

**REQUEST FOR PROPOSALS FOR
GENERAL CONTRACTING SERVICES
7300 N. MERRIMAN ROAD, WESTLAND, MI 48185**

CITY OF WESTLAND – FIRE STATION #2

**ADDENDUM NO. 3
June 10, 2024**

IMPORTANT INFORMATION:

PROPOSAL DUE DATE: **June 14, 2024 by 12:00 pm EST**

PROPOSAL OPENING: **June 14, 2024 at 12:05 pm EST**

BIDDER INTERVIEWS: By Invitation Only – June 18 or 19, 2024

CLARIFICATIONS:

1. Q: I am writing to request approval to bid Navien’s tankless water with a separate storage tank as an approved alternate to the water heater with tank specified.
A: **No, the tankless water system is not approved.**
2. Q: I am requesting approval for Zurn vitreous china as an equal to the specified manufacture, on the about noted project.
A: **The Zurn substitution is acceptable.**
3. Q: Since the site will be active with other ongoing work, please clarify if a safety fence would be necessary and to what extent as well as location.
A: **A temporary fence layout will not be provided. Temporary site safety fencing shall be determined by the GC. The project site must keep the public safe to industry standard levels. Fencing shall also protect the GC’s staging area(s) and materials as the GC deems appropriate.**
4. Q: Please clarify the scope regarding the PA, intercom & radio systems including speakers as to whom has responsibility.
A: **See ‘clarifications’ at bottom of this document.**
5. Q: Please clarify regarding the appliances of what the owner will be responsible for.
A: **The GC will be responsible for providing and installing all appliances listed within specification. Additionally, the GC shall provide and install the washer extractor and SCBA fill station.**
6. Q: Please clarify and provide a Furnishing plan.
A: **Furnishings are provided and installed by others. Furnishings are not to be included within this project bid. Once selections are made a furniture plan will be shared with the awarded GC for coordination purposes.**

7. Q: Please confirm the existence of an active DTE utility pole on site for temporary power.
A: **An active DTE utility pole has yet to be confirmed at this time. For bidding purposes all bidders shall assume that they will have access to an active DTE utility pole.**
8. Q: Can a Rheem system be considered as a substitution for the Trane spec'd equipment?
A: **The Rheem furnace substitution is rejected per the spec section 23 54 00 Furnaces. The Rheem condenser substitution is rejected per the spec section 23 63 13 Air-cooled Refrigerant Condensers.**
9. Q: Is there an exposed aggregate sidewalk on the site?
A: **No.**
10. Q: Is the Owner paying for all permits?
A: **As stated in the RFP, Owner will pay for the City of Westland/building permit. Awarded GC will be responsible for obtaining the building permit. Awarded GC/subs are responsible for all required trade permits and inspection fees.**
11. Q: Are there any Liquidated Damages?
A: **See A101-2017, 4.5 Liquidated Damages: Not Used. The GC is contractually obligated to adhere to the schedule as set forth in the RFP.**
12. Q: Is Winter Conditions / Temp Heat Excluded?
A: **Winter Conditions / Temp Heating should be included as necessary per the schedule as part of the scope of work.**
13. Q: Is Testing to be done by the General Contractor or Owner?
A: **3rd party testing by Owner.**
14. Q: Can MagneGrip be considered an approved alternate for the vehicle exhaust system?
A: **No, MagneGrip is not approved. The Fire Department currently requires Plymovent equipment installed at all of their fire stations.**
15. Q: Please provide the window schedule.
A: **A schedule will not be provided. The window sizes are as follow:**
- **The kitchen window size is 4'-0" W x 3'-6" HT.**
 - **All other window sizes are 4'-0"x4'-0"**
16. Q: The Stone Cladding 04 42 13 please. I assume this is also the Coronado Stone/Mountain Strip Stone?
A: **Yes, the stone cladding section 04 42 12 is the Coronado stone.**
17. Q: What trade is supposed to install the range hood?
A: **GC shall determine which trade they feel is best to install the hood.**
18. Q: Is the plymovent vehicle exhaust system to be installed by HVAC trades? If so can a schedule details be provided as there is no sizing on the drawings?
A: **Details and schedules are not provided. The system shall be designed by the supplier as needed to meet the design criteria listed within the plans/specifications.**
19. Q: Can the architect verify the quantity and placement of the Fire Extinguishers?
A: **GC shall provide 6 fire extinguishers with bid. Final locations will be determined with the Architect and Fire Marshall following post-bid award.**

