



Solicitation Information
30 May 2012

Addendum #2

RFP # 7449753

TITLE: Field Lighting System Replacement Project @ McCoy Stadium.

Submission Deadline: 6 June 2012 @ 11:30 AM (EDT)

THE ATTACHED INFORMATION AMENDS RFP #7449753, PROVIDES ADDITIONAL INFORMATION, ANSWERS VENDOR QUESTIONS AND SUMMARIZES THE MANDATORY PRE-BID MEETING HELD ON 5/24/12.

A handwritten signature in black ink, appearing to read "Jerome D. Moynihan".

Jerome D. Moynihan, C.P.M., CPPO
Assistant Director for Special Projects



ADDENDUM NUMBER TWO

to the
PROJECT MANUAL
for

Rhode Island Department of Purchasing Bid Number 7449753

This Addendum modifies, amends and supplements designated parts of the Contract Documents for the project identified as Field Lighting System Replacement Project, at McCoy Stadium, in Pawtucket, Rhode Island. This Addendum is dated May 29, 2012 and is hereby made part thereof by reference, and shall be as binding as though inserted in its entirety in the locations designated hereunder. It shall be the responsibility of the Contractor to notify all subcontractors, vendors, and suppliers he proposes to use for the various parts of the work of any changes or modifications contained in this Addendum. No claim for additional compensation due to lack of knowledge of the contents of this Addendum will be considered.

A. Changes to the Project Manual

1. Table of Contents –
 - a. The Table of Contents was added to the listing and all changes are shown in **bold** lettering..
 - b. Specification Section 012600 was updated to reflect that no separate cover pages were provided for each AIA document referenced under this section.
 - c. Specification Section 260519 – Low Voltage Wiring Requirements was added to the Table of Contents
 - d. An updated Table of Contents (3 pgs) has been provided with this Addendum as well as section 260519 (3 pgs.) .
2. Specification Section 26000 – Section 3.1 General, Paragraph C:
 - a. *Delete the existing paragraph and replace with the following:
“The scope also includes the replacement of the existing pole mounted 1500Watt quartz fixtures and lamps, including all work to disconnect and install new fixtures. The existing quartz fixtures are in banks of 6 fixtures per pole at six existing locations on poles B1, B2, C1, C2, D1 & D2. The quartz fixtures are powered at 277 volts from the same panel as the field lights and are on a 15-minute delayed shut off timer (15 minutes following energizing of the field lighting fixtures, the quartz fixtures shut off automatically).”*
3. Specification Section 26000 – Section 3.2 Lumination Requirements, Paragraph A:
 - a. *Change 1. Minimum Infield Lighting Level to 1. Minimum Average Infield Lighting Level*
 - b. *Change 3. Minimum Outfield Lighting Level to 3. Minimum Average Outfield Lighting Level*
 - c. *Change Minimum Bullpen Lighting Levels – 50 Foot Candles (FC) to Minimum Average Bullpen Lighting Level – 35 Foot Candles (FC).*



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B. Changes to the Contract Drawings

None

C. Changes to the Exhibits

Exhibit C – Record Drawings / Original Lighting System Installation

Two supplementary sketches have been provided to indicate that the rotation of the cross arms for pole D1 are not in a standard orientation to the field of play. OA Sketch -01 and 02 are provided which indicate the anchor bolts for the original pole orientation, planned to allow the cross arms to be 31 degrees off parallel (clockwise rotation) with the 1st base line, were incorrectly placed. This resulted in the orientation of the fixture cross arms being approximately 16 degrees off parallel with the 1st base line. The Contractor shall take this existing condition into account when designing the lighting system.

D. Bidder Questions

Question One:

In section 3.2, letter A, minimum lighting levels are called out. Are these minimum light levels an average or is the intent of the spec such that no point may fall below these numbers?

Answer:

The light levels specified should be minimum average light levels for infield, outfield, bullpens and for foul territory areas. Only in the area identified behind second base are minimum light levels, by specific grid point, to be maintained. See modification to specification section 26000 provided in this Addendum.



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Question Two:

Are the 1500W quartz fixtures to be included in the maximum kilowatt consumption at each pole?

