Bid Package 22.00.00 Plumbing

Addendum No. 22.00.00-01, Dated 9/5/25
Florida Sheriffs Association
Youth Learning Center & Blackburn-Hunt Building
Project No. 50000336

This Addendum No. 22.00.00-01, dated 9/5/25, is hereby made part of Bid Package No. 22.00.00 – Plumbing for Florida Sheriffs Association, Youth Learning Center & Blackburn-Hunt Building.

1. **Bid Due Date**
   a. **Bids are Due Tuesday, 9/9/25 @ 2pm.**

2. **Pre-Bid Conference Meeting Minutes – Bid Group C**
   The Pre-Bid Conference was held on 8/19/25 @ 11:00 am via Teams and in-person at the Ajax Midway office location. Pre-Bid meeting minutes are attached.

3. **Updated Drawings/Documents**
   - **Drawings**
     - 25.08.07_PRE-BID_RFI#012-#013_dated 8.7.25
       - Drawing Revised:
         - A7.3 - YLC & BBH DOOR & WINDOW ELEVATIONS & DETAILS
     - 25.08.08_Theater Changes_dated 8.8.25
       - Drawings Revised:
         - E1.1 - YOUTH LEARNING CENTER - 1ST FLOOR PLAN – LIGHTING
         - E2.1 - YOUTH LEARNING CENTER - 1ST FLOOR PLAN – POWER
         - E3.1 – RISER DIAGRAMS - YLC
         - E3.2 - RISER DIAGRAMS - BBH
         - E4.1 - PANEL SCHEDULES – YLC
     - 25.08.20_PRE-BID RFI#018_dated 8.19.25
       - Drawing revised:
         - A10.3 - BLACKBURN-HUNT BLDG 1ST AND 2ND FLOOR FINISH PLANS
     - 25.08.25_PRE-BID RFI#022_dated 8.22.25
       - Drawings Revised:
         - C-103 – SITE LAYOUT PLAN
         - C-105 – GRADING PLAN
         - C-105.1 – SWMF DETAIL SHEET
     - 25.08.25_PRE-BID RFI#023_dated 8.25.25
       - Drawings Revised:
         - A7.1 - YLC & BBH DOOR & WINDOW ELEVATIONS & DETAILS
         - A7.2 - YLC & BBH DOOR & WINDOW ELEVATIONS & DETAILS
     - 25.08.27_PRE-BID RFI#024_dated 8.27.25
       - Drawings Revised:
         - A10.2 - YOUTH LEARNING CENTER SECOND FLOOR FINISH PLAN
         - A10.3 - BLACKBURN-HUNT BLDG 1ST AND 2ND FLOOR FINISH PLANS
         - A10.4 - BLACKBURN-HUNT BLDG 2ND FLOOR FINISH PLAN - ADD ALTERNATE
     - 25.08.28_PRE-BID RFI#028_dated 8.28.25
       - Drawing Revised:
         - S0.1 – STRUCTURAL NOTES
     - 25.09.03_PRE-BID RFI#027_dated 9.3.25
       - Drawing Revised:
         - C-102 – DEMOLITION PLAN

Updated Drawings/Documents Cont.

- **Specifications**
  - 25.08.25_PRE-BID RFI#023_dated 8.25.25
    - Specification Section 080500 – Door Schedule

4. Pre-Bid RFI's

- RFI Log as of 9/5/25
  - Attachments are provided only as they pertain to the official response. Not all RFI's included an attachment and therefore n/a is noted.

END OF ADDENDUM 22.00.00-01.

Attachments:

- Pre-Bid Conference Meeting Minutes – Bid Group C
  - Site Utilization Plan
- Updated Drawings/Documents
  - Specification Index
  - A7.3 - YLC & BBH DOOR & WINDOW ELEVATIONS & DETAILS
  - E1.1 - YOUTH LEARNING CENTER - 1ST FLOOR PLAN – LIGHTING
  - E2.1 - YOUTH LEARNING CENTER - 1ST FLOOR PLAN – POWER
  - E3.1 – RISER DIAGRAMS - YLC
  - E3.2 - RISER DIAGRAMS - BBH
  - E4.1 - PANEL SCHEDULES – YLC
  - A10.3 - BLACKBURN-HUNT BLDG 1ST AND 2ND FLOOR FINISH PLANS
  - C-103 – SITE LAYOUT PLAN
  - C-105 – GRADING PLAN
  - C-105.1 – SWMF DETAIL SHEET
  - A7.1 - YLC & BBH DOOR & WINDOW ELEVATIONS & DETAILS
  - A7.2 - YLC & BBH DOOR & WINDOW ELEVATIONS & DETAILS
  - A10.2 - YOUTH LEARNING CENTER SECOND FLOOR FINISH PLAN
  - A10.3 - BLACKBURN-HUNT BLDG 1ST AND 2ND FLOOR FINISH PLANS
  - A10.4 - BLACKBURN-HUNT BLDG 2ND FLOOR FINISH PLAN - ADD ALTERNATE
  - S0.1 – STRUCTURAL NOTES
  - C-102 – DEMOLITION PLAN
  - 080500 – Door Schedule
- RFI Log as of 9/5/25 w/Attachments

PRE-BID CONFERENCE MEETING MINUTES

Pre-Bid Conference Meeting Minutes

Florida Sheriffs Association – Bid Group C
Youth Learning Center & Blackburn-Hunt Building
Project No. 50000336

Date: Monday, August 19th @ 10:00 am
Meeting Location: via Teams for those attending remotely and the Ajax Conference Room, 1080 Commerce Blvd, Midway, FL for those attending in-person.
Project Location: 2617 Mahan Blvd., Tallahassee, FL 32308
Meeting No. 1 (*This meeting was encouraged but not mandatory.)