20. Q: Are we to provide an allowance for the Brick Veneer and for the Stone Cladding or will you be providing additional details on the product for pricing. Please advise.
A: **Stone cladding shall be Coronado stone product as clarified within Bid Addendum 2. Basis of design for brick veneer shall be: Beldon Brick Co. / Brick: 26-HB FL -or- equal.**
21. Q: The drawings are calling for Plam per the section drawings on page A-402, however in the specs, SECTION 12 35 30 MANUFACTURED CASEWORK Part 2.1A indicates face frame cabinetry. Please clarify which is correct.
A: **All casework is Plam. Counters to be solid surface (Corian).**
22. Q: Please clarify the solid surface color or group# that is to be utilized.
A: **Colors are as listed on drawing sheet A-901**
23. Q: Please provide an RCP for the Mezzanine shown on drawing sheet A-115 and shown in section 1/A600. Also, if the mezzanine is accessed by stairs, please shown the stair location and type.
A: **A mezzanine RCP will not be provided at this time. The Mezzanine ceiling is a continuation of the Apparatus Bay ceiling (gyp. bd. ceiling – see wall sections sheet A-704). A mezzanine access ladder is noted on drawing sheets A-114, A-115, and A-400. Access ladder model to be as follows or equal: Steel access ladder:**
- **FSI Industries / WLFS 0111-Y (without walk-thru) / Primed finish**
24. Q: Drawing C-04 indicates PR. Concrete pavement Typ. Please confirm that concrete payment is 8" non reinforced concrete.
A: **Correct, 8" non-reinforced.**
25. Q: Is Attic to be suppressed?
A: **Attic shall be suppressed if deemed necessary per the design/engineering of the fire suppression engineer/contractor.**
26. Q: The estimated paving quantities on sheet C04 include 8" thick on-site concrete pavement, and the details on sheet C04.1 show 6" thick concrete. Please confirm that the on-site pavement is 8" thick.
A: **On-site paving shall be 8".**
27. Q: Please advise if the pavement joint details on Wayne County Detail sheets WC2 & WC3 apply to the on-site concrete pavement, including the longitudinal & transverse joint details & lane-ties.
A: **These details do not apply to on-site concrete.**
28. Q: If they do apply, can we get a joint layout for the on-site pavement since the detail sheets are set up for a street application?
A: **N/A.**
29. Q: Please confirm that the HVAC Systems are controlled by Thermostat only.
A: **There is no building management system. HVAC Systems are controlled by Thermostats. They are standalone systems.**
30. Q: I also don't see type "l" fixtures on the print. Please advise.
A: **Fixture 'l' shall be ignored**
31. Q: Please look into note 18 on A-201 and A-202... showing light fixtures, but I do not see them on the lighting schedule. Descriptions do not match. Please verify style and quantity.
A: **Light fixtures #18 as noted on A-201 and A-202 shall be included within the bid. See attached light fixture type to be used as basis of design (Lithonia ARC1 LED)**

