

Georgetown County, South Carolina

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ADDENDUM #2 TO BID #21-029

BID NUMBER: 21-029

ISSUE DATE: Friday, May 28, 2021

OPENING DATE: Wednesday, June 2, 2021

OPENING TIME: 3:30 PM (ET)

Pre-bid Conference & Site Inspection: Voluntary, Monday May 17, 2021 at 3:30 PM –
[CLOSED]

PROCUREMENT FOR: Waverly Park

This addendum will amend **BID #21-029, Waverly Park** originally issued on Wednesday, April 28, 2021. This clarification is being provided to all known and registered correspondents in response to questions received. All addenda and original bid documents are also available online at:
<http://www.georgetowncountysc.org/172/Purchasing>.

QUESTIONS

Question #1: In specification section 310000 Earthwork – 3.2B it states: “Unsuitable material encountered in areas to be paved and under building pads, shall be excavated 2 feet below final grade and replaced with suitable material from site or borrow excavations. Contractor shall notify Engineer if more than 2 feet of excavation is needed to replace unsuitable material.” Due to the significant cost implications can you please clarify if this note is applicable to this project and that the cost for 2’ of undercut at entire referenced area(s) needs to be figured into the base bid?

Response: The note is applicable to this project, based on findings and recommendations per the Geotechnical Report Section 6.1 (Site Preparation) Items 2, 2A and 2B. Contractor shall include cost for all excavation and replacement of unsuitable material, where necessary based on site conditions, in base bid.

Question #2: On drawing AG001 it shows Foam Filled Insulation, however there is no specification section in relation to this. Can you please advise intent regarding foam filled insulation?

Response: There is no “Foam Filled Insulation” on this project.

Question #3: Under Instructions for Bidders Item #21 A., it refers to the Davis Bacon Act requiring specific wage rates for all workers. Can you please confirm that this is correct and if so, can you please provide the applicable wage rate sheets as part of the addendum response? In addition, if federal funding is part of the project funding can you confirm that the local vendor preference is still applicable to this project?

Response: There is no federal funding involved with this project so the Davis Bacon Act will not apply. Yes, local vendor preference is applicable to this project.

Question #4: Can you clarify what is to be painted on the Dugouts, Scoring Towers, and Concession Building and What is to be coated with a Transparent Finish?

Response: Dugout:
Wood roof joists, beams and roof deck – Paint per specification section 09910 3.6 (Exterior Paint Schedule) color 1.
Wood trim and fascia - Paint per specification section 09910 3.6 (Exterior Paint Schedule) color 2.

Score Towers:
Wood roof joists, beams and roof deck – Paint per specification section 09910 3.6 (Exterior Paint Schedule) color 1.
Wood trim and fascia - Paint per specification section 09910 3.6 (Exterior Paint Schedule) color 2.

Concessions:
Interior paint per Paint per specification section 09910 3.7 (Interior Paint Schedule) color 3.
Exterior paint per Paint per specification section 09910 3.6 (Exterior Paint Schedule):
Cement board siding – color 4.
Cement Board trim – color 5.
Brackets, exposed underside of roof, exposed rafters and framing – color 6.

Question #5: Does the counter tops in the Scoring Tower get any type of covering or should it be constructed of a marine grade Plywood?

Response: Yes, to bid as such, with solid edge band all four edges.

Question #6: [A252 -Detail C2] Calls out Notes 20 & 22. Can you provide the notes 20 & 22?

Response: Please see attached “Addendum 2 Drawing A” for notes 20 and 22, along with clarifications for column cap detail dimensions.

Question #7: Please Confirm all associated work with the front parking lot (Earthwork, Drainage, Curb & Gutter, Asphalt, and any other improvements associated with the parking lot is not to be included in this scope of work?

Response: Project Limit Line for this Bid is as shown on Cover Sheet and L100.

Question #8: Is contractor to supply and install Foul Poles, can you provide specification or vendor for the product?

Response: Foul pole information can be found per Detail F5 Sheet L301.

Question #9: Is Electrical Contractor to provide concrete pad(s) for Santee Cooper transformer(s)?

Response: Base Bid should include concrete pad for the three-phase 400A 277/480V service transformer.

Question #10: Are the Sabal Palms to be hurricane cut or refoliated?

Response: Sabal palms are to be hurricane cut.

Question #11: [Section 311210, 2.2 C, 3.4 A.2] is calling for blending inorganic soil conditioners (calcined clay) into the rootzone. Is this correct? If so, what rate should we apply the conditioner?

Response: Apply per manufacturer's recommendations based on site soil conditions.

Question #12: [E100.D] Source of power for fixture E3 in score towers?

Response: Unswitched normal power feed to lighting.

Question #13: [E100 & E200] Confirm all concession emergency/exit fixtures are to be from Panel P1, circuit 34?

Response: Correct.

Question #14: [E100-C&D and E200] Panel P1, circuit 36 is to be power and lighting for all four (4) score towers? Please confirm.

Response: Use circuits 36 and 38, two score towers to each.

Question #15: [E100.A and E200] Panel P1, circuit 40. Location and/or use?

Response: Not used. Please see revised Sheet E200.

Question #16: [E200 one-line] AIC rating for Panel P2?

Response: 10,000

Question #17: [E200 one-line] Confirm location of 120/208V power source for Panel P1.

Response: Power source shall be from exterior disconnect past the meter.

Question #18: [E200 one-line] Details for Service Rated Disconnect for Panel P1, Amperage? Fused? Location at concession building (interior or exterior).

Response: Disconnect for Panel P1 shall be a fused disconnect 225A 2-pole.

Question #19: [ES100 & E200] Site lighting drawings note one (1) quad GFCI at each score tower. Enlarged drawings show 4 GFCIs above counter. Please advise.

Response: Contractor shall provide 4 outlets at counter height (as shown on E100) and 1 outlet at each backstop (as shown on ES100), all of which are accounted for in P1 and P2 panels on E200.

Question #20: [E100] 2" PVC noted from concession mechanical room. Is it separate raceway to each location mentioned or is the intent to go from mechanical room, to score tower, then scoreboard?

Response: Conduit to each, but may be combined into one conduit.

Question #21: [E100] Lighting control panel in mechanical room is noted as for Site lighting, but ES100 & ES200 show location at equipment rack. Please advise.

Response: Please use ES100 for site lighting equipment rack location.

Question #22: [ES200] Panel PP is noted to provide power to well pump. Confirm location of well pump. Is it to be at pump station shown on drawing IR-2?

Response: Well pump shall be located next to Panel PP, as shown on Sheet ES200. Existing pump station shall not be used.

Question #23: [ES200 & E100] Location of switches for pole lighting control wires?

Response: Please see revised Sheet E100.

Question #24: Is the relocation of the playground included in the project?

Response: The existing playground, as shown on C101, shall be relocated by Owner.

Question #25: Please explain the highlighted paragraph shown below included in the Section 00400 Bid Bond. The wording seems odd as we have not entered into a contract with the Owner at this time.

to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns,

jointly and severally firmly by these presents.

WHEREAS, the Principal, on the _____ day of _____, 2021 entered into a

certain Contract with the Owner, hereto attached, for Contract entitled **Bid #21-029, WAVERLY PARK**

NOW THEREFORE, If the Principal shall not withdraw said Bid within NINETY (90) calendar days after

Response: That is the County's standard bid bond form and has never been questioned previously. However, please note that Bidders do not need to use the County's provided Section 00400 Bid Bond form, just a bid bond in the amount of 5% of the total base bid with power of attorney attached. For example, an AIA bid bond would be acceptable.

Question #26:

The grading plan, Sheet C-303, doesn't show the entire site that needs to be graded. Can an additional grading plan be provided to show all of the proposed site?

Response: Sheet C303 shows spot elevations for all proposed work except for the grading of the back pond and proposed roadway. The grading for the back pond is shown on Sheet C301 and the sections and profiles are shown for the roadway.

Question #27: In section 00800 – 4.0 Pavement it states “The Contractor shall be responsible for all roadways adjacent to or on the project site over which his, his agents prime and / or sub-contractors vehicles may travel. The Contractor shall at his sole cost and expense, repair any damage caused by operation of equipment or hauling of debris on any and all roads off of the project site used to travel on.” For this project there will be truck traffic that will obviously produce wear on the roadway. If the roadway is not built properly to withstand this traffic, it will fail and begin to deteriorate. Will the contractor/subcontractor be held responsibility for the public roadways utilized if this begins to happen?

Response: Yes, the contractor/subcontractor will be held responsible if the roadways are damaged.

Question #28: On sheet C-305, the detail for the trench drain shows a concrete deck around it, however, the plans do not show any concrete around the trench drain. Can you provide a detail of how it will need to be installed per plans?

Response: Please see attached “Addendum 2 Drawing B” for revised detail.

REVISIONS

Drawings

Sheet L101: Please see revised L101 for approximate locations of Santee Cooper transformers.

Site Electrical Drawings: Please see revised ES100 and ES200 for revisions to site electrical plan, including the addition of emergency lighting on sports field lighting, and panel schedules.

Sheet ES100 Electrical Notes:

Add the following sentence to Note #7:

“Contractor shall provide structural engineers signed and sealed drawings and structural engineering for the Sport Field Light poles. Engineering shall be based on the current listed applicable loading conditions and as determined by the applicable building codes.