BID PACKAGES in Bid Group C are as follows:

- BP 11.40.00 Food Service Equipment
- BP 21.00.00 Fire Suppression Systems
- BP 22.00.00 Plumbing
- BP 23.00.00 HVAC w/Controls wo/TB
- BP 25.05.93 HVAC Test & Balance
- BP 26.01.00 Electrical
- BP 27.30.00 Audio Visual System

ATTENDEES

Name	Company Name
Suzanna Thomas	Ajax Building Company
Allan Wooden	Ajax Building Company
Mike Imbler	Ajax Building Company
Larry Goodbread	Ajax Building Company
Kent Deeb	Triad Incorporated (FSA owner Rep)
Bill Lee	Suncoast Electric
William Kenyon	Ace Electric
Kerri West	Redwire
Clayton Lang	Lang Mechanical
Robin Saults	Therma-Save
Steve Dodson	Lewis & Thompson
Keith Vause	Vause Mechanical
Brooks Brandewie	Millerworks

I. Ajax provided introductions to the Team members along with the Architect firm and Owner's representative.

1. Ajax Team
   A. Allan Wooden, Operations Manager
   B. Michael Imbler, Senior Project Manager
   C. Suzanna Thomas, Asst Project Manager
2. CRA Architects
   A. Shay Divsalar
3. FSA Owner Representative
   A. Kent Deeb, Triad Incorporated

II. Safety Moment

1. Safety moment shared by Ajax. Be aware of your surroundings, keep a clean work site to avoid injury and wear proper footwear.

Pre-Bid Conference Meeting Minutes

Florida Sheriffs Association – Bid Group C
Youth Learning Center & Blackburn-Hunt Building
Project No. 50000336

III. Project Summary Reviewed

1. Overall Square Footage (YLC & BBH) – 37,114 gsf
2. Building 1 – Youth Learning Center (23,081 gsf, 2 -story bldg.)
   - A. 1st Floor – 10,833 gsf
     - i. Lobby & Info Space / Museum History Space / Office & Storage Space / Theater Space
   - B. 2nd Floor – 12,248 gsf
     - i. Office Spaces (Individual and Open) / Breakrooms / Conference Rooms / Training Spaces (Driving/Active Shooter Simulators/Multi-Purpose Dispatching) / Library/Classroom Space.
3. Building 2 - Black-Burn Hunt Building (14,033 gsf, 2-story bldg.)
   - A. 1st Floor – 7,166 gsf
     - i. Lobby / Multi-Purpose/Dining & Entertainment Area / Kitchenette
   - B. 2nd Floor – 6,867 gsf - *Future Space*
     - i. Add Alternates Space: Multi-Purpose/Emergency Operation Center / Office & Storage Space / Conference Rooms
4. Site – 5.2 acres
   - A. Turning Lanes / Access Roads / UG Utilities / Parking Lots / Sidewalks / Landscaping & Irrigation.

IV. Prequalification

1. All subcontractors and vendors were reminded they must be prequalified with Ajax prior to any subcontract being awarded. Subcontractors were encouraged to start this process now due to allow time for processing and applicable to all jobs.
   - A. Prequalification contact provided.
     - i. Jeff Chamberlain #(850) 224-9571
     - ii. jeff.chamberlain@ajaxbuilding.com

V. Site Utilization Plan

1. Reviewed and attached.

VI. Milestone Schedule

1. Reviewed as follows:
   - A. Notice to Proceed: 10/28/25
   - B. Substantial Completion (YLC): 10/19/27
   - C. Final Completion (YLC): 11/17/27
2. All trade specific dates are provided in the General Overview in Building Connected, the Trade Bid Package, and a full schedule is provided in the Master Bid Package schedule.

VII. Pre-Bid Conference Dates Reviewed

1. Scheduled in 4 packages by dates and Group
   - A. Bid Group A – GMP – 8/18/2025 @ 10:00AM – Site, Demolition & Doors, Frames & Hardware
   - B. Bid Group B – GMP – 8/18/2025 @ 10:00AM – Structural, Concrete, Masonry, & Entrances Storefronts
   - C. Bid Group C – GMP – 8/19/2025 @ 10:00AM – MEP's
   - D. Bid Group D – GMP – 8/19/2025 @ 2:00PM – Finishes, Partitions, Elevators & Landscaping

VIII. Bid Package Due Dates Reviewed

1. Scheduled in 4 packages by dates and Groups as follows:

A. **Bid Group A –** GMP **– Bids Due 9/02/2025 @ 2:00PM** – Site, Demolition & Doors, Frames & Hardware
B. **Bid Group B –** GMP **– Bids Due 9/04/2025 @ 2:00PM** – Structural, Concrete, Masonry, & Entrances Storefronts
C. **Bid Group C –** GMP **– Bids Due 9/09/2025 @ 2:00PM** – MEP's
D. **Bid Group D –** GMP **– Bids Due 9/12/2025 @ 2:00PM** – Finishes, Partitions, Elevators & Landscaping

2. Bid Delivery Methods Reviewed:
   A. Post bids to Building Connected (*preferred method as there is no limit to document size and the risk of not going thru via outlook due to attachment size, spam, etc.).
   B. Email bids to mike.imbler@ajaxbuilding.com and suzanna.thomas@ajaxbuilding.com.
      i. Reminded subcontractors limit of 10mb.
   C. Deliver hard copies to Ajax Building Co. at 1080 Commerce Boulevard, Midway, FL 32343 no later than the respective bid due date/time listed above.
3. Bids will be opened with Florida Department of Agriculture per the bidding schedule.
4. Document lists can be found in Master Bid Package.