Answer:

The 1500 Watt quartz fixtures are powered from the same panel, however via separate circuits. The KW consumption values shown on the existing USL documents provided in Exhibit C are assumed to be for only the metal halide field lighting fixture circuits feeding each pole. This will be confirmed and a separate Addendum will be issued if required to make any corrections.

Question Three:

Please confirm that electrical at the site is 480 volt 3 phase.

Answer:

During the site tour, and as shown on the power panel schedules provided with the bidding documents, both field lighting panels FL-1 and FL were reviewed and noted to be 480 volt, 3 Phase panels. The quartz lighting breakers and circuits were noted within each panel and on single pole circuits of 277 volts. However, it is the responsibility of the bidder to confirm all existing conditions, which was the purpose of the mandatory pre-bid conference and walk-thru. Should there be any variation in the information provided herein, the field conditions will govern and the Contractor will have no basis for a claim for additional costs from the Owner.

END OF ADDENDUM



**Fiscal Year 2012 Maintenance, Repairs and Improvement Program
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Cover Sheet			
Table of Contents			
	TOC	3	5/29/2012 *
Bidding Documents			
00020	Invitation to Bid	2	5/11/2012
00100	Instructions to Bidders – AIA A701-1997	1	5/11/2012
00300	Bid Form	1	5/11/2012
00400	Bid Security Form – Bid Bond – AIA A310-1970	1	5/11/2012
00410	Contractor’s Qualification Statement – AIA A305-19865/11/2012	1	5/11/2012
00430	Prevailing Wages Rates	1	5/11/2012
Contract Documents			
00500	Agreement Form – AIA A101-2007	1	5/11/2012
00600	Performance Bond and Payment Bond – AIA A312-1984	1	5/11/2012
00630	Application for Payment – AIA G702 & G703	1	5/11/2012
00700	General Conditions of the Contract for Construction – AIA A201-2007	1	5/11/2012
00810	Certificate of Insurance	1	5/11/2012
00830	Contractor’s Affidavit of Release of Liens	1	5/11/2012
Division 01 – General Requirements			
011000	Summary of Work	5	5/11/2012
012600	Contract Modification Procedures <i>Change Order / AIA G701-2001*</i> <i>Work Changes Proposal Request / AIA G709-2001*</i> <i>Architect’s Supplemental Instructions / AIA G710-1992*</i> <i>Construction Change Directive / AIA G714-2001*</i>	3	5/11/2012
012900	Payment Procedures	5	5/11/2012
013100	Project Management and Coordination	9	5/11/2012
013200	Construction Progress Documentation	8	5/11/2012



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013233	Photographic Documentation	3	5/11/2012
013300	Submittal Procedures	11	5/11/2012
014000	Quality Requirements	7	5/11/2012
014200	References	8	5/11/2012
015000	Temporary Facilities and Control	9	5/11/2012
016000	Product Requirements	3	5/11/2012
017300	Execution	6	5/11/2012
017329	Cutting and Patching	5	5/11/2012
017419	Construction Waste Management and Disposal	3	5/11/2012
017700	Closeout Procedures	- 5	5/11/2012
017823	Operation and Maintenance Data	5	5/11/2012
017839	Project Record Documents	4	5/11/2012
Division 26 – Electrical Specification			
260000	Field Lighting System Requirements	5	5/11/2012
260519	Low Voltage Wiring Requirements	3	5/24/2012*



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<i>Section No.</i>	<i>Section Title</i>	<i>Pages</i>	<i>Date</i>
Exhibits			
	<u>Exhibit A – 2010 McCoy Stadium Field Lighting Survey</u> Gould Evans Associates LLC Report	5	9/22/2010
	<u>Exhibit B – Rule 58</u> Minor League Facility Standards & Compliance Inspection Procedures Partial Standard provided as Exhibit – (pages 1 – 6, and 18 only) dated January 2005		
	<u>Exhibit C – Record Drawings / Original Lighting System Installation by USL</u>		
	<u>Exhibit D – Record Drawings from 1999 Renovation (Partial Set / Field Lighting System).</u>		
	S.1 Berm Plan		
	S5.1 Enlarged Press Box		
	A1.0 Baseball Field Layout		
	A1.01 Seating Layout		
	5A1.2 Berm Level Sector 5		
	6A1.2 Berm Level Sector 6		
	1A1.4 Roof Plan - Sector 1		
	A2.1 New Building Elevations		
	A2.2 Entry Building Elevations		
	A5.6 Partial Plan @ New Grandstand		
	1E1.3.1 Upper Level Lighting Plan Sector 1		
	2E1.3.1 Upper Level Lighting Plan Sector 2		
	3E1.3.1 Upper Level Lighting Plan Sector 3		
	4E1.3.1 Upper Level Lighting Plan Sector 4		
	E2.1 Berm Centerfield Concession Toilet Building Lighting and Power Plan		
	E2.2 Right Field Ground Level and Concession Toilet Building Lighting and Power Plan		
	E3.1 Electrical Site Plan		
	E4.1 Notes Legend and Fire Alarm One Line Riser Diagram		
	E5.1 Panel Board Schedules		
	E5.2 Lighting Fixtures and Panel Board Schedules		
	E6.1 Site Details		
	E7.1 One Line Riser Diagram		