Building Electrical Drawings: Please see revised E100 and E200 for revisions to building electrical plan and panel schedules. Revisions address several RFI questions above.

Specifications

Section 00300 Mandatory Forms:

Add the following sentence to Alternate #1:

“Contractor shall provide structural engineers signed and sealed drawings and structural engineering for the Sport Field Light poles. Engineering shall be based on the current listed applicable loading conditions and as determined by the applicable building codes.”

Section 00300 Mandatory Forms:

Mandatory Bid Submittal Form has been revised to include Alternate #6

SPORTS FIELD LIGHTING: Furnish and install galvanized steel light poles with required connections to concrete base in lieu of wood poles. All portions of the steel pole shall be a minimum of eight (8") inches above grade. Contractor shall provide structural engineers signed and sealed drawings and structural engineering for the Sport Field Light poles. Engineering shall be based on the current listed applicable loading conditions and as determined by the applicable building codes.

ADDITIONAL INFORMATION

Santee Cooper shall be providing power services for the site and leased lighting for the rear parking lot area. Contractor shall be responsible for coordination with Santee Cooper, including installation sequencing. Two services are proposed. Please see revised L101 for approximate service locations. Contractor shall be responsible for meter base for both services (three-phase 400A 277/480V and 225A 120/240V). Please see attached "Addendum 2 Drawing C" showing Santee Cooper approved meter base list. Contractor shall also install concrete pad for the three-phase 400A 277/480V service transformer only, per Santee Cooper's specification.

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**SECTION 00300
(REVISED 5-28-2021) MANDATORY BID SUBMITTAL FORM**

**Waverly Park
Bid #21-029**

The undersigned, on behalf of the vendor, certifies that: (1) this bid is made without previous understanding, agreement or connection with any person, firm or corporation making a bid on the same project; (2) is in all respects fair and without collusion or fraud;(3) the person whose signature appears below is legally empowered to bind the firm in whose name the bid is entered (4) they have read the complete Request for Bid and understand and accept all provisions: (5) if accepted by the County, this bid is guaranteed as written and amended and will be implemented as stated; and (6) mistakes in writing of the submitted bid will be their responsibility.

The undersigned, having visited the site of the Work and having familiarized themselves with local conditions affecting the cost of the work and with all requirements of the proposed Construction Contract Documents, and duly issued Addenda to said documents, as acknowledged herein, propose to furnish and perform all labor, materials, necessary tools, expendable equipment, and all utility and transportation services necessary to perform and complete in a workmanlike manner all work required by said documents and Addenda.

1) Name of Company submitting bid _____

2) **BASE BID PROPOSAL:** Bidder / Proposer agrees to perform all of the work described in the specifications, including allowances, and shown on the drawings, for the sum of:

_____ \$ _____
(words shall govern)

3) **ALTERNATES:**

Alternate #1 SPORTS FIELD LIGHTING: Install concrete lighting poles in lieu of wood lighting poles. Contractor shall provide structural engineers signed and sealed drawings and structural engineering for the Sport Field Light poles. Engineering shall be based on the current listed applicable loading conditions and as determined by the applicable building codes for the sum of:

Add Deduct
_____ \$ _____
(words shall govern)

Alternate #2 HARDWOOD MULCH: Install double-hammered natural brown hardwood mulch in lieu of pine straw throughout project for the sum of:

Add Deduct
_____ \$ _____
(words shall govern)

Alternate #3 CONCRETE SIDEWALK: Install 6’ concrete sidewalk from rear ballfield parking lot to front school parking lot area for the sum of:

Add Deduct
_____ \$ _____
(words shall govern)

Alternate #4 CONCRETE SIDEWALK: Install 8’ concrete sidewalk from intersection of Waverly Rd and Cochran Rd to ballfield park entry plaza for the sum of:

Add Deduct

_____ \$ _____
(words shall govern)

Alternate #5 GRAVEL PARKING: Install gravel in lieu of pervious concrete in parking spaces, as shown on C102. Pervious concrete section on C502 shall still apply, except that 6” gravel shall be used in lieu of 6” pervious concrete for the sum of:

Add Deduct

_____ \$ _____
(words shall govern)

Alternate #6 SPORTS FIELD LIGHTING: Furnish and install galvanized steel light poles with required connections to concrete base in lieu of wood poles. All portions of the steel pole shall be a minimum of eight (8”) inches above grade. Contractor shall provide structural engineers signed and sealed drawings and structural engineering for the Sport Field Light poles. Engineering shall be based on the current listed applicable loading conditions and as determined by the applicable building codes for the sum of:

Add Deduct

_____ \$ _____
(words shall govern)

- 4) For additional work authorized after signing the Contract, the amount of overhead and the amount of profit to be added to base costs of labor and materials shall be (10%) total for overhead and profit on work performed by the Contractor’s own forces and (15%) total on work by Subcontractors.
- 5) **COMPLETION DATE:** Contractor must conform with *Division 0, Section 00750, Summary Schedule and Key Milestones*.
- 6) **LIQUIDATED DAMAGES:** A schedule will be determined with the Owner and the awarded Contractor(s). Liquidated damages will be set at \$500 per day for the Contractor’s failure to meet the agreed upon construction schedule.
- 7) The undersigned affirms that in making such Bid, neither he /she nor any company that they may represent, nor anyone in behalf of him / her or their company, directly or indirectly, has entered into any combination, collusion, undertaking or agreement with any other Bidder or Bidders to maintain the prices of said work, or any compact to prevent any other Bidder or Bidders from Bidding on said Contract or work and further affirms that such bid is made without regard or reference to any other Bidder or Proposer and without any agreement or understanding or combination either directly or indirectly with any other person or persons with reference to such Bidding in any way or manner whatsoever.
- 8) The undersigned, when notified of the acceptance of this Bid, does hereby agree to enter into a Contract with the Owner within five (5) calendar days from the date of the Notice of Award, for the execution of the work described within the period of time allocated, and he / she shall give a Performance Bond and Payment Bond, with good and sufficient surety.

- 9) The undersigned further agrees that if awarded the Contract he /she will commence the work within ten (10) calendar days after the date of the Notice of Award and that he / she will complete the work in accordance with the Summary Schedule and Key Milestones and Substantial Completion date set forth in the Bidding and Contract Documents or such amended date as may be granted. If the undersigned fails to complete the work as provided in the aforementioned schedule, then and in that event, he / she further expressly agrees that, for each day that any phase of work under this Contract remains uncompleted thereafter the Owner may deduct from the Contract price herein specified the stipulated sum of liquidated damages as provided for herein and retain that sum for failure of the undersigned to complete this Contract on or before the expiration of the period shown in the completion schedule.
- 10) The undersigned agrees that the Owner's damages caused by delay are not capable of being established and would be difficult to measure accurately and that the sums herein specified as liquidated damages are not a penalty, but represent the parties' estimate of the actual damages which the Owner would suffer per day if the work is not completed as scheduled.
- 11) In submitting this Bid, it is understood that the right is reserved by the Owner to waive any informality or irregularity in any Bid or Bid guaranty, to reject any and all Bids, to re-Bid, to award or refrain from awarding a contract for the work and to negotiate with the apparent qualified low responsive Bidder to such extent as may be beneficial to the Owner.
- 12) The undersigned attaches hereto a cashier's check, certified check or Bid Bond in the sum five percent (5%) of the total base bid payable to Georgetown County, as required in the Request for Bids, and the undersigned agrees that in case he / she fails within five (5) calendar days after Notice of Award of the Contract to him /her to enter into the Contract in writing and furnish the required Payment and Performance Bonds, with surety or sureties to be approved by Owner, and insurance policies or endorsements, the Owner may, as its option, determine that the undersigned has abandoned his / her rights and interest in such Bid and that the cashier's check, certified check, or Bid Bond accompanying his or her bid has been forfeited. Otherwise, the cashier's check, certified check, or Bid Bond shall be returned to the undersigned upon the execution of the Contract and acceptance of the bonds and insurance, or upon rejection of his / her Bid.
- 13) A Bid shall be considered unresponsive and shall be rejected if it fails to include fully executed statements or if the Bidder fails to furnish required data. When a determination has been made to award the Contract to a specific Contractor, such Contractor shall, prior to award, furnish such other pertinent information regarding his / her own employment policies and practices as well as those of his / her proposed prime contractor, subcontractors and consultants as the Owner may require.
- 14) The Bidder shall furnish similar statements executed by each of his / her prime contractor, first-tier and second-tier subcontractors and consultants whose contracts equal Ten Thousand Dollars (\$10,000.00) or more and shall obtain similar compliance by such prime contractor, subcontractors and consultants before awarding such contracts. No prime contractor or subcontract shall be awarded to any non-complying prime contractor and/or subcontractor.
- 15) It is understood and agreed that all workmanship and materials under all items of work are guaranteed for one (1) year from the date of Final Acceptance, unless otherwise specified.
- 16) The undersigned affirms that he / she has completed all of the blank spaces in the Bid Form, with an amount in words and numbers and agrees that where a discrepancy occurs between the prices

quoted in words and/or in numbers the lowest figure quoted in words shall take precedence and govern when determining final costs or award of the Contract.