IX. Building Connected

1. A general overview was provided for the use of Building Connected for bidding, documentation, etc.
2. General Documentation as shown and provided with each published bid packages:
   A. 1-Plans
   B. 2-Specifications
   C. 3-Other Docs (Geotech Report, Asbestos Survey)
   D. 4-Pre-Bid RFI's
   E. Master Bid Package
   F. Pre-Bid Conference Agendas
      i. Each agenda has provided the outline to the bid packages included in each Group. Bid Group A was updated to include Site Work & Utilities.
3. Trade Specific Documentation
   A. Trade Specific Bid Package (w/Scope of Work)

X. Master Bid Package *(applicable to all bidders) Reviewed with several highlights*:

1. SECTION 1 – Notice to Bidders
   A. Notice to Bidders
   B. Instructions to Bidders
      i. Reminder of the instructions to bid, schedule, project team, and list of documents provided in the Master Bid Package.
      ii. Please be sure and follow the (3) delivery methods also listed above.
   C. Annual Prequalification Request
   D. Project-Specific Prequalification Supplement
2. SECTION II – Proposal Form (*see Trade Bid Packages below)*
   A. Proposal Form
   B. Bid Bond (required for proposals > $40k)
   C. Bid Proposal Affidavit
3. SECTION III – Subcontract Agreement
   A. Subcontract
   B. Schedule "A" Scope of Work

C. Attachment "A" Addendum to Subcontract Agreement
D. Attachment "A-1" Additional Terms & Conditions
E. Attachment "B" Safety Policy
F. Attachment "C" Subcontractor Insurance Requirements
G. Attachment "C[D]" "Design Professionals" Insurance Coverage Requirements
H. Attachment "D" Subcontractor Performance Bond & Default Insurance Requirements
I. Attachment "E" Document List (Drawings, Specifications, Other Documents)
    i. This document has been updated with revisions to the following drawings (addendum forthcoming)
        a. **A7.3** - 8/7/25 PRE-BID_RFI #012 & 013
        b. **E1.1 / E2.1 / E3.1 / E3.2 / E4.1** - 8/8/25 Addendum No.1_Theater Changes
J. Attachment "F" Subcontractor Guarantee & Warranty
K. Attachment "H" Assignment of Antitrust Claims
L. Attachment "I" Public Entity Crimes Statement
M. Attachment "J" Affidavit & Cert Compliance (E-Verify)
N. Attachment "K" Affidavit & Certificate of Compliance (Department of Homeland Security E-Verify Program)

4. SECTION IV – Special Conditions
    A. Special Condition No. 1 – Master Project Schedule
    B. Special Condition No. 2 – Temporary Requirements (SUP)
    C. Special Condition No. 3 – Employee Parking
    D. Special Condition No. 4 – Hours of Work (7:00 AM – 3:30 PM)
    E. Special Condition No. 5 – Document Order of Precedence
    F. Special Condition No. 6 – Re-Testing & Re-Inspecting
    G. Special Condition No. 7 – Clean-Up
        i. *Subcontractors were reminded of the fee to include in the base bid; whereas an amount is provided in the Trade Specific Bid Package.
    H. Special Condition No. 8 – Owner Provided Equipment *(N/A)*
    I. Special Condition No. 9 – Public Entity Crime and Convicted Vendor List
    J. Special Condition No. 10 – Jobsite Communication
    K. Special Condition No. 11 – Direct Owner Purchases – N/A
    L. Special Condition No. 12 – Rain Days (Leon County)
    M. Special Condition No. 13 – MWBE Participation & Disadvantaged Worker
        i. Ajax made note that MWBE is not a requirement for this project; however, Ajax encourages the participation of MWBE's.
    N. Special Condition No. 17 – Worker Screening Requirements
    O. Special Condition No. 18 – Procore
    P. Special Condition No. 19 – BIM Requirements
    Q. Special Condition No. 20 – Coronavirus Disease 2019 (COVID-19) Protocols & Reqm.
    R. Special Condition No. 21 – Material & Equipment Escalation
    S. Special Condition No. 22 – Oracle Textura Payment Management (TPM) System
        i. *Subcontractors were reminded of the fee to include in the base bid and the calculation provided in this special condition of .22% with a maximum fee of $5,000.
5. SECTION V – Security (reminder Bond required for proposals > $40k)

A. Payment Bond
B. Performance Bond
C. Surety's Bond Affidavit

XI. Trade-Specific Bid Packages Reviewed

1. Proposal Form
   A. Subs were reminded the Bid must be submitted on required Ajax Proposal Form.
      i. If a subcontractor is bidding more than (1) bid package, the subcontractor must submit the separate bids on the applicable trade bid proposal form.
   B. Provide all requested alternates.
      i. ***Bid Alternate #1*** – Base Bid plus an add for the interior finishes (drywall, flooring, paint, cabinetry, casework, ceiling tile, misc. specialties, non-life-safety required doors and hardware) on the second floor of the Blackburn-Hunt Building. ***Alternate #1 should be presented as a add*** *to include these items in the bid.*
      ii. ***Bid Alternate #2*** – Base Bid less the Blackburn-Hunt Building complete except building pad, foundations, under-slab rough-in, and the slab on grade. ***Alternate #2 should be presented as a credit*** *independent from Alternate #1.*
2. Specific Bid Package Review – Scope of Work
   A. Trade Bid Packages are all provided in the "Files" section of building connected. When trying to determine and/or make clarifications on who has what, the bid packages are all posted to assist in delineation and identifying responsible subcontractors.
   B. This package is the package where trade specific items are located to include the scope of work, and your trade specific schedule.
   C. This is also where each subcontractor will find the identified amount to include in the base bid for Special Condition No. 7 – Clean-up.

XII. Pre-Bid RFI's Reviewed

1. Due (2) weeks prior to bid date (date is provided in Building Connected (Trade Package Overview)).
   A. Bid Due Dates reviewed as follows:
      i. Bid Group A – August 19th
      ii. Bid Group B – August 21st
      iii. Bid Group C – August 26th
      iv. Bid Group D – August 29th
2. A/E Responses Due – within 5 working days.
3. See also current executed Pre-Bid RFI's in Building Connected.
   A. Pre-Bid RFI's will be published upon execution. Ajax will not await an addendum to release these (although an addendum will be forthcoming). This is to assist with providing information asap to subs.

XIII. Comments from CRA Comments

1. CRA did not have any further comments to provide.

XIV. Open Discussion (& Other Items) Reviewed

- Stand-Alone Packages (standalone bid items that will be selected individually or as a combination)
  - Bid Package 05.00.00 – Structural Steel & Misc. Steel
  - Bid Package 05.10.00 – Misc. Metals
- All subcontractors were advised that other bid packages are all inclusive; therefore. the cost for both buildings should be included as a whole. Ajax also made note and emphasized the (2) buildings will not to be separated individually.