32. Q: Can you tell me where the “wood” cabinets are to be installed compared to the P-Lam cabinets?
A: **All casework is Plam. No wood cabinets.**
33. Q: The asphalt details and specifications are calling for different mix designs (spec shows old mixes). Where should I be pulling from here?
A: **Asphalt mix should follow the current standard per paving detail provided on plan set.**
34. Q: The specifications state that a fire alarm system is not required and that a sprinkler supervisory panel is required. However, the drawings show a full fire alarm system with smoke detection and notification. Please clarify.
A: **Bidders shall follow the drawings.**
35. Q: The specifications only list Simplex under fire alarm system manufacturers and then has a note “Manufacturer must be as required by the City of Westland – Verify”. Please verify that Simplex is the only acceptable panel, or is an alternate acceptable?
A: **Bidders shall use Simplex for bidding purposes.**
36. Q: The specifications only call out Cummins for the generator, are other manufacturers acceptable to quote – i.e., Kohler & Michigan Cat?
A: **The GC shall not provide the generator within their bid. The generator is to be purchased by Owner separately.**
37. Q: Please note that Vista cool Solar Gray was discontinued in 2014 – please clarify what their next choice would be or how to move forward.
A: **In lieu of the discontinued product please use the following: Vitro Architectural Glass Solarban 60, low E clear (interior) + Solargray sputter coated (exterior)**
38. Q: Door 130B on A900 has it being 8’-0” wide. That door is located in the Day Dining Room 130. On Drawing A-111 that door goes to the patio and is noted to be 6’-0” wide.
A: **Door shall be 6’-0” wide as dimensioned on floor plan.**
39. Q: Millwork 12 35 30 – 2.1 – Manufactured casework lists the acceptable manufactures and the plan shows plam. Can they be fabricated by the Millwork subcontractor as a suitable substitution/ alternate? The millwork/casework is of a higher quality than the manufacturers listed.
A: **Millwork shall be plam finish as indicated on plans. Fabrication by millwork subcontractor is acceptable.**
40. Q: Drawings A-702 -1 & S-901 Typical Frost Detail- The wall section shows CMU and the detail shows concrete. Which is the typical detail?
A: **Typical detail shall be as indicated on S-901.**
41. Q: The details shown on Page C04.1 show some of the pavement as 6” thick and show a few different types of curbs. On C04 it is not clear what pavement would be 6” or 8”, and it’s also not clear in most areas what type of curb is wanted. Please identify curb types and pavement thickness.
A: **All concrete shall be 8” thick. Markup of detail sheet included. Mountable curb is used in areas highlighted on the attached. Integral curb is in areas of concrete. Standard curb details (A and B) are in areas of asphalt paving.**
42. Q: Details 2 on A-703 and 3 on A-704 are not called out on the overall architectural plan (Page A-111) but are shown. Where would these details be applied?
A: **Detail 2/A-703 references detail 1/A-600. Detail 3/A-704 references detail 1/A-602**

43. Q: Detail 4 on A-703 is called out in the overall Architectural Plan (Page A-111) but there is no such detail on page A-703. Is there something missing that we need?
A: **Detail 4/A-703 on A-111 is similar to detail 1B/A-703.**
44. Q: There are no slab elevations given on Page A-111, which will be needed to preform the work and also to break down the slab pours for bidding purposes. Please provide.
A: **Slab elevations can be found on sheets A700-A704, S210, and S901. Also make note of the ramped floor, identified on the floor plans, at all interior doorways that open to the apparatus bay.**
45. Q: Spec section 12 22 00, 2.2, A. 1. – Fabric Selection: Please specify a pattern and openness. PVC coated fiberglass ranges from light filtering to room darkening.
• Potential blackout pattern options: SW7100 & Morocco (Hunter Douglas)
• Potential light filtering pattern options: SW Basic, SW2500/2410/2390/2360 & SW2701/3/5/10
A: **Pattern and openness to be SW2360/10**
46. Q: Spec section 12 22 00, 2.2, F. – Blockout System: Please verify if side channels are required.
A: **Side channels are not required.**
47. Q: Does Day/Dining Room 130 receive a shade over the patio door?
A: **No**
48. Q: Does training room 114 receive a shade on the sidelight?
A: **Yes**
49. Q: Reception 102 is called to have 3 windows with shades. Does the window closest to Copy/Printer receive a shade (this would be 4 total shades in that room)?
A: **Yes**
50. Q: On Page S-210 it is not clear where the footing size transitions from WF2 to WF3. When you scale it, both sizes scale to be 3', so there is nothing to tell us where one size starts/stops. Please advise.
A: **See attached drawing S-210. Clarifications are clouded and highlighted in red.**
51. Q: Will the edge angle at the Mezzanine wrap the entire perimeter of the Mezzanine or just the 2 sides? (not clearly shown) Refer to page S-211.
A: **Angle sizes are as specified on the mezzanine framing plan S-211. (4x8 bent angle along south edge / 3.5"x3.5" ledge angle on 3 remaining sides)**
52. Q: Will metal lockers by Penco be approved as an equal alternative?
A: **Yes, Penco lockers are approved.**
53. RCP & Room Finish Schedule - Refer to the room finish schedule issued within Bid Addendum #2 for ceiling finish information.
54. Low voltage systems – Please note the following 8 clarifications in regard to low-voltage systems (I.T. , security, and other technical infrastructure).
1. The City of Westland will be extending a separate RFP for all IT and other technical infrastructure related to the project. The General Contractor will be only responsible for running cable paths and conduit for the infrastructure in coordination with the IT vendor awarded the separate project.
 2. There is only one IT room in the building so no backbone is required.
 3. The data vendor under separate RFP is required to terminate and certify all cabling not the electrician.

4. The rack will be included within a separate IT RFP.
 5. Intercom, intercom speakers, and door access will be provided through a separate IT RFP for the security of the building.
 6. Access control systems cabling will be pulled by a vendor of the separate security RFP.
 7. Cameras will also be handled under the RFP for the security of the building.
 8. Cable trays, or conduit, or hooks will be addressed within the separate Cabling RFP.
- 55.** Attic access - See attached drawing A-510 for notes. The following items shall be added to the project scope. See attached 'attic access' drawing for additional information.
1. (3) ceiling mounted attic access panels/hatches. Hatches shall be located as shown on the attached plan. Hatch sizes to be 24"x24".
 2. Plywood attic 'walkway'. 'Walkway' to be located as shown on attached drawing. 'Walkway' to be constructed of $\frac{3}{4}$ " plywood shtg. (fire rated) attached to the top of the bottom truss chord. 'Walkway' to be 2'-0" wide.
- 56.** Additional empty conduit & boxes - GC shall provide/install empty conduit and boxes required for the following 5 items. These items are recent additions to the project and are not shown within the bid drawings. An updated drawing will not be provided until after post-bid award.
1. An intercom master needs to be added to the Captain's Office so they have access to the intercom on the Fire Administration after hours.
 2. An intercom needs to be added to the Fire Administration front door.
 3. A camera needs to be added to the bottom right corner of the entry vestibule on the Fire Administration side.
 4. A camera needs to be added to the Fire Administration back door in the lower left corner over the door hinge.
 5. A camera needs to be added to the Fire Administration side exterior main door over the door hinge



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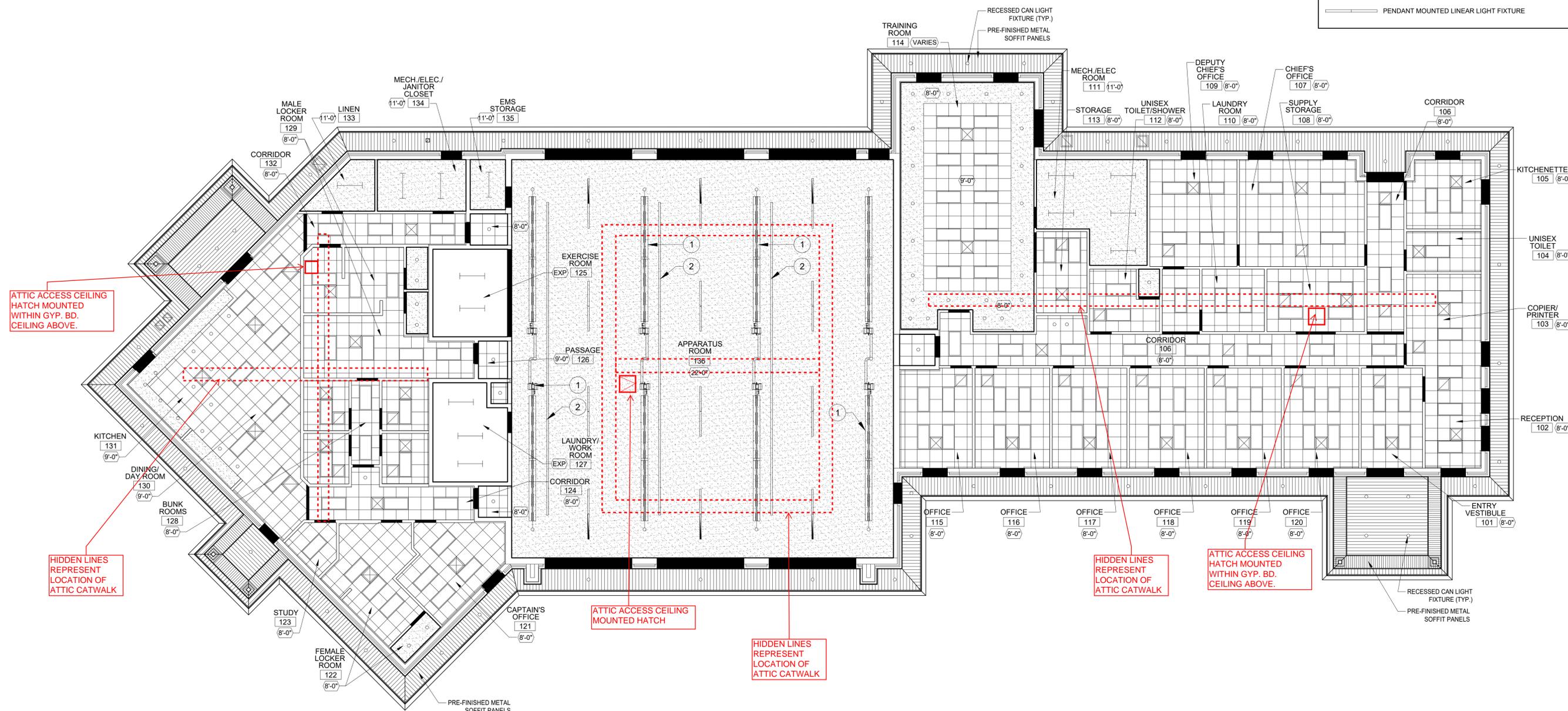
Key Plan:

REFLECTED CEILING PLAN NOTES:

- 1 CEILING MOUNTED RADIANT HEATING SYSTEM
- 2 CEILING MOUNTED VEHICLE EXHAUST SYSTEM

REFLECTED CEILING PLAN LEGEND

- REFER TO ELECTRICAL & MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
- 0'-0" INDICATES CEILING / SOFFIT HEIGHT (EXP = EXPOSED STRUCTURAL FRAMING & DECK ABOVE)
 - 2x2' CEILING GRID
 - DRYWALL CEILING OR SOFFIT
 - 2x4' LIGHT FIXTURE
 - RECESSED 'CAN' LIGHT
 - 2x2' HVAC SUPPLY DIFFUSER
 - 2x2' HVAC RETURN DIFFUSER
 - CHAIN MOUNTED LIGHT FIXTURE
 - PENDANT MOUNTED LINEAR LIGHT FIXTURE



Client:
CITY OF WESTLAND MICHIGAN

Project:
FIRE STATION NO. 2

Seal:

Date: 05-10-2024 Issued For
05-22-2024 FINAL OWNER REVIEW
BIDDING

Drawn: JMC/CSB
Checked: WAD
Approved: SEP

Sheet Title:
REFLECTED CEILING PLAN

Project Number: 23196.C

Sheet Number: **A-510**



REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

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Catalog Number:
ARC1 LED P2 40K MVOLT PE E4WH
DDBXD
Notes:

Type:
CANIFF24-96345



ARC1 LED Architectural Wall Luminaire



Catalog Number

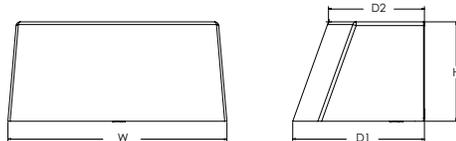
Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Depth (D1): 6.5"
Depth (D2): 4.75"
Height: 5"
Width: 11"
Weight: 7 lbs
(without options)



Introduction

The Lithonia Lighting ARC LED wall-mounted luminaires provide both architectural styling and visually comfortable illumination while providing the high energy savings and low initial costs for quick financial payback.

ARC1 delivers up to 3,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of ARC1, with its integrated emergency battery backup option, is ideal for over-the-door applications.

ARC LED Family Overview

Luminaire	Standard EM, 0°C	Cold EM, -20°C	Approximate Lumens (4000K)				
			P1	P2	P3	P4	P5
ARC1 LED	4W	--	1,500	2,000	3,000	--	--
ARC2 LED	4W	8W	1,500	2,000	3,000	4,000	6,500

Ordering Information

EXAMPLE: ARC1 LED P2 40K MVOLT PE DDBXD

Series	Package	Color Temperature	Voltage	Options	Finish
ARC1 LED	P1 1,500 Lumens	30K 3000K	MVOLT 347 ¹	E4WH Emergency battery backup, CEC compliant (4W, 0°C min) ¹ PE Button type photocell for dusk-to-dawn operation	DDBXD Dark bronze
	P2 2,000 Lumens	40K 4000K			
	P3 3,000 Lumens	50K 5000K			
				DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) ²	DBLXD Black
				SPD6KV 6kV surge protection	DNAXD Natural aluminum
				FAO Field adjustable light output device. Allows for easy adjustment to the desired light levels, from 20% to 100% ²	DWHXD White
					DSSXD Sandstone
					DDBTXD Textured dark bronze
					DBLBXD Textured black
					DNATXD Textured natural aluminum
					DWHGXD Textured white
					DSSTXD Textured sandstone

Accessories

Ordered and shipped separately.

WS8BW DDBXD U Surface - mounted back box (specify finish)

NOTES

- 347V not available with E4WH.
- FAO not available with DMG.



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
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ARC1 LED
Rev. 03/02/22

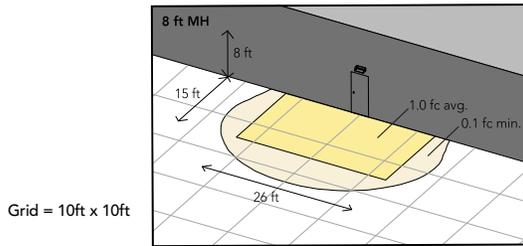
Emergency Egress Options

Emergency Battery Backup

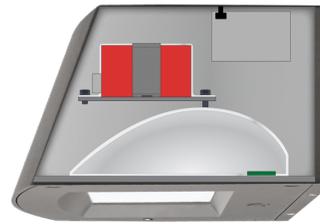
The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode.



ARC1 LED 40K MVOLT E4WH



Self-contained solution for clean aesthetic

Mounting, Options & Accessories



E4WH – 4W Emergency Battery Backup

D = 6.5"
 H = 5"
 W = 11"



BBW – Standard Back Box

D = 1.5"
 H = 4"
 W = 5.5"

For surface conduit applications.
 3/4" conduit entry holes.

FEATURES & SPECIFICATIONS

INTENDED USE

The clean architectural shape of the ARC LED was designed for applications such as hospitals, schools, malls, restaurants, and commercial buildings. The long-life LEDs and driver make this luminaire nearly maintenance-free.

CONSTRUCTION

The die-cast aluminum housing and door act as heat sinks to optimize thermal transfer from the light engine and driver to promote long-life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

FINISH

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermostat powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Recessed lens to cut off high angle light and reduce glare. Combination of diffused lens and reflector design has low surface brightness creating a visually comfortable environment with great distribution. LEDs are fully hidden from view to eliminate pixelization and harsh glare. The ARC LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long-life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire is 0-10V dimmable.

INSTALLATION

The universal wall plate, supplied with the luminaire, fits multiple size junction boxes and supports the luminaire during wiring for easy installation. Built-in wet location wiring compartment on the luminaire to accommodate wiring connections for where there is no junction box. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP65 rated. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International DarkSky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only. Rated for -40°C minimum ambient.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	30K (3000K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)				
		Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P1	11W	1,376	127	0	0	0	1,454	134	0	0	0	1,464	135	0	0	0
P2	17W	2,035	121	1	0	1	2,151	128	1	0	1	2,165	129	1	0	1
P3	25W	2,859	117	1	0	1	3,021	123	1	0	1	3,041	124	1	0	1

Electrical Load

Performance Package	System Watts	Current (A)				
		120V	208V	240V	277V	347V
P1	11W	0.111	0.061	0.053	0.047	0.045
P2	17W	0.139	0.081	0.071	0.063	0.060
P3	25W	0.208	0.122	0.108	0.097	0.081

Lumen Output in Emergency Mode (4000K, 80 CRI)

Option	Lumens
E4WH	620

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient	Lumen Multiplier
0°C / 32°F	1.04
10°C / 50°F	1.02
20°C / 68°F	1.01
25°C / 77°F	1.00
30°C / 86°F	0.99
40°C / 104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11). To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

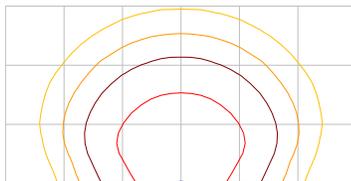
Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	0.97	>0.96	>0.95	>0.91

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting ARC LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND

- 0.25 fc
- 0.5 fc
- 1.0 fc
- 3.0 fc



MH = 10ft
Grid = 10ft x 10ft

ARC1 LED P3 40K



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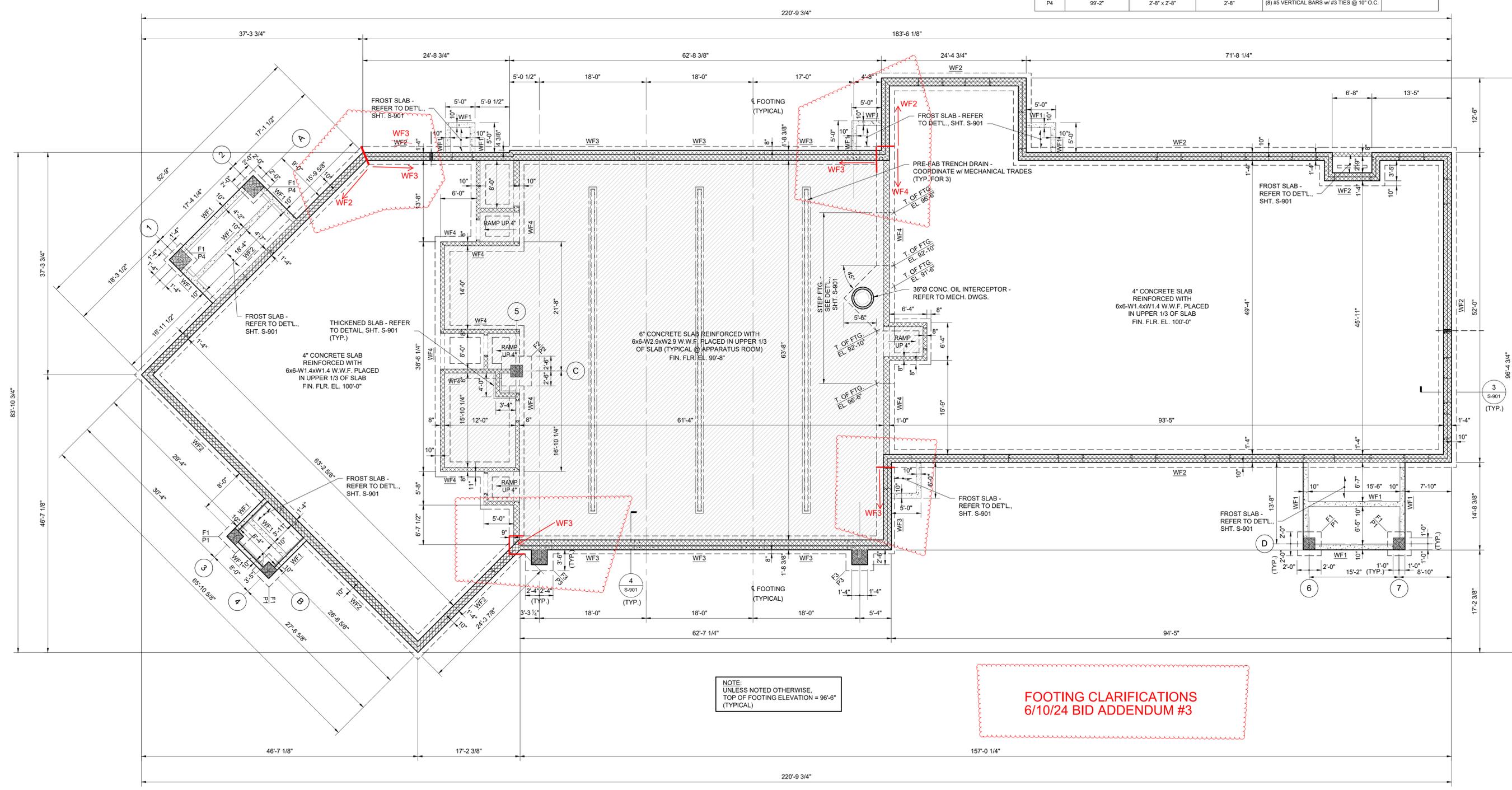
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WALL FOOTING SCHEDULE					
MARK	TOP OF FOOTING	SIZE	THICKNESS	REINFORCING	REMARKS
WF1	99'-2"	10"W x 2'-8"D CONCRETE TRENCH FOOTING	10"	(3) #4 BARS CONT. w/ (2) CONT. #4 BARS TOP & BTM.	
WF2	96'-6"	8" CMU WALL ON 2'-6"W. STRIP FOOTING	1'-0"	(3) #4 BARS CONT. w/ #5 BARS @ 12" O.C. TRANS. REBAR	
WF3	96'-6"	12" CMU WALL ON 3'-0"W. STRIP FOOTING	1'-0"	(3) #4 BARS CONT. w/ #5 BARS @ 12" O.C. TRANS. REBAR	
WF4	98'-6"	8 1/2" CMU WALL ON 2'-6"W. STRIP FOOTING	1'-0"	(3) #4 BARS CONT. w/ #5 BARS @ 12" O.C. TRANS. REBAR	

FOOTING SCHEDULE					
MARK	TOP OF FOOTING	SIZE	THICKNESS	REINFORCING	REMARKS
F1	96'-6"	4'-0" x 4'-0"	1'-0"	(5) #5 BARS EA. WAY BOTTOM	
F2	98'-6"	5'-0" x 5'-0"	1'-0"	(5) #5 BARS EA. WAY BOTTOM	
F3	96'-6"	4'-0" x 4'-0"	1'-0"	(5) #5 BARS EA. WAY BOTTOM	

MASONRY PIER SCHEDULE					
MARK	TOP OF PIER	SIZE	HEIGHT	REINFORCING	REMARKS
P1	99'-2"	2'-0" x 2'-0"	2'-8"	(6) #5 VERTICAL BARS w/ #3 TIES @ 10" O.C.	
P2	99'-2"	2'-0" x 2'-0"	0'-8"	(8) #5 VERTICAL BARS w/ #3 TIES @ 10" O.C.	
P3	99'-2"	2'-8" x 2'-6"	2'-8"	#5 VERTICAL BARS AT CORNERS - GROUT SOLID CENTER SPACE	
P4	99'-2"	2'-8" x 2'-8"	2'-8"	(6) #5 VERTICAL BARS w/ #3 TIES @ 10" O.C.	



NOTE:
UNLESS NOTED OTHERWISE,
TOP OF FOOTING ELEVATION = 96'-6"
(TYPICAL)

**FOOTING CLARIFICATIONS
6/10/24 BID ADDENDUM #3**

Client:
**CITY OF WESTLAND
MICHIGAN**

Project:
FIRE STATION NO. 2

Seal:

Date: 05-10-2024
05-22-2024
Issued For:
FINAL OWNER REVIEW
BIDDING

Drawn: KWG
Checked: ERA
Approved: SEP

Sheet Title:
**FOUNDATION
PLAN**

Project Number: **23196.C**

Sheet Number: **S-210**

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FOUNDATION PLAN
SCALE: 1/8" = 1'-0"