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HEERY

Project: MCCOY STADIUM – FIELD LIGHTING SYSTEM REPLACEMENT PROJECT
Project No: State of Rhode Island Department of Purchasing Bid Number 7449753
Meeting No: 01 /
Date / Location / Time: May 24, 2012 / 10AM / Pawtucket Red Sox Administrative Offices, Pawtucket, RI
Tom Ellis
Purpose: Mandatory Pre-Bid Conference
File: A02-00-MTG_MIN

MEETING MINUTES

ATTENDEES

<i>Name</i>	<i>Affiliation / Company</i>	<i>Initials</i>
Jerome D. Moynihan, C.P.M., CPPO	State of Rhode Island Department of Purchasing	JM
Marco Schiappa Associate Director	State of Rhode Island, Department of Administration	MS
Arthur Jochmann	State of Rhode Island, Department of Administration	AJ
Mick Tedesco, Vice President	Pawtucket Red Sox	MT
Mark Lydon	Heery International, Inc.	ML
Tom Ellis	Heery International, Inc.	TE
<u>CONTRACTORS / VENDORS</u>		
Fred Colucci	Rayco Electric Corporation	
Dave Kirk	K Electric	
Jeff Audel	E.W. Audel	
Mart Mesale	Vanguard Hubbell	
Marv Bloem	Musco Lighting	
<i>Additional Distribution</i>		
<i>Name</i>	<i>Affiliation / Company</i>	
Michael A. Tamburro, President	Pawtucket Red Sox	

The conference was opened by Mr. Moynihan at 10:10 AM. It was noted that this is a mandatory pre-bid conference and that it is a requirement of the bidding process that the companies bidding on the project be present at this meeting. Mr. Moynihan noted that attendance shall mean anyone representing a company who signs in on the attendance sheet prior to the conference being closed as the end of this session shall be considered present and recognized as having met the bidding requirements for attendance. Mr. Moynihan reviewed the general requirements for the submission of bids, including anticipating potential delays due to traffic, weather and other unanticipated requirements. Bids are due on June 6, 2012 at 11:30AM, with the official time as posted by the Department of Purchasing.

CONFERENCE SUMMARY

<i>- Item</i>	<i>Discussion / Action Item</i>	<i>Responsibility</i>	<i>Deadline</i>
001	Submission of Questions: Mr. Moynihan noted that all questions not asked during this session, and acknowledged by the State, shall be submitted in writing via e-mail to the State of Rhode Island Department of Purchasing prior to 4PM tomorrow, Friday, May 25 th . The e-mail address is: questions@purchasing.ri.gov .		5/26/2012 4PM

002

Performance Specification Review

Heery reviewed the overall requirements of the project, including the fact that this project is specified to meet the lighting performance levels required by Minor League Baseball as stipulated in the bidding documents. The Owner has provided all known data about the existing lighting system, which includes but is not limited to the location and height of the steel poles and the existing power capacity of each circuit for each pole. It is anticipated that the new lighting fixtures will consume no more than the existing lighting fixtures on each pole. Each Contractor shall determine the appropriate type of fixture and lamp they will provide to meet the lighting level requirements specified, including the ballast requirements for each pole/fixture. Currently remote ballasts exist on the A1 and A2 poles, with all other fixtures utilizing integral fixture ballasts. The Contractor may install remote ballasts on each pole in conjunction with the replacement of the 'drop cabling' within each pole. It was specifically noted that the Contractor shall acknowledge the low light levels in the left field corner and that additional lighting fixtures may be needed to address this problem due to the shadows from the entry tower adjacent to the B1 pole location.