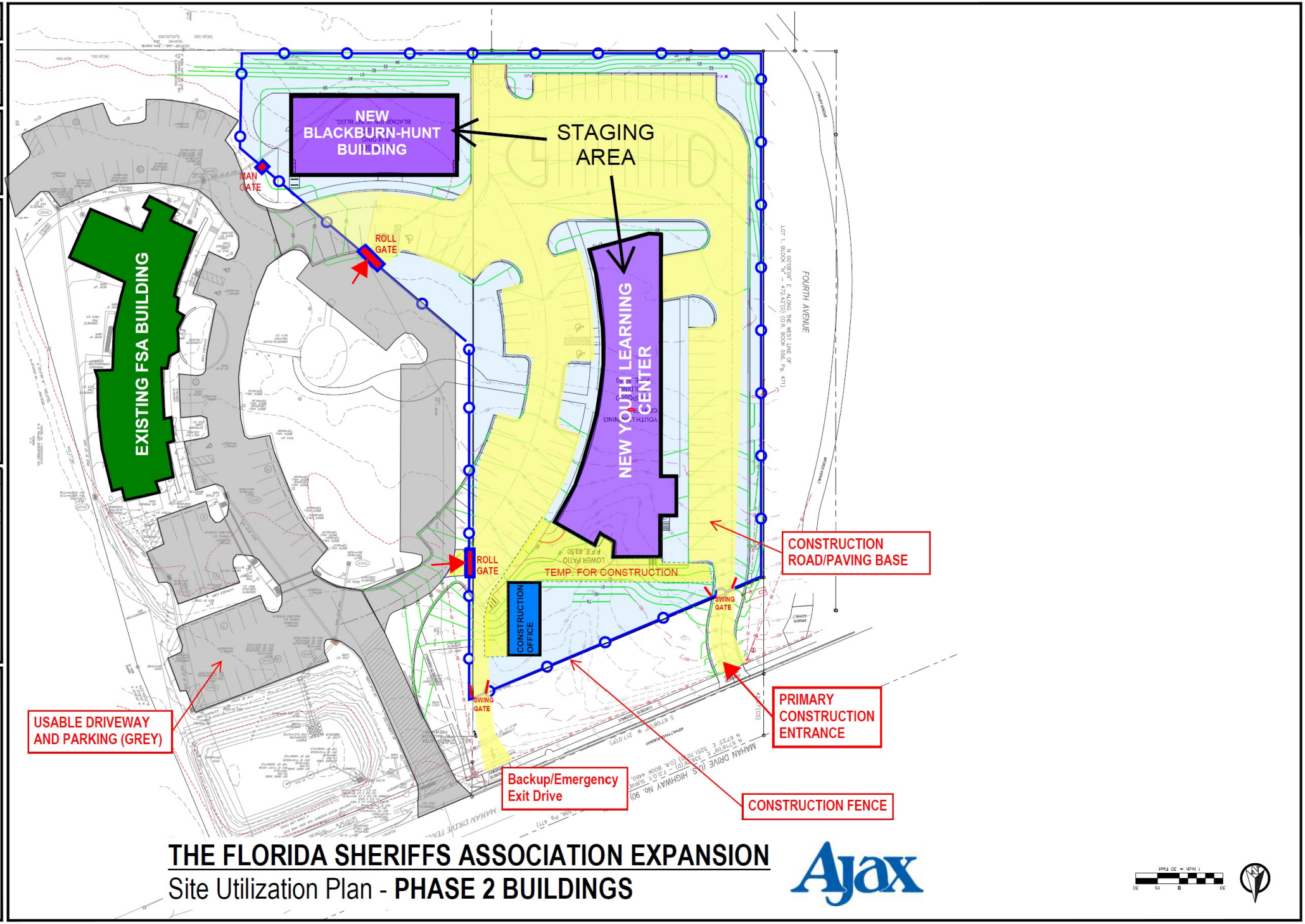
The intent of the alternates is purely for financial identification purposes only and to assist Florida Sheriffs Association with allocating funds to their respective building. Ajax has no intent to award (2) subcontractors under one trade package.

- Warranty Dates were reviewed with the clarification of warranty start dates to commence on the following respective to each building:
  - YLC & BBH
    - SOW has Warranties Relative to Substantial Completion; (2) Substantial Dates hence (2) Warranty Start Dates.
    - As a voluntary alternate, subcontractors are to provide an amount (along with a monthly rate) for an extended warranty thru the Final Completion Date.
  - Be specific and clear on support documentation the manufacturer start/end dates regarding warranties.
  - Initial Use vs. Substantial Completion Start Dates
- Theater Changes and Owner Furnished Item Clarifications discussed as follows:
  - Theater Revisions are posted in Building Connected and to be issued in a forthcoming addendum with the following Electrical drawing revisions:
    - E1.1 - YOUTH LEARNING CENTER - 1ST FLOOR PLAN – LIGHTING
    - E2.1 - YOUTH LEARNING CENTER - 1ST FLOOR PLAN – POWER
    - E3.1 – RISER DIAGRAMS - YLC
    - E3.2 - RISER DIAGRAMS - BBH
    - E4.1 - PANEL SCHEDULES – YLC
  - RFI #015_PRE-BID_OFOI's and OFCI's
    - Ajax made note of where these were posted in Building Connected and to be issued in a forthcoming addendum.
    - Ajax made note that the owner has hired a Theater Consultant along with a Museum Consultant responsible for furnishing and installing trade specific items. For items that will be installed by the Subcontractors these items have been identified in this matrix and updated per the contract Documents.

Meeting adjourned at 10:30 am.

