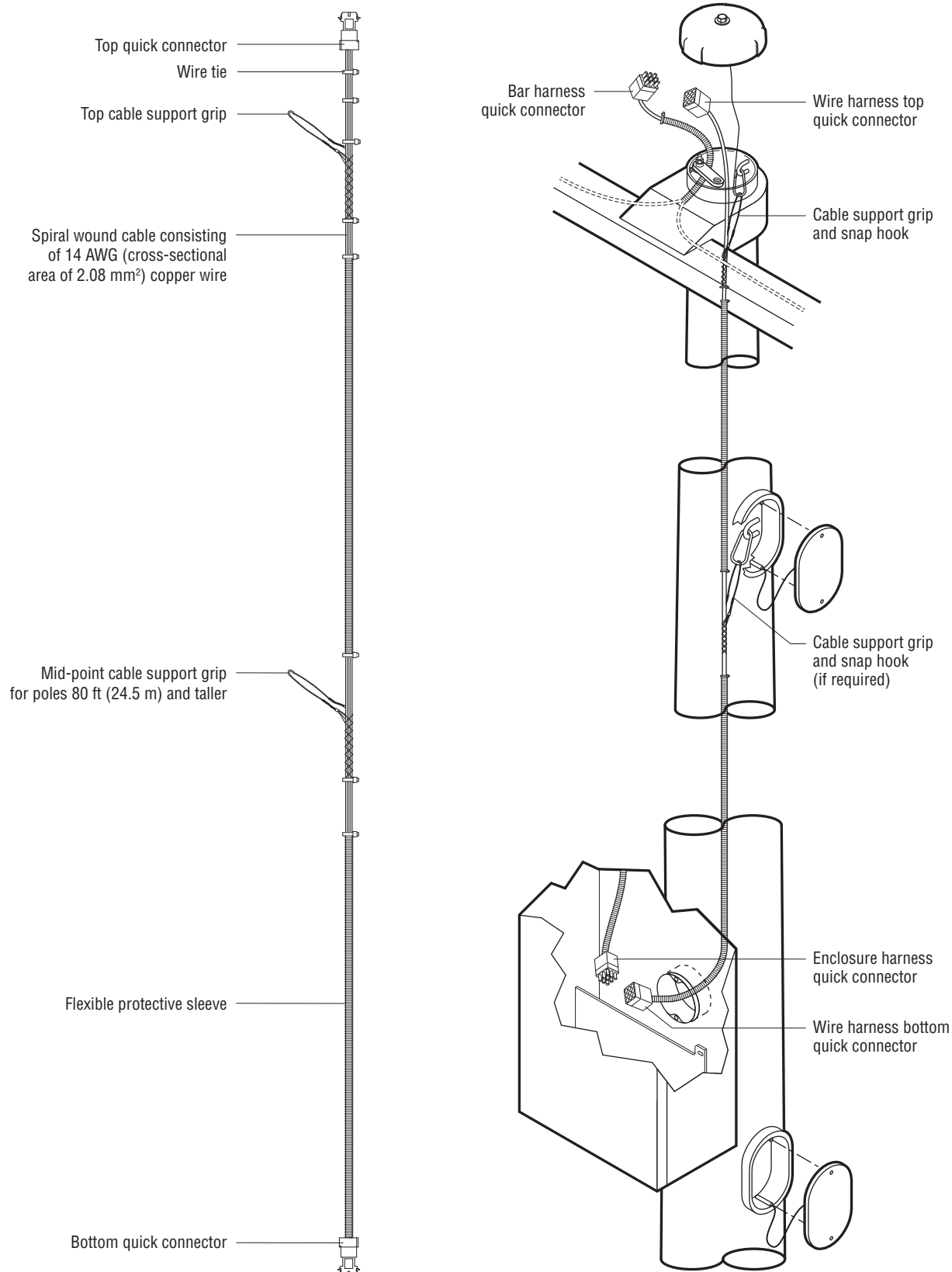
Construction

- Spiral wound, wrapped cable, 14 AWG (cross-sectional area of 2.08 mm²) copper wire
- Integral cable support grip
- Two wires per driver
- Each harness supports up to four drivers
- Multiple top connectors may be present if required for number of luminaires

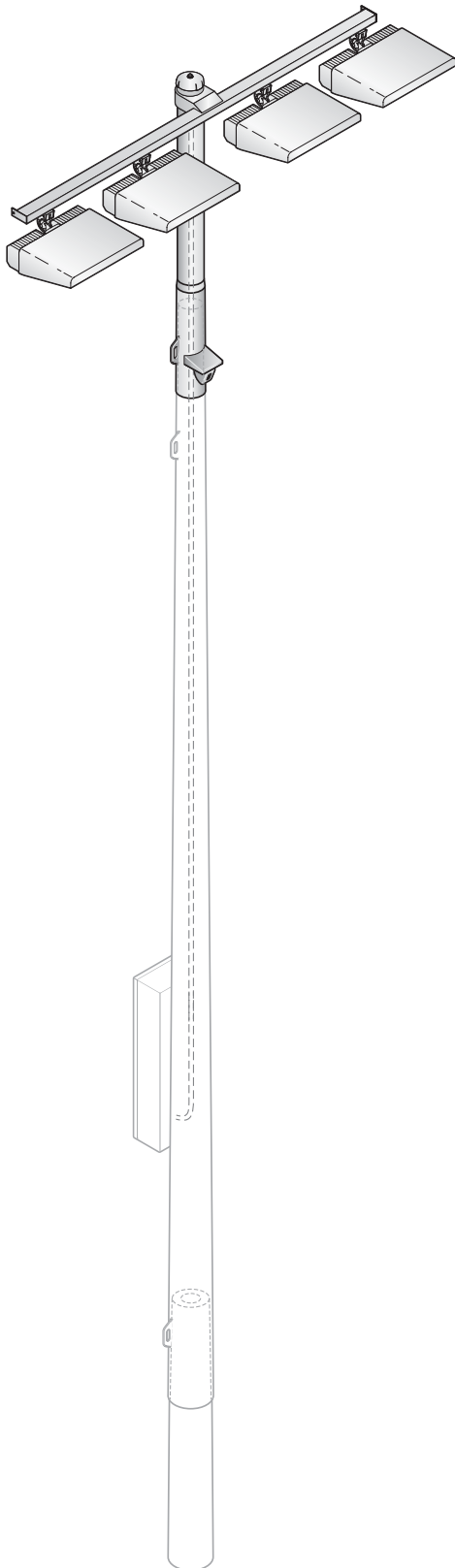
Quality Assurance Tests

- Connector/load resistance
- High potential dielectric withstand
- Grounding continuity
- Termination crimp

TLC for LED® – Wire Harness



TLC for LED® – Poletop Luminaire Assembly, Weld On



Overview

The factory-aimed poletop luminaire assembly is the upper section of the pole and slip-fits together with the galvanized steel pole.

Features

- Each luminaire is factory-built, tested, and ships as a unit
- Luminaires are factory-aimed to two-tenths degree of accuracy
- Luminaire mounts and connects in a single step
- Slip-fit connection allows assembly with come-alongs
- All luminaires are factory-wired to a quick connect harness for easy installation
- Labels identify pole and luminaire location
- No exposed wiring or conduit
- Factory-set pole alignment beam allows easy field alignment

Technical Specifications

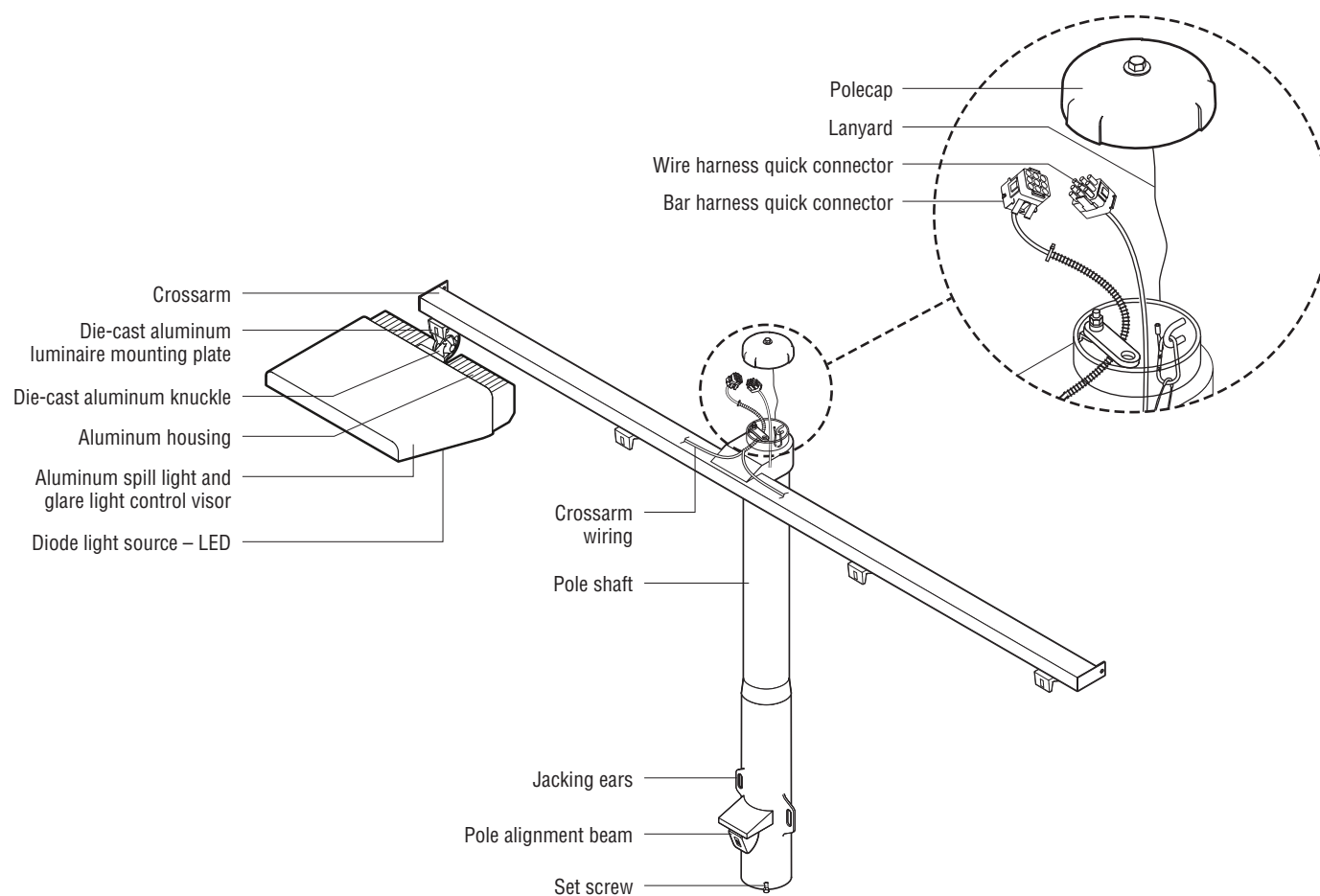
Construction

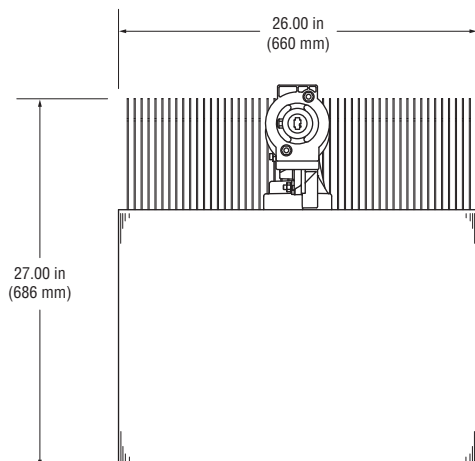
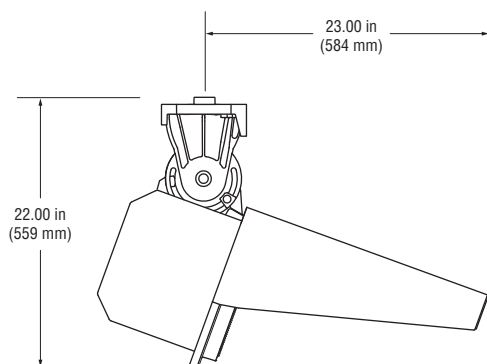
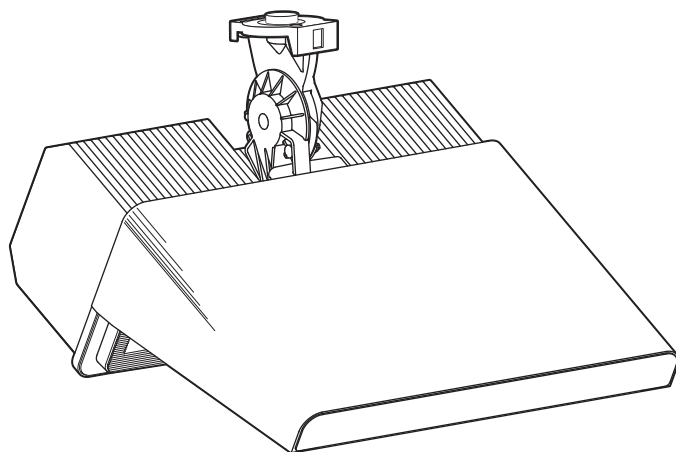
- Crossarms and pole shaft hot-dip galvanizing inside and outside after fabrication meets ASTM-A123 and EN 1461 standards
- All aluminum components are powder-coated or anodized to mil-A-8625F and BS 5599
- Luminaire and knuckle are powder-coated die-cast aluminum
- All stainless steel fasteners are passivated and coated
- Crossarms are constructed of rectangular steel tubing
- Polecap is attached with stainless steel lanyard and securing bolt

Quality Assurance Tests

- Galvanizing thickness
- High potential dielectric withstand
- Electrical continuity

TLC for LED® – Poletop Luminaire Assembly, Weld On





Luminaire Data

Weight (luminaire)	67 lb (30 kg)
UL listing number	E338094
UL listed for USA / Canada	UL1598 CSA-C22.2 No.250.0
CE Declaration	LVD, EMC, RoHS
Ingress protection, luminaire	IP65
Material and finish	Aluminum, powder-coat painted
Wind speed rating (aiming only)	150 mi/h (67 m/s)
UL, IEC ambient temperature rating, luminaire	50°C (122°F)

Photometric Characteristics

Projected lumen maintenance per IES TM-21-11

L90 (20k)	>120,000 h
L80 (20k)	>120,000 h
L70 (20k)	>120,000 h
Lumens ¹	160,000
CIE correlated color temperature	5700 K
Color rendering index (CRI)	75 typ, 70 min

Footnotes:

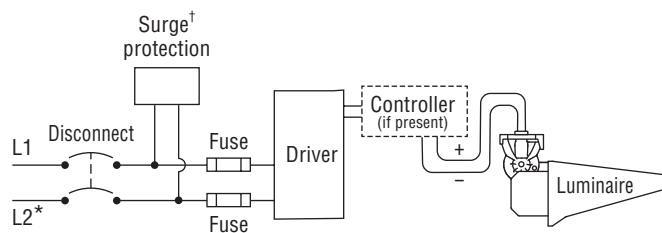
1) Incorporates appropriate dirt depreciation factor for life of luminaire.

Driver Data

Typical Wiring

Electrical Data

Rated wattage ¹	
Per driver	1430 W
Per luminaire	1430 W
Number of luminaires per driver	1
Starting (inrush) current	<40 A, 256 μ s
Fuse rating	15 A
UL, IEC ambient temperature rating, electrical components enclosure	50°C (122°F)
Ingress protection, electrical components enclosure	IP54
Efficiency	95%
Dimming mode	optional
Range, energy consumption	12 – 100%
Range, light output	17 – 100%



* If L2 (com) is neutral then not switched or fused.

† Not present if indoor installation.

	200 Vac 50/60 Hz	208 Vac 60 Hz	220 Vac 50/60 Hz	230 Vac 50 Hz	240 Vac 50/60 Hz	277 Vac 60 Hz	347 Vac 60 Hz	380 Vac 50/60 Hz	400 Vac 50 Hz	415 Vac 50 Hz	480 Vac 60 Hz
Max operating current per luminaire ²	8.86 A	8.52 A	8.06 A	7.71 A	7.39 A	6.40 A	5.11 A	4.67 A	4.43 A	4.27 A	3.70 A

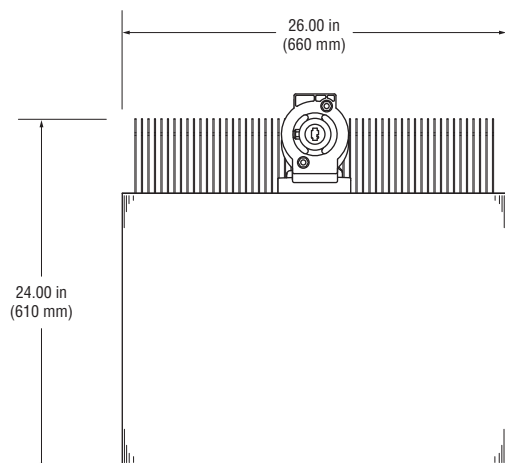
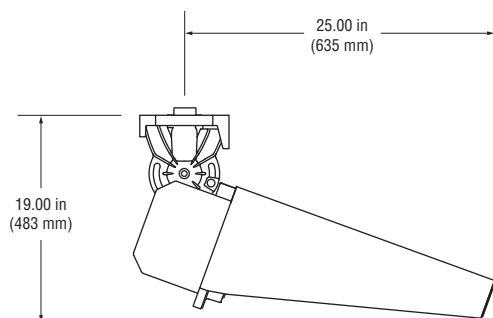
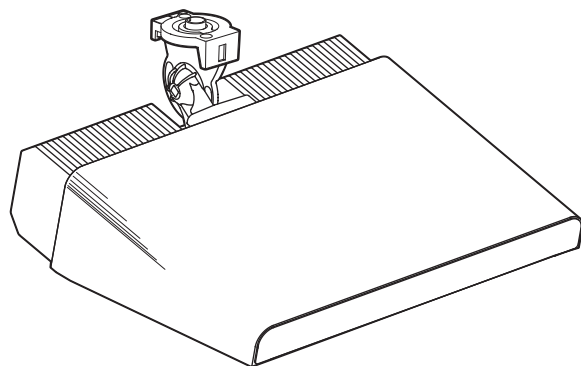
Footnotes:

- 1) Rated wattage is the power consumption, including driver efficiency losses, at stabilized operation in 25°C ambient temperature environment.
- 2) Operating current includes allowance for 0.90 minimum power factor, operating temperature, and LED light source manufacturing tolerances.

Notes

1. Use thermal magnetic HID-rated or D-curve circuit breakers.
2. See *Musco Control System Summary* for circuit information.





Luminaire Data

Weight (luminaire)	45 lb (20 kg)
UL listing number	E338094
UL listed for USA / Canada	UL1598 CSA-C22.2 No.250.0
CE Declaration	LVD, EMC, RoHS
Ingress protection, luminaire	IP65
Material and finish	Aluminum, powder-coat painted
Wind speed rating (aiming only)	150 mi/h (67 m/s)
UL, IEC ambient temperature rating, luminaire	50°C (122°F)

Photometric Characteristics

Projected lumen maintenance per IES TM-21-11

L90 (20k)	>120,000 h
L80 (20k)	>120,000 h
L70 (20k)	>120,000 h
Lumens ¹	136,000
CIE correlated color temperature	5700 K
Color rendering index (CRI)	75 typ, 70 min

Footnotes:

1) Incorporates appropriate dirt depreciation factor for life of luminaire.

Driver Data

Electrical Data

Rated wattage ¹	
Per driver	1170 W
Per luminaire	1170 W
Number of luminaires per driver	1
Starting (inrush) current	<40 A, 256 μ s
Fuse rating	15 A
UL, IEC ambient temperature rating, electrical components enclosure	50°C (122°F)
Ingress protection, electrical components enclosure	IP54
Efficiency	95%
Dimming mode	optional
Range, energy consumption	14 – 100%
Range, light output	19 – 100%

	200 Vac 50/60 Hz	208 Vac 60 Hz	220 Vac 50/60 Hz	230 Vac 50 Hz	240 Vac 50/60 Hz	277 Vac 60 Hz	347 Vac 60 Hz	380 Vac 50/60 Hz	400 Vac 50 Hz	415 Vac 50 Hz	480 Vac 60 Hz
Max operating current per luminaire ²	7.26 A	6.98 A	6.60 A	6.31 A	6.05 A	5.24 A	4.18 A	3.82 A	3.63 A	3.50 A	3.03 A

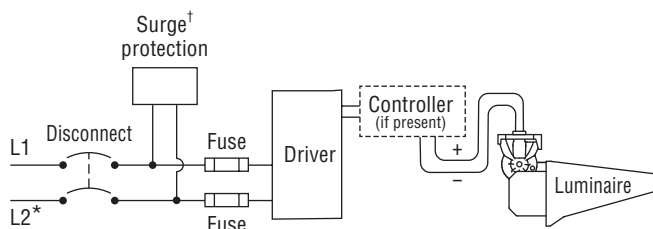
Footnotes:

- 1) Rated wattage is the power consumption, including driver efficiency losses, at stabilized operation in 25°C ambient temperature environment.
- 2) Operating current includes allowance for 0.90 minimum power factor, operating temperature, and LED light source manufacturing tolerances.

Notes

1. Use thermal magnetic HID-rated or D-curve circuit breakers.
2. See *Musco Control System Summary* for circuit information.

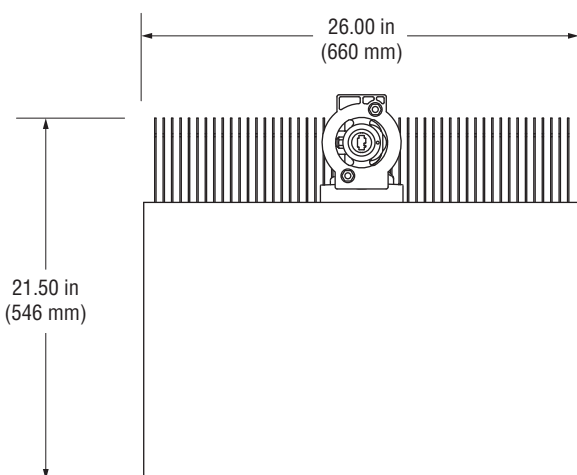
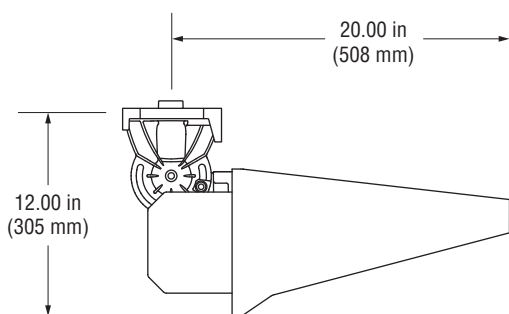
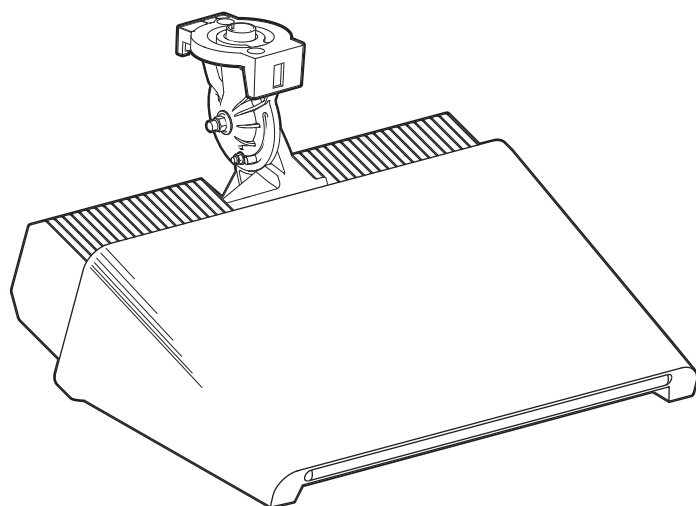
Typical Wiring



* If L2 (com) is neutral then not switched or fused.

† Not present if indoor installation.





Luminaire Data

Weight (luminaire)	40 lb (18 kg)
UL listing number	E338094
UL listed for USA / Canada	UL1598 CSA-C22.2 No.250.0
CE Declaration	LVD, EMC, RoHS
Ingress protection, luminaire	IP65
Material and finish	Aluminum, powder-coat painted
Wind speed rating (aiming only)	150 mi/h (67 m/s)
UL, IEC ambient temperature rating, luminaire	50°C (122°F)

Photometric Characteristics

Projected lumen maintenance per IES TM-21-11

L90 (20k)	>120,000 h
L80 (20k)	>120,000 h
L70 (20k)	>120,000 h
Lumens ¹	89,600
CIE correlated color temperature	5700 K
Color rendering index (CRI)	75 typ, 70 min

Footnotes:

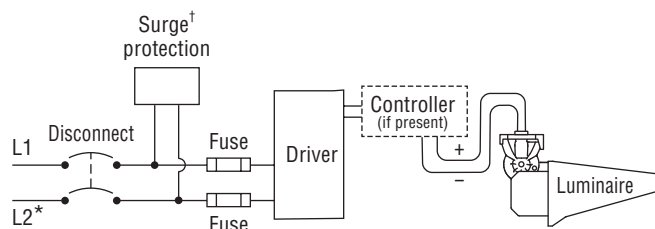
1) Incorporates appropriate dirt depreciation factor for life of luminaire.

Driver Data

Typical Wiring

Electrical Data

Rated wattage ¹	
Per driver	890 W
Per luminaire	890 W
Number of luminaires per driver	1
Starting (inrush) current	<40 A, 256 μ s
Fuse rating	15 A
UL, IEC ambient temperature rating, electrical components enclosure	50°C (122°F)
Ingress protection, electrical components enclosure	IP54
Efficiency	95%
Dimming mode	optional
Range, energy consumption	25 – 100%
Range, light output	30 – 100%



* If L2 (com) is neutral then not switched or fused.

† Not present if indoor installation.

	200 Vac 50/60 Hz	208 Vac 60 Hz	220 Vac 50/60 Hz	230 Vac 50 Hz	240 Vac 50/60 Hz	277 Vac 60 Hz	347 Vac 60 Hz	380 Vac 50/60 Hz	400 Vac 50 Hz	415 Vac 50 Hz	480 Vac 60 Hz
Max operating current per luminaire ²	5.50 A	5.29 A	5.00 A	4.78 A	4.58 A	3.97 A	3.17 A	2.90 A	2.75 A	2.65 A	2.29 A

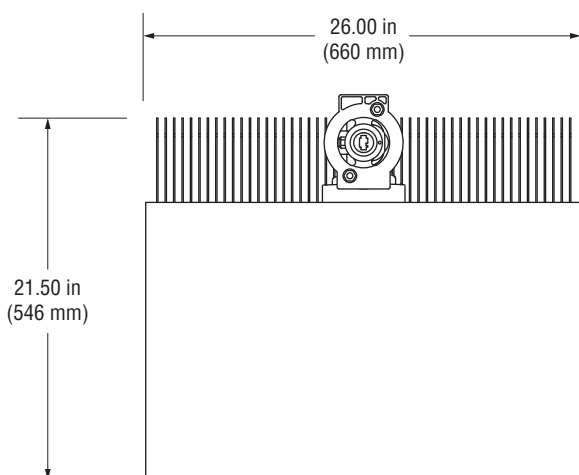
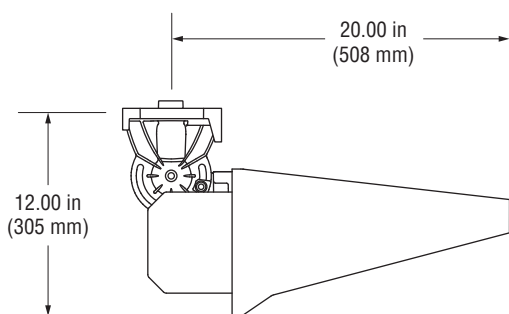
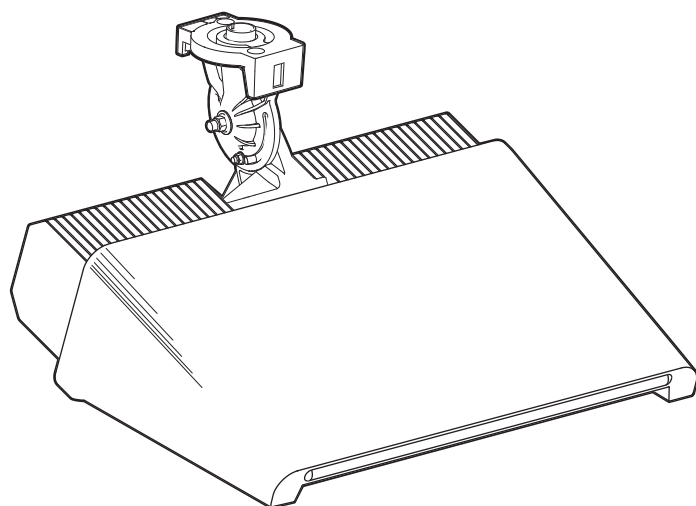
Footnotes:

- 1) Rated wattage is the power consumption, including driver efficiency losses, at stabilized operation in 25°C ambient temperature environment.
- 2) Operating current includes allowance for 0.90 minimum power factor, operating temperature, and LED light source manufacturing tolerances.

Notes

1. Use thermal magnetic HID-rated or D-curve circuit breakers.
2. See *Musco Control System Summary* for circuit information.





Luminaire Data

Weight (luminaire)	40 lb (18 kg)
UL listing number	E338094
UL listed for USA / Canada	UL1598 CSA-C22.2 No.250.0
CE Declaration	LVD, EMC, RoHS
Ingress protection, luminaire	IP65
Material and finish	Aluminum, powder-coat painted
Wind speed rating (aiming only)	150 mi/h (67 m/s)
UL, IEC ambient temperature rating, luminaire	50°C (122°F)

Photometric Characteristics

Projected lumen maintenance per IES TM-21-11

L90 (20k)	>120,000 h
L80 (20k)	>120,000 h
L70 (20k)	>120,000 h
Lumens ¹	65,600
CIE correlated color temperature	5700 K
Color rendering index (CRI)	75 typ, 70 min

Footnotes:

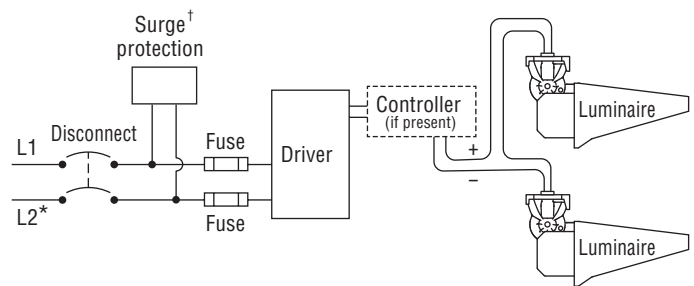
1) Incorporates appropriate dirt depreciation factor for life of luminaire.

Driver Data

Typical Wiring

Electrical Data

Rated wattage ¹	
Per driver	1160 W
Per luminaire	580 W
Number of luminaires per driver	2
Starting (inrush) current	<40 A, 256 μ s
Fuse rating	15 A
UL, IEC ambient temperature rating, electrical components enclosure	50°C (122°F)
Ingress protection, electrical components enclosure	IP54
Efficiency	95%
Dimming mode	optional
Range, energy consumption	20 – 100%
Range, light output	25 – 100%



* If L2 (com) is neutral then not switched or fused.

† Not present if indoor installation.

	200 Vac 50/60 Hz	208 Vac 60 Hz	220 Vac 50/60 Hz	230 Vac 50 Hz	240 Vac 50/60 Hz	277 Vac 60 Hz	347 Vac 60 Hz	380 Vac 50/60 Hz	400 Vac 50 Hz	415 Vac 50 Hz	480 Vac 60 Hz
Max operating current per luminaire ²	3.54 A	3.40 A	3.22 A	3.08 A	2.95 A	2.56 A	2.04 A	1.86 A	1.77 A	1.71 A	1.48 A

Footnotes:

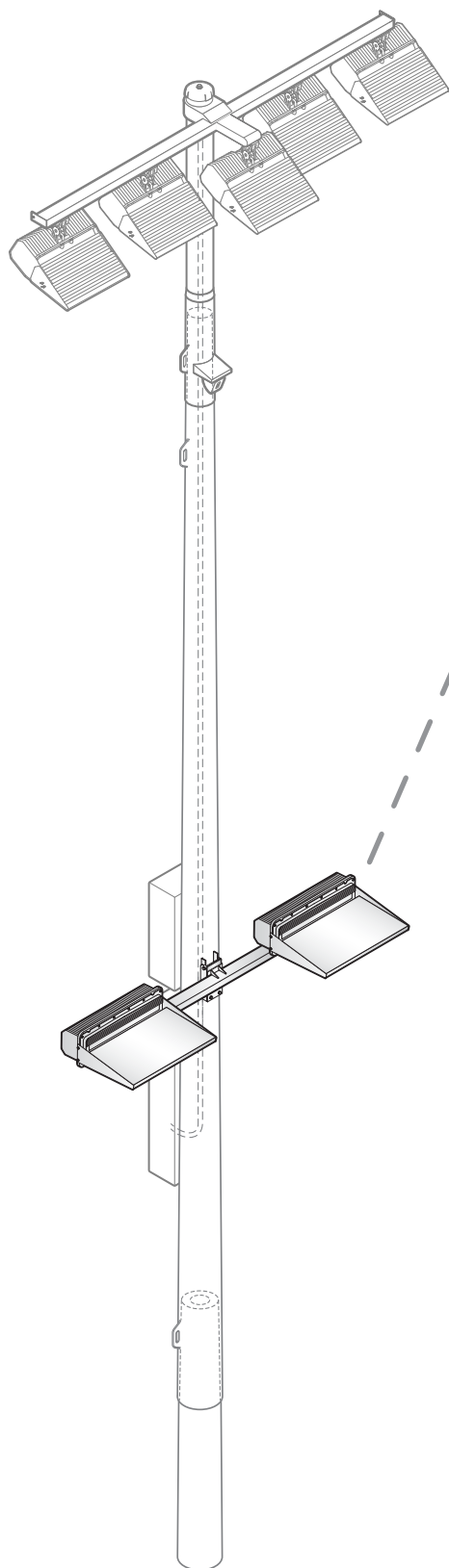
- 1) Rated wattage is the power consumption, including driver efficiency losses, at stabilized operation in 25°C ambient temperature environment.
- 2) Operating current includes allowance for 0.90 minimum power factor, operating temperature, and LED light source manufacturing tolerances.

Notes

1. Use thermal magnetic HID-rated or D-curve circuit breakers.
2. See *Musco Control System Summary* for circuit information.



Luminaire and Driver Components – TLC-BT-575



Luminaire Data

Weight (luminaire)	34 lb (15 kg)
UL listing number	E338094
UL Listed for USA / Canada	UL1598 CSA-C22.2 No.250.0
Ingress protection, luminaire	IP65
Material and finish	Aluminum, powder-coat painted
Wind speed rating (aiming only)	150 mi/h (67 m/s)
UL, IEC ambient temperature rating, luminaire	50°C (122°F)

Photometric Characteristics

Projected lumen maintenance per IES TM-21-11	
L90 (13.5k)	>81,000 h
L80 (13.5k)	>81,000 h
L70 (13.5k)	>81,000 h
CIE correlated color temperature	5700 K
Color rendering index (CRI)	75 typ, 70 min
Lumens¹	52,000

Footnotes:

1) Incorporates appropriate dirt depreciation factor for life of luminaire.

All components from foundation to poletop are designed to work together in Light-Structure System™ to ensure reliable, trouble-free operation.

Luminaire and Driver Components – TLC-BT-575

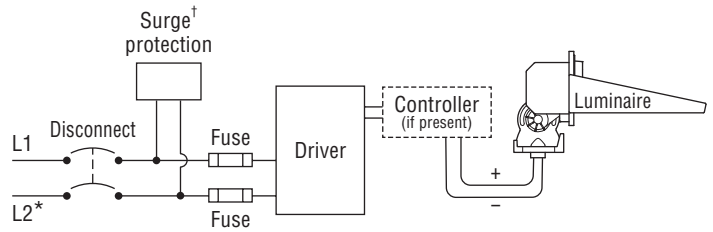
Driver Data

Typical Wiring

Electrical Data

Rated wattage¹

Per driver	575 W
Per luminaire	575 W
Number of luminaires per driver	1
Starting (inrush) current	<40 A, 256 µs
Fuse rating	15 A
UL, IEC ambient temperature rating, electrical components enclosure	50°C (122°F)
Ingress protection, electrical components enclosure	IP54
Efficiency	95%



* If L2 (com) is neutral then not switched or fused.

† Not present if indoor installation.

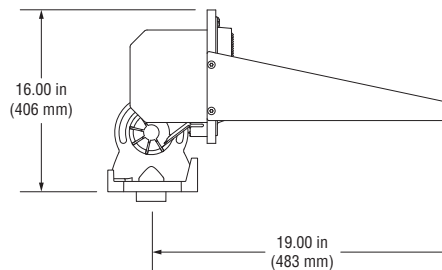
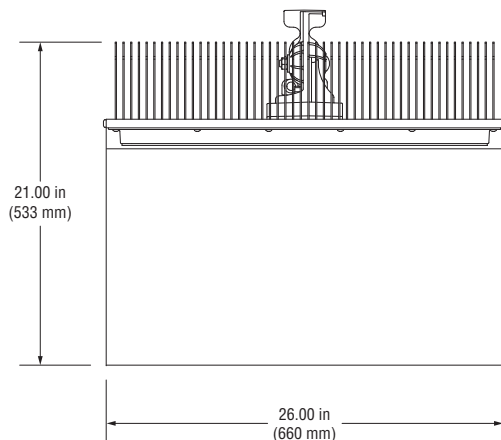
	200 Vac 50/60 Hz	208 Vac 60 Hz	220 Vac 50/60 Hz	230 Vac 50 Hz	240 Vac 50/60 Hz	277 Vac 60 Hz	347 Vac 60 Hz	380 Vac 50/60 Hz	400 Vac 50 Hz	415 Vac 50 Hz	480 Vac 60 Hz
Max operating current² per luminaire	3.48 A	3.35 A	3.16 A	3.03 A	2.90 A	2.51 A	2.01 A	1.83 A	1.74 A	1.68 A	1.45 A

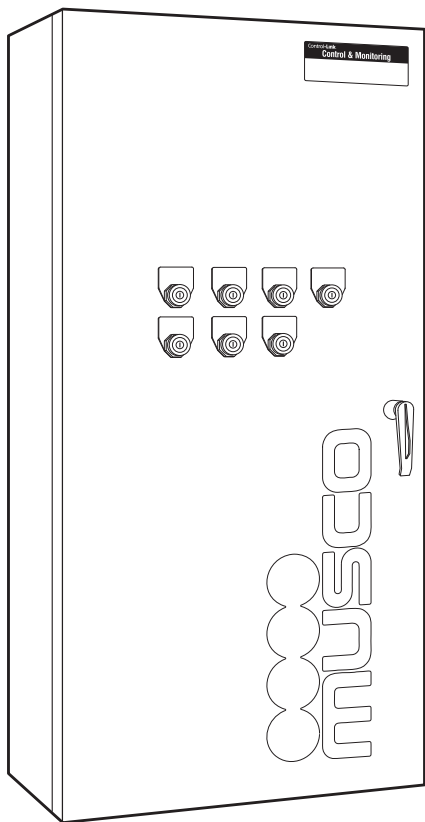
Footnotes:

- 1) Rated wattage is the power consumption, including driver efficiency losses, at stabilized operation in 25°C ambient temperature environment.
- 2) Operating current includes allowance for 0.90 minimum power factor, operating temperature, and LED light source manufacturing tolerances.

Notes

1. Use thermal magnetic HID-rated or D-curve circuit breakers.
2. See Musco *Control System Summary* for circuit information.





Overview

Control-Link® Control and Monitoring System provides remote on/off control, dimming, system monitoring, and management of your lighting system.

Features

Control

- Lighting system and auxiliary equipment
- Control with: Control-Link website, smartphone app, phone call, email, or fax up to 10 years in advance
- Seven controllable lighting zones
- Three customizable dimming levels (factory set at 100%, 50%, 15%)
- Multi-level user security settings
- Door-mounted or remote-mounted on/off/auto switches allow for manual override of automated control

Monitoring

- Detects luminaire outages and other issues that affect light quality

Management and Support

- Control-Link Central™ service center provides support 24 hours a day, 7 days a week for scheduling, monitoring, and reporting
- Luminaire outage notification within the next business day
- Customized usage reports through website

Technical Specifications

Control and Monitoring Cabinet Ratings

UL 508A Listed E204954
 CE declaration LVD, EMC, RoHS
 IEC 60439-1 compliant UL test report 05NK26317
 IEC Emissions/Immunity Class A compliant
 Operating temperature -4°F to 140°F (-20°C to 60°C)
 FCC Part 15 Class A compliant
 Weight for 72 inch (1829 mm) cabinet 180 lb (82 kg)
 Weight for 48 inch (1219 mm) cabinet 140 lb (64 kg)
 Short Circuit Current Rating (SCCR)

with 30 A contactors* 18 kA
 with 60 or 100 A contactors* 25 kA

*Minimum circuit breaker interrupt rating must be greater than or equal to SCCR rating listed above.

Construction

Control and Monitoring Cabinet

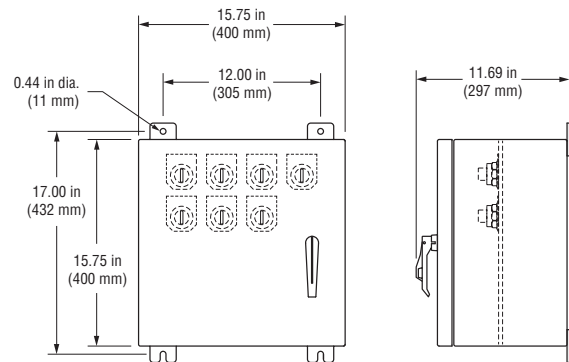
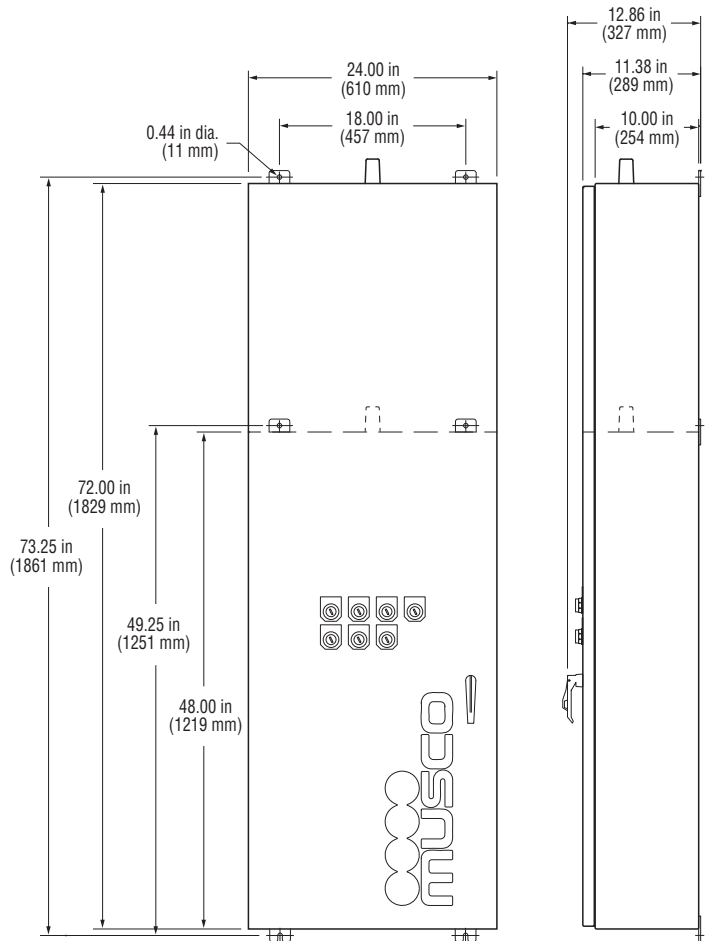
- NEMA type 4 (IP65) cabinet
- Powder-coated aluminum 5052 H32 cabinet and panel
- Lockable, 3-point latch
- Supports lighting system voltage up to 480 V
- Requires 120 V or 230 V phase-to-neutral control voltage
- Protective cover isolates high voltage

On/Off/Auto Manual Switches Cabinet (optional)

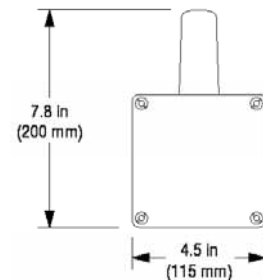
- NEMA type 4 (IP65) cabinet
- Powder-coated aluminum 5052 H32 cabinet and panel
- Lockable door
- Hinged interior panel for switch mounting

Remote Wireless Antenna Cabinet (for wireless communication)

- Cast aluminum with texture gray paint finish
- Omnidirectional antenna
- Operating temperature: -40°C (-40°F) to 85°C to (185°F)
- Frequency: 900 MHz or 2.4 GHz



Manual switches cabinet



Remote wireless antenna cabinet

Internal Details

- Factory wired, programmed, and tested
- Internally fused
- Control power terminal blocks provided
- One control circuit operates entire cabinet
- Plug-in wire harnesses provided to connect multiple cabinets

Control Module

Receives and stores schedules from Control-Link Central™ service center, operates your equipment, and verifies schedules were carried out.

- Executes scheduled on/off or dimming events.
- Stores schedules for up to 7 days
- Reboots automatically and executes current schedule when power is restored, in case of power interruption
- Monitors Musco lighting system and reports issues to keep facilities operating and to help plan routine maintenance. Alerts Control-Link Central service center to schedule appropriate action or maintenance.

Communication Modules

Communication with Control-Link Central is done via an integrated, high speed, cellular connection with no additional monthly charges during the warranty period.

Communication with light poles is done via powerline communication or wireless communication.

- Powerline communication requires a dedicated 20A circuit (lighting circuit distribution panel)
- Wireless communication requires a dedicated antenna to be mounted at least 3 ft above the cellular antenna, and 7 ft total distance away, and line of sight to lighting poles.

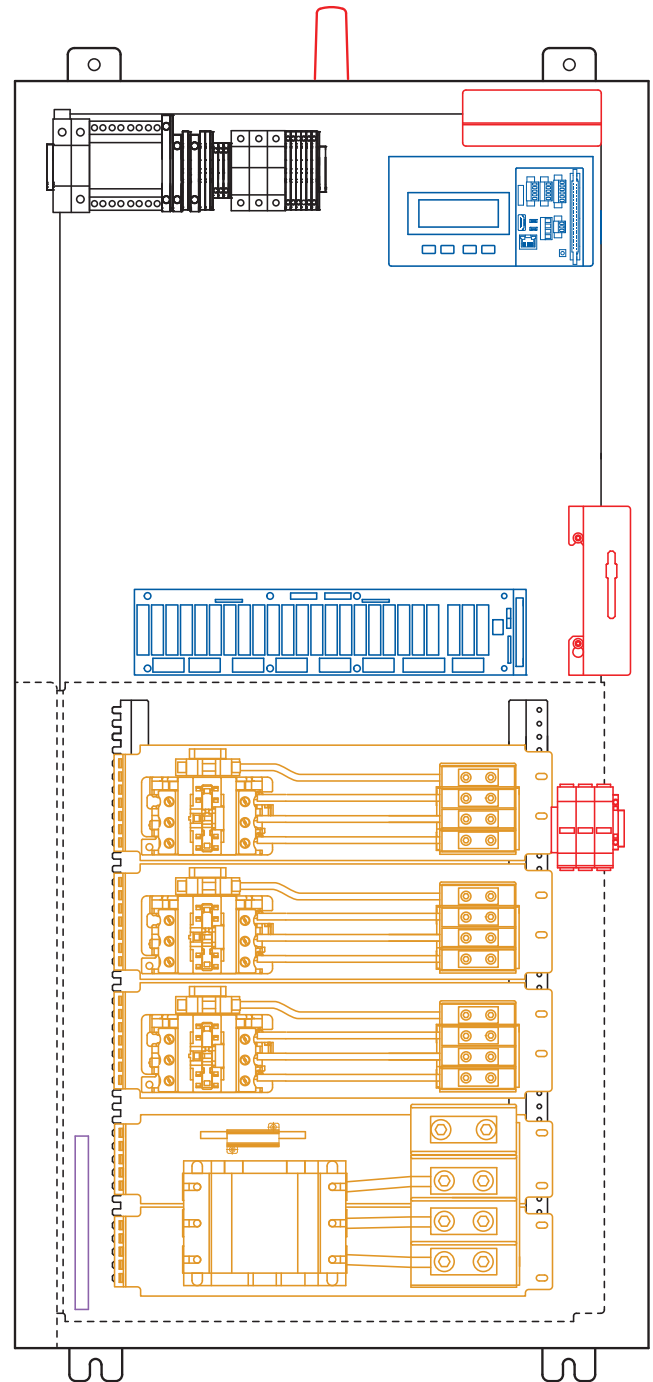
Contactor Modules

Operates equipment based on control module schedules.

- Compliant with IEC 60947-4-1 for continuous operation at 100% of rated current
- Contactors rated for 30, 60, or 100 amps

Ground Bar

Provides integral ground bar for lighting equipment grounding.



Safety: UL Product Certification

UL Product Certification for:

Musco Sports Lighting, LLC
100 1st Ave W
PO Box 808
Oskaloosa, IA 52577
USA



UL Category	Covers	UL Number
High-Intensity Discharge Surface-Mounted Luminaires	- Green Generation™ luminaires and remote ballast assemblies - SportsCluster® and SportsCluster-2® luminaires and remote ballast assemblies - Light-Structure 2™ and Light-Structure System™ luminaires and remote ballast assemblies 1000 W Light-Pak™ and Light-Pak indoor luminaires with Multi-Watt™ control system 1000 W Show-Light™ and Show-Light Green™ luminaires with hooded light actuator system and remote ballast assemblies 2000 W Mirtran™ luminaire - Stadium 2K Fixture™ 2000 W luminaire and Hot Restrike Green™ 2000 W hot restrike luminaire	E33316
Management Equipment, Energy	Lighting control systems for: - Control-Link® control and monitoring system - Control-Link retrofit control system	E139944
Industrial Control Panels	Control panels and enclosures for: - Control-Link® control and monitoring system - Control-Link retrofit control system - Lighting contactor cabinets - Multi-Watt™ control systems	E204954
Emergency Lighting and Power Equipment	Auxiliary Lighting Interface Cabinet (ALIC)	E311491
Luminaire Fittings	Galvanized steel poles 12 ft (3.7 m) or less for: - Poles for Mirtran™ luminaire mounting - Rooftop poles - Special applications	E132445
Luminaire Pole in Excess of 12 ft (3.7 m)	Galvanized steel poles greater than 12 ft (3.7 m) for: - Light-Structure System™ luminaire mounting - Sportspole™ structure or mounting system and special applications	E325078

Safety: UL Product Certification

UL Category	Covers	UL Number
Devices, Scaffolding	Service platforms for: • Light-Structure System™ luminaires and remote ballast assemblies • SportsCluster® System luminaires and remote ballast assemblies	SA7004
Lightning Conductors, Air Terminals, and Fittings	• Light-Structure System™ pole structure concrete base	E337467
Light-Emitting-Diode Surface-Mounted Luminaires	• LED luminaires and driver assemblies • LED auxiliary luminaires	E338094

A copy of the UL Certificate of Compliance is available upon your request.

Manufacturer's Certification of Corrosion Protection for Light-Structure System™ and SportsCluster® Lighting Systems

The following standard corrosion protection is provided on your equipment:

- All exposed components are constructed of corrosion-resistant material and/or coated to protect against corrosion.
- All exposed carbon steel is hot-dip galvanized, meeting ASTM A123 and ISO/EN 1461.
- All exposed aluminum is powder-coated with high-performance polyester or anodized. All exterior reflective inserts are anodized, coated with a clear, high-gloss, durable fluorocarbon, and protected from direct environmental exposure to prevent reflective degradation or corrosion.
- All exposed hardware and fasteners are stainless steel, passivated, and coated with an aluminum based thermosetting epoxy resin for protection against corrosion and stress corrosion cracking. Alternately, for hardware in non-stressed applications, an electroless nickel coating meeting ASTM B733 may be used. Pole strapping used to mount certain equipment to light poles is annealed grade 304 stainless steel and passivated.
- Certain structural fasteners are carbon steel, galvanized meeting ASTM A153 and ISO/EN 1461 (for hot-dip galvanizing), or ASTM B695 (for mechanical galvanizing).

This corrosion protection package only applies to equipment manufactured by Musco.

Musco Sports Lighting, LLC



Greg Kubbe
Director of Product Performance



M. DELIVERY TIMEFRAME



Delivery

Precast Concrete Bases

Delivery 2 weeks from receipt of submittal approval.

Controls & Monitoring Cabinets

Delivery 2 weeks from receipt of submittal approval.

Poles, Fixtures, Crossarms, Electrical Component Enclosures and all other necessary equipment to complete installation

Delivery 4 weeks from receipt of submittal approval.

Musco Lighting will provide the option to the awarded contractor to take pre-shipment of the precast concrete bases and controls & monitoring equipment. By doing so, will allow the contractor to set the precast concrete base and pull all necessary conduit/wire to the appropriate pole locations ahead of setting the pole. This will also limit the need for storage space on site and risk of damaged product.



N. NON COMPLIANCE

Musco Sports Lighting is in compliance with RFP.

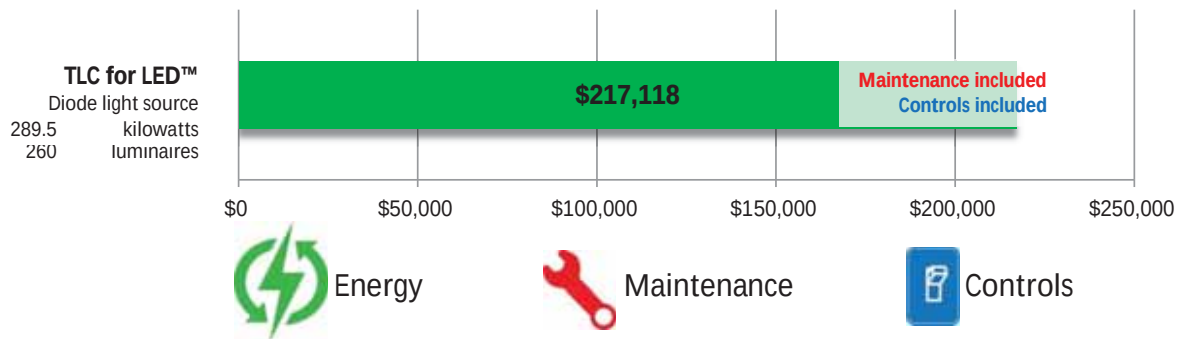


O. COST OF OWNERSHP

25-Year Cost of Ownership - Base Bid

Cornerstone Park Athletic Complex

Baseball
City of Starkville
August 6, 2020



How is this possible? Musco's 40 years of developing systems, light control, and application expertise puts more available lumens per watt on the field. Our services team provides all on/off operation, monitoring, and maintenance.

Assumptions	Baseball
Annual operating hours	300
Energy:	
Energy cost per kilowatt hour	\$0.10
Demand charge per kilowatt hour	\$0.00
Maintenance:	
Group relamp - cost per luminaire	\$266
Spot maintenance over 25 years	\$3,750
Controls:	
Labor - turning lights on & off	\$0.00
Lights on extra time without controls	15%

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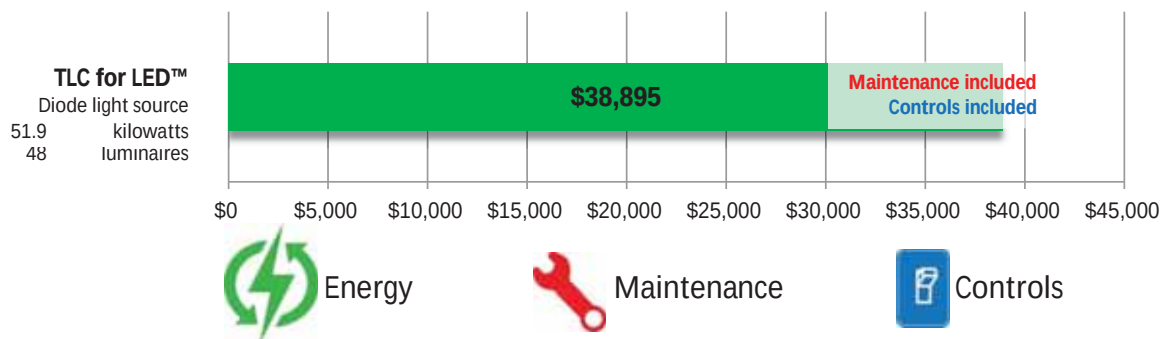


195501

25-Year Cost of Ownership - Alternate #1

Cornerstone Park Athletic Complex

Baseball
City of Starkville
August 6, 2020



How is this possible? Musco's 40 years of developing systems, light control, and application expertise puts more available lumens per watt on the field. Our services team provides all on/off operation, monitoring, and maintenance.

Assumptions	Baseball
Annual operating hours	300
Energy:	
Energy cost per kilowatt hour	\$0.10
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Group relamp - cost per luminaire	\$266
Spot maintenance over 25 years	\$3,750
Controls:	
Labor - turning lights on & off	\$0.00
Lights on extra time without controls	15%

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195501



P. ENVIRONMENTAL LIGHT CONTROL DESIGN

Cornerstone Park Athletic Complex
Starkville, MS

GLARE IMPACT

Summary

Map indicates the maximum candela an observer would see when facing the brightest light source from any direction.

A well-designed lighting system controls light to provide maximum useful on-field illumination with minimal destructive off-site glare.

GLARE

Candela Levels

High Glare: 150,000 or more candela

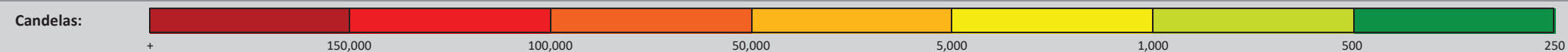
Should only occur on or very near the lit area where the light source is in direct view. Care must be taken to minimize high glare zones.

Significant Glare: 25,000 to 75,000 candela

Equivalent to high beam headlights of a car.

Minimal to No Glare: 500 or less candela

Equivalent to 100W incandescent light bulb.



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SOUTHERN ELECTRIC CORPORATION of MS

4374-A Mangum Drive

P.O. Box 320398

Flowood, MS 39232

Phone: (601)939-2333

Fax: (601)939-2261

Camera Design

MUSCO LIGHTING SUBMITTAL FOR PRODUCTION

PREPARED FOR:

Cornerstone Park Athletic Complex

Lighting Project
Starkville, MS
August 7, 2020

Project #195501



Automated Sports Broadcasting

Submitted by:

Musco Sports Lighting, LLC

Attn: Treavor Ruckles
2107 Stewart Road
Muscatine, Iowa 52761

Toll Free: 800-756-1205
Fax: 800-374-6402





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- F. WARRANTY**
- G. PROJECT REFERENCES**
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- I. DELIVERY TIMEFRAME**
- J. NON COMPLIANCE**



A. LETTER/CHECKLIST

**REQUIRED SUBMITTAL INFORMATION FOR ALL MANUFACTURERS (NOT PRE-APPROVED) 10 DAYS
PRIOR TO BID**

All items listed below are mandatory, shall comply with the specification and be submitted according to pre-bid submittal requirements. Complete the Yes/No column to indicate compliance (Y) or noncompliance (N) for each item. Submit checklist below with submittal.

Yes/ No	Tab	Item	Description
Yes	A	Letter/ Checklist	Listing of all information being submitted must be included on the table of contents. List the name of the manufacturer's local representative and his/her phone number. Signed submittal checklist to be included.
Yes	B	Equipment Layout	Drawing(s) showing field layouts with pole locations
Yes	C	Performance Guarantee	a. Provide performance guarantee including a written commitment to undertake all corrections required to meet the performance requirements noted in these specifications at no expense to the owner.
Yes	D	Structural Calculations	Pole structural calculations and foundation design showing foundation shape, depth backfill requirements, rebar and anchor bolts (if required). Pole base reaction forces shall be shown on the foundation drawing along with soil bearing pressures. Design must be stamped by a structural engineer in the state of MS, if required by owner. (May be supplied upon award).
Yes	E	Control & Monitoring System	Manufacturer of the control and monitoring system shall provide written definition and schematics for automated control system.
Yes	F	Warranty	Provide written warranty information including all terms and conditions. Provide ten (10) references of customers currently under specified warranty in the state of MS.
Yes	G	Project References	Manufacturer to provide a list of 2 projects where the technology and specific camera proposed for this project has been installed in the US. Reference list will include project name, project city, installation date, and if requested, contact name and contact phone number.
Yes	H	Product Information	Complete bill of material and current brochures/cut sheets for all product being provided.
Yes	I	Delivery	Manufacturer shall supply an expected delivery timeframe from receipt of approved submittals and complete order information.
Yes	J	Non- Compliance	Manufacturer shall list all items that do not comply with the specifications. If in full compliance, tab may be omitted.

The information supplied herein shall be used for the purpose of complying with the specifications for . By signing below I agree that all requirements of the specifications have been met and that the manufacturer will be responsible for any future costs incurred to bring their equipment into compliance for all items not meeting specifications and not listed in the Non-Compliance section.

Manufacturer: Musco Sports Lighting, LLC

Signature: 

Contact Name: Brandon Grunder

Date: 08 / 07 / 2020

Contractor: _____

Signature: _____

Corporate: 100 1st Ave West - PO Box 808 - Oskaloosa, IA 52577 - 641/673-0411 - 800/825-6020 - Fax: 641/673-4852
Manufacturing: 2107 Stewart Road - PO Box 260 - Muscatine, IA 52761 - 563/263-2281 - 800/756-1205 - Fax: 800/374-6402
Web: www.musco.com - **Email:** lighting@musco.com



Manufacturer Information:

Proposer Legal Name:	Musco Sports Lighting, LLC
Proposer Address:	100 1st Ave West PO Box 808 Oskaloosa, IA 52577
Proposer website address:	www.musco.com
Proposer's primary contact for this proposal	Brandon Grunder Sales Representative Musco Sports Lighting, LLC 2107 Stewart Road Muscatine, IA 52761 Phone: 563.554.4928 Email: Brandon.grunder@musco.com
Proposer's secondary contact for this proposal	Jim Freie Sales Manager Musco Sports Lighting, LLC 2107 Stewart Road Muscatine, IA 52761 Phone: 563.260.0995 Email: jim.freie@musco.com
Proposer's secondary contact for this proposal	Ryan Tighe Business Development Rep Musco Sports Lighting, LLC 100 1st Ave West PO Box 808 Oskaloosa, IA 52577 Phone: 641-660-6323 Email: ryan.tighe@musco.com



B. EQUIPMENT LAYOUT

Cornerstone Park Athletic Complex
Starkville, MS

★ MuscoVision Camera Locations

EQUIPMENT LAYOUT

INCLUDES:

- Baseball 1
- Baseball 10
- Baseball 2
- Baseball 3
- Baseball 4
- Baseball 5
- Baseball 6
- Baseball 7
- Baseball 8
- Baseball 9
- Baseball-11
- Baseball-12
- T-ball

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

EQUIPMENT LIST FOR AREAS SHOWN

QTY	LOCATION	Pole		GRADE ELEVATION	Luminaires		QTY
		CLASS			TYPE	POLE	
1	A1	LSS70C	-	70'	TLC-LED-1500	1/1*	1
				70'	TLC-LED-900	1*	
				15.5'	TLC-BT-575	1/1*	
				70'	TLC-LED-1200	2/1*	
4	A2-A4, A6	LSS70C	-	70'	TLC-LED-1500	1/1*	4
				15.5'	TLC-BT-575	1/1*	
				70'	TLC-LED-1200	2/2*	
2	A5, A7	LSS70C	-	70'	TLC-LED-1500	1	2
				15.5'	TLC-BT-575	1/1*	
				70'	TLC-LED-1200	2/3*	
1	A8	LSS70B	0'	70'	TLC-LED-1500	1	1
				15.5'	TLC-BT-575	1/1*	
				70'	TLC-LED-1200	2/3*	
1	A9	LSS70B	0'	70'	TLC-LED-1500	1/1*	1
				15.5'	TLC-BT-575	1/1*	
				70'	TLC-LED-1200	2/2*	
1	A10	LSS70B	-	70'	TLC-LED-1500	1/1*	1
				15.5'	TLC-BT-575	1/1*	
				70'	TLC-LED-1200	2/2*	
1	A11	LSS70B	-	70'	TLC-LED-1500	1*	1
				15.5'	TLC-BT-575	1/1*	
				70'	TLC-LED-1200	3/2*	
1	A12	LSS70C	-	15.5'	TLC-BT-575	1/1*	1
				70'	TLC-LED-1200	3/3*	
19	B1-B9 B11-B12 B15-B18 B20-B23	LSS70C	-	70'	TLC-LED-1500	5	19
				70'	TLC-LED-600	1	
				15.5'	TLC-BT-575	2	
1	B10	LSS70C	-	70'	TLC-LED-1200	1	1
				15.5'	TLC-BT-575	2	
				70'	TLC-LED-1500	5	
1	B13	LSS70C	0'	15.5'	TLC-BT-575	1/1*	1
				70'	TLC-LED-1500	5/5*	
2	B14, B19	LSS70B	-	15.5'	TLC-BT-575	1	2
				70'	TLC-LED-1500	5	
4	C1-C4	LSS70AA	-	15.5'	TLC-BT-575	1	4
				70'	TLC-LED-1200	3	
2	P1-P2	LSS50AB	-	50'	TLC-LED-900	1	2
				50'	TLC-LED-1200	2	
1	P3	LSS50AB	-	50'	TLC-LED-1200	6	1
TOTALS							308

* This structure utilizes a back-to-back mounting configuration

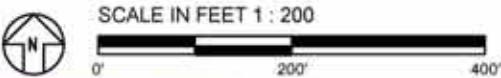
SINGLE LUMINAIRE AMPERAGE DRAW CHART

Ballast Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)					
	208 (600)	220 (600)	240 (600)	277 (600)	347 (600)	480 (600)
Single Phase Voltage	208	220	240	277	347	480
TLC-LED-1200	4.2	4.2	4.2	4.2	4.2	4.2
TLC-LED-1500	5.1	5.1	5.1	5.1	5.1	5.1
TLC-BT-575	3.4	3.2	3.2	3.2	3.2	3.2
TLC-LED-900	5.3	5.3	5.3	5.3	5.3	5.3
TLC-LED-600	3.4	3.2	3.2	3.2	3.2	3.2

We Make It Happen.

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EQUIPMENT LAYOUT



ENGINEERED DESIGN By: File #195501J · 06-Aug-20

Pole location(s) + dimensions are relative to 0,0 reference point(s)



SOUTELE-04

D2LJACQUES

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

8/11/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Turner & Hamrick 440 U.S. Hwy 231 North Troy, AL 36081	CONTACT NAME:	
	PHONE (A/C, No, Ext): (334) 566-7665	FAX (A/C, No): (334) 566-7215
INSURED Southern Electric Corp of Mississippi PO Box 320398 Jackson, MS 39232	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A : Phoenix Insurance Company	NAIC # 25623
	INSURER B : The Charter Oak Fire Insurance Company	25615
	INSURER C : Starr Indemnity & Liability Co	38318
	INSURER D : Travelers Property Casualty Insurance Company	36161
	INSURER E : Travelers Indemnity Co of America	25666
	INSURER F :	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ Contractual Liability GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PRO-JECT ☐ LOC OTHER:			VTN-CO-4J719920-19	10/1/2019	10/1/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ HIRED AUTOS ONLY CA9948 Applies ☒ NON-OWNED AUTOS ONLY ACV \$1000 Deductible			VTJ-CAP-4J719919-COF-19	10/1/2019	10/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED ☐ RETENTION \$			100058467171	10/1/2019	10/1/2020	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ \$
D	☒ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y / N N	N / A	UB-9K157883-19-25 K	10/1/2019	10/1/2020	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
E	Contractor Equipment			6601G389573	10/1/2019	10/1/2020	Comp Coll Ded 7500 450,000
E	Installation Floater			6601G389573	10/1/2019	10/1/2020	Limit 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Work Comp SIR \$250,000

CORNERSTONE SPORTS COMPLEX CITY OF STARKVILLE STARKVILLE, MS 39759

CERTIFICATE HOLDER

CANCELLATION

City of Starkville 110 W Main Street Starkville, MS 39759	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT.: Park and Recreation Dept.
AGENDA DATE: September 15, 2020
PAGE: 1 of 5

SUBJECT: FY20-21 Starkville City agreement with Starkville Academy

AMOUNT & SOURCE OF FUNDING:

\$4,100 for usage fee

FISCAL NOTE:

Amount is same as previous year

AUTHORIZATION HISTORY:

Annual Contract to Starkville Academy which has been approved in the past. The contract was updated with language. opportunities, usage and fees remained the same.

**REQUESTING
DEPARTMENT:** Parks and Recreation

**DIRECTOR'S
AUTHORIZATION:** Brandon Doherty

FOR MORE INFORMATION CONTACT: Brandon Doherty, Bdoherty@starkvilleparks.com, 662-323-2294

SUGGESTED MOTION:

Move for approval.

STARKVILLE PARKS AND RECREATION DEPARTMENT LONG TERM FIELD USE AGREEMENT

This is an agreement by and between the CITY OF STARKVILLE, a Mississippi Municipal Corporation hereinafter referred to as the "City", by and through its authorized representative, and STARKVILLE ACADEMY, hereinafter referred to as the "User."

1. GENERAL TERMS

1.1 This Agreement shall be in effect from August 2020 to March 2021 with Starkville Academy Girls and Boys' Soccer Teams. The City will permit the User to use one multi-use field located at the Starkville Sportsplex, 405 Lynn Lane, Starkville, Mississippi 39759 for the duration of the agreement, hereinafter referred to as the "Field" for the purposes of practices and games for the Starkville Academy Girls and Boys' Soccer team. The City shall have the option to terminate this Agreement at any time with or without cause with board approval.

1.2 The schedule of field dates and times are subject to change at the discretion of the City. The City will attempt to provide the User a 24 hours' notice if changes occur. Based on review of the 2020 Girls Soccer Team Schedule consisting of 3-5 practices per week through October 10th, 2020 and 7 home games scheduled for August 27th 2020, August 31st 2020, September 3rd 2020, September 8th 2020, September 10th 2020, September 24th 2020, and September 29th 2020, both parties have reviewed and approved the requested Field dates. The User will provide the City a 2020-2021 Boys' Soccer Team Schedule, to review, at least twenty (20) days before the season begins.

1.3 This Agreement and the rights and obligations contained herein may not be assigned or sublet by the User without the prior written approval of the City.

1.4 The User shall pay the City the amount of Four-thousand, one-hundred and no/100 Dollars (\$4,100.00) for the terms identified within this agreement.

1.5 The User shall pay the City the full payment by September 30th, 2020. Payment may be made by credit card or check in person at the Sportsplex, or by mailing a check to 405 Lynn Lane, Starkville, MS 39759.

1.6 The User agrees that it will be solely responsible for the following items:

- a) Locking doors to the storage rooms and restrooms after use.
- b) Picking up ground litter from field and surrounding areas, prior to leaving after each use of the field daily.
- c) Ensuring all team head coaches and assistant coaches have background checks conducted within 30 days prior to the start of the season. A copy of all background checks should be provided to the City no later than September 25, 2020, and will only be valid for this agreement.
- d) The User agrees to be solely responsible for any and all damages related to and arising out of the use of the Field during the term of this Agreement when the field is being used by the User. This applies, but is not limited, to any and all persons

associated with the User who use the field or who attend the User's events at the field during the term of the agreement. The User agrees to be solely responsible for all repairs or costs of repairs to the field and for any and all related damages as set forth herein.

e) To maintain order and safety, the User will assign one person as an on-site representative during all scheduled uses of the Field and provide the City contact information for the individual assigned, no later than the week prior to the first practice.

f) The User is prohibited from transferring use or renting out any City facility for profit. The City maintains the right to rent out all City facilities when not in use by the User.

g) A certificate of insurance and copies of all endorsements shall be furnished to the City at the time of execution of this Agreement and approved by the City by September 25, 2020.

h) The User hereby agrees to refrain from any activity in relation to use of the Field that discriminates against any person or persons based upon race, color, creed, national origin, disability, religion, age, or sex, and in accordance with present federal and state laws.

1.7 The City agrees that it will be responsible for providing the following items during the term of this Agreement:

a) All fields will be marked and goals will be set by noon on the day of all home games.

b) Cleaning and stocking restrooms.

c) Determining whether the Field will be open or closed for the User's use because of inclement weather, damage to the Field, and other unforeseen acts. The City will communicate with the User by 3:00 p.m. on day of game or practice on field condition.

2. INSURANCE REQUIREMENTS

2.1 During the term of this Agreement, the User shall procure and maintain, at its sole cost and expense, a General Liability insurance policy for injuries to persons or damages to property that may arise from or in connection with the use of the Field & the activities associated with the use of the Field by the User, its agents, representatives, participants, attendees, employees, and volunteers for limits of not less than \$1,000,000 for personal injury, death, or property damage to the Facility out of any one occurrence. **This insurance must name the City of Starkville, MS as an additional insured under the policy and contain a waiver of subrogation in favor of the City of Starkville, MS.** Only insurance carriers licensed and authorized to do business in the state of Mississippi will be accepted. The User's insurance coverage shall be primary insurance with respect to the City, its officials, agents, employees, and volunteers. Any insurance or self-insurance maintained by the City, its officials, agents, employees or volunteers shall be considered secondary and in excess of the User's insurance & shall not contribute to it.

3. USE OF FACILITY KEYS

3.1 The City will issue one GMK key to the designated on-site supervisor to use for the entire season. This key will be signed out by the City Administrative Assistant no later than the day of the first practice. This key opens the storage room where lights are located, and the restrooms. The keys may not be reproduced or duplicated by the User. The User agrees to sign the key back over to the City, within five working days after the last use of the Field. Upon failure to return the key, the User will pay a \$500 fine to the City.

4. INDEMNIFICATION

4.1 The User shall indemnify, hold harmless, and defend the City, its officers, agents, employees and volunteers from and against any and all claims, losses, damages, causes of action, suits, and liability of every kind, including all expenses of litigation, court costs, and attorney's fees, for injury to or death of any person or for damage to any property arising out of or in connection with the use of the Facility by the User. Such indemnity shall apply regardless of whether the claims, losses, damages, causes of action, suits, or liability arise in whole or in part from the negligence of the City, any other party indemnified hereunder, the User, or any third party. It is the intent of the parties that this provision shall extend to, and include, any and all claims, causes of action or liability caused by the concurrent, joint and/or contributory negligence of the City, an alleged breach of an express or implied warranty by the City or which arises out of any theory of strict or products liability.

5. RELEASE

5.1 The User hereby releases, relinquishes and discharges the City, its officers, agents, employees and volunteers from all claims, demands, and causes of action of every kind and character, including the cost of defense thereof, for any injury to or death of any person and any loss of or damage to any property that is caused by or alleged to be caused by, arising out of, or in connection with the User's use of the Facility whether or not said claims, demands, or causes of action are covered in whole or in part by insurance.

6. MISCELLANEOUS TERMS

6.1 This Agreement has been made under and shall be governed by the laws of the State of Mississippi. The parties agree that performance and all matters related thereto shall be in Oktibbeha County, Mississippi.

6.2 This Agreement contains the entire agreement between the parties. There are no other written or oral agreements, contracts, or understandings between the parties.

6.3 No waiver or deferral by either party of any term or condition of this Agreement shall be deemed or construed to be a waiver or deferral of any other term or condition or to be a subsequent waiver or deferral of the same term or condition.

6.4 Both parties must agree on any amendment made to the contract. The user has the right to cancel the contract at any time, but will not be refunded. Any requested refund must be presented by the User, to the Mayor and Board of Alderman for approval.

6.5 Any amendment to this contract must be done in writing and agreed upon by the parties.

6.6 The parties hereby state that they have read the terms of this Agreement and hereby agree to the terms and conditions contained herein.

ATTACHMENTS TO INCLUDE:

1. User's Certificate of Insurance
2. Background Check Report for Head Coach and Assistant Coach

STARKVILLE ACADEMY

505 Academy Road

Starkville, MS 39759

Printed Name: _____ Date: _____

Signature: _____ Title: _____

CITY OF STARKVILLE

405 Lynn Lane

Starkville, MS 39759

Printed Name: _____ Date: _____

Signature: _____ Title: _____



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT.: Park and Recreation Dept.
AGENDA DATE: September 15, 2020
PAGE: 1 of 3

SUBJECT: Request authorization to accept the lowest and best quote from Regal Chemicals to purchase fertilizer to be applied to sports fields in the amount of \$8,000.00.

AMOUNT & SOURCE OF FUNDING:

\$8,000 Budgeted Code: 001-550-636-110

2 Quotes Received:	H & H Turf Solutions, Woodland, MS	\$8,560.00
	Regal Chemicals	\$8,000.00

FISCAL NOTE:

AUTHORIZATION HISTORY:

Chemicals are needed to maintain the 40 acres of athletic fields during the next 5 months.

REQUESTING
DEPARTMENT: Parks and Recreation

DIRECTOR'S
AUTHORIZATION: Brandon Doherty

FOR MORE INFORMATION CONTACT: Brandon Doherty, Bdoherty@starkvilleparks.com, 662-323-2294

SUGGESTED MOTION:

Approval to accept the lowest and best quote to purchase 200 lbs of fertilizer to be applied to sports fields in the amount of \$8,000.00.

RegalREPORT™

Prepared For:
City of Starkville -
Trent Helms
405 Lynn Ln
Starkville, MS 39759
40 acres

Prepared By:
Phillip Carter
Regal Chemical
901-412-3932
phillip.carter@regalchem.com
9/1/2020

Fall 20/Spring 21 Pre-Emerge

Product Summary									
Selling Program	Product Name	Program Total	Unit Description	Qty per Unit	Cost per Unit	Units Needed	Total Cost	Discount	Net Total
NA	REGALKADE 65 WDG	40.00 LB	5 LB/CT	5.00	\$64.75	0.00	\$0.00	\$0.00	\$0.00
R2	RegalStar II 22-0-11 100% BlueChip	8,000.00 LB	50lb bag	50.00	\$51.50	160.00	\$8,240.00	\$240.00	\$8,000.00
NA	SIMAZINE 4L / SIM-TROL	10.00 GL	2.5 GL/CT	2.50	\$75.00	0.00	\$0.00	\$0.00	\$0.00
							Total		\$8,240.00
							Total Discounts		\$240.00
							Net Total		\$8,000.00
							Total Manufacturer Rebates/Credits*		\$0.00



RegalREPORT™

Prepared For:
City of Starkville -
Trent Helms
405 Lynn Ln
Starkville, MS 39759
40 acres

Prepared By:
Phillip Carter
Regal Chemical
901-412-3932
phillip.carter@regalchem.com
9/1/2020

Fall 20/Spring 21 Pre-Emerge

Agronomic Program											
40 acres	Product	Rate (per Acre)**	Total (per App)	UofM	Nutrients/M						Notes**
					N	P	K	Ca	Mg	S	
October											
15	REGALKADE 65 WDG	1.00 lbs	40.00	LB							Pre-emergent Herbicide - Broad Spectrum
	SIMAZINE 4L / SIM-TROL	32.00 oz	10.00	GL							Pre-emergent Herbicide - Broad Spectrum
March											
15	RegalStar II 22-0-11 100% BlueChip	200.00 lbs	8,000.00	LB	1.010		0.505				Pre-emergent Herbicide - Broad Spectrum
Applied Nutrients					1.010		0.505				
Total Program Nutrients					1.010		0.505				



Regal Chemical Co.

600 Branch Drive

Alpharetta, GA 30004

800.621.5208

©2020 Regal Chemical Co.

H & H Turf Solutions

2563 Hwy 389

Woodland, MS 39776

(662)836-4189

hardinturfsolutions@gmail.com



Estimate

ADDRESS

Trent Helms

Starkville Parks and Rec

SHIP TO

Trent Helms

Starkville Parks and Rec

ESTIMATE # 1027**DATE** 09/09/2020

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
09/09/2020	Regal Star 2	Regal Star 2 on 22-0-11 Fertilizer Carrier	160	53.50	8,560.00
09/09/2020		Apply 200 lbs/A	0	0.00	0.00

Please remit payment to:
H&H Turf Solutions
2563 Hwy 389
Woodland, Ms 39776

TOTAL**\$8,560.00**

Accepted By

Accepted Date



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT.: Park and Recreation Dept.
AGENDA DATE: September 15, 2020
PAGE: 1 of 3

SUBJECT: Request authorization to purchase a 72 inch mower from Powerstroke Equipment, the lowest bid, at a cost of \$8,779.00 and to declare the current 72 inch mower surplus and sell on GovDeals.com.

AMOUNT & SOURCE OF FUNDING:

\$8,779.00, Acct # 001-550-918-805: Machinery and Equipment

FISCAL NOTE:

Two Quotes: EverGreen Ag - \$8,854.23
PowerStroke - \$8,779.00

AUTHORIZATION HISTORY:

Needed to cut parks and athletic fields. A current mower will be retired and placed online to sell. Currently needs mechanical and new decks.

**REQUESTING
DEPARTMENT:** Parks and Recreation

**DIRECTOR'S
AUTHORIZATION:** Brandon Doherty

FOR MORE INFORMATION CONTACT: Brandon Doherty, Bdoherty@starkvilleparks.com, 662-323-2294

SUGGESTED MOTION:

Authorization to purchase a 72 inch mower from Powerstroke Equipment, the lowest bid, at a cost of \$8,779.00 and to declare the current 72 inch mower surplus and sell on GovDeals.com.

Evergreen Ag - Mathiston
Mathiston, MS



Page:

1

Ticket #: 2000576
Ticket date: 9/2/20
Time: 11:40 am
EVAGSALES

751

Sold to: STARKVILLE PARKS

Ship to:

Customer #:	3002	Ship date:		Ship-via code:				
Sales Rep:	KAM	Location:	2	Terms:	Due 10th			
Quantity	Selling unit	Item #		Description	Price		Ext	prc
1	EACH	565		LAZER Z E-SERIES 72	8,854.23		8,854.23	
1	EACH	1		MODEL#LZE751GKA724A1	0.00		0.00	

User: KAM

Total line items: 2

Sale subtotal: 8,854.23

Tax: 0.00

Total: 8,854.23





907D LYNN LANE
STARKVILLE, MS 39759 US
662-324-1222
powerstrokeeq@att.net

Estimate

ADDRESS	SHIP TO	ESTIMATE	1056
Starkville Park Commission	Starkville Park Commission	DATE	09/02/2020
405 LYNN LANE	405 LYNN LANE		
STARKVILLE, MS 39759	STARKVILLE, MS 39759		

ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
Exmark	M# LZE751GKA724A1 S#	1	8,779.00	8,779.00
	RETAIL \$11,500			

SUBTOTAL	8,779.00
TAX	0.00
TOTAL	\$8,779.00

Accepted By

Accepted Date



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM DEPT: Sanitation
AGENDA DATE: September 15, 2020
Page: 1

SUBJECT:

Consideration and approval of eliminating a position (Secretary) and restructuring the Sanitation/Environmental Services Department.

AMOUNT & SOURCE OF FUNDING:

Gross budget saving of \$38,200 annually.

FISCAL NOTE:

Effective for FY2021 line item #022-322- 440-114

AUTHORIZATION HISTORY:

The Sanitation/Environmental Services Department is proposing to eliminate the secretary position and restructure the department to accommodate the changes while looking to the future in the development of departmental leaders in the Department and succession planning for day to day staff. This reorganization provides leaner, more efficient work crews and a higher emphasis on planning and communication.

Please review the attached report/summary page for more details on the history of the department.

REQUESTING DEPARTMENT:

Sanitation & Environmental Services

DIRECTOR'S AUTHORIZATION:

Calvin Ware, Sanitation & Environmental Services Director.

FOR MORE INFORMATION CONTACT:

Calvin Ware, Sanitation & Environmental Services Director or Navarrete Ashford, Human Resources Director.

SUGGESTED MOTION

Move approval of eliminating a position (Secretary) and restructuring the Sanitation/Environmental Services Department.



Report

Date: September 3, 2020

To: Mayor Spruill and Members of the Board

From: Calvin Ware, Sanitation & Environmental Services Director

Subject: Eliminating a position (Secretary) and restructuring the Sanitation/Environmental Services Department.

Summary

Due to the landfill closing, the pandemic and the city eliminating its recycling, the Sanitation & Environmental Services Director has developed the following proposal in an effort to create efficiencies in his department.

In June, we began planning and discussing opportunities to improve operational efficiency in the Department by combining positions and restructuring team makeup while also taking necessary steps to improve employee's growth and development. By taking these actions, we will enhance the efforts to better serve the citizens in accordance with the Department's existing platform of initiatives. The reorganization plan calls for aggressive and courageous change to the manner in which the City has not traditionally conducted its business.

The restructuring is eliminating the Secretary position. It's an area of responsibilities we can combine with the Administrative Assistant position, which promotes balance in resource allocation with respect to task priority and required skill set, and through consolidating functions, which allows the department to operate with fewer staff and still provide effective and accountable service. Under this concept employees develop broader skills that benefit the organization as a whole.

The gross effect of this proposal will save the City of Starkville \$38,200 (Salary, PERS, SS, and Health) and create a leaner and more efficient department. This savings will really make an impact on our budget, which is important.

Background

Traditionally, the Sanitation & Environmental Services department used a host of free labor through work programs or part-time office resources throughout any given year to assist full-time personnel in providing a variety of services. In order to maintain consistency with expectations, the part-time Secretary position was moved to a full-time status on September 4, 2018.

Unfortunately, this full-time position is no longer needed. As stated in the summary, due to the landfill closing, the pandemic and loss of recycling, the Department Head realizes the urgency in addressing the fact that costs for providing public services are escalating, while at the same time fewer sources for revenue are available to meet these increases. In addition, the manner in which the City conducts the business of providing services must change to align with changes on-going within our local community.

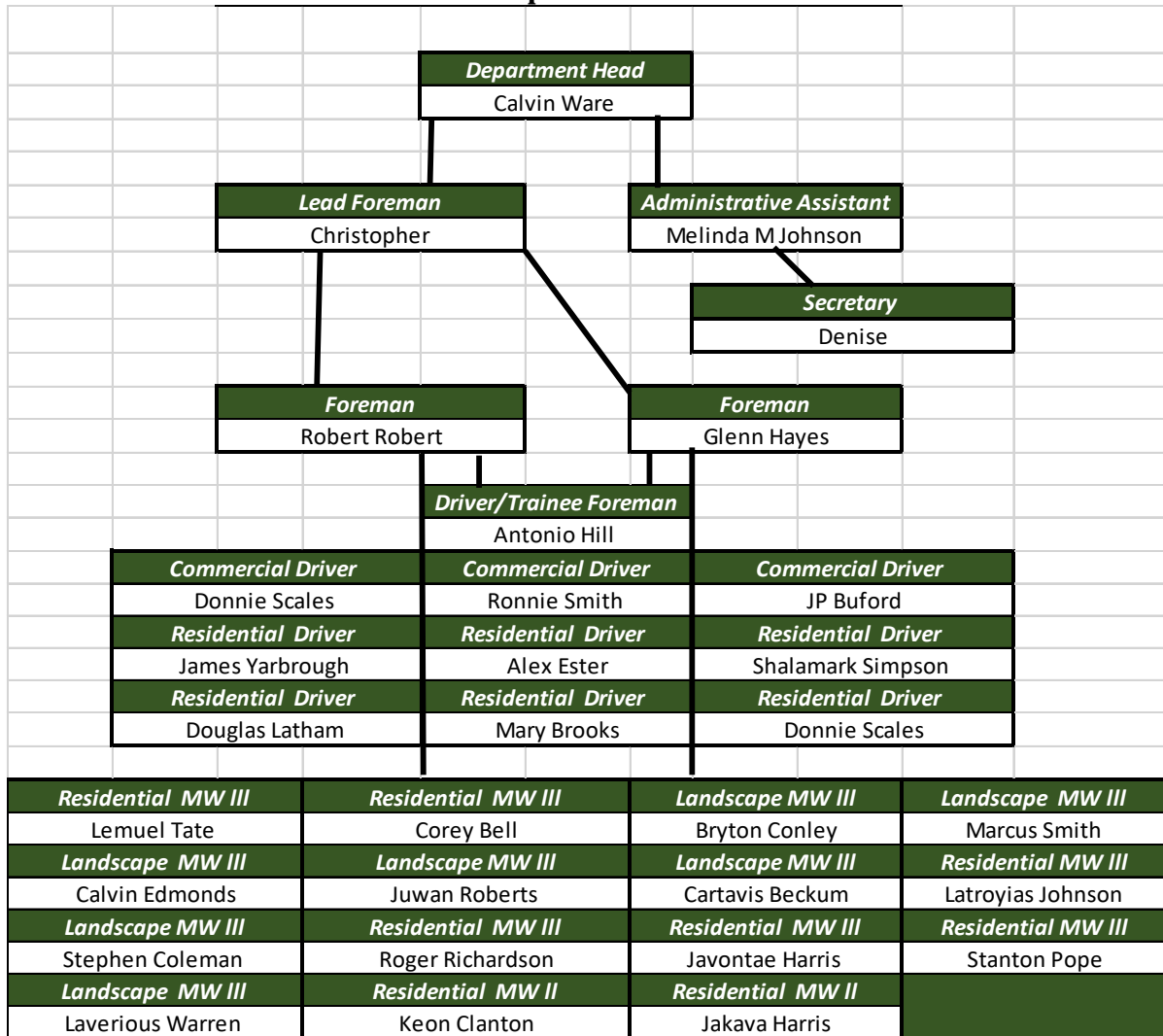
The COVID-19 pandemic has disrupted the recycling industry, which was an industry that was already struggling. The primary goal of our recycling program and waste reduction program was to divert recyclable waste from disposal in the landfill. Our program strived to demonstrate to citizens on how to re-think how they buy and dispose of goods. With the changing economy and the pandemic, this program is actually costing the city money to operate. Although, the City is currently exploring the options for a partnership with Mississippi State University (MSU) to provide effective recycling programs and promote recycling awareness, the Sanitation department still would not need a dedicated person to assist with



those obligations.

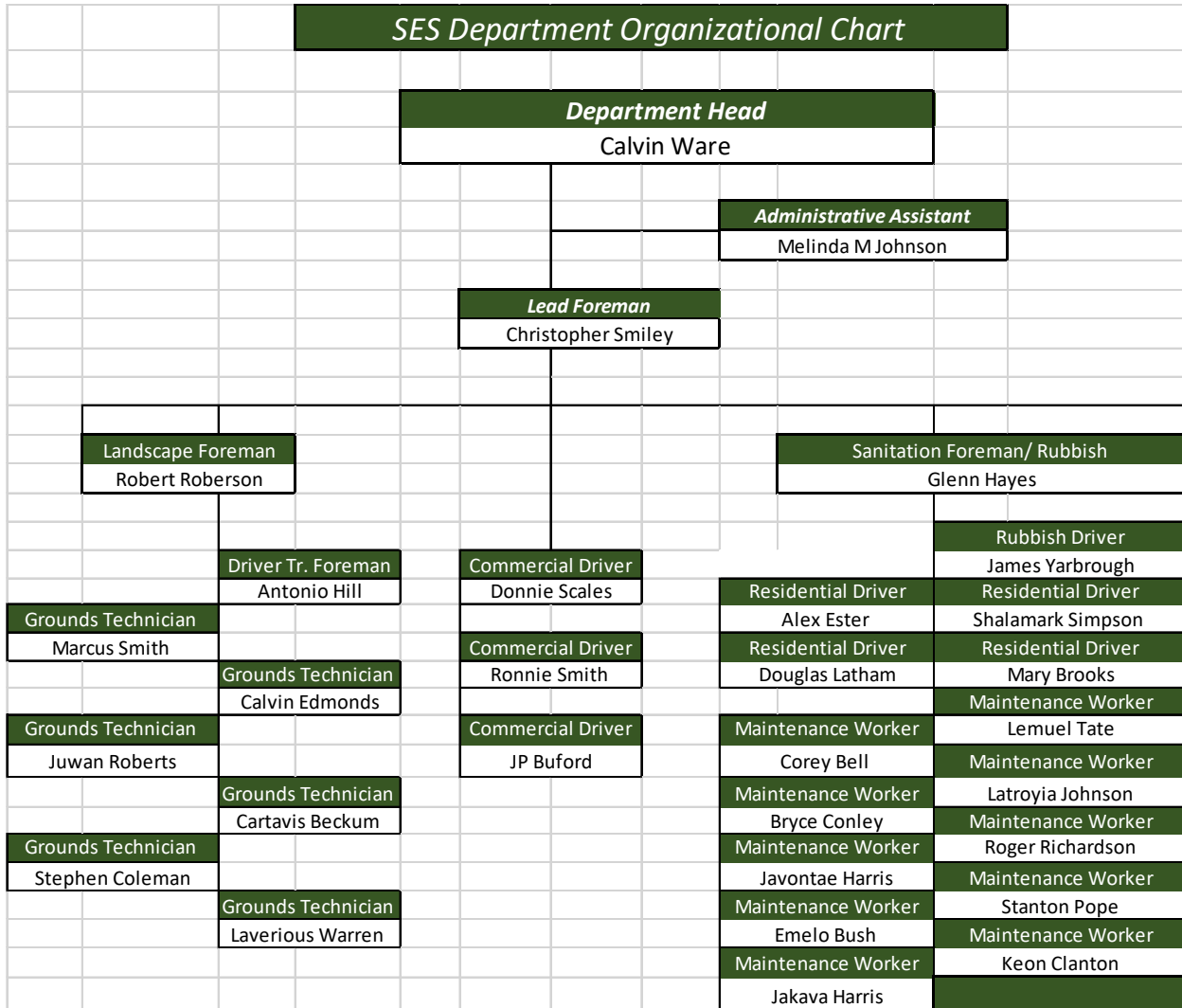
For the past several months we have been meeting on a regular basis to lay out the opportunities and challenges, discuss the pros and cons, and identify the means by which a more modern department might be created. Please see charts below:

The Current Department looks like this





The Re-Envisioned Department will look like this





**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM NO:
AGENDA DATE: September 15, 2020
PAGE: 1

SUBJECT: Request authorization to advertise for bids for construction for the Trim Cane Lift Station Rehabilitation.

AMOUNT & SOURCE OF FUNDING: 2020 Budget

FISCAL NOTE:

AUTHORIZATION HISTORY

**REQUESTING
DEPARTMENT:** Utilities

**DIRECTOR'S
AUTHORIZATION:** Terry Kemp, General Manager

FOR MORE INFORMATION CONTACT: Terry Kemp 323-3133

SUGGESTED MOTION:

Move approval to advertise for bids for construction for the Trim Cane Lift Station Rehabilitation.

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STARKVILLE UTILITIES
Starkville, Mississippi
TRIM CANE LIFT STATION REHABILITATION

ADVERTISEMENT FOR BIDS

Sealed bids for **TRIM CANE LIFT STATION REHABILITATION**, to be constructed for **STARKVILLE UTILITIES** will be received from Contractors. **Sealed bids** will be received at the office of **CITY CLERK AT STARKVILLE CITY HALL** and addressed to Lesa Hardin, Starkville City Clerk, 110 West Main Street, Starkville, Mississippi 39759. **Electronic bids** will be emailed to Lesa Hardin, Starkville City Clerk, at bids@cityofstarkville.org and will be received until **1:45 p.m. on October 20, 2020**. **Sealed bids** will be received until **2:00 p.m. on October 20, 2020**, at which time all bids shall be publicly opened and read aloud at the City Clerk's Offices.

The Project consists of improvements to a wastewater lift station including composite rehabilitation of concrete wet well, replacement of piping, valves, and one dry-pit submersible pump, cleaning and coating of piping, and other miscellaneous facility improvements.

Bids will be received for a single prime contract. Bids shall be on a lump sum and unit price basis, with additive alternate bid items as indicated in the Bid Form.

Digital copies of the bid documents are available at <http://planroom.garverusa.com> for a fee of \$30. These documents may be downloaded by selecting this project from the "Plan Room" link. For assistance and free membership registration, contact QuestCDN at 952.233.1632 or info@questcdn.com. Documents can be examined at Starkville Utilities, 200 N. Lafayette St, Starkville, Mississippi 39759. **Addendums to the bid package will be issued through the Garver online Plan Holders List; therefore, all prime bidders shall be responsible for downloading the bid documents from the Garver online plan room in order to be included in the Plan Holders List. Bidders must enter the addenda numbers in Article 3.01 of the Bid Form to verify receipt.**

Due to the specialized nature of the construction, Bidders are required to complete and include Section 00 45 13 – QUALIFICATION STATEMENT with their bid. The experience and qualifications of Bidders will be evaluated with the submitted bids by the Owner.

Davis Bacon Act wage rules shall apply. All laborers and mechanics employed by contractors and subcontractors on projects funded directly by or assisted in whole or in part by and through the Federal Government shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor in accordance with subchapter IV of Chapter 31 of Title 40, United States Code. The Department of Labor provides all pertinent information related to compliance with labor standards, including prevailing wage rates and instructions for reporting. For more information please refer to www.wdol.gov.

Bids shall be accompanied by a cashier's or certified check upon a national or state bank in an amount of five percent (5%) of the total maximum bid price payable without recourse to the Owner, or a bid bond in the same amount from a reliable surety company, as a guarantee that the Bidder will enter into a contract and execute performance and payment bonds within fifteen (15) days after notice of award of Contract to him. Such bid guarantee shall be made payable to **STARKVILLE UTILITIES**.

The successful bidder must furnish a performance, payment, and maintenance bond upon the form provided in the amount of one hundred per cent (100%) of the contract price from an approved surety company holding a permit from the State of **MISSISSIPPI** to act as surety, or other surety or sureties acceptable to the Owner.

Bids must remain in effect for **60** days after the bid opening date. Within **60** days from the bid date, the Owner may award the contract to the lowest responsive, responsible bidder or reject any or all bids for the project.

The **STARKVILLE UTILITIES** reserves the right to reject any or all bids, to waive irregularities in the bids and bidding deemed to be in the best interests of the **STARKVILLE UTILITIES**, and to reject nonconforming, nonresponsive, or conditional bids.

Owner: **STARKVILLE UTILITIES**
By: **Terry Kemp**
Title: **General Manager**
Date: **09/08/2020**

END OF ADVERTISEMENT FOR BIDS



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM NO:
AGENDA DATE: September 15, 2020
PAGE: 1

SUBJECT: Request approval of renewal of the Distribution Insurance Company (DIC) property-casualty insurance proposal for Starkville Utilities- Electric Division.

AMOUNT & SOURCE OF FUNDING: 2019 Budget

FISCAL NOTE:

AUTHORIZATION HISTORY

**REQUESTING
DEPARTMENT:** Utilities

**DIRECTOR'S
AUTHORIZATION:** Terry Kemp, General Manager

FOR MORE INFORMATION CONTACT: Terry Kemp 323-3133

SUGGESTED MOTION:

Move approval of renewal of the Distribution Insurance Company (DIC) property-casualty insurance proposal for Starkville Utilities- Electric Division.



Insurance | Risk Management | Consulting



Starkville Electric Department

200 N. Lafayette Street
Starkville, MS 39759

October 1, 2020-21

Proposal of Insurance presented by:
Arthur J. Gallagher Risk Management Services, Inc.
1050 Crown Pointe Parkway, Suite 600
Atlanta, GA 30338



September 4, 2020

Mr. Terry Kemp
Mr. David Wise
Starkville Electric Department
200 N. Lafayette Street
Starkville, MS 39759

RE: Starkville Electric Department
October 1, 2020-21 Insurance Proposal

Dear Terry and David:

Enclosed is the TVPPA/Distributors Insurance Program proposal for the renewal referenced above. All coverages for which we have provided a quotation are outlined in the enclosed summary. Please review and feel free to contact me with any questions or comments.

Please note: we have included an option to increase the property deductible from \$5,000 to \$10,000. Per my discussion with David this morning, upon further review of the substation value for the new substation located at Azalea Lane, it appears to be included for the correct replacement value of \$8,000,000 (not including the \$2,000,000 in site preparation costs).

We would be happy to discuss this in more detail, and look forward to a positive response to this proposal and working with you during the next year. Please complete the attached Acceptance/Rejection form and return it to me at your earliest opportunity. Thank you for the opportunity to be of service.

Sincerely,

A handwritten signature in black ink that reads "Ruth A. Zimmerman". The signature is written in a cursive, flowing style.

Ruth Zimmerman
Account Executive

Enclosures

cc: Doug Peters
Tony Salvatore

DIC at a glance

In 1980, leaders of the Tennessee Valley Public Power Association set out to assist members that had been experiencing affordability and availability problems with their property and casualty insurance programs. An Insurance Study Committee was organized to examine the feasibility of an association-owned insurance company designed for TVPPA members. The Committee's work culminated in the creation in 1983 of TVPPA's wholly-owned captive insurance subsidiary, Distributors Insurance Company (DIC).

Historically the key advantage to TVPPA members having their own insurance company – DIC – has been guaranteed availability. During past restrictive market cycles, such as 1985-1987, and 2001-2005, DIC stood by TVPPA members offering comprehensive coverages at competitive prices while the traditional insurance market "non-renewed" and abandoned the Valley's utilities.

DIC is flexible, and provides deductible programs, tailored coverage limits, special risk coverages and individual consulting services that other insurance companies often overlook or refuse to offer. The DIC program has the not-for-profit electric utility industry as its exclusive interest.

DIC has developed into a strong financial company. DIC is regulated by and directly accountable to the Tennessee Department of Commerce and Insurance for its operations, financial solvency and ability to pay claims. The nation's foremost actuarial consulting firm examines DIC's premium rating and loss reserving methods annually. A highly respected independent CPA firm conducts an annual financial audit of DIC based on GAAP accounting.

Daily company operations and service coordination are the contractual responsibility of a major U.S. insurance brokerage and management firm. The firm manages DIC claims handling activities, which are also monitored by a Claims Committee made up of managers from DIC insured utilities.

An active safety and loss control program was a key interest of DIC's pioneering leaders in the early 1980's and it remains a major thrust of DIC's service program today. Regular safety and loss control visits are scheduled at each DIC insured location. Electric, gas, water and wastewater operations are reviewed and appropriate safety methods are routinely presented to employees during these visits. In addition, DIC insureds may purchase tailored safety training services. Further, all DIC Workers' Compensation insureds are eligible to participate in our unique and extremely successful Shared Cost Safety Incentive program, which has returned over \$3.3 million to successful participants.

Since DIC's inception, the objectives that TVPPA leaders originally set as the cornerstone of the DIC program have remained the top priority. The DIC board and staff strive for high quality, consistency and economy in all services in order that the established tradition of quality insurance service will continue.

DIC insures and/or reinsures:

- Workers' Compensation
- General Liability
- Auto Liability and Physical Damage

Arthur J. Gallagher & Co. (AJG), as Program Manager, places all other lines of business with commercial insurers.



Insurance | Risk Management | Consulting

Gallagher at a glance

Gallagher has been designing solutions to meet our clients' unique needs for more than 90 years. We pioneered many of the innovations in risk management used by businesses in all industries today. We believe that the best environment for learning and growing is one that remembers the past and invents the future. Gallagher has divisions specializing in retail insurance brokerage operations, benefits and HR consulting, wholesale distributions and third-party administrations and claims processing.

As one of the largest insurance brokers in the world, Gallagher has approximately 700 offices in 33 countries and provides client-service capabilities in more than 150 countries around the world through our network of partners. Wherever you are – we're nearby.



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM NO:
AGENDA DATE: September 15, 2020
PAGE: 1

SUBJECT: Request authorization for Starkville Utilities to approve Amendment No.1 to Task order No. 3-2018 for the construction phase services of the WWTP Biosolids Improvements not to exceed \$75,000.00 due to the need to increase the construction period.

AMOUNT & SOURCE OF FUNDING: 2020 Budget

FISCAL NOTE:

AUTHORIZATION HISTORY:

Authorization for the ordinal Task Order No. 3-2018 was approved by the Board of Alderman on November 6, 2018.

**REQUESTING
DEPARTMENT:** Utilities

**DIRECTOR'S
AUTHORIZATION:** Terry Kemp, General Manager

FOR MORE INFORMATION CONTACT: Terry Kemp 323-3133

SUGGESTED MOTION:

Move approval for Starkville Utilities to approve Amendment No.1 to Task order No. 3-2018 for the construction phase services of the WWTP Biosolids Improvements not to exceed \$75,000.00.

**STARKVILLE UTILITIES
CITY OF STARKVILLE, MISSISSIPPI
TASK ORDER NO. 03-2018
AMENDMENT NO. 1**

**ERNEST E. JONES WASTEWATER TREATMENT FACILITY
BIOSOLIDS IMPROVEMENTS**

This Task Order Amendment is to be performed in accordance with the provisions of the Agreement for Professional Services entered into the 3rd day of October, 2017, by and between Starkville Utilities, City of Starkville, Mississippi, hereafter referred to as the OWNER, and Volkert, Inc., hereafter referred to as the Consultant and Task Order No. 03-20188.

WHEREAS, each of said parties represents that it continues to have authority to execute this Task Order Amendment and that all certifications previously made in said agreement remain in effect;

NOW THEREFORE, the parties hereto do further contract and agree to add the following items of work to the above Agreement and Task Order under the additional terms and conditions as are herein stated:

1. Phase 2 – Construction Phase Services – Fee

Due to the extended duration of the construction contract, both parties agree to extend the Consultant provided construction phase services for the additional contract time to December 31, 2020 for an increase of \$75,000 in the approved construction phase services fee. Additional construction phase services beyond December 31, 2020 may be provided for additional fee.

Original approved fee for Construction Administration and Resident Project Representative (Part Time): \$198,000

Revised approved fee for Construction Administration and Resident Project Representative (Part Time): **\$273,000**

So, executed and agreed this _____ day of _____, 2020.

ATTEST:

STARKVILLE UTILITIES

CITY OF STARKVILLE, MISSISSIPPI

Name/Title

General Manager

ATTEST:

VOLKERT, INC.

ShaShunda Williams

Name/Title *ShaShunda Williams*
Administrative Assistant

Mark C. McConnell

Mark McConnell
Vice President



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM NO:
AGENDA DATE: August 18, 2020
PAGE: 1

SUBJECT: Request authorization for Starkville Utilities to accept the Pleasant Acres summary change order for the Pleasant Acres Infrastructure Rehabilitation Project with the net increase of \$85,760.16.

AMOUNT & SOURCE OF FUNDING:

FISCAL NOTE:

AUTHORIZATION HISTORY

**REQUESTING
DEPARTMENT:** Utilities

**DIRECTOR'S
AUTHORIZATION:** Terry Kemp, General Manager

FOR MORE INFORMATION CONTACT: Terry Kemp 323-3133

SUGGESTED MOTION:

Move approval to authorize the summary change order for the Pleasant Acres Infrastructure Rehabilitation project with the net increase of \$85,760.16.

CHANGE ORDER

(Instructions on reverse side)

No. 1 Final

PROJECT: City of Starkville – Pleasant Acres Subdivision Water/Sewer Replacement

DATE OF ISSUANCE: 8/31/20 EFFECTIVE DATE: 9/15/20

OWNER: City of Starkville, Mississippi

OWNER's Contract No. _____

CONTRACTOR: 4D Construction, Inc. ENGINEER: Clearwater Consultants, Inc.

You are directed to make the following changes in the Contract Documents.

Description: Adjust contract quantities to final amounts used in completion of work;
Additional work required during construction; Additional contract time for weather

Reason for Change Order: Adjust contract quantities to match actual quantities used; Add additional work completed to Contract; Additional contract time for wet weather

Attachments : Final Summary of Work Completed; Summary of Additions to Contract (Attachment "A")

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price \$ <u>980,188</u>	Original Contract Times Substantial Completion <u>May 17, 2019</u> Ready for final payment <u>June 16, 2019</u> Days or dates
Net changes from previous Change Order No: <u>-</u> to No: <u>-</u> \$ <u>0.00</u>	Net change from previous Change Orders No: <u>-</u> to No: <u>-</u> <u>N/A</u>
Contract Price prior to this Change Order \$ <u>980,188</u>	Contract times prior to this change order Substantial Completion <u>May 17, 2019</u> Ready for final payment: <u>June 16, 2019</u> days or dates
Net Increase of this Change Order \$ <u>+85,760.15</u>	Net Increase of this Change Order <u>446 / 472</u> Days
Contract Price with all approved Change Orders \$ <u>1,065,948.15</u>	Contract Times with all approved Change Orders Substantial Completion: <u>August 5, 2020</u> Ready for final payment: <u>September 30, 2020</u> days or dates

RECOMMENDED:

By: [Signature]
Engineer (Authorized Signature)

Date: 09/08/20

APPROVED:

By: _____
Owner (Authorized Signature)

Date: _____

ACCEPTED:

By: [Signature]
Contractor (Authorized Signature)

Date: 9/8/2020

EJCDC No. 1910-8-B (1990 Edition)

Prepared by the Engineers Joint Contract Documents Committee and endorsed by The Associated General Contractors of America

ATTACHMENT "A"
City of Starkville, Mississippi
Pleasant Acres Subdivision
Water / Sewer Replacement
Final and Summary Change Order
Adjustment of Final Contract Quantities

Bid Item Number	Bid Item Description	Units	Original Contract Quantity	Final Contract Quantity	Unit Price	Original Contract Price	Final Contract Price	Increase (+) or Decrease (-) in Contract Price
Section 1 Gravity Sewer Items								
1	Stone Bedding	tons	25	0	\$70.00	\$1,750.00	\$0.00	-\$1,750.00
2	Select Borrow Material	cy	1200	510	\$20.00	\$24,000.00	\$10,200.00	-\$13,800.00
3	Clay Gravel	cy	25	0	\$20.00	\$500.00	\$0.00	-\$500.00
4	610 Crushed Stone	tons	573	1801.07	\$68.00	\$38,964.00	\$122,472.76	\$83,508.76
5	Washed Gravel	cy	25	0	\$30.00	\$750.00	\$0.00	-\$750.00
6	Stone Rip Rap	tons	30	0	\$105.00	\$3,150.00	\$0.00	-\$3,150.00
7	Silt Fence	lf	1000	885	\$2.95	\$2,950.00	\$2,610.75	-\$339.25
8	Hay Bales	each	100	25	\$8.00	\$800.00	\$200.00	-\$600.00
9	Erosion Control Blanket	sy	1000	0	\$5.00	\$5,000.00	\$0.00	-\$5,000.00
10	48" Diameter Sanitary Sewer Manhole (0'-6' cut)	each	22	12	\$1,500.00	\$33,000.00	\$18,000.00	-\$15,000.00
11	48" Diameter Sanitary Sewer Manhole (6'-8' cut)	each	11	22	\$1,800.00	\$19,800.00	\$39,600.00	\$19,800.00
12	48" Diameter Sanitary Sewer Manhole (8'-10' cut)	each	5	7	\$2,400.00	\$12,000.00	\$16,800.00	\$4,800.00
13	8" Diameter Sanitary Sewer Cleanout (0'-8' Depth)	each	4	4	\$1,050.00	\$4,200.00	\$4,200.00	\$0.00
14	8" PVC Gravity Sewer (0'-6' cut)	lf	4170	3456.8	\$27.00	\$112,590.00	\$93,333.60	-\$19,256.40
15	8" PVC Gravity Sewer (6'-8' cut)	lf	1200	1930.6	\$30.00	\$36,000.00	\$57,918.00	\$21,918.00
16	8" PVC Gravity Sewer (8'-10' cut)	lf	350	289.2	\$36.00	\$12,600.00	\$10,411.20	-\$2,188.80
17	10" PVC Gravity Sewer (0'-6' cut)	lf	810	432	\$30.00	\$24,300.00	\$12,960.00	-\$11,340.00
18	12" PVC Gravity Sewer (6'-8' cut)	lf	675	383.15	\$36.00	\$24,300.00	\$13,793.40	-\$10,506.60
19	12" PVC Gravity Sewer (8'-10' cut)	lf	650	669.77	\$42.00	\$27,300.00	\$28,130.34	\$830.34
20	16" PVC Encasement Open Cut	lf	150	0	\$100.00	\$15,000.00	\$0.00	-\$15,000.00
21	18" PVC Encasement Open Cut	lf	50	0	\$115.00	\$5,750.00	\$0.00	-\$5,750.00
22	20" PVC Encasement Open Cut	lf	50	0	\$140.00	\$7,000.00	\$0.00	-\$7,000.00
23	4" PVC Service Lines	lf	2450	1822	\$15.00	\$36,750.00	\$27,330.00	-\$9,420.00
24	Gravity Sewer Service Connections at Sewer Main (4")	each	98	95	\$250.00	\$24,500.00	\$23,750.00	-\$750.00
25	Asphalt Surface Repairs	sf	1040	0	\$15.00	\$15,600.00	\$0.00	-\$15,600.00
26	Concrete Surface Repairs	sf	3250	7849.7	\$14.00	\$45,500.00	\$109,895.80	\$64,395.80
27	12" Open Trench Crossing	lf	50	73	\$95.00	\$4,750.00	\$6,935.00	\$2,185.00
28	10" Open Trench Crossing	lf	50	36	\$85.00	\$4,250.00	\$3,060.00	-\$1,190.00
29	8" Open Trench Crossing	lf	110	148	\$85.00	\$9,350.00	\$12,580.00	\$3,230.00
30	8" Drop Manhole Piping and Connection (8'-10' cut)	each	1	0	\$2,500.00	\$2,500.00	\$0.00	-\$2,500.00
31	Closure of Existing Manholes	each	0	0	\$850.00	\$0.00	\$0.00	\$0.00
Gravity Sewer Subtotals						\$554,904.00	\$614,180.85	\$59,276.85

ATTACHMENT "A"
City of Starkville, Mississippi
Pleasant Acres Subdivision
Water / Sewer Replacement
Final and Summary Change Order
Adjustment of Final Contract Quantities

Bid Item Number	Bid Item Description	Units	Original Contract Quantity	Final Contract Quantity	Unit Price	Original Contract Price	Final Contract Price	Increase (+) or Decrease (-) in Contract Price
Section 2 Potable Water Distribution System								
32	Stone Bedding	tons	0	0	\$70.00	\$0.00	\$0.00	\$0.00
33	Select Borrow Material	cy	800	0	\$20.00	\$16,000.00	\$0.00	-\$16,000.00
34	Clay Gravel	cy	0	0	\$20.00	\$0.00	\$0.00	\$0.00
35	610 Crushed Stone	tons	260	318.41	\$68.00	\$17,680.00	\$21,651.88	\$3,971.88
36	Washed Gravel	tons	0	0	\$30.00	\$0.00	\$0.00	\$0.00
37	Stone Rip Rap	tons	0	0	\$105.00	\$0.00	\$0.00	\$0.00
38	Silt Fence	lf	1000	670	\$2.95	\$2,950.00	\$1,976.50	-\$973.50
39	Hay Bales	each	100	8	\$8.00	\$800.00	\$64.00	-\$736.00
40	Erosion Control Blanket	sf	1000	0	\$5.00	\$5,000.00	\$0.00	-\$5,000.00
41	C900 DR21 - 6" PVC Water Main	lf	7010	7112	\$18.00	\$126,180.00	\$128,016.00	\$1,836.00
42	DR 21- 2 Inch Diameter PVC Water Main	lf	380	675	\$15.00	\$5,700.00	\$10,125.00	\$4,425.00
43	6" Diameter Water Main Open Cut Street Crossing	lf	250	114	\$50.00	\$12,500.00	\$5,700.00	-\$6,800.00
44	Road Bore and 1 1/2" PVC Casing	lf	1510	1108	\$24.00	\$36,240.00	\$26,592.00	-\$9,648.00
45	12" PVC Encasement (Open Cut)	lf	250	389	\$75.00	\$18,750.00	\$29,175.00	\$10,425.00
46	3/4" HDPE Sewer Service Lines	lf	4410	4458	\$6.00	\$26,460.00	\$26,748.00	\$288.00
47	Potable Water Service Taps at Water Main (3/4")	each	98	110	\$175.00	\$17,150.00	\$19,250.00	\$2,100.00
48	Asphalt Road Surface Repairs	sf	900	0	\$15.00	\$13,500.00	\$0.00	-\$13,500.00
49	Concrete Surface Repairs	sf	3600	3600	\$13.34	\$48,024.00	\$48,024.00	\$0.00
50	2" x 6" Blow Off Assembly	each	2	3	\$750.00	\$1,500.00	\$2,250.00	\$750.00
51	2" Gate Valves and Boxes	each	3	4	\$600.00	\$1,800.00	\$2,400.00	\$600.00
52	6" Gate Valves and Boxes	each	23	13	\$850.00	\$19,550.00	\$11,050.00	-\$8,500.00
53	8" X 6" tap	each	1	1	\$3,200.00	\$3,200.00	\$3,200.00	\$0.00
54	6" X 6" tap	each	1	1	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00
55	New 6" Fire Hydrant Installation	each	8	8	\$1,500.00	\$12,000.00	\$12,000.00	\$0.00
56	Removal, Cleaning and Storage of Existing Fire Hydrants	each	0	0	\$750.00	\$0.00	\$0.00	\$0.00
57	6" - 90 Degree Bend	each	1	2	\$500.00	\$500.00	\$1,000.00	\$500.00
58	6" - 45 Degree Bend	each	1	10	\$500.00	\$500.00	\$5,000.00	\$4,500.00
59	6" - 11 1/4 Degree Bend	each	1	2	\$500.00	\$500.00	\$1,000.00	\$500.00
60	6" - 22 1/2 Degree Bend	each	1	6	\$500.00	\$500.00	\$3,000.00	\$2,500.00
61	6" MJ Wye	each	1	2	\$600.00	\$600.00	\$1,200.00	\$600.00
62	6" MJ Tee	each	1	10	\$600.00	\$600.00	\$6,000.00	\$5,400.00
63	2" - 90 Degree Bend	each	1	0	\$200.00	\$200.00	\$0.00	-\$200.00
64	2" - 45 Degree Bend	each	1	0	\$200.00	\$200.00	\$0.00	-\$200.00
65	2" - Tee	each	1	0	\$200.00	\$200.00	\$0.00	-\$200.00
66	Permanent Erosion Control	acre	5	5	\$3,400.00	\$17,000.00	\$17,000.00	\$0.00
67	Implementation of Stormwater Pollution Prevention Plan	ls	1	1	\$16,500.00	\$16,500.00	\$16,500.00	\$0.00
			Water Distribution Subtotals			\$425,284.00	\$401,922.38	-\$23,361.62

ATTACHMENT "A"
City of Starkville, Mississippi
Pleasant Acres Subdivision
Water / Sewer Replacement
Final and Summary Change Order
Adjustment of Final Contract Quantities

Item Number	Item Description	Units	Original Contract Quantity	Final Contract Quantity	Unit Price	Original Contract Price	Final Contract Price	Increase (+) or Decrease (-) in Contract Price
Change Order Number 1								
1	Add 48" Sanitary Sewer Manhole (10'-12' Depth)	each	0	1	\$3,000.00	\$0.00	\$3,000.00	\$3,000.00
2	Add 8" PVC Sanitary Sewer (10'-12' cut)	lf	0	30	\$40.00	\$0.00	\$1,200.00	\$1,200.00
3	Add 10" PVC Gravity Sewer (6'-8' cut)	lf	0	193	\$35.00	\$0.00	\$6,755.00	\$6,755.00
4	Add 12" PVC Gravity Sewer (0'-6' cut)	lf	0	247.64	\$34.00	\$0.00	\$8,419.76	\$8,419.76
5	Add 12" PVC Gravity Sewer (10'-12' cut)	lf	0	30.92	\$48.00	\$0.00	\$1,484.16	\$1,484.16
6	Add Installation of Sod at Removed Fire Hydrants	ls	0	1	\$3,500.00	\$0.00	\$3,500.00	\$3,500.00
6	Raise manhole	ls	0	1	\$500.00	\$0.00	\$500.00	\$500.00
7	4" Cleanout	each	0	4	\$650.00	\$0.00	\$2,600.00	\$2,600.00
8	6" PVC Sewer	lf	0	65	\$16.00	\$0.00	\$1,040.00	\$1,040.00
9	Connect Existing 2" water line to 6" water line	each	0	1	\$1,200.00	\$0.00	\$1,200.00	\$1,200.00
10	6 Inch Sewer Tap	each	0	1	\$1,400.00	\$0.00	\$1,400.00	\$1,400.00
11	6 Inch Cleanout	each	0	1	\$700.00	\$0.00	\$700.00	\$700.00
12	Closure of Existing Manholes	each	0	7	\$850.00	\$0.00	\$5,950.00	\$5,950.00
13	Removal, Cleaning and Storage of Existing Fire Hydrants	each	0	8	\$750.00	\$0.00	\$6,000.00	\$6,000.00
73	12" Steel Encasement Open Cut	lf	0	31	\$120.00	\$0.00	\$3,720.00	\$3,720.00
49	Concrete Surface repairs (differential costs)	sf	0	3600	\$0.66	\$0.00	\$2,376.00	\$2,376.00
Change Order 1 Subtotal						\$0.00	\$49,844.92	\$49,844.92

Project Totals		\$980,188.00	\$1,065,948.15	\$85,760.15
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Summary Of Project Costs	
Original Contract	\$980,188.00
Previous Change Orders	0.00
Previous Contract Price	\$980,188.00
Net Increase This Change Order	\$85,760.15
Final Contract Amount	\$1,065,948.15



**CITY OF STARKVILLE COVERSHEET
RECOMMENDATION FOR BOARD ACTION**

AGENDA ITEM NO:
AGENDA DATE: September 15, 2020
PAGE: 1

SUBJECT: Request authorization to accept the lowest and best quote from Wm. W. Meyer and Sons, Inc. to purchase a Tuthill PD Plus Blower for the Wastewater Treatment Plant in the amount of \$8,651.00.

AMOUNT & SOURCE OF FUNDING: 2020 Budget

<u>FISCAL NOTE:</u> 2 Quotes Received	Meyer & Sons	\$8,651.00
	Lamb's Machine Works	\$10,014.00

AUTHORIZATION HISTORY

REQUESTING
DEPARTMENT: Utilities

DIRECTOR'S
AUTHORIZATION: Terry Kemp, General Manager

FOR MORE INFORMATION CONTACT: Terry Kemp 323-3133

SUGGESTED MOTION:

Move approval to purchase a Tuthill PD Plus Blower for the Wastewater Treatment Plant in the amount of \$8,651.00 from Wm. W. Meyer and Sons, Inc.



Low Quote

Wm. W. Meyer & Sons, Inc.

1700 Franklin Blvd. • Libertyville, Illinois 60048-4407 U.S.A. • Phone (847) 918-0111 • Fax (847) 918-8183

August 25, 2020

Proposal # Q073187

ATTN: Thomas Ware
Starkville WWTP - WTP
305 Sand Rd
Starkville, MS 39759
Phone # (662) 323-7211 Fax#
Email: t.ware@cityofstarkville.org



RE:

Dear Thomas Ware:

Wm. W. Meyer & Sons is pleased to provide the following proposal for your consideration:

QTY. 1	5514-A3B2CV2-A Tuthill PD Plus Blower (former model 5514-17B2)	\$8,651.00
	Inlet Volume: 333-1,313 CFM	
	Discharge Pressure: 5-13 PSIG	
	Blower Speed: 1,150 - 3,600 RPM	
	Connection Size: 6" FLG	
	High Pressured PD Industrial Blower	
	Cast Iron Construction	
	2-Lobe Rotor Design is Now Standard - Higher Pressure Capacity (Current	
	Design is a 3-Lobe Rotor)	
	Dimensionally Interchangeable with Existing Blower	

PROPOSAL TOTAL \$8,651.00

"General compliance with NFPA/NEC standards should not be assumed by the purchaser unless explicitly noted in the proposal's content. The owner/purchaser has full and sole responsibility for such compliance in the use of this equipment purchased from Wm. W. Meyer and Sons, Inc."

"NOTE: All electronic items purchased from Wm. W. Meyer and Sons Inc (including but not limited to: Motors, Clutches, Speed Switches, Solenoid Valves, Timer Boxes, Circuit Boards, and Remotes) cannot be CANCELLED or RETURNED."

Should you have any other questions or concerns, please feel free to contact me.

Sincerely,

Mike Wood
Wm. W. Meyer & Sons, Inc.

Quoted By Mike Wood

*Celebrating 70 Years of Conveying Excellence
Air and Dry Bulk Processing Equipment*

E-Mail: sales@wmwmeyer.com • Web: www.wmwmeyer.com, www.meyerindustrial.com, or www.meyercontractor.com

Lamb's Machine Works Inc.

Quotation

Quote Walk-in Customer
To:

Quote Number:	090420	Contact:	
Quote Date:	09/04/2020	Expires:	10/04/2020
Customer:	WALK-IN	Inquiry:	
Salesman:	GARY NICHOLSON	Terms:	Prepaid
Ship Via:		Phone:	
FOB:	Origin	FAX:	

THANKS , WE APPRECIATE YOUR BUSINESS

<u>Item</u>	<u>Part Number</u> <u>Description</u>	<u>Revision</u>	<u>Quantity</u>	<u>Price</u>
2	NEW UNIT quote for a new unit. This cost doesnt include any installation.		1	\$10,014.00 /EA
3	FREIGHT there will be inbound freight on the kit or the new unit that can not be estimated.		1	\$0.00 /EA
			Total:	\$10,014.00

By Courtney Beshears
Lamb's Machine Works Inc.