- 17) The undersigned affirms that wages not less than the minimum rates or wages, as predetermined for this project by the State of South Carolina were used in the preparation of this "Bid Form".
- 18) **REQUIRED FORMS:** There are specific forms required to be completed and submitted as part of the response to this Invitation for Bids (IFB). The omission, whether inadvertent or not, of any one or more of these forms may cause the Bidder's response to be disqualified. The following forms identified as Exhibits to this IFB, shall be included in the response:

	Bid Form
Exhibit A	Acknowledgement of Addenda
Exhibit B	Non-Collusion Affidavit
Exhibit C	Indemnification
Exhibit D	List of Prime & Subcontractors
Exhibit E	Statement of Experience
Exhibit F	Unit Price Schedule
Exhibit G	Resident Certification for Local Preference
Exhibit H	Exceptions Page Form
Exhibit I	Safety and Security for Solicitations
Bid Bond	5% of total base bid

19) Project Mgr/NTP Contact Address: _____

20) Project Mgr/NTP Contact Person: _____

21) Telephone Number: _____ Fax Number : _____

22) E-Mail address _____

23) Remittance Address: _____

24) A/P Accounting Contact: _____

25) Telephone Number _____ Fax Number: _____

26) E-Mail address: _____

27) **Suspension and Debarment**

Federal guidelines require grant recipients to obtain sufficient assurance that vendors are not suspended or debarred from participating in federal programs when contracts exceed \$25,000. By signing below you verify that no party to this agreement is excluded from receiving Federal contracts, certain subcontracts, and certain Federal financial and nonfinancial assistance and benefits, pursuant to the provisions of 31 U.S.C. 6101, note, E.O. 12549, E.O. 12689, 48 CFR 9.404, and each agency's codification of the Common Rule for Non-

procurement suspension and debarment. [See <https://www.epls.gov/> for additional information.]

28) If the bid is accepted, the required Contract must be executed within fifteen (15) days after receipt of written notice of formal award of Contract and Certificate of Insurance (COI) and Payment and Performance Bonds must be received.

29) Will you honor the submitted prices and terms for purchase by other departments within Georgetown County and/or by other government entities who participate in cooperative purchasing with Georgetown County, South Carolina?

Yes No

30) Acceptance of Invitation for Bid Content: The contents of the successful IFB/RFP are included as if fully reproduced herein. Therefore, the selected contractor must be prepared to be bound by his/her proposal as submitted.

31) RENEWAL OF CONTRACT

The continuation of the terms, conditions, and provisions of any resulting contract beyond the fiscal year is subject to approval and ratification by the Georgetown County Council and appropriation by them of the necessary money to fund said contract for each succeeding year.

32) CERTIFICATION REGARDING DRUG-FREE WORKPLACE:

The undersigned certifies that the vendor listed below will provide a “drug-free workplace” as that term is defined in Section 44-107-30 of the Code of Laws of South Carolina, 1976, as amended, by the complying with the requirements set forth in title 44, Chapter 107.

Yes No

33) Any attempt by the vendor to influence the opinion of County Staff or County Council by discussion, promotion, advertising, misrepresentation of the submittal or purchasing process or any procedure to promote their offer will constitute a violation of the vendor submittal conditions and will cause the vendor’s submittal to be declared null and void.

34) The lowest or any proposal will not necessarily be accepted and the County reserves the right to award any portion thereof. I/We, the undersigned, hereby confirm that all the above noted documents for Bid/Request for Proposal No. 21-029 were received.

35) MINORITY PARTICIPATION [INFORMATION ONLY]

(a) Is the bidder a South Carolina Certified Minority Business?

Yes No

(b) Is the bidder a Minority Business certified by another governmental entity?

Yes No

If so, please list the certifying governmental entity: _____

(c) Will any of the work under this contract be performed by a SC certified Minority Business as a subcontractor?

Yes No

If so, what percentage of the total value of the contract will be performed by a SC certified Minority Business as a subcontractor? _____%

- (d) Will any of the work under this contract be performed by a minority business certified by another governmental entity as a subcontractor?

Yes No

If so, what percentage of the total value of the contract will be performed by a minority business certified by another governmental entity as a subcontractor?
_____%

- (e) If a certified Minority Business is participating in this contract, please indicate all categories for which the Business is certified:

- Traditional minority
- Traditional minority, but female
- Women (Caucasian females)
- Hispanic minorities
- DOT referral (Traditional minority)
- DOT referral (Caucasian female)
- Temporary certification
- SBA 8 (a) certification referral
- Other minorities (Native American, Asian, etc.)

(If more than one minority contractor will be utilized in the performance of this contract, please provide the information above for each minority business.)

- 36) ILLEGAL IMMIGRATION: Non-Construction (NOV. 2008): (An overview is available at www.procurement.sc.gov) By signing your offer, you certify that you will comply with the applicable requirements of Title 8, Chapter 14 of the South Carolina Code of Laws and agree to provide to the State upon request any documentation required to establish either: (a) that Title 8, Chapter 14 is inapplicable to you and your subcontractors or sub-subcontractors; or (b) that you and your subcontractors or sub-subcontractors are in compliance with Title 8, Chapter 14. Pursuant to Section 8-14-60, "A person who knowingly makes or files any false, fictitious, or fraudulent document, statement, or report pursuant to this chapter is guilty of a felony, and, upon conviction, must be fined within the discretion of the court or imprisoned for not more than five years, or both." You agree to include in any contracts with your subcontractors language requiring your subcontractors to (a) comply with the applicable requirements of Title 8, Chapter 14, and (b) include in their contracts with the sub-subcontractors language requiring the sub-subcontractors to comply with the applicable requirements of Title 8, Chapter 14. [07-7B097-1]

37)

INFORMATION ONLY:

- Our company accepts VISA government procurement cards.

If yes, list any upcharge for P-Card Payment? _____

- Our company does not accept VISA government procurement cards.

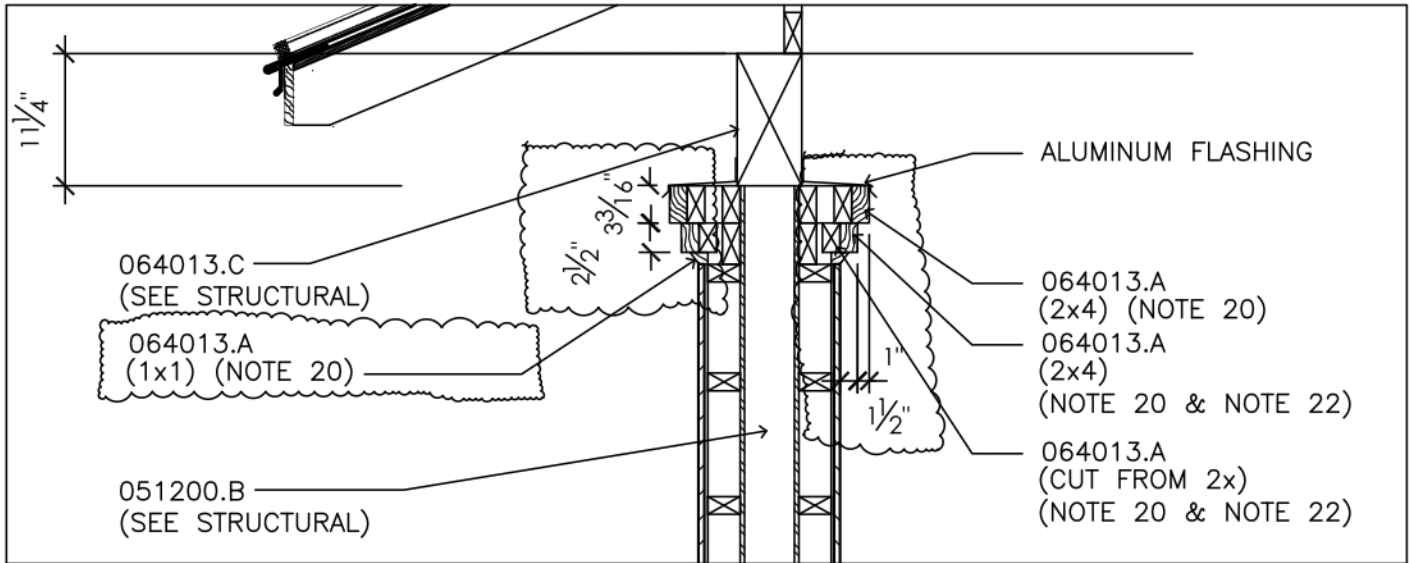
38) Printed Name of person binding bid _____

39) Signature (X) _____

40) Date _____

NOTE: THE ENTIRE IFB PACKET NEED NOT BE RETURNED. Please be sure to provide all mandatory bid submittal forms as requested. Thank you.

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20. PTWD KDAT TRIM CUT TO DIMENSIONS (TREAT ALL CUTS) AND TO BE MITERED AT ALL CORNERS.
 21. NOT USED
 22. PTWD KDAT TRIM CUT TO DIMENSIONS (TREAT ALL CUTS) AND TO BE MITERED AT ALL CORNERS.