END OF MEETING MINUTES

Attachments:
Site Utilization Plan



THE FLORIDA SHERIFFS ASSOCIATION EXPANSION

Site Utilization Plan - **PHASE 2 BUILDINGS**

Ajax

1 Inch = 30 Feet

FLORIDA SHERIFFS ASSOCIATION EXPANSION
GRADING PLAN
LEON COUNTY FLORIDA

SHEET C-102
PROJECT No. 2404B.00

DRAWN BY: D.S.
CHECKED BY: S.K.M.
DATE: 01/17/2025
HORZ. SCALE: 1" = 30'
VERT. SCALE:

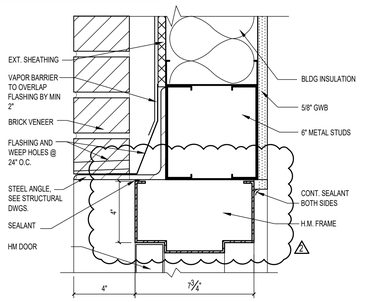
SEAN K. MARSTON, P.E.
LICENSE NUMBER 55987

DATE | BY | REVISIONS

URBAN CATALYST CONSULTANTS, INC.
2951 REMINGTON GREEN CIRCLE, SUITE D
TALLAHASSEE, FLORIDA 32308
PHONE: (850) 999-4241
WWW.UCCENG.COM
FI CA 00030572

P:\SHARED\FL-FLORIDA SHERIFFS ASSOC. EXPANSION\SURVEY\DESIGN\GRADING PLAN.DWG

UPDATED DRAWINGS/DOCUMENTS



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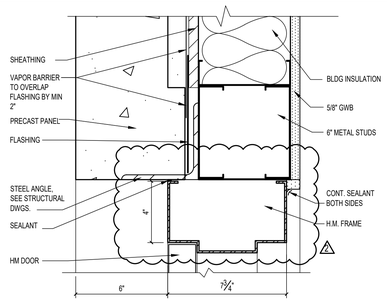

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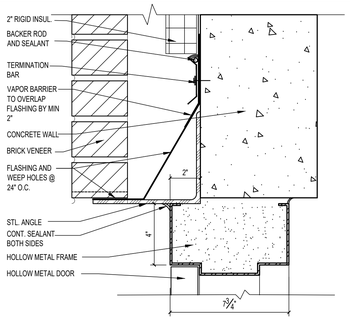

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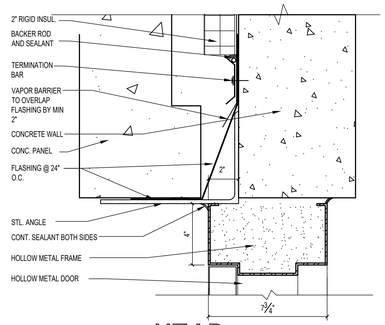

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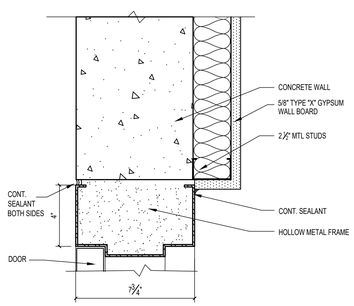

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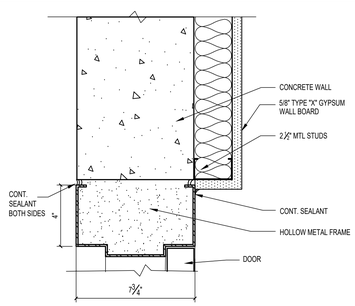

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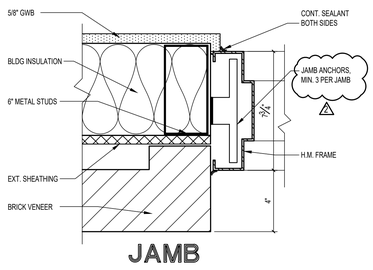

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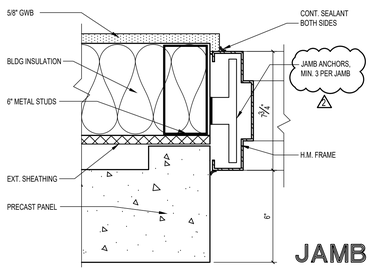

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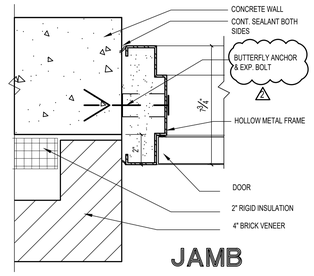

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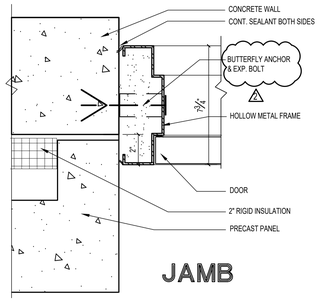

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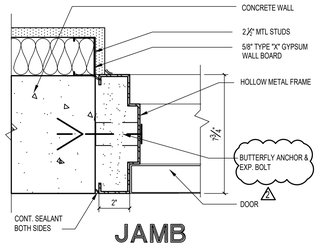

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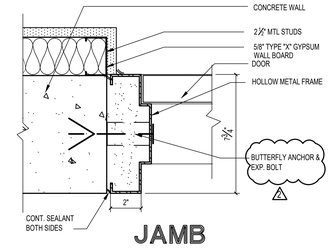


JAMB

1 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

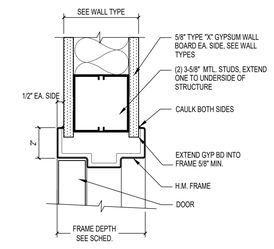
2 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

3 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

4 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

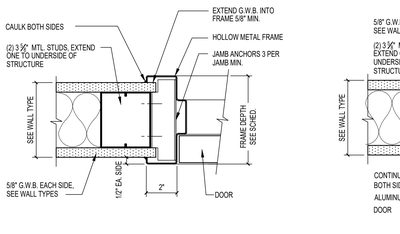
5 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

6 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"



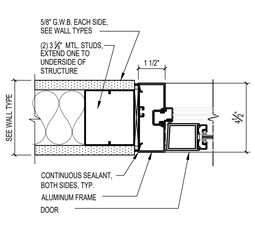
NOTE: DOOR FRAME THROAT DIMENSION SHALL BE COORDINATED WITH OVERALL GWB AND METAL STUD THICKNESS.