003

Low Voltage Wiring Specification:

Heery (TE) distributed a hard copy of the 'drop cabling' specification for the wiring within the pole connecting the light fixtures and the primary feeder cables which are terminated/connected at the hand holes. Specification Section 260519 –Low Voltage Cables, dated May 24, 2012, was distributed at this meeting and was also posted under Addendum #1 on the Department of Purchasing website.

004

Existing Lighting Pole Inspection

It is the expectation of the State of Rhode Island that a structural inspection of the existing steel poles and steel dunnage beams on the canopy roof will occur prior to the start of the work under this contract to confirm the structural integrity of the poles. Minor repairs on the B1 pole anchor bolt connection will take place concurrent with this inspection.. A final report will be made available to the successful bidder prior to the start of their work.

005

Storage of Equipment on Site

The Contractor will be allowed to store equipment within the confines of the stadium to the extent allowed by the Pawtucket Red Sox so as to not interfere with the off-season maintenance and operation of the facility. *[Additional requirements are noted which relate to the storage of materials on site - Allowing storage of materials within the stadium does not make the Owner responsible and/or liable for the storage of this material nor does it relieve the Contractor of properly insuring and securing the materials against theft, damage or any other type of loss, should that occur. The Pawtucket Red Sox shall have the final approval of the location, including the amount of area required for material storage, including weight and protection of existing surfaces from damage adjacent to the material being stored. All material shall be kept in a clean, orderly arrangement at all times. The Contractor shall clean up all storage areas at the end of each day and dispose of all crating and packing material in their own dumpsters, or it shall be removed completely from the site each day by the Contractor.]*

006

Confirmation of Lighting Level Performance Under this Contract

Upon completion of the Contract scope the Contractor shall notify the Owner that the project is Substantially Complete and ready for inspection by the Owner, the PawSox and all project consultants, to confirm that all of the performance requirements of the Contract have been met prior to achieving Final Completion.. The lighting system performance shall also be subject to compliance with all lighting level guidelines of Minor League Baseball prior to the beginning of the 2013 season and any time during the six year performance period. Any deficiencies shall be immediately corrected. All equipment used by the Contractor to show compliance with lighting levels shall be properly calibrated within the past 12 months.

SITE TOUR

Mtg - Item Discussion / Action Item Responsibility Deadline

- 001 **Inspection of Main Electrical Room** – The tour started with an inspection of the main electrical room to view field lighting panel FL-1.
- 002 **Tour of Canopy Roof / A1 & A2 Poles** – The tour proceeded to the main roof canopy. It was noted that the Contractor shall be able to access the A1/A2 poles from the warning track below. The Contractor can utilize standard crane/lift equipment to the extent that no damage occurs to the playing field. Damage is not only limited to damage to the grass surface, but also drainage and sprinkler systems which are in place within the area of play.
- It was noted during the tour that the existing remote ballast cabinets for the A1 and A2 poles are mounted on galvanized angle frames and mounted on wood bases which are not firmly attached to the roof and/or steel dunnage. The scope of the Work shall include providing new ballast cabinets which shall be permanently mounted to a frame which is securely attached to the steel roof dunnage which supports the light poles. The Contractor shall provide new feeders within new flexible, weather proof conduit (e.g.-Liquid-Tight) between the ballast cabinets and the light poles.
- All light poles and fixtures were reviewed from the canopy roof by the attendees. All participants concurred that there was no need to inspect each pole / fixture assembly from the base of each pole.
- 003 **Inspection of Centerfield Building Electrical Panels**– The tour proceeded to the centerfield building, lower level to inspect field lighting panel FL.

Upon the completion of the site tour, most of the attendees returned to the meeting room to close the conference.

Clarification of Bidding Companies and Contractor Experience

The State of Rhode Island clarified that for the purpose of meeting the bidding requirements relative to attendance at the Pre-Bid Conference, only the companies represented at this meeting will be allowed to submit a bid on this project. However, as for meeting the professional and industry specific experience outlined in the project documents, the term Contractor shall be the firm or company submitting the bid and include any of the vendors, suppliers and/or subcontractors on their project team. Each bidder shall clearly identify how their project team meets the experience requirements outlined by identifying specific projects, staff and years experience and all other requirements of each team member and/or vendor to show compliance with the project requirements in total.

The conference was closed at 11:20AM

ATTACHMENTS

No.	Item	Dated	Action Required
1.	Pre-Bid / Pre-Proposal Conference Attendance Sheet	5/24/2012	(Included with Addendum #1)
2.	Specification Section 260519 –Low Voltage Cables - 3pgs.	5/24/2012	

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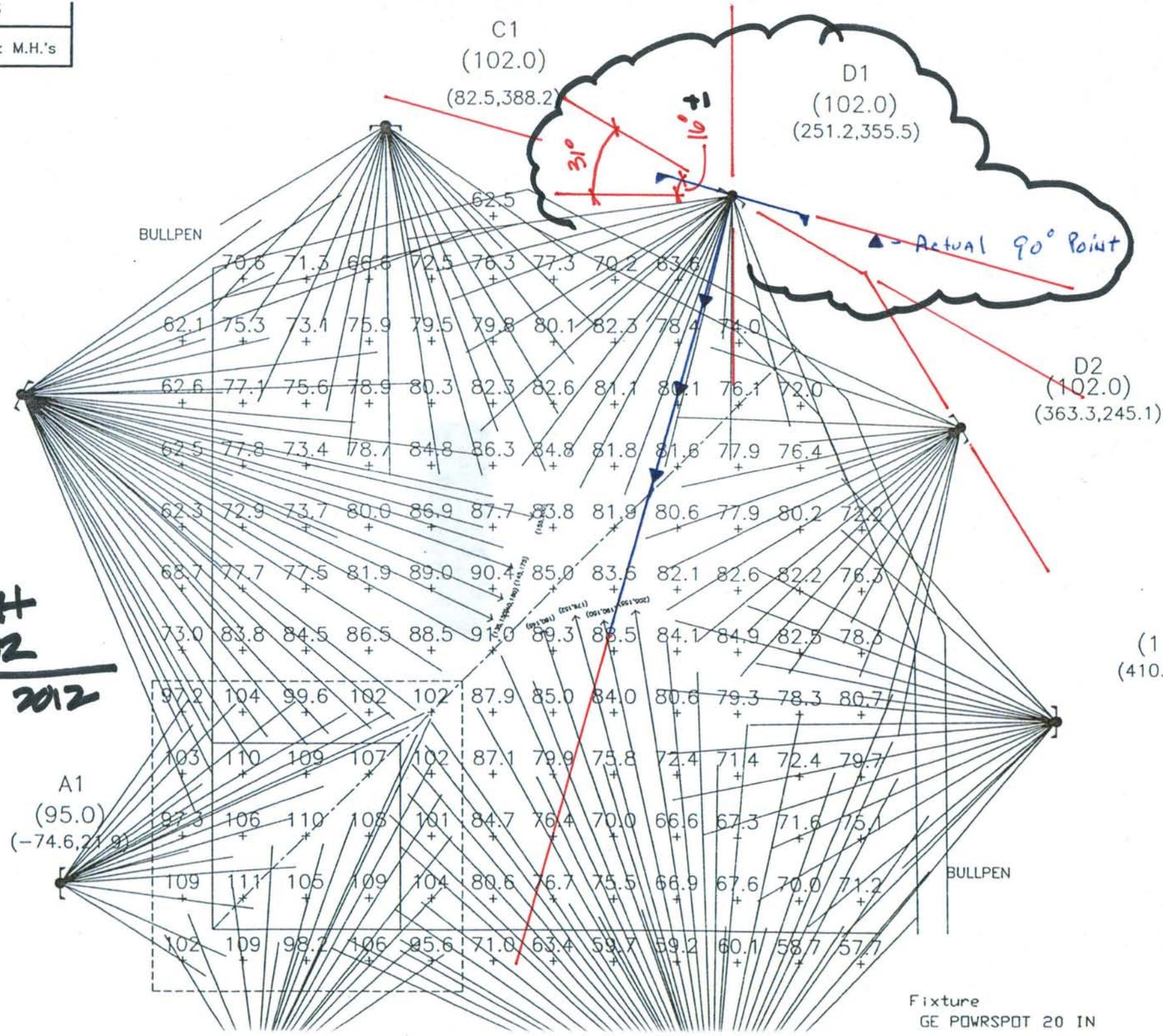
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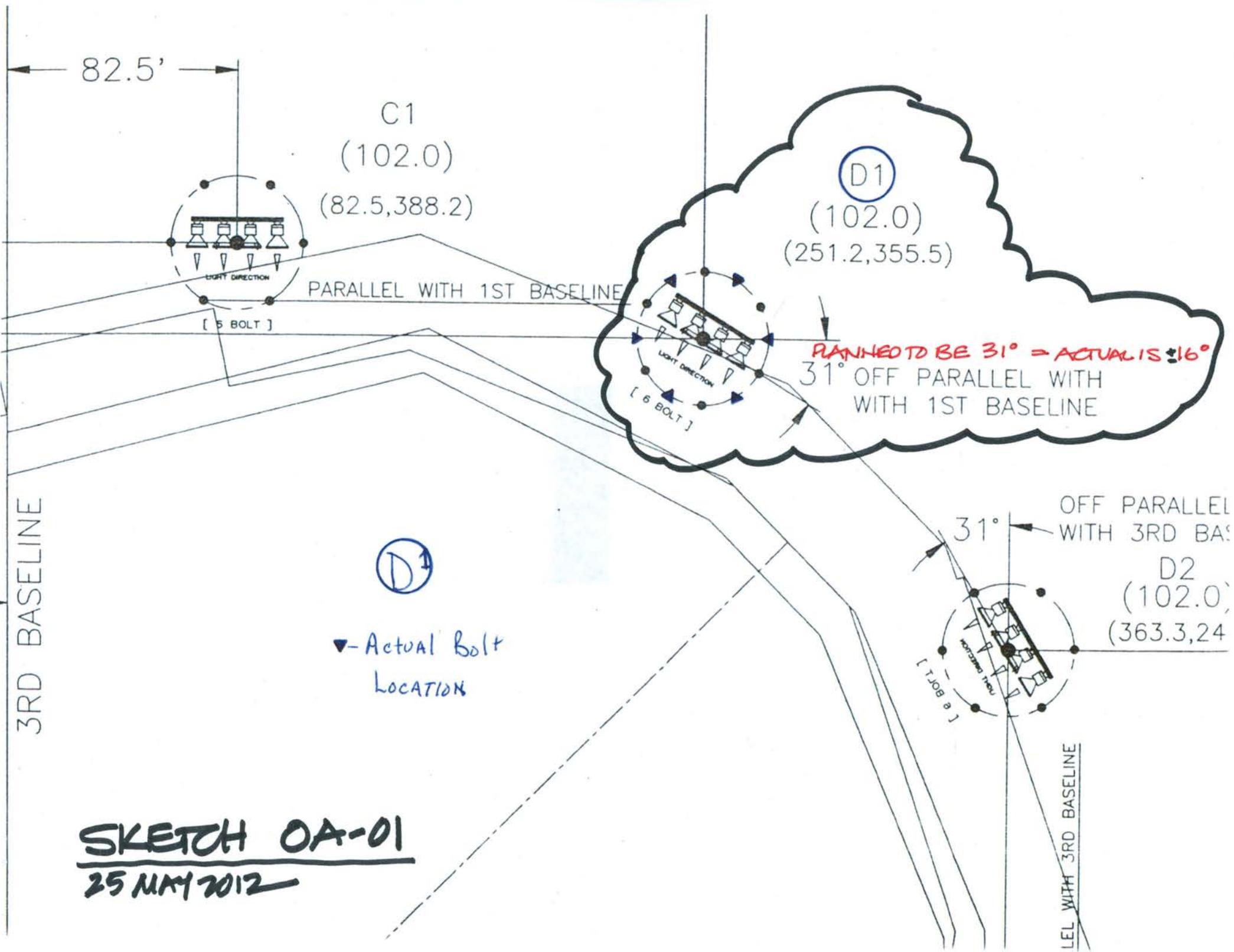
SKETCH
OA-02
25 MAY 2012



BULLPEN

BULLPEN

Fixture
GE POWERSPOT 20 IN



SKETCH OA-01
25 MAY 2012