(REVISED DETAIL C2 SHEET A252)

GEORGETOWN COUNTY, SOUTH CAROLINA
 BID NO 21-029 WAVERLY PARK
 DATE MAY 27, 2021

ADDENDUM 2 DRAWING A

SGA
 NarmourWright
 DESIGN

1/2" x 1" x 1/4" THICK GRINDING PADS FOR
LEVELING - TYP. 4 OR MORE PLACES

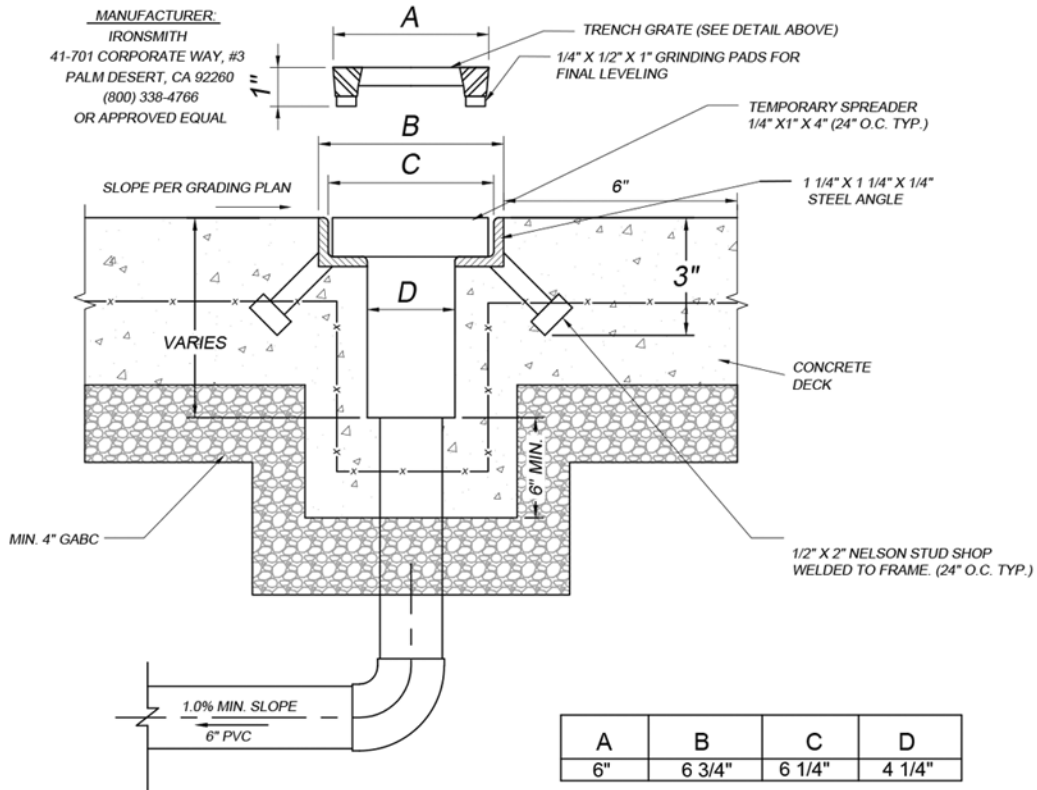
MANUFACTURER:
IRONSMITH
41-701 CORPORATE WAY, #3
PALM DESERT, CA 92260
(800) 338-4766
OR APPROVED EQUAL



MODEL	DIMENSIONS	
	GRATE WIDTH	TRENCH WIDTH
M9059-6	6"	4-1/4"

DECORATIVE TRENCH DRAIN GRATE

N.T.S.



TRENCH DRAIN SECTION
(REVISED DETAIL SHEET C305)

GEORGETOWN COUNTY, SOUTH CAROLINA
BID NO 21-029 WAVERLY PARK
DATE MAY 27, 2021

ADDENDUM 2 DRAWING B

SGA
NarmourWright
DESIGN



Santee Cooper Approved Meter Base List

*GENERATOR
320A COMBOS
MAGYOL HOOFLM
APPROVED OCT. 2020*

Meter Bases	Milbank	Eaton/Cutler-Hammer	Siemens/Talon	Square-D/GE/Midwest *
200A 1-PH	U3850-XL-TG-HSP-PL U1980-O-HSP (UG Only)	1012135CH	UAT777-XG	1012135
200A 1-PH w/By-Pass 5T	U9551-X-QG-HSP	UTE5213UFLCH	40405-025F	UTH5213UFL
200A 3-PH w/By-Pass 7T	U9701-X-QG-HSP	UTE7213UFLCH	40407-025F	UTH7213UFL
320A 1-PH w/By-Pass 5T	U3949-X-HSP	UTH5300TFLCH	47605-02FL	UTH5300TFL
600A 1-PH K-Base 4T	U4664-XT-9507	CH9507K4	9810-9507	
600A 3-PH K-Base 7T	U4667-XT-9504	CH9504K7	9817-9504	
200A 2-Gang	U1252-X-K1	UT2R2332UFLCH	UA2716-ZG or ZGF	UT2R2332UFL
200A 3-Gang	U1253-X-K3	UT3R2332UFLCH	UA3717-ZG or ZGF	UT3R2332UFL
200A 4-Gang	U1254-X-K3	UT4R2352UFLCH	UA4719-ZG or ZGF	UT4R2352UFL
200A 5-Gang	U1255-X-K3	UT5R2392UUFLCH	UA5719-MG or MGF	UT5R2392UUFL
200A 6-Gang	U1256-X-K3	UT6R2392UUFLCH	UA6719-MG or MGF	UT6R2392UUFL

* These item numbers approved for Square-D, GE, and Midwest Electric Products with suffixes SQD, GE, or MEP.

Meter Packs 2 - 6 Gang and Modular Meter Centers with Breakers

Siemens/Talon Uni-Pak, PowerMod
 GE Mini Mod III, Meter Mod III
 Eaton/Cutler-Hammer 1-MP Meter Pack, 1-MM Meter Stack
 Square-D MP Meter PAK, EZ Meter PAK

8/6/2019

GEORGETOWN COUNTY, SOUTH CAROLINA
 BID NO 21-029 WAVERLY PARK
 DATE MAY 27, 2021

ADDENDUM 2 DRAWING C





MATERIAL SUBSTITUTION REQUEST

Bid #21-029, Waverly Park

Date: 5/25/2021

We hereby submit for your review the following PRODUCT SUBSTITUTION of the specified material for the above listed project.

Section: ES000

Paragraph:

Specified Material: Musco Sports Lighting

Attached is complete technical data of the PRODUCT SUBSTITUTION, highlighted or underlined for easy reading, including laboratory test, as necessary, in duplicate. Included is complete information on changes to the Project Manual Documents required by the proposed PRODUCT SUBSTITUTION for its proper installation.

A) The Trade Contractor, under whose transmittal this information is sent, has reviewed the PRODUCT SUBSTITUTION and agrees it is applicable to this project in the location described and agrees to warrant/guarantee the use of the PRODUCT SUBSTITUTION in the same manner he would the Specified Product.

[X] Yes [] No

If not, explain:

B) Does the PRODUCT SUBSTITUTION affect the dimensions shown on the Drawings in ANY WAY?

[] Yes [X] No

If so, how?

C) Does the undersigned have the approval of the Manufacturer/Supplier to pay for any changes to the building design, including engineering and detailing costs, caused by the requested PRODUCT SUBSTITUTION?

[X] Yes [] No

If so, to what extent? Would not impact buildings at all

D) What effect does the PRODUCT SUBSTITUTION acceptance have on other trades?

[X] None [] Don't Know [] As follows:

E) Difference between proposed PRODUCT SUBSTITUTION and the Specified Product? BE SPECIFIC IN DESCRIPTION. (ASTM No., Size, Gauge, Material, Color Availability, Construction)

Provide an option for better spill & glare control, playability, as well as an option to help reduce installation costs / project costs.

(Attach additional pages as required) *Same layout, same light levels*

F) Manufacturer's guarantees and warranties of the PRODUCT SUBSTITUTION and the Specified Product?

Same Different (Explain)

Full 10 year warranty

G) What is the cost differential of the PRODUCT SUBSTITUTION in comparison to the Specified Product?

Same Less Expensive by \$ unknown More Expensive by \$ _____

I) The PRODUCT SUBSTITUTION has been verified by the undersigned with the Manufacturer/Supplier as meeting or exceeding the specifications of the Specified item.

Yes No Waiting for answer.

THE UNDERSIGNED Trade Contractor states that the function, appearance, and quality of the PRODUCT SUBSTITUTION are equivalent or superior to the specified item. In addition, I, as the Trade Contractor will assume all responsibility for any impact or delay the review and evaluation of the alternate product may cause. Your approval of the Substitute Product in no way will relieve me as the Trade Contractor of my responsibilities to conform with all requirements of the Contract Documents.

Submitted By: _____

[Signature]
Signature

Brian Hartman
Printed

FOR USE BY ARCHITECT/ENGINEER:

RECEIVED TOO LATE NOT ACCEPTED APPROVED AS NOTED

FOR BIDDING ONLY, FINAL APPROVAL SUBJECT TO SUBMITTAL DATA IN ACCORDANCE WITH REQUIREMENTS OF CONTRACT DOCUMENTS.