7 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

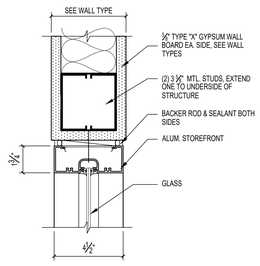


NOTE: DOOR FRAME THROAT DIMENSION SHALL BE COORDINATED WITH OVERALL GWB. AND METAL STUD THICKNESS.

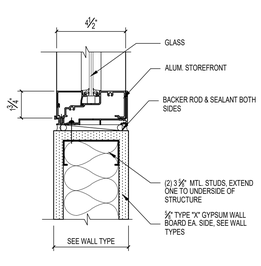
8 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"



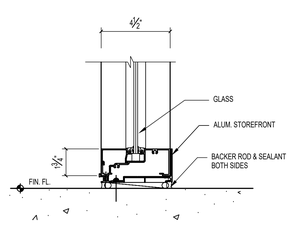
9 INTERIOR STOREFRONT DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"



10 INTERIOR STOREFRONT WINDOW HEAD & JAMB — A7.3 / A7.3 — SCALE: 3" = 1'-0"



11 INTERIOR STOREFRONT WINDOW SILL — A7.3 / A7.3 — SCALE: 3" = 1'-0"



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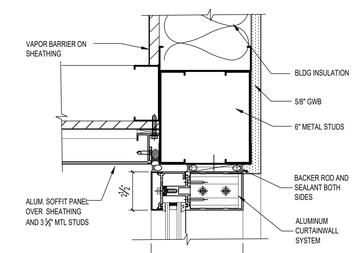
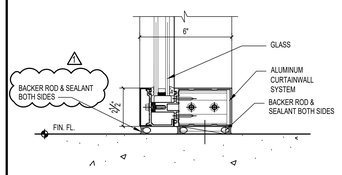


13 CURTAINWALL WINDOW HEAD — A7.3 / A7.3 — SCALE: 3" = 1'-0"



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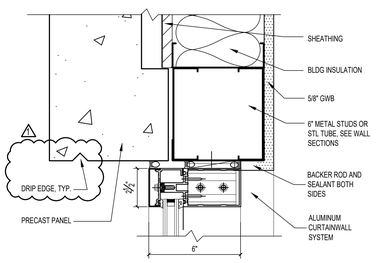
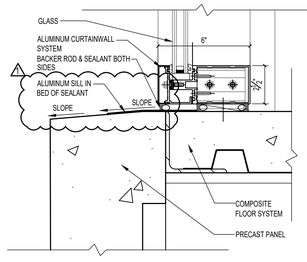
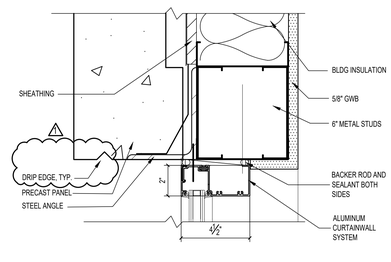


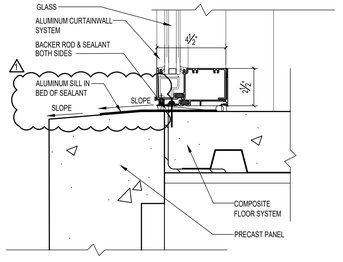
15 CURTAINWALL WINDOW HEAD — A7.3 / A7.3 — SCALE: 3" = 1'-0"



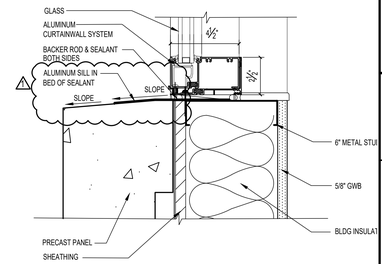
16 CURTAINWALL WINDOW SILL — A7.3 / A7.3 — SCALE: 3" = 1'-0"



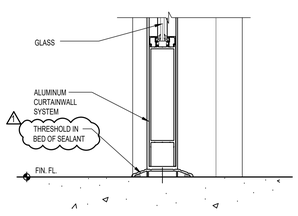
17 STOREFRONT WINDOW HEAD — A7.3 / A7.3 — SCALE: 3" = 1'-0"



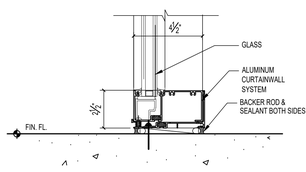
18 STOREFRONT WINDOW SILL — A7.3 / A7.3 — SCALE: 3" = 1'-0"



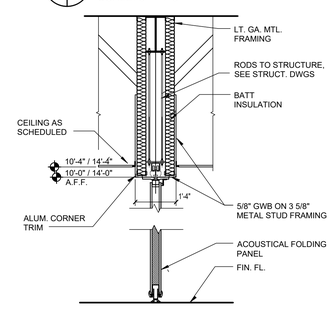
19 STOREFRONT WINDOW SILL — A7.3 / A7.3 — SCALE: 3" = 1'-0"



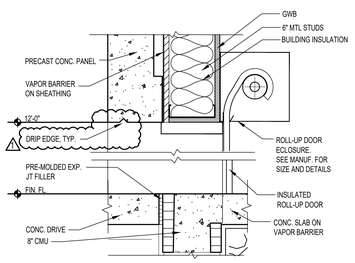
20 CURTAINWALL BOTTOM RAIL DETAIL — A7.3 / A7.3 — SCALE: 3" = 1'-0"



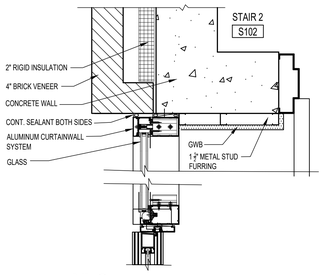
21 STOREFRONT WINDOW SILL — A7.3 / A7.3 — SCALE: 3" = 1'-0"



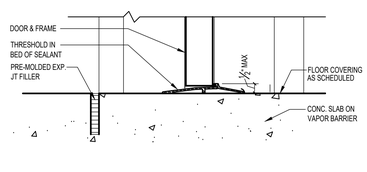
22 FOLDING PARTITION DETAIL — A7.2 / A7.2 — SCALE: 1/2"=1'-0"



23 ROLL-UP DOOR DETAIL — A7.3 / A7.3 — SCALE: 1-1/2"=1'-0"



24 YLC CURTAINWALL PLAN DETAIL — A7.3 / A7.3 — SCALE: 1-1/2" = 1'-0"



25 THRESHOLD DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN-HUNT BUILDING

MAHAN DRIVE TALLAHASSEE, FL

CRA ARCHITECTS

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Interior Designers
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SUBMITTAL

PHASE	DATE	DRAWN	CHECK
DD	2-28-25	R. SHAH	S. DIVSALAR
50% CD	4-15-25	R. SHAH	S. DIVSALAR
100% CD	7-18-25	R. SHAH	S. DIVSALAR
-			
-			
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REVISIONS

#	DATE	COMMENTS
1	8-7-25	RFI # 12
2	8-7-25	RFI # 13
3		
4		
5		
6		
7		

CRA PROJ.#: 24029

PHASE: **CONSTRUCTION DOCUMENTS**

SHEET TITLE
YOUTH LEARNING CENTER & BLACKBURN-HUNT DOOR & WINDOW ELEVATIONS & DETAILS

A7.3 of .

G:\Production\CRA Jobs\2024\24029 - FSA - New Office Building - Museum\Drawings\CRA DWGs\@@@@@Post Submittal\24029 A7.1-A7.3 DR MIN - RFI 12 & 13.dwg, 8/7/2025 12:40:49 PM, DWG To PDF.pc3

C:\PRODUCTION\CRA JOBS\2024\24029 - FSA - NEW OFFICE BUILDING - MUSEUM\DRAWINGS\CRA DWGS\@@@@@POST SUBMITTAL\24029 A7.1-A7.3 DR MIN - RFI 12 & 13.DWG, 8/7/2025 12:40 PM, KAILE SMITH

EMERGENCY LIGHTING CONTROL RELAYS: ELCR-YLC

CONTROL TYPE: MATCH CONTROLLING RELAY

PANEL NOTES:

1. ELCR'S IN THIS SCHEDULE ASSOCIATED WITH LIGHTING CONTROL PANEL

RELAY	SERVING	LIGHTING CONTROL ZONE #	PANEL FEED	CONTROL WITH ZONE #	NOTES
1	1ST FL MUSEUM PENDANTS	E1	1LA	R1	
2	2ND FL CORRIDOR	E2	2LA	R2	
3	2ND FL LIBRARY	E3	2LA	R3	
4	EXTERIOR	E4	1LA	R4	SUNSET-SUNRISE: ON

LIGHTING CONTROL PANEL: LCP-YLC

CONTROL TYPE: DIMMING NUMBER OF RELAYS: VOLTAGE: MOUNTING: RECESSED

PANEL NOTES:

1. PROVIDE LIGHTING MANAGEMENT CONTROL PANEL WITH INTERNAL SCHEDULER. WATTSTOPPER LMCPXX-10V OR EQUAL

2. CORRIDOR LIGHTING SHALL BE TIME-OF-DAY SCHEDULE ON/OFF WITH OCCUPANCY OVERRIDE DURING UNOCCUPIED HOURS. (EXAMPLE: 6AM-6PM ON). COORDINATE WITH OWNER FOR SPECIFIC HOURS OF OPRATION.

3. EXTERIOR LIGHTING SHALL BE SCHEDULED ON/OFF (EXAMPLE: 7PM-10PM & 5AM-7AM ON) WITH PHOTOCELL OVERRIDE.

RELAY	SERVING	LIGHTING CONTROL ZONE #	PANEL FEED	CONTROL WITH ZONE #	NOTES
1	1ST FL MUSEUM PENDANTS	R1	1LA	E1	
2	2ND FL CORRIDOR	R2	2LA	E2	
3	2ND FL LIBRARY	R3	2LA	E3	CONTROL WITH BUTTONS.
4	EXTERIOR	R4	1LA	E4	SUNSET-SUNRISE: ON
5	PARKING LOT	R5	1LA		SUNSET-SUNRISE: ON
6	BUILDING SIGNAGE	R6	1LA		SUNSET-SUNRISE: ON
7	1ST FL MUSEUM TRACK LTS		1LA		BY OTHERS
8	1ST FL MUSEUM TRACK LTS		1LA		BY OTHERS

GENERAL NOTES

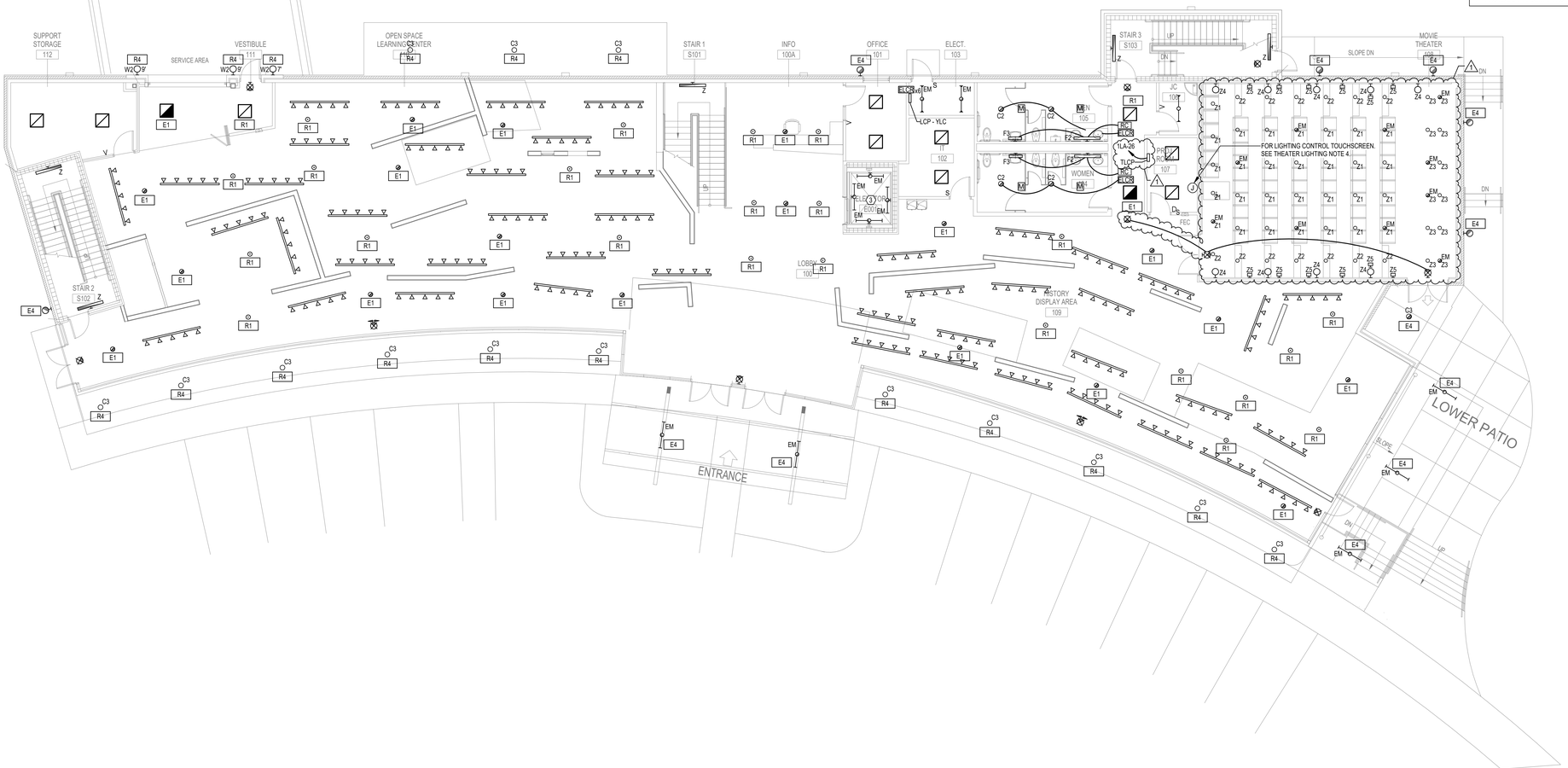
1. ALL 2X2 FIXTURES SHALL BE TYPE 'A' U.N.O.
2. ALL RECESSED DOWNLIGHTS SHALL BE TYPE 'C' U.N.O.
3. ALL EXIT SIGNS SHALL BE TYPE 'E' U.N.O.
4. ALL STRIP FIXTURES SHALL BE TYPE 'F' U.N.O.
5. ALL ROUND PENDANT FIXTURES SHALL BE TYPE 'P' U.N.O. MOUNT PENDANTS SO THAT THE BOTTOM OF THE CYLINDER IS 6" HIGHER THAN THE BOTTOM OF THE NEARBY TRACK LIGHTING. COORDINATE WITH MUSEUM CONSULTANTS FOR TRACK LIGHTING MOUNTING INFORMATION.
6. EXTERIOR WALL PACK FIXTURES SHALL BE TYPE 'W' U.N.O. MOUNT AT 10' AFF U.N.O.
7. FOR FIXTURES INDICATED TO BE CONTROLLED BY LIGHTING CONTROL PANEL RELAY OR DIMMING MODULE, SEE LIGHTING CONTROL PANEL SCHEDULES FOR CIRCUITNG.
8. LOCATION FOR PULL BOXES AND CONTROLLERS (RC, ELCR, ETC.) ON PLANS ARE DIAGRAMMATIC AND SHOWN FOR CLARITY. COORDINATE EXPOSED LOCATIONS WITH THE ARCHITECT. GENERALLY, LAYOUT SHALL BE NEAT, ORGANIZED, AND IN LINE WITH EXPOSED RACEWAYS AND BUILDING LINES. IN ROOMS/AREAS WITH INACCESSIBLE CEILINGS LOCATE DEVICES IN ADJACENT ACCESSIBLE SPACE OR PROVIDE CEILING ACCESS PANEL: COORDINATE LOCATION OF ACCESS PANEL WITH ARCHITECT.
9. THE LOCATION OF CEILING AND WALL MOUNT DEVICES IS DIAGRAMMATIC AND SHOWN FOR CLARITY. REFER TO THE ARCHITECTURAL RCP PLAN FOR THE EXACT LOCATION OF ALL CEILING MOUNT DEVICES. WHERE NOT INDICATED ON THE ARCHITECT'S RCP PLAN COORDINATE WITH THE ARCHITECT PRIOR TO INSTALLATION. COORDINATE WITH THE ARCHITECT FOR THE FINAL LOCATION OF ALL EXTERIOR AND INTERIOR WALL MOUNT DEVICES. DEVICES SHALL BE INSTALLED IN THE CENTER OF THE CEILING TILES WHERE ACOUSTICAL CEILING SYSTEMS ARE SPECIFIED AND, AS A GENERAL RULE, ON THE SAME CENTERLINES WITH OTHER ADJACENT CEILING-MOUNTED DEVICES REGARDLESS OF CEILING TYPE. CONTACT THE ARCHITECT/ENGINEER FOR DIRECTIONS PRIOR TO INSTALLATION SHOULD THE LOCATION OF A SPECIFIED DEVICE NOT BE CLEARLY INDICATED.

LIGHTING KEYNOTES

1. LIGHTING CONTROL PANEL AND NETWORK CONTROLLER ENCLOSURE - SEE DETAIL E/E5.1.
2. MOUNT ELCR ADJACENT TO LCP IN A NEAT AND ORDERLY FASHION. THERE SHALL BE AN ELCR CORRESPONDING TO EACH RELAY IