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Internal Services
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ADDENDUM NO. SIX

DATE: August 29, 2016
DEPARTMENT: Internal Services Department (ISD)
ISD PROJECT NAME: Renovation of the Culmer/Overtown Neighborhood Service Center
ISD PROJECT NUMBER: Z000120
BID DUE DATE: September 28, 2016 (REVISED)
CONTRACTING OFFICER: Fernando V. Ponassi, MA Arch., LEED® AP

This Addendum is issued to clarify and/or modify the previously issued Invitation to Bid, and is hereby made part of the Contract Documents. All requirements of the Invitation to Bid not modified herein shall remain in full force and effect as originally set forth. Bidders are required to acknowledge receipt of any and all addenda as instructed in the bid proposal form provided to that effect.

CLARIFICATIONS:

- 1. The bid due date has been extended to Wednesday, September 28, 2016, at 2:00 p.m. The place for submission of bids remains as originally advertised.
2. Exhibit 2 is hereby included to further complement a response to Q. 18-7, in Addendum No. 5 issued on August 3, 2016.

RESPONSES TO REQUESTS FOR INFORMATION (RFIs):

RFI No. 3, submitted by Allied Contractors on 7/7/16

- Q. On page L-1.0 in the landscape drawings, there is a discrepancy on quantity specifically on Yellow Lantana's, Variegated Bromeliad, and Orange Philodendron. Can you please advise on how to proceed?
A. The plans prevail. Quantities called out in the plans are correct. The list will be updated if necessary.

RFI No. 13, submitted by Critical Path Construction on 7/15/16

- Q6. Will this project require any special clearances or approvals of the work force on site?
A6. None beyond those required by all applicable laws and regulations of the authorities having jurisdiction.
Q7. Is this project under Miami Dade County Public School Specification? Plus will it be inspected as such?
A7. No.
Q8. Do you have a list of Owner Purchased Materials, and Equipment for Sales Tax Savings or are we to include all materials, and equipment in our base bid with sales tax?

A8. Please refer to Article 6 "County Purchases," Section 00130 "Special Provisions," for more details.

**RFI No. 14, submitted by Grace & Naeem Uddin on 7/15/16**

Q1. Documents require contractor to temporarily remove and store ceiling tiles and grid at various areas, very likely to be damaged. Facility has numerous different kinds of grid and tiles. Please advise if Owner would consider replacing all acoustical ceiling grid and tile. Do we still have to price Alternate 1?

A1. Please follow plans.

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Q2. Demolition notes say, replace roof substrate where necessary. What is meant by existing roof substrate? Does it mean everything above Concrete over metal deck?

A2. If the roof structure (light weight concrete above metal deck) is damaged during the removal of the existing roof, the GC will patch or replace as necessary.

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Q3. What are the specs for Owner furnished LED to be replaced as indicate on Sheet A3.01, ceiling demolition legend?

A3. Envoy Lighting MLFP14DS4050 (quantities: 50 - 2x2s and 28 - 2X4s). Please refer to Exhibit 12.

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Q4. Is moving existing furniture temporarily out of the spaces and relocating back included in the scope of this contract?

A4. No. To be provided by Owner.

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Q5. Is any wall paper to remain?

A5. Only in "Tenant Areas," where basic HVAC is being upgraded. These areas may have wall covering.

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Q6. Please provide location of existing storm drainage to which we are to connect condensate system as required in documents.

A6. No existing storm drainage information is available. Contractor shall locate storm drain in the field.

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Q7. In Building 2, Armstrong "Landscapes" to be selected. Which type is it and how do we price it?

A7. Use "Optima Create." Contact Armstrong for pricing based on square footage.

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Q10. A5.01A, note 16, wrapping columns with break metal. Need detail.

A10. Shown on Sheet A-8.0, Detail #2 (F&G).

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Q13. A7.01, need detail X, for the fascia at the top of the roof.

A13. Similar to Detail #1 on Sheet A-9.01.

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Q14. A10.00 Phasing plan. Time periods do not consider, several items listed below, (List is not comprehensive) and long lead time associated with many items:

- a. Preparation of shop drawings and submittals;
- b. Shop drawings / submittal approval;
- c. Procurement;

- d. Field measurements;
  - e. Fabrication; and
  - f. Installation
- A14. The item of phasing will be governed by the successful bidder's schedule as this is, and always will be, a means and methods issue. Please note, the strategy behind the phasing shown on Sheet A-10.0 will be re-evaluated with the Owner, since tenants might have changed or moved since this strategy was developed.
- 
- Q15. What is the extent of Fire proofing existing structure?
- a. What is the existing structure?
  - b. What does the ceiling space look like?
  - c. How do we fire proofing with acoustical ceiling tie wires scheduled to remain.
  - d. How do we fire proofing with existing utilities scheduled to remain.
- A15. The entire underside of the roof structures for Building #1 and #2 must be sprayed:
- a. The structure is steel and concrete columns with steel joists and corrugated metal deck.
  - b. Conventional open ceilings, suggest visiting site to take a look above the ceilings.
  - c. Must spray around them if they have to be removed to spray and there is no other way, then the bid must contemplate this.
  - d. Must spray around them or even include them, if they have to be removed to spray and there is no other way, then the bid must contemplate this.
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- Q17. Is there any asphalt / other surfaces / landscape restoration work involved?
- A17. Refer to the plans, site work is clearly identified. Landscape scope shown on landscape plans.
- 
- Q18. Is Kitchen equipment included to be provided and installed by GC?
- A18. Yes.
- 
- Q19. Please provide steel support design for Kitchen hood.
- A19. Please refer to the Captive Aire drawings, sheet FS1.1-5. The hood specified comes with (4) hanging angles. Typically these angles are used to hang the hood from the structure above using uni-strut and tie rods. Specific detailing of the actual hood will depend on hood purchased and the existing structure above the hood's proposed location. Neither of these is known at this time.
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- Q22. It is our understanding that Fire Alarm is not in scope as stated at the site visit, please confirm and provide existing Fire Alarm drawings.
- A22. The assumption is correct. Fire alarm is not a part of the scope of services of this solicitation. Please refer to Exhibit 11.
- 
- Q23. Please provide vendor name and contact information who recently replaced Fire Alarm.
- A23. Please contact Ms. Dorys Martinez, with Metro Dade Security Systems Inc., at (305) 235-2390.
- 
- Q24. Please provide vendor name and contact information who is servicing the security system.
- A24. Please contact Juan Silva, with the County's Internal Services Department, at (305) 375-3907.

Q25. Numerous transmitters are present on the walls and at other locations associated with roof security system. Please advise who the vendor is and who is going to remove and reinstall while work is carried on under the scope of this project.

A25. Please contact Juan Silva, with the County's Internal Services Department, at (305) 375-3907. The selected GC will be responsible for any costs associated with the removal and reinstallation of any existing security systems and/or devices.

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Q26. Are any of the satellite dishes present at roof to remain or removed.

A26. Any and all satellite dishes are to remain. The selected GC will be responsible for any costs associated with the removal and reinstallation of any existing dishes. Selected GC must coordinate temporary removal schedule dates with Owner.

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Q27. Please provide plans for the temporary student / staff trailers along with all utilities to be provided to these trailers. Also for how long are those going to be needed? Will these be shown in permitted drawings by the Owner and permitted.

A27. a) Basic layout of proposed location will be provided by Owner.

b) Temporary utilities required will include: Power, Water and Sanitary.

c) The trailers will be needed for the entire duration of the remodeling of Building #2, and until a Certificate of Use is received and the children and staff are able to move back into the building.

d) No, trailers and their required temporary services will not be permitted as part of the on-going permit set. The selected GC will be responsible for providing all services associated with the trailers.

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Q29. Are there any P/A devices and system to remain? If so please provide information on all existing devices and system.

A29. We are not aware of any such devices.

**RFI No. 15, submitted by Lunacon Construction on 7/19/16**

Q1. There is an Equipment Schedule listed on Sheet FS1.1-1. There are no model numbers nor is there a Specification section that lists the equipment requirements. Please clarify if the Food Service equipment furnished by owner, Kitchen Equipment Contractor (K.E.C) or GC?

A1. To be furnished by the selected GC. Please refer to Specification Section 114000, Food Service Equipment, included in Addendum No. 5 issued on 8/3/16.

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Q2. The Drawings reference a Kitchen Equipment Contractor in various locations. Is the K.E.C to be contracted by Owner or GC?

A2. There is no identified Kitchen Equipment Contractor (KEC). The selected GC shall provide their own KEC as part of their basic services.

**RFI No. 20, submitted by Allied Contractors on 7/27/16**

Q. Can our Firm hired a LEED consultant with vast experienced as a member of our team to meet the LEED Certified Building requirement?

A. Yes.

**RFI No. 21, submitted by Allied Contractors on 8/1/16**

Q1. Prevailing wages (Davis Bacon Act)?

- A1. Prevailing Wages, Building Category 2016 will apply, as indicated in the solicitation documents.

**RFI No. 22, submitted by Lynx Construction on 8/1/16**

- Q1. Sheet A-10.0, Preliminary Phasing Plan has "Relocate Tenants in this Area" the Activity schedule for each Phase. Please confirm that the actual moving of the tenant – tenant's furniture, equipment, etc., is by Others and is not intended to be included in this bid?

A1. Relocation of tenants will be by Owner.

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- Q2. Confirm that each phase will be vacated prior to starting work and for the duration of each phase.

A2. Confirmed; the Owner will coordinate the relocation of tenants based on the construction schedule of the successful bidder. Such relocation will be for the full duration of the completion of said areas.

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- Q3. Is this project subject to Davis Bacon/Prevailing wages?

A3. Prevailing Wages, Building Category 2016 will apply, as indicated in the solicitation documents.

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- Q4. Enlarged Stage Plan 5/A-1.01A includes note referring to area above the Stage: "Denotes new suspended Uni-strut System". Please provide Structural Design Drawing for this (specialty) work.

A4. Structural drawings of existing conditions are not available. The intent is to create a uni-strut grid hung from structure above, where lighting and ornaments may be suspended from.

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- Q5. Confirm that all countertops are to be solid surface including: Reception Desk & rear cabinet see Section 8/A1.01A and wall counter at Lounge #105 see Elevations R/A6.01.

A5. Confirmed; all countertops on project to be solid surface.

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- Q6. Sheet A-10.0, Preliminary Phasing Plan, Activity (schedule) states: "Remove ceiling and grid as needed in this area to Fire Spray structure, then begin new duct layout (Building 1 only)" for Phase III, IV and IV. This note is the same in regards to Phase I and Phase II but omits "(Building 1 only). Comment: Building 2 is shown as Phase II on this plan. Please revise drawing to reflect the intent of the areas that are to receive Spray Fireproofing.

A6. The activities associated with the phasing of Sheet A-10.0 are a means and methods issue. The selected GC will develop his or her own schedule using the outline of Sheet A-10.0 only. Sheet A-10.0 is not intended to cover every aspect of the construction, as the renovation work's means and methods are at the discretion of the selected GC. No additional drawing will be issued at this time.

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- Q7. A Specification for Fire Spray has not been issued. Please provide specification.

A7. Use "Flame Off" water-based intumescent paint, white, which is environmentally friendly for use on steel, wood, gypsum, etc., or equal ([www.flameoffcoatings.com](http://www.flameoffcoatings.com)). Must be UL listed. Protection of structure should be a minimum of one (1) hour.

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- Q8. Building 1: New clearstory windows at new Entry, Entry Canopy Section 4/A7.01 window types are not provided at the front, sides or at the existing diagonal widows with arrow note has "existing opening".

- A8. The information provided in the elevations and sections should be sufficient for prospective bidders to provide a price for these storefront elements, as shown. The clerestory in the existing openings should have been easily identified during the site visit. No additional drawings will be issued at this time.
- 
- Q9. Building 2: New clearstory window Type is not shown on the north or south Building Section 3/A5.02 and 4/A-5.02.
- A9. Sheet A-5.02 does not contain building sections, but elevations only. The question seems to be vague and it is not clearly understood. Notwithstanding, there are (2) new clerestories intended for this building, and they shall replace existing clerestories. During the site visit they should have been identified in classrooms #1 and #3. They are visible in Section #3/A-1.02 and on Sheet A-8.00, type M. Also note that all window openings are *existing* and all new windows are to be manufactured to fit in existing window openings. All existing windows and clerestories will have to be verified in the field.
- 
- Q10. Comment: Building 3: New clearstory windows 'K' and 'L' are shown on the south 2/A-5.03 and west 4/A-5.03.
- A10. Correct.
- 
- Q11. The number of window panes for Window Marks "A", "H", "I", and "J" on the Proposed Floor Plan – Building #1 (Sheet A-1.01) and Proposed Elevations – Building-1 (Sheet A-5.01) do not match with the number of panes for these Windows on the Window Types & Schedule (Sheet A-8.00) and the Proposed Elevations – Building-1 (Sheet A-5.01A). Also, the dimensions for the windows would remain the same as per the schedule? Please clarify.
- A11. All window openings are *existing*, and all new windows are to be manufactured to fit in existing window openings. As for the number of panes, follow the elevations and please note that Building #1 is an angled building and as such has been *flattened* by section on Sheet A-5.01A.
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- Q12. What flooring material is to be installed in the (Building 1) Courtyards? Courtyard(s) are not listed on the Room Finish Schedule, Sheet A-8.01.
- A12. Both courtyards are to receive CT-1A - Textured Porcelain, over a 4" concrete slab.
- 
- Q13. Room Finish Plan does not have any floor finish listed for #114 Kitchen. Enlarged Kitchen Plan, see 2/A-1.01A, also does not provide flooring information. Please comment.
- A13. Kitchen to receive epoxy flooring, with integral 4" poured cove base.
- 
- Q14. Building 2, Proposed Reflected Ceiling Plan, Sheet A-3.02 and Section 3/A1.02 do not show acoustical ceiling system at the sloped roof. What is the ceiling finish above the Soundscape Panels?
- A14. Exposed structure, painted with Sherwin Williams "Something Blue" (SW 6800). Also paint all conduits or any other exposed elements in the ceiling using same paint.
- 
- Q15. Confirm that existing (exterior) signage for Building 3 is to remain as is.
- A15. Confirmed; signage to remain.
- 
- Q16. Please provide a fabric specification for the Stage curtains including width, pattern, lining etc.

- A16. Refer to Specification Section 116143. Width per plan: front 34'-0", backdrop 34'-0", sides minimum 12'-0" Black, no pattern.
- 
- Q17. Building 2, food Prep Area is noted on Sheet M-200 has "Halon System". Please confirm that this is existing to remain.
- A17. Confirmed; existing to remain.
- 
- Q18. Confirm that the DDC / BAS System – HVAC Controls, Sheet M-7.00 pertain only to Buildings 1.
- A18. HVAC control diagrams depicted on Sheet M-7.02 pertain to Building #1 only.
- 
- Q20. Enlarged Kitchen Plan 2/A-1.01A shows Floor Drains with note: "Refer to Kitchen Equipment plans". Floor Drains are not shown on Plumbing Drawings (or Kitchen Equipment Plans).
- A20. Refer to Sheet P-3.00, Detail 2.
- 
- Q21. Fire Alarm System E1.01, Note #1, states: "Under Separate Contract". Sheet E2.00, Note #10 states: "Fire Alarm devices to be added to existing/upgraded Fire Alarm System by Others". Is the cost for the fire alarm system to be included in the General Contractors bid or is this work to be by the Owner and therefore excluded?
- A21. Excluded, under separate contract.
- 
- Q22. Locations for Solatubes are not clearly defined on plans for Building 2 and are indicated, but not defined on Building 3.
- A22. Solatubes for building #2 are visible on Sheet A-4.00, Roof Plan. There are no Solatubes in Building #3.

**RFI No. 23, submitted by Lego Construction on 8/3/16**

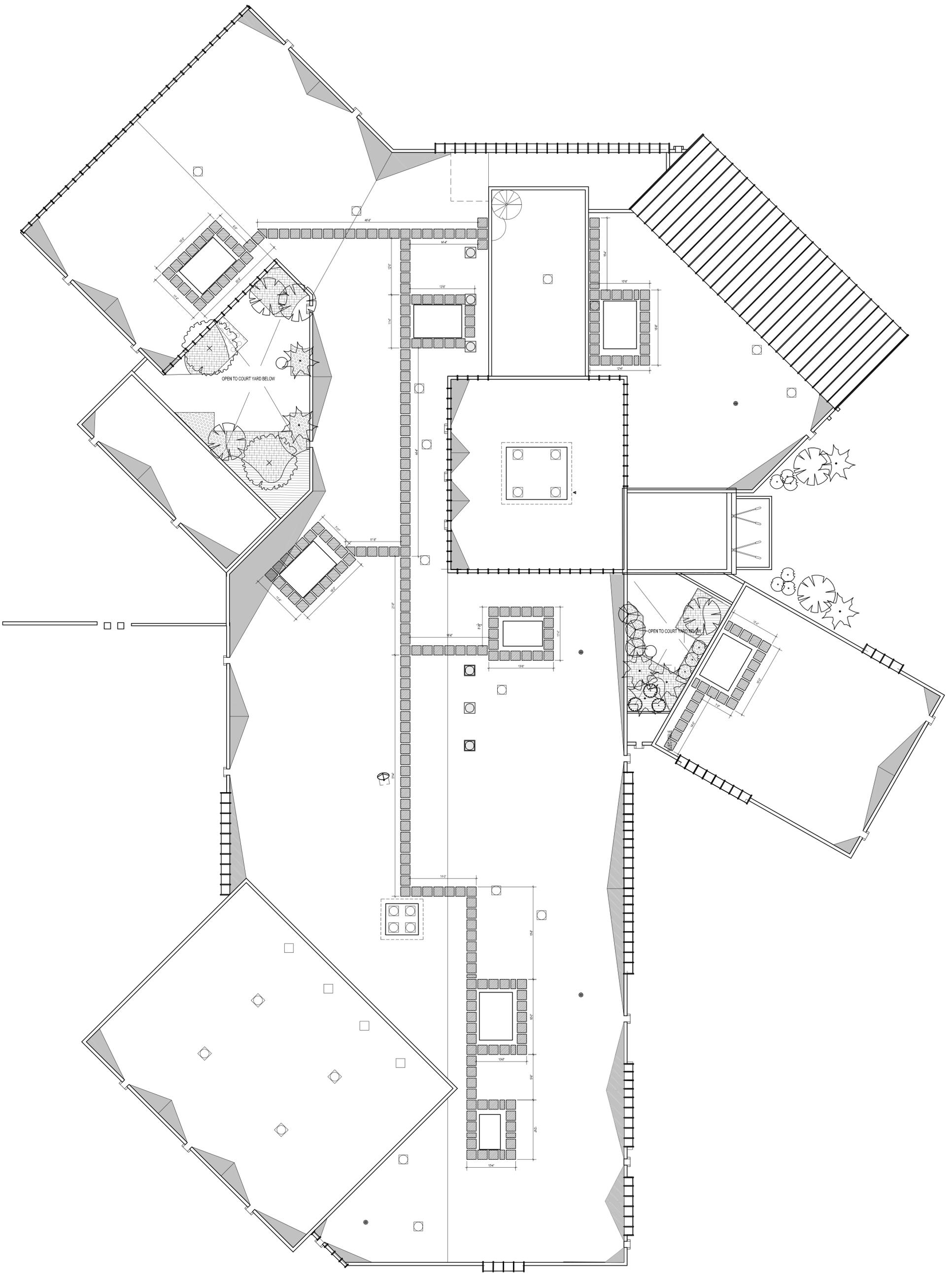
- Q1. Could you please confirm if existing furniture and cabinets will be removed and relocated by Owner?
- A1. All tenant furniture will be relocated by Owner but must be coordinated through the selected GC's schedule. Coordination of all tenant moves will remain a responsibility of the selected GC.
- 
- Q2. Drawing A-01 (Index) lists Architectural drawings A-1.02 and A-1.03 that are not included in CD with the set of drawings provided.
- A2. Please refer to Addendum No. 1, issued on 7/27/16.

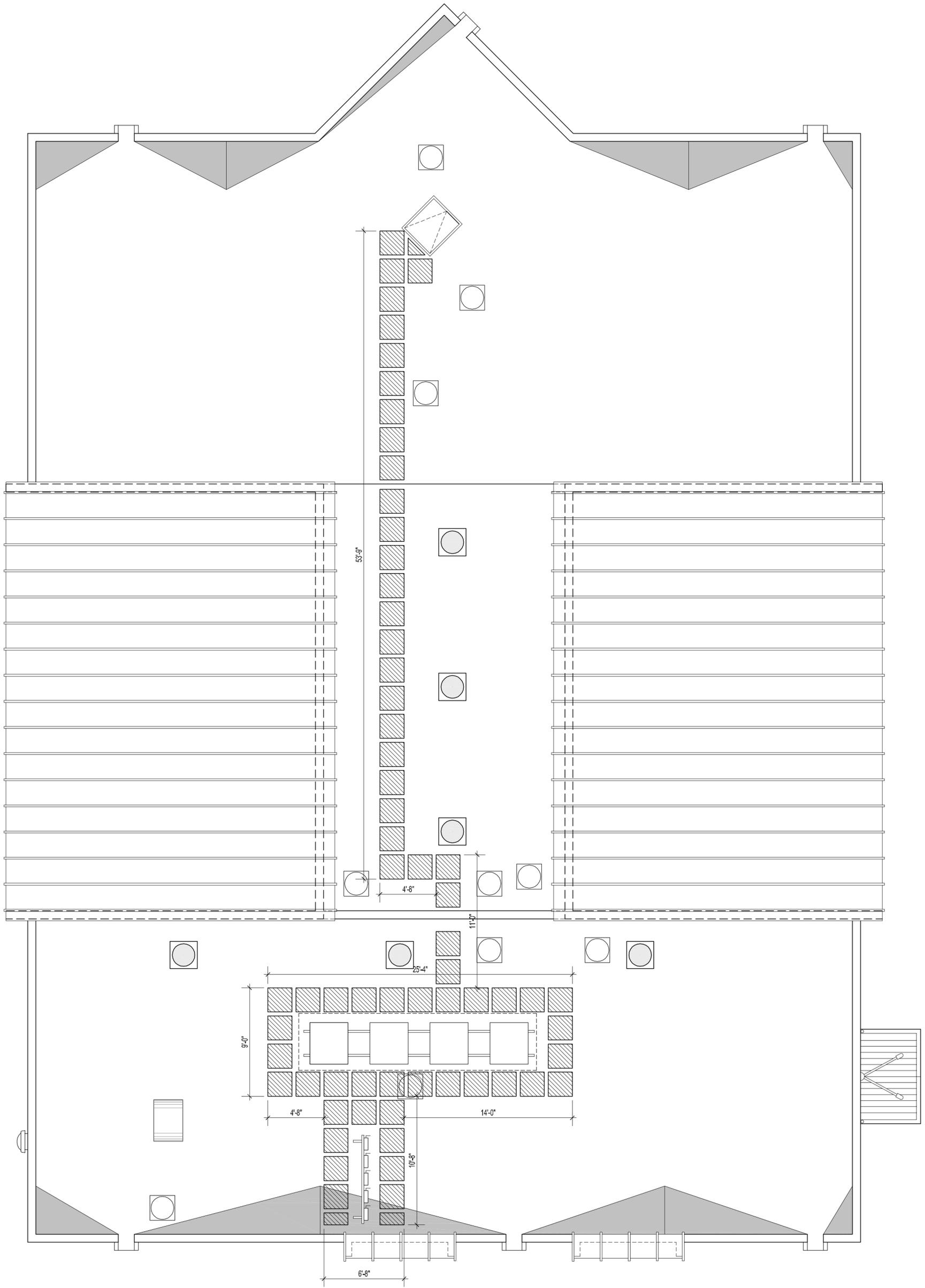
Attachments:

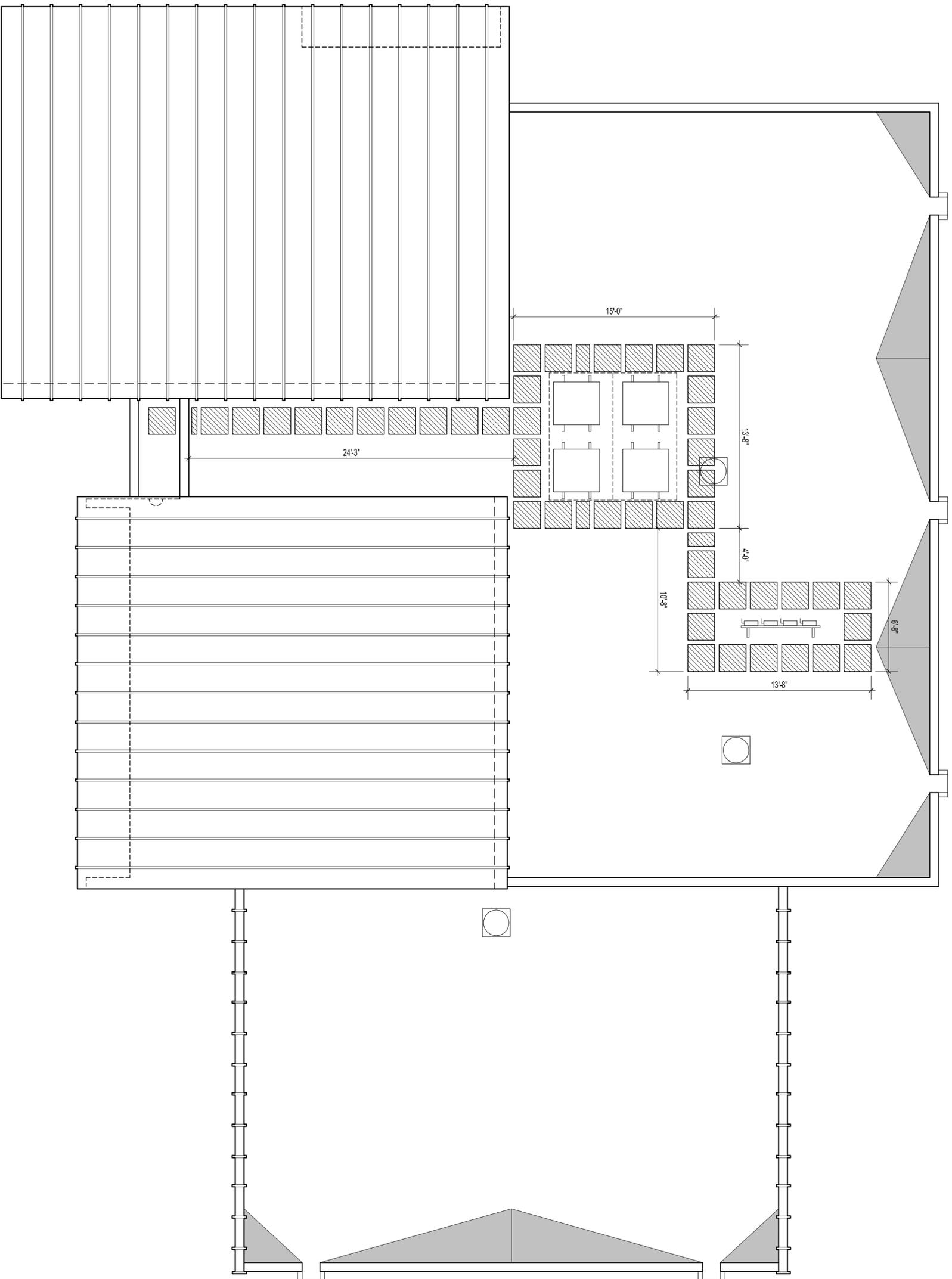
- Exhibit 2, Layout of Roof Traffic Pads.
- Exhibit 11, Metro Dade Security Systems, Inc. Plan, dated September 29 and November 18, 2015.
- Exhibit 12, Envoy Lighting, Cut-sheet for LED fixtures 2x2 and 2x4.

**ALL OTHER PROVISIONS OF THE ORIGINAL INVITATION TO BID REMAIN UNCHANGED.**

cc: Asael Marrero, AIA, Division Director, DCS, ISD  
Jose Montoya, Architect 3, DCS, ISD  
Sequeira & Gavarrete, Inc.  
Clerk of the Board

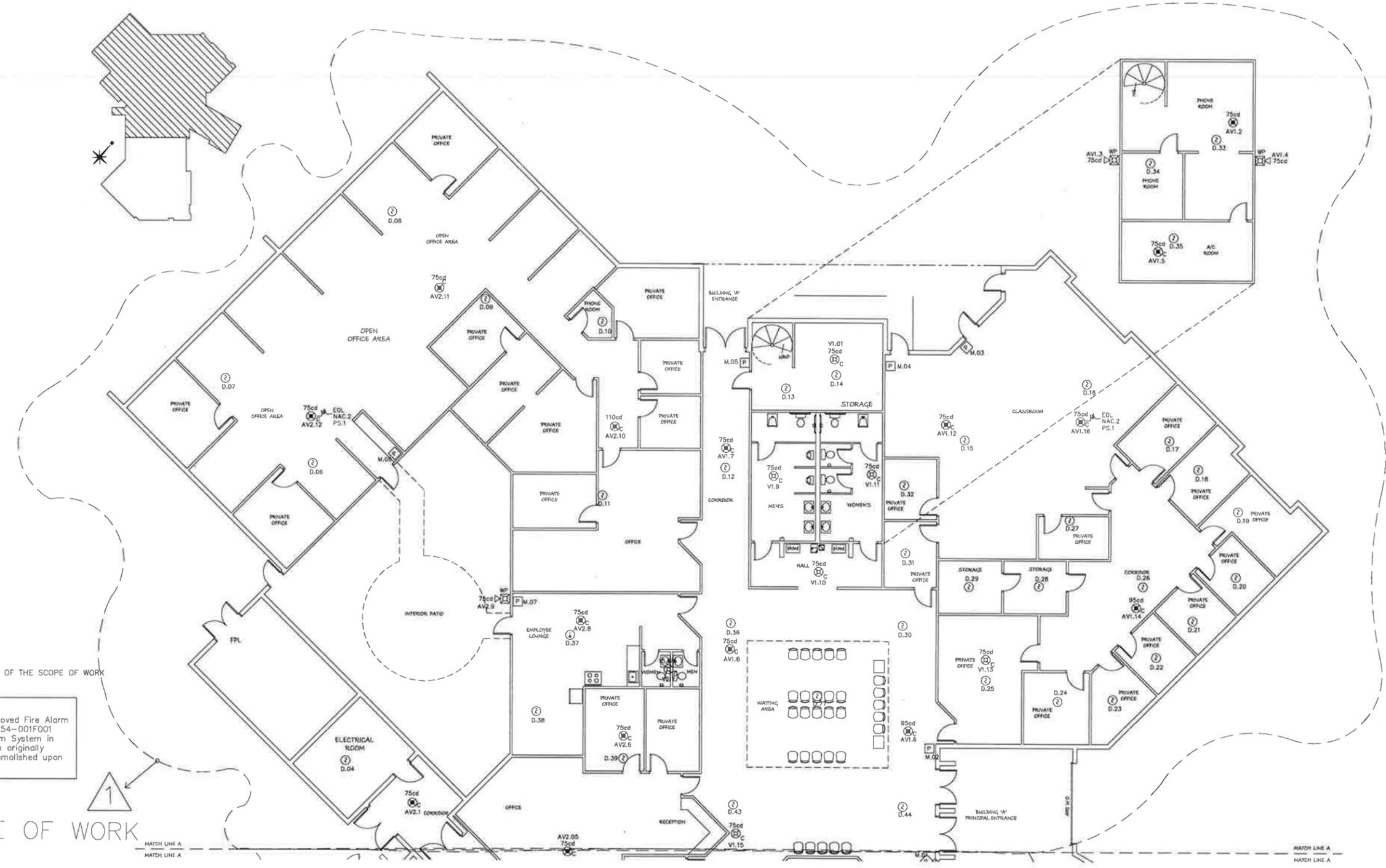






**CULMER COMMUNITY RESOURCE CENTER**  
 PROPOSED ROOF WALK-WAY PATHS (EXHIBIT 2.3)

11.18.2015
As Built Revision



LEGEND:  
--- LINE FOR DEFINITION OF THE SCOPE OF WORK

**SCOPE OF WORK**  
-The existing and originally approved Fire Alarm System under permit BD15-001954-001F001 will be replaced by the Fire Alarm System in this drawing revision. The system originally approved and installed will be demolished upon final inspection approval.

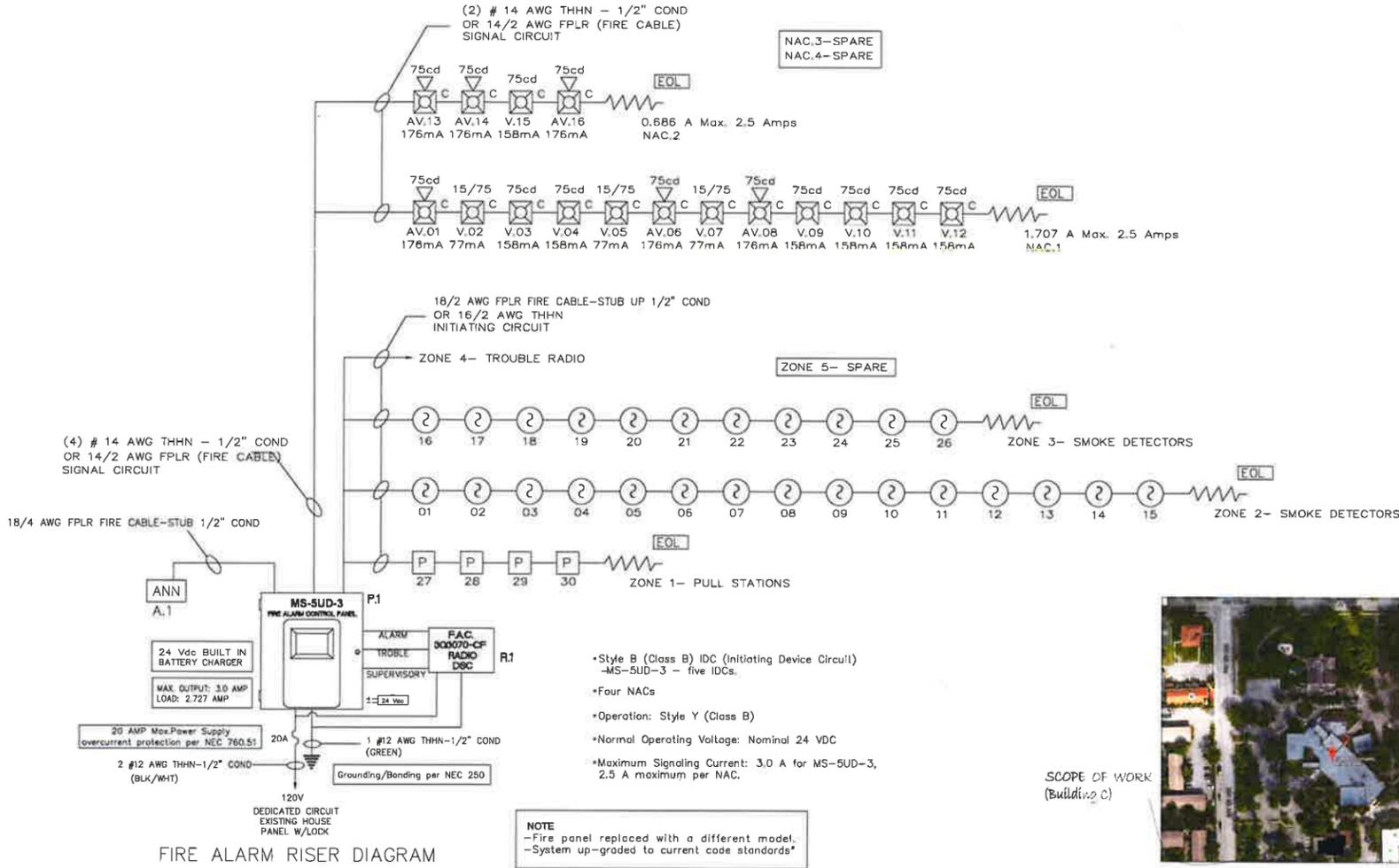
SCOPE OF WORK

Exhibit - 11



FIRE-ITE ALARMS by Honeywell MS-5UD-3 Battery Calculation						
Secondary Power Source Requirements						
1. System	Device Type	Secondary Non-Alarm Current (amps)			Secondary Alarm Current (amps)	
		Qty	Current Draw	Total	Qty	Current Draw
Main Circuit Board	4XTMF	1	0.110000	0.110000	1	0.214000
	CAC-5X	0	0.001500	0	0	0.011000
	IPDACT-2	0	0.093000	0	0	0.136000
	IPDACT-2UD	0	0.086000	0	0	0.155000
2. Annunciators	ANN-89	1	0.015000	0.015000	1	0.040000
	ANN-RLY	0	0.015000	0	0	0.075000
	ANN-TC	0	0.035000	0	0	0.200000
	ANN-I/OLEDs	0	0.000000	0	0	0.010000
	ANN-SFG	0	0.045000	0	0	0.045000
3. Conventional Detection	Two-Wire Detector Heads	20	0.000000	0.001300		
	Four-Wire Detector Heads	0	0.000000	0		
4. Other Devices	EOLR-1	0	0.020000	0	0	0.020000
	Miscellaneous Device 1	0	0.000000	0	0	0.000000
	Miscellaneous Device 2	0	0.000000	0	0	0.000000
	Miscellaneous Device 3	0	0.000000	0	0	0.000000
	Miscellaneous Device 4	0	0.000000	0	0	0.000000
5. Notification Appliances	NAC 1	1	1.707000	1.707000		
	NAC 2	1	0.686000	0.686000		
	NAC 3	0	0.000000	0		
	NAC 4	0	0.000000	0		
	Current Draw from TB9 (nonalarm)	0	0.000000	0	0	0.000000
<b>Total Standby Load</b>				<b>0.126300</b>		
<b>Total Alarm Load</b>					<b>2.727000</b>	

FIRE-ITE ALARMS by Honeywell MS-5UD-3 Battery Calculation						
Calculation in Total Sheet						
Standby Load Current	0.12630 Amps		Required Standby Time in Hours	24 Hours		
		x	24			3.031 AH
Alarm Load Current (Amps)	2.72700 Amps		Required Alarm Time in Minutes	5 Minutes		
		x	0.084			0.229 AH
<b>Total Current Load</b>						<b>3.260 AH</b>
			Multiply by the Derating Factor	1.2		x 1.20
<b>Total Amperes Hours Required</b>						<b>3.91 AH</b>
<b>Recommended Batteries:</b>		<b>BAT-1270 - 7AH Batteries</b>				

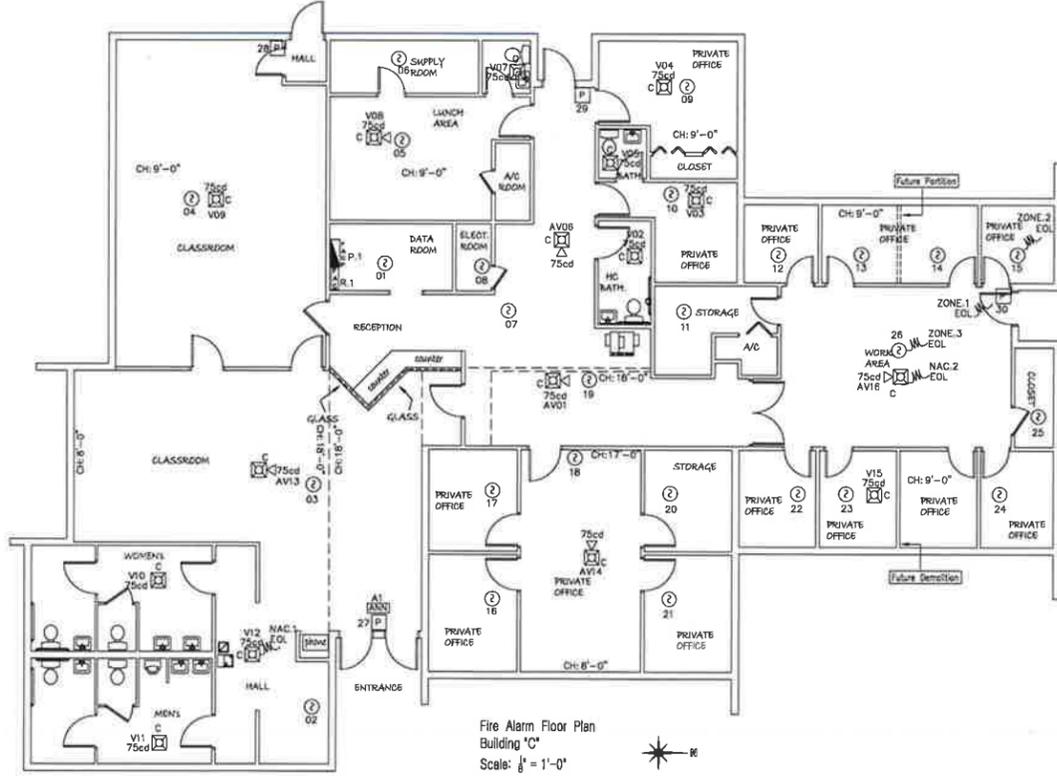


Site Plan Building "C"  
Scale: N.T.S.

SCOPE OF WORK

-System up-graded to current code standards.

-Refer to fire alarm legend for a detail of the system upgrade\*



P.1 PANEL VOLTAGE DROP CALCULATION - MS-5UDLS-3									
Vd = 2 x D(I) x DC Resist (Ohm/Ft) x I (Amp)									
Circuit Description	Maximum Load (Amp)	Current Load (Amp)	Voltage Range (Volts)	Wire Size (AWG)	DC Resistance (Ohm/Ft)	Distance (Ft)	Starting Voltage	Voltage Drop	Ending Voltage
NAC 1	2.5	1.70700	16 - 33	14	0.00307	250	20.4	2.82245	17.6
NAC 2	2.5	0.68600	16 - 33	14	0.00307	100	20.4	0.421204	19.98
NAC 3-SPARE	2.5	0.00000	16 - 33	14	0.00307	0	20.4	0.000000	20.40
NAC 4-SPARE	2.5	0.00000	16 - 33	14	0.00307	0	20.4	0.000000	20.40
		0.00000	16 - 33	16	0.00489	0	20.4	0.000000	20.40
		0.00000	16 - 33	18	0.00000	0	20.4	0.000000	20.40
TOTALS	3.0	2.393	3 - 28	18	0.00000	0	20.4	0.000000	20.40

Exhibit - 11.2

Submitted by SEFL, Inc.

**SEFL, Inc.**

"consistently lighting the way to green"

**Job Name:**  
Miami Dade County N dade em housing

**Catalog Number:**  
MLFP14DS4050

**Notes:**

**Type:**

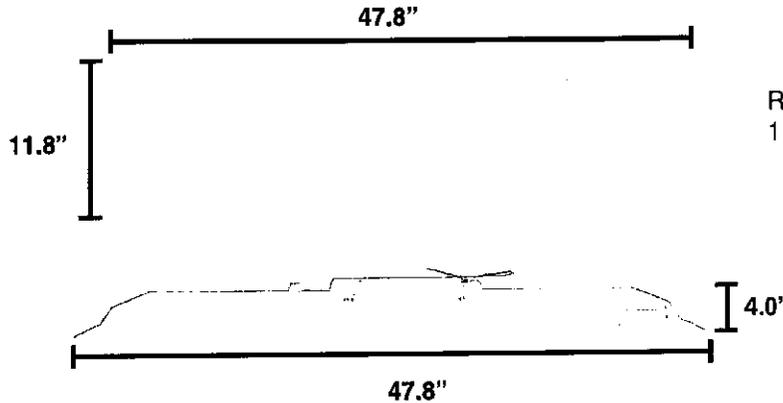
SEFL INC.15-10320

**SAVER SERIES**

**Envoy**  
LIGHTING

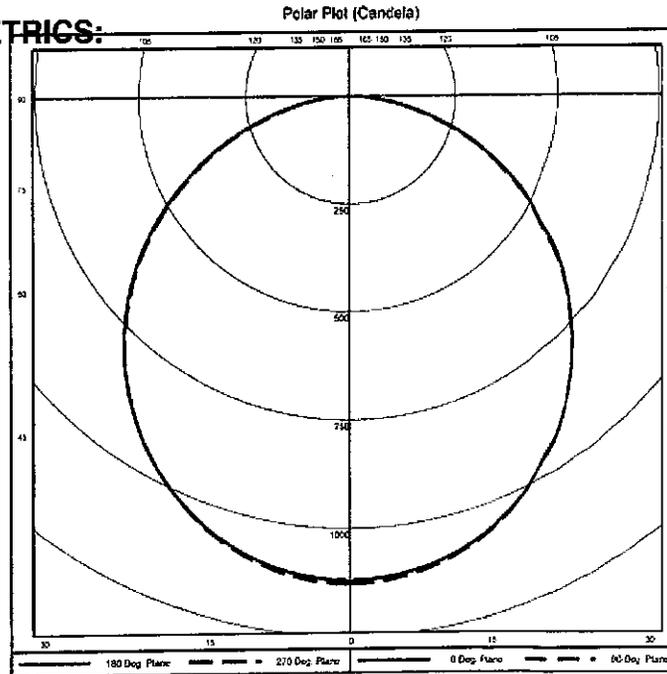
Your Commercial & Industrial Lighting SuperSource

**DIMENSIONS:**



Reveal Dimensions:  
11.4" x 47.4"

**PHOTOMETRICS:**



Lighting layouts and spacing are criteria available upon request.  
Installation instructions are available online; specifications are subject to change without notice.



Exhibit - 12

Submitted by SEFL, Inc.

**SEFL, Inc.**

"consistently lighting the way to green"

**Job Name:**  
Miami Dade County N dade em housing

**Catalog Number:**  
MLFP22DS4050

**Notes:**

**Type:**

SEFL INC.15-10320

**Envoy**  
LIGHTING

Your Commercial & Industrial Lighting SuperSource

**SAVER SERIES**

Typically used to replace 2'x2' and 2'x4' fluorescent fixtures, the Direct Lit LED Flat Panel Saver Series™ is designed to lay in drop ceilings in offices, schools and healthcare applications. The flat panels are fully dimmable, and are compatible with building controls, motion sensors, timers, and daylight harvesting systems.

The design of the panels produces an even, consistent shadowless light. The LEDs enable long life, high lumen maintenance, and high CRI, and are low maintenance and constructed without hazardous materials.

**FEATURES:**

- Lumens delivered: 3500K CCT: 3540  
4100K CCT: 3770  
5000K CCT: 3745
- 40 watts nominal
- 50,000 hour life at L70 standards
- 9.25 lbs.
- Features 0-1-10v Simple Dimming\*
- Optional dimming: IR Remote
- Five year limited warranty
- CRI: >82
- Fits standard T-bar and narrow grid drop ceilings
- LM-79 test data is available online
- Also available in 1'x4' and 2'x4'
- Standard white finish
- Translucent white polystyrene face frame
- Includes integrated seismic clips
- Suitable for damp locations

**CONTROL:**

- Standard integrated driver
- Up to 20 panels can be linked to each master panel

\*Simple Dimming Drivers eliminate the questions and hassle associated with dimming LEDs. MaxLife saver series Direct Lit panels don't require a power pack or separate switch to shut off. Simply select any fluorescent or LED 0-10v dimming control and the driver will automatically shut off when the control reaches the bottom of its range.

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	ROOMS SCHEDULE



**CONSTRUCTION:**

- Face frame is satin polycarbonate
- Housing is steel
- Lens is translucent white polystyrene
- Profile, including the control box, is 4.0 inches
- Unique mounting gives flush-fit in drop ceiling
- Modular construction for easy replacement of drivers or light boards
- Fixtures are type IC rated for contact with insulation after installation

**LUMINAIRE ORDERING INFORMATION:**

Watts	Order Number	Model Number	Lumens	Lamp Life (Hrs.)	Dimensions (L"xW"xH")	CCT
40	72586	MLFP22DS4035	3540	50,000	23.8" X 23.8" X 4.0"	3500
40	72587	MLFP22DS4041	3770	50,000	23.8" X 23.8" X 4.0"	4100
40	72588	MLFP22DS4050	3745	50,000	23.8" X 23.8" X 4.0"	5000



Submitted by SEFL, Inc.		<b>Catalog Number:</b> MLFP22DS4050	<b>Type:</b>
<b>SEFL, Inc.</b> <i>"consistently lighting the way to green."</i>	<b>Job Name:</b> Miami Dade County N dade em housing	<b>Notes:</b>	
		SEFL INC.15-10320	

# Direct LED X Flange Panel

## SAVER SERIES



### SPECIFICATIONS:

Spacing Criteria	Available upon request		
Color Temperature (CCT)	3500	4100	5000
Lumens Delivered	3539	3773	3748
Efficacy (LM/W)	89 lm/w	95 lm/w	95 lm/w
CRI	>82		
Color Consistency	Proprietary binning for uniform color		
Lumen Maint. (L70)	50,000 hours		
Power Factor	Over 95%		
Input Voltage	120V-277V 50/60 Hz		
Power Consumption	40 watt nominal		
Dimming Switch	Standard 0-1-10V dimming Optional IR dimming		
Linking Lengths/Qty	15 cable feet x 20 panels		
Dimensions	23.8" x 23.8" x 4.0"		
Weight	9.25 lbs		
Housing	Steel		
Lens	Translucent white styrene		
Mounting	Fits standard grid for drop ceilings		
Operating Temperature	-30°F to 130°F (-2-c to 50c)		
Humidity	20% - 85% RH, non condensing		
Certification	cETLus, FCC, LM79, LM80		
Material Usage	RoHS compliant; no mercury		
Environment	Damp locations		
LED Class	L70 rated to 50,000 hours		
Warranty	5 year		

### IR DIMMING:

When all the units are joined, one remote control aimed at the Master Unit will control all the other units in the room, up to a maximum of 20 units. With one click, all the units can be turned on, dimmed and turned off. IR dimming is optional, see page 1 for ordering information.

\*\* The data shown is preliminary: please contact MaxLite for the most recent report data.

### OPTIONAL ACCESSORIES:

Order Number	Model Number	Short Description
70816	MLFPPK2X2	Flange mounting kit
71583	MLFPIRK	IR control kit
71119	MLCHKSQ	Cable hung kit
71372	MLSMKFP22D	Surface mount kit 2x2 direct lit



Submitted by SEFL, Inc.

**SEFL, Inc.**

*"consistently lighting the way to green"*

**Job Name:**  
Miami Dade County N dade em housing

**Catalog Number:**  
MLFP22DS4050

**Notes:**

**Type:**

SEFL INC.15-10320

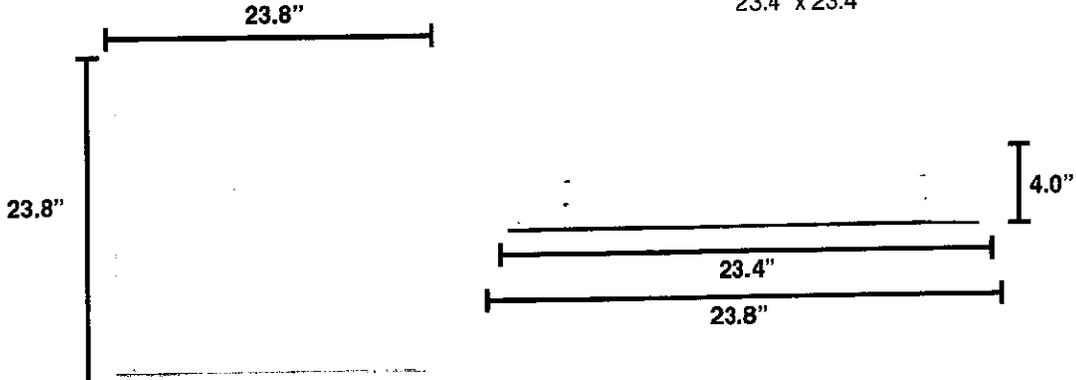
**SAVER SERIES**

**Envoy**  
LIGHTING

Your Commercial & Industrial Lighting SuperSource

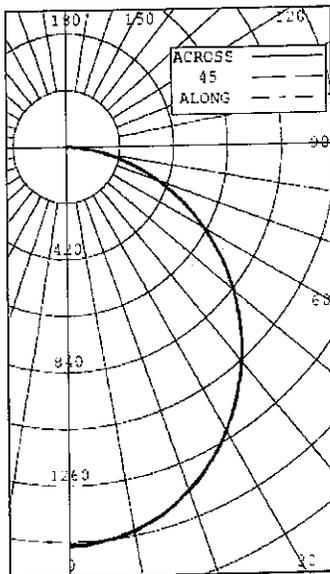
**DIMENSIONS:**

Reveal Dimensions:  
23.4" x 23.4"

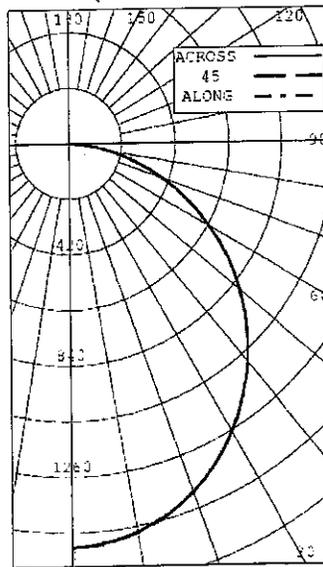


**PHOTOMETRICS:**

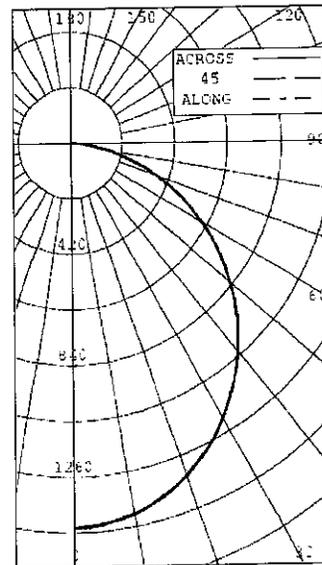
MLFP22DS4035



MLFP22DS4041



MLFP22DS4050



Lighting layouts and spacing criteria are available upon request.  
Installation instructions are available online; specifications are subject to change without notice.