DATE: 05/26/2021

PRINTED NAME: Michael W. Rolison

SIGNATURE: Mike Rolison



MATERIAL SUBSTITUTION REQUEST

Bid #21-029, Waverly Park

Date: 5/25/21

We hereby submit for your review the following PRODUCT SUBSTITUTION of the specified material for the above listed project.

Section: E5000

Paragraph:

Specified Material: Musco Lighting Light Structure System - Approving galvanized steel poles with concrete foundations (no portion of steel at/or below grade).

Attached is complete technical data of the PRODUCT SUBSTITUTION, highlighted or underlined for easy reading, including laboratory test, as necessary, in duplicate. Included is complete information on changes to the Project Manual Documents required by the proposed PRODUCT SUBSTITUTION for its proper installation.

A) The Trade Contractor, under whose transmittal this information is sent, has reviewed the PRODUCT SUBSTITUTION and agrees it is applicable to this project in the location described and agrees to warrant/guarantee the use of the PRODUCT SUBSTITUTION in the same manner he would the Specified Product.

[X] Yes [] No

If not, explain:

B) Does the PRODUCT SUBSTITUTION affect the dimensions shown on the Drawings in ANY WAY?

[] Yes [X] No

If so, how?

C) Does the undersigned have the approval of the Manufacturer/Supplier to pay for any changes to the building design, including engineering and detailing costs, caused by the requested PRODUCT SUBSTITUTION?

[X] Yes [] No

If so, to what extent? Would not impact buildings at all

D) What effect does the PRODUCT SUBSTITUTION acceptance have on other trades?

[X] None [] Don't Know [] As follows:


E) Difference between proposed PRODUCT SUBSTITUTION and the Specified Product? BE SPECIFIC IN DESCRIPTION. (ASTM No., Size, Gauge, Material, Color Availability, Construction)
To take place/substitute for Alternate #4 (Concrete pole), Musco's Light Structure System would provide extra corrosion protection and allow for significant reduction to installation costs.
(Attach additional pages as required)

F) Manufacturer's guarantees and warranties of the PRODUCT SUBSTITUTION and the Specified Product?
 Same Different (Explain)
10 years (up to 25, if approved)

G) What is the cost differential of the PRODUCT SUBSTITUTION in comparison to the Specified Product?
 Same Less Expensive by \$ 15-20% More Expensive by \$ _____

I) The PRODUCT SUBSTITUTION has been verified by the undersigned with the Manufacturer/Supplier as meeting or exceeding the specifications of the Specified item.
 Yes No Waiting for answer.

THE UNDERSIGNED Trade Contractor states that the function, appearance, and quality of the PRODUCT SUBSTITUTION are equivalent or superior to the specified item. In addition, I, as the Trade Contractor will assume all responsibility for any impact or delay the review and evaluation of the alternate product may cause. Your approval of the Substitute Product in no way will relieve me as the Trade Contractor of my responsibilities to conform with all requirements of the Contract Documents.

Submitted By:  Brian Hartman
Signature Printed

FOR USE BY ARCHITECT/ENGINEER:
 RECEIVED TOO LATE NOT ACCEPTED APPROVED AS NOTED
FOR BIDDING ONLY, FINAL APPROVAL SUBJECT TO SUBMITTAL DATA IN ACCORDANCE WITH REQUIREMENTS OF CONTRACT DOCUMENTS.
DATE: 05/26/2021
PRINTED NAME: Michael W. Rolison
SIGNATURE: Mike Rolison

Waverly Park

Georgetown, SC

Lighting System

Pole / Fixture Summary						
Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
A1-A2	60'	60'	3	TLC-LED-1200	3.51 kW	A
		16'	1	TLC-BT-575	0.58 kW	A
A3-A4	60'	60'	3	TLC-LED-1200	3.51 kW	B
		16'	1	TLC-BT-575	0.58 kW	B
A5-A6	60'	60'	3	TLC-LED-1200	3.51 kW	C
		16'	1	TLC-BT-575	0.58 kW	C
A7-A8	60'	60'	3	TLC-LED-1200	3.51 kW	D
		16'	1	TLC-BT-575	0.58 kW	D
B1-B2	70'	70'	5	TLC-LED-1500	7.15 kW	A
		16'	1	TLC-BT-575	0.58 kW	A
B3-B4	70'	70'	5	TLC-LED-1500	7.15 kW	B
		16'	1	TLC-BT-575	0.58 kW	B
B5-B6	70'	70'	5	TLC-LED-1500	7.15 kW	C
		16'	1	TLC-BT-575	0.58 kW	C
B7-B8	70'	70'	5	TLC-LED-1500	7.15 kW	D
		16'	1	TLC-BT-575	0.58 kW	D
16			80		94.48 kW	

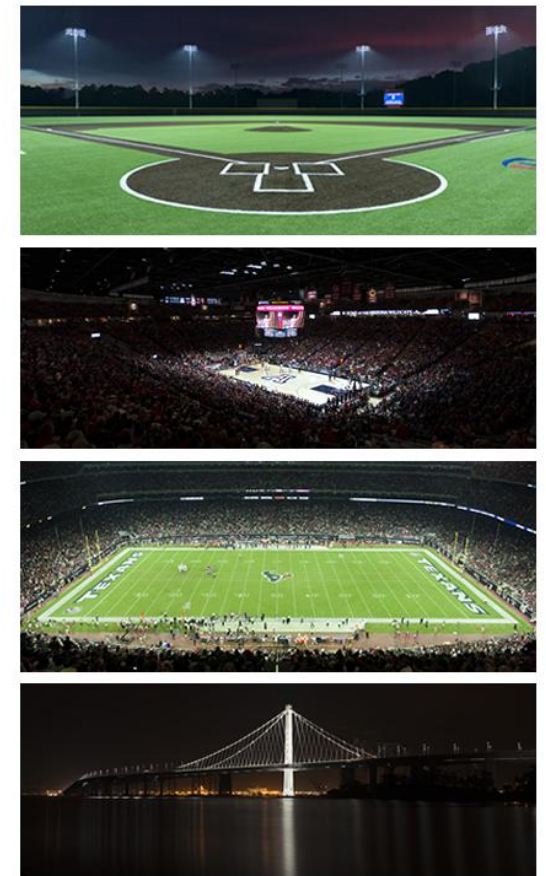
Circuit Summary			
Circuit	Description	Load	Fixture Qty
A	Softball 1	23.62 kW	20
B	Softball 2	23.62 kW	20
C	Softball 3	23.62 kW	20
D	Softball 4	23.62 kW	20

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	24
TLC-LED-1500	LED 5700K - 75 CRI	1430W	160,000	>120,000	>120,000	>120,000	40
TLC-BT-575	LED 5700K - 75 CRI	575W	52,000	>120,000	>120,000	>120,000	16

Light Level Summary

Calculation Grid Summary								
Grid Name	Calculation Metric	Illumination					Circuits	Fixture Qty
		Ave	Min	Max	Max/Min	Ave/Min		
Softball-1 (Infield)	Horizontal Illuminance	53.1	42.4	63.6	1.50	1.25	A	20
Softball-1 (Outfield)	Horizontal Illuminance	31.7	22.2	42.5	1.91	1.43	A	20
Softball-2 (Infield)	Horizontal Illuminance	53.1	42.4	63.6	1.50	1.25	B	20
Softball-2 (Outfield)	Horizontal Illuminance	31.7	22.2	42.5	1.91	1.43	B	20
Softball-3 (Infield)	Horizontal Illuminance	53.1	42.4	63.6	1.50	1.25	C	20
Softball-3 (Outfield)	Horizontal Illuminance	31.7	22.2	42.5	1.91	1.43	C	20
Softball-4 (Infield)	Horizontal Illuminance	53.1	42.4	63.6	1.50	1.25	D	20
Softball-4 (Outfield)	Horizontal Illuminance	31.7	22.2	42.5	1.91	1.43	D	20

From Hometown to Professional



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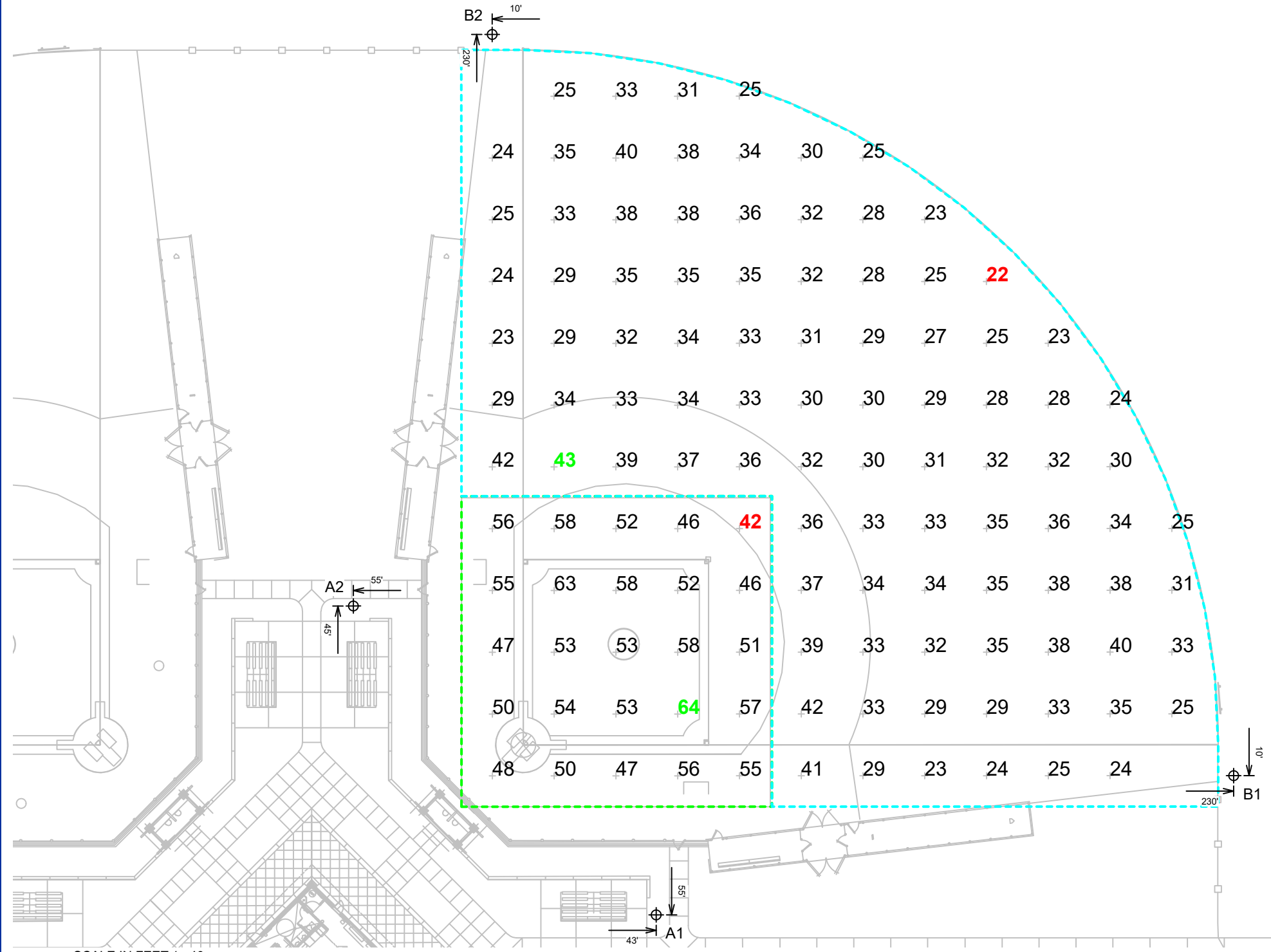
EQUIPMENT LIST FOR AREAS SHOWN							
Pole				Luminaires			
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID
2	A1-A2	60'	-	15.5'	TLC-BT-575	1	1
				60'	TLC-LED-1200	3	3
2	B1-B2	70'	-	15.5'	TLC-BT-575	1	1
				70'	TLC-LED-1500	5	5
4	TOTALS					20	20

Waverly Park

Georgetown, SC

GRID SUMMARY	
Name:	Softball-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:	53.06	31.74
Maximum:	63.6	42.5
Minimum:	42.4	22.2
Avg / Min:	1.25	1.43
Guaranteed Max / Min:	2	2.5
Max / Min:	1.50	1.91
UG (adjacent pts):	1.20	1.46
CU:	0.68	
No. of Points:	25	94
LUMINAIRE INFORMATION		
Applied Circuits:	A	
No. of Luminaires:	20	
Total Load:	23.62 kW	

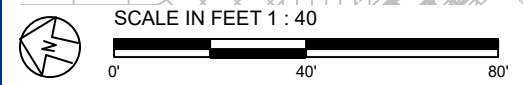


Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

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 #212315A · 13-May-21

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
2	A3-A4	60'	-	15.5'	TLC-BT-575	1	1	0
				60'	TLC-LED-1200	3	3	0
2	B3-B4	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					20	20	0

Waverly Park

Georgetown, SC

GRID SUMMARY

Name: **Softball-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:	53.06	31.74
Maximum:	63.6	42.5
Minimum:	42.4	22.2
Avg / Min:	1.25	1.43
Guaranteed Max / Min:	2	2.5
Max / Min:	1.50	1.91
UG (adjacent pts):	1.20	1.46
CU:	0.68	
No. of Points:	25	94

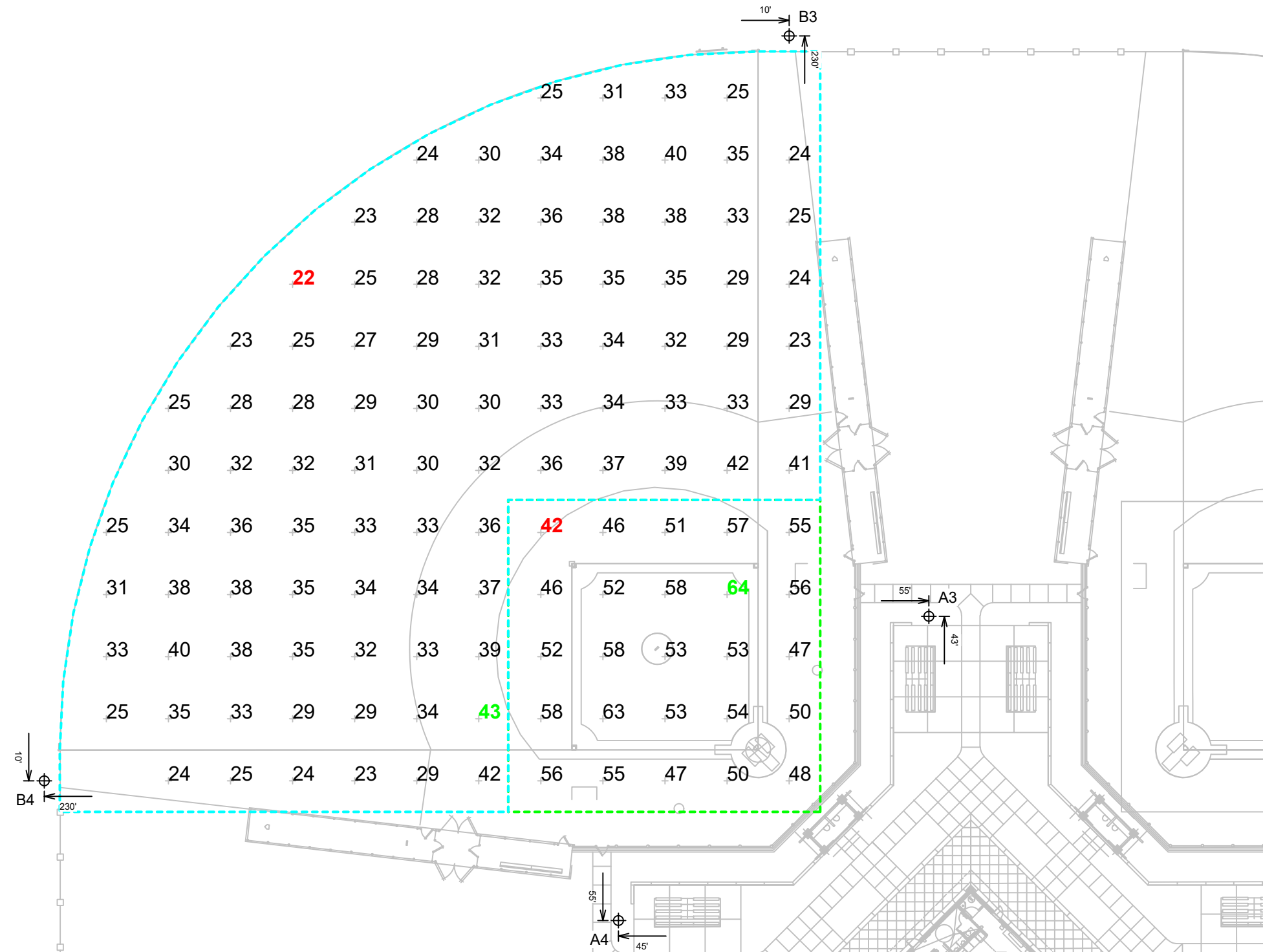
LUMINAIRE INFORMATION	
Applied Circuits:	B
No. of Luminaires:	20
Total Load:	23.62 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

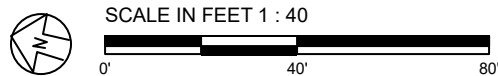
Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

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) ⊗



ENGINEERED DESIGN By: · File #212315A · 13-May-21



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ILLUMINATION SUMMARY

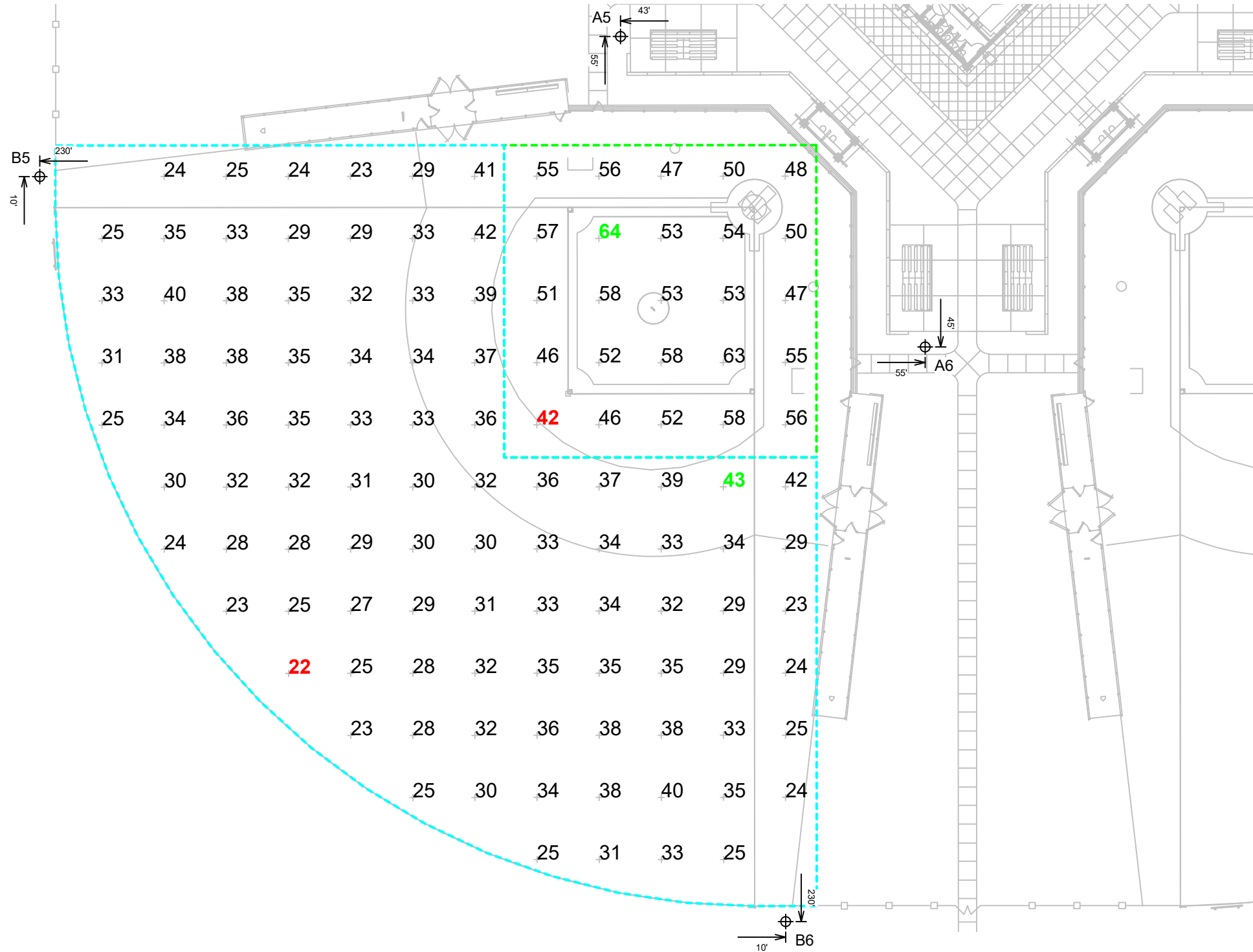
EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	A5-A6	60'	-	15.5'	TLC-BT-575	1	1	0
				60'	TLC-LED-1200	3	3	0
2	B5-B6	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					20	20	0

Waverly Park

Georgetown, SC

GRID SUMMARY	
Name:	Softball-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:	53.06	31.74
Maximum:	63.6	42.5
Minimum:	42.4	22.2
Avg / Min:	1.25	1.43
Guaranteed Max / Min:	2	2.5
Max / Min:	1.50	1.91
UG (adjacent pts):	1.20	1.46
CU:	0.68	
No. of Points:	25	94
LUMINAIRE INFORMATION		
Applied Circuits:	C	
No. of Luminaires:	20	
Total Load:	23.62 kW	

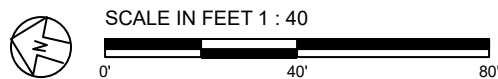


Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

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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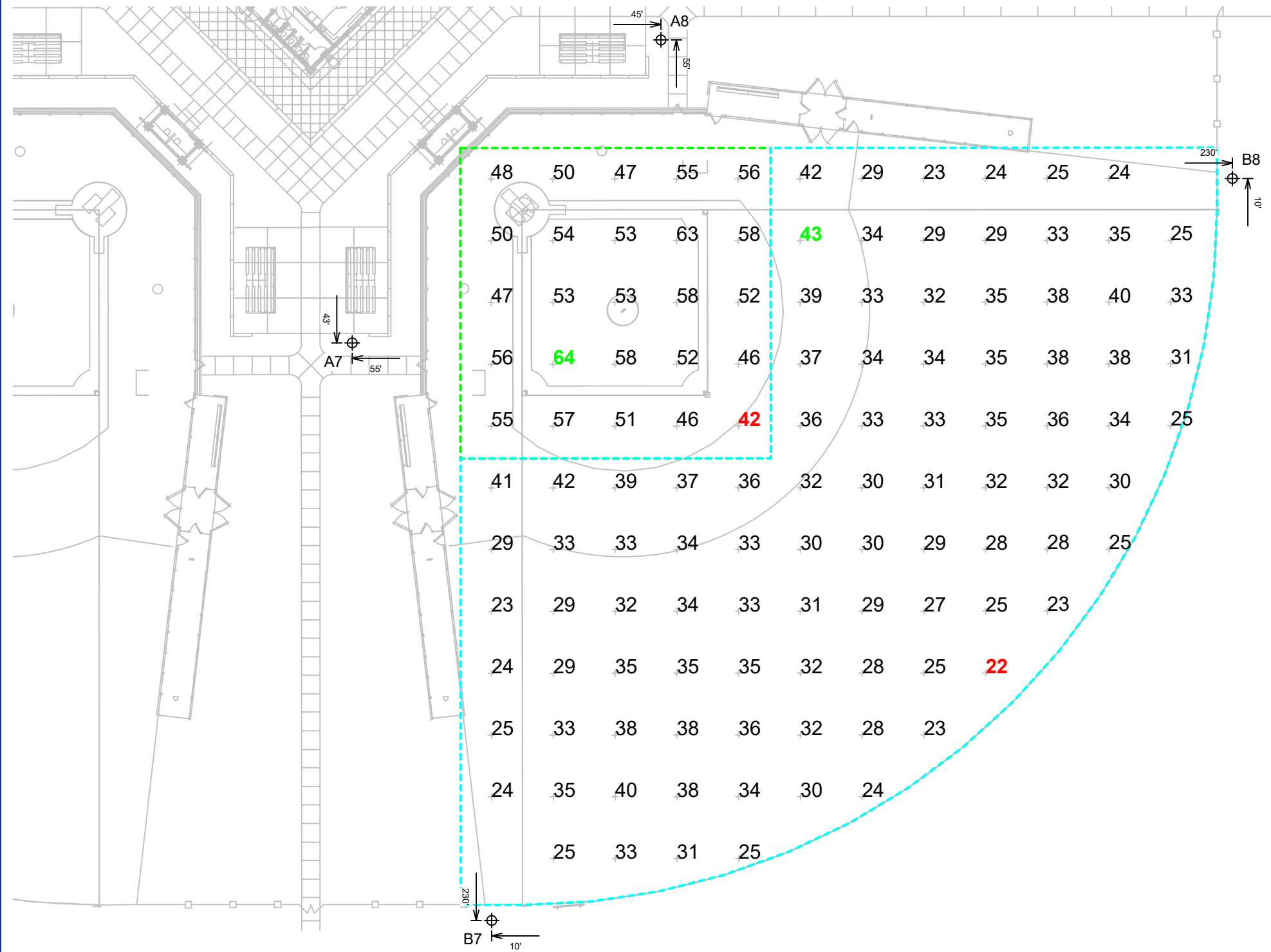
EQUIPMENT LIST FOR AREAS SHOWN								
Pole			Luminaires					
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	A7-A8	60'	-	15.5'	TLC-BT-575	1	1	0
				60'	TLC-LED-1200	3	3	0
2	B7-B8	70'	-	15.5'	TLC-BT-575	1	1	0
				70'	TLC-LED-1500	5	5	0
4	TOTALS					20	20	0

Waverly Park

Georgetown, SC

GRID SUMMARY	
Name:	Softball-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:	53.06	31.74
Maximum:	63.6	42.5
Minimum:	42.4	22.2
Avg / Min:	1.25	1.43
Guaranteed Max / Min:	2	2.5
Max / Min:	1.50	1.91
UG (adjacent pts):	1.20	1.46
CU:	0.68	
No. of Points:	25	94
LUMINAIRE INFORMATION		
Applied Circuits:	D	
No. of Luminaires:	20	
Total Load:	23.62 kW	

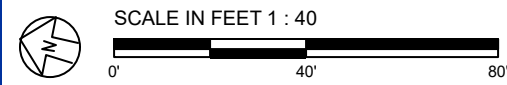


Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

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 #212315A · 13-May-21

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗



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ILLUMINATION SUMMARY

Waverly Park

Georgetown, SC

EQUIPMENT LAYOUT

INCLUDES:
 · Softball-1
 · Softball-2
 · Softball-3
 · Softball-4

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

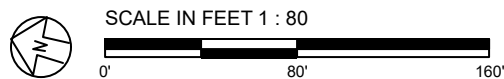
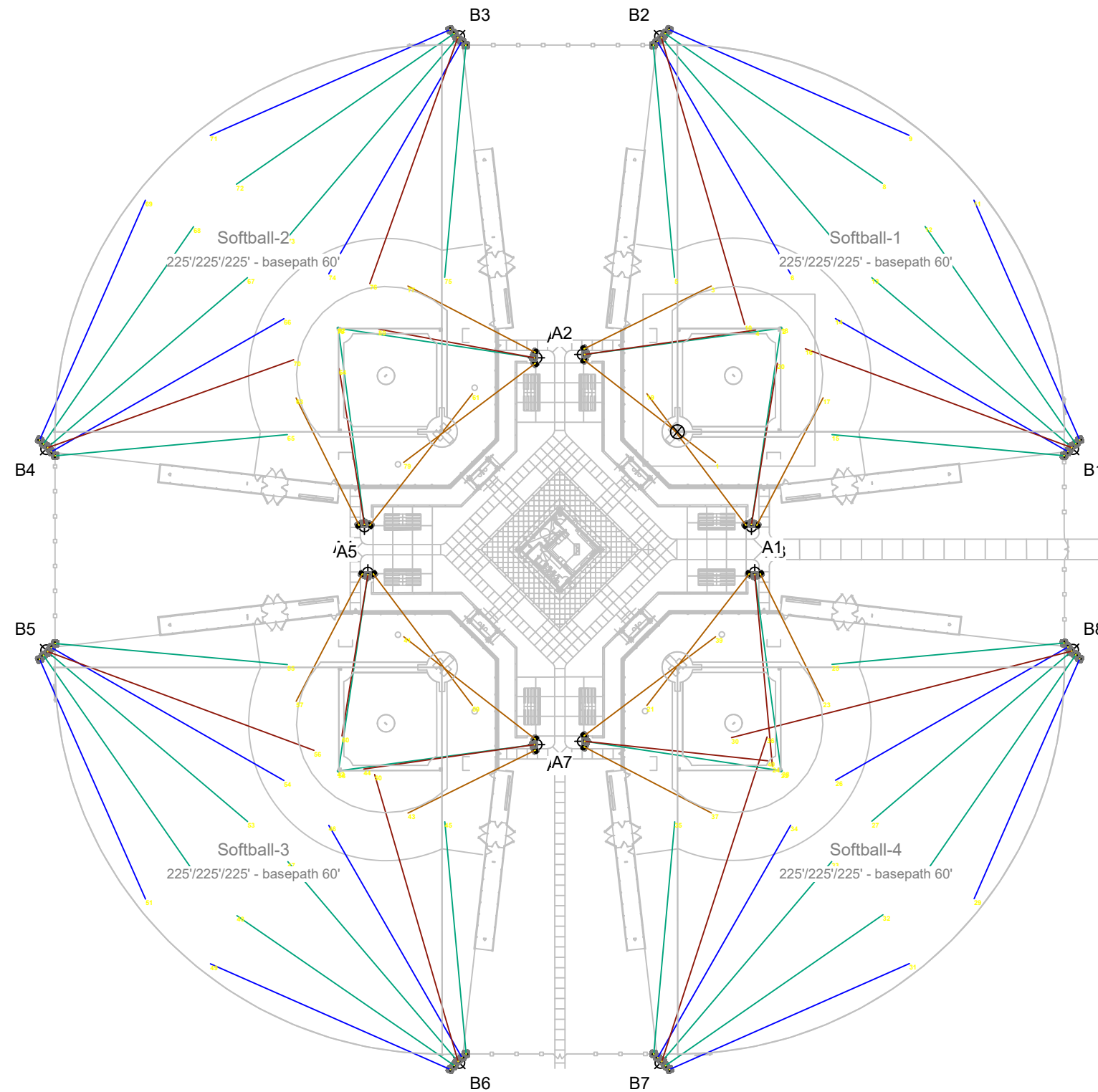
Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

EQUIPMENT LIST FOR AREAS SHOWN

QTY	LOCATION	Pole		Luminaires		
		CLASS	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE
8	A1-A8	LSS60B	-	15.5'	TLC-BT-575	1
				60'	TLC-LED-1200	3
8	B1-B8	LSS70D	-	15.5'	TLC-BT-575	1
				70'	TLC-LED-1500	5
16	TOTALS					80

SINGLE LUMINAIRE AMPERAGE DRAW CHART

Ballast Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)						
	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
Single Phase Voltage							
TLC-LED-1200	7.0	6.6	6.1	5.2	4.2	4.0	3.0
TLC-LED-1500	8.5	8.1	7.4	6.4	5.1	4.7	3.7
TLC-BT-575	3.4	3.2	2.9	2.5	2.0	1.8	1.5



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Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗



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MATERIAL SUBSTITUTION REQUEST

Bid #21-029, Waverly Park

Date: 5/26/21

We hereby submit for your review the following PRODUCT SUBSTITUTION of the specified material for the above listed project.

Section: 323114

Paragraph: _____

Specified Material: Chain link backstops

Attached is complete technical data of the PRODUCT SUBSTITUTION, highlighted or underlined for easy reading, including laboratory test, as necessary, in duplicate. Included is complete information on changes to the Project Manual Documents required by the proposed PRODUCT SUBSTITUTION for its proper installation.

A) The Trade Contractor, under whose transmittal this information is sent, has reviewed the PRODUCT SUBSTITUTION and agrees it is applicable to this project in the location described and agrees to warrant/guarantee the use of the PRODUCT SUBSTITUTION in the same manner he would the Specified Product.

Yes No

If not, explain: _____

B) Does the PRODUCT SUBSTITUTION affect the dimensions shown on the Drawings in ANY WAY?

Yes No

If so, how? Change backstop design to netting.

C) Does the undersigned have the approval of the Manufacturer/Supplier to pay for any changes to the building design, including engineering and detailing costs, caused by the requested PRODUCT SUBSTITUTION?

Yes No

If so, to what extent? Proposed backstop would be design build.

D) What effect does the PRODUCT SUBSTITUTION acceptance have on other trades?

None Don't Know As follows:

Change scope of fences and gates

E) Difference between proposed PRODUCT SUBSTITUTION and the Specified Product? BE SPECIFIC IN DESCRIPTION. (ASTM No., Size, Gauge, Material, Color Availability, Construction)
Change backstop stop fence to provide great visability for fans. Poles could be moved out the fans field of vision

(Attach additional pages as required)

F) Manufacturer's guarantees and warranties of the PRODUCT SUBSTITUTION and the Specified Product?
 Same Different (Explain)

G) What is the cost differential of the PRODUCT SUBSTITUTION in comparison to the Specified Product? Typically, netting system are less expensive.
 Same Less Expensive by \$ _____ More Expensive by \$ _____

I) The PRODUCT SUBSTITUTION has been verified by the undersigned with the Manufacturer/Supplier as meeting or exceeding the specifications of the Specified item.
 Yes No Waiting for answer.
N/A - Proposing different system.

THE UNDERSIGNED Trade Contractor states that the function, appearance, and quality of the PRODUCT SUBSTITUTION are equivalent or superior to the specified item. In addition, I, as the Trade Contractor will assume all responsibility for any impact or delay the review and evaluation of the alternate product may cause. Your approval of the Substitute Product in no way will relieve me as the Trade Contractor of my responsibilities to conform with all requirements of the Contract Documents.

Submitted By:  Digitally signed by Tom Pankey
DN: cn=Tom Pankey, o=Containment Systems, ou,
email=tpankey@csnetting.com, c=US
Date: 2021.05.26 12:48:58 -05'00'
Signature _____ Tom Pankey _____
Printed

FOR USE BY ARCHITECT/ENGINEER:

RECEIVED TOO LATE NOT ACCEPTED APPROVED AS NOTED

FOR BIDDING ONLY, FINAL APPROVAL SUBJECT TO SUBMITTAL DATA IN ACCORDANCE WITH REQUIREMENTS OF CONTRACT DOCUMENTS.

DATE: 5/26/2021

PRINTED NAME: Michael W. Rolison

SIGNATURE: Mika Rolison

-Maintenance and cost concerns for Park Department staff and budget.
-Does not comply with existing facilities in similar situations.



*401 Lincoln St.
Everson, WA 98247
Phone-800.459.2147
Fax-800.330.7980
www.cnwnetting.com*

PRODUCT NAME

#24 Twisted Knotted Nylon Netting
3.625" Stretch Mesh
Netting Cut and Hung Square to form Approx. 1.75" by 1.75" Openings

SPECIFICATIONS

YARN: High Tenacity Type 6 Industrial Grade Nylon Filament
CONSTRUCTION: 3 strand, Z twist primary into S twist secondary
YIELD: 38 Square Feet to Pound
TENSILE: 250 pound minimum

NETTING SPECIFICATIONS

COLOR: Pressure Dyed Black
FINISH: Urethane Bonded for extra Abrasion & UV Resistance

ROPE

DIAMETER: 5/16" Braided Polyester
COLOR: Black
TENSILE: Approx: 3000 Pounds

HANGING TWINE

#36 Round Braid
TENSILE: 340 Pounds
COLOR: Perma Black Nylon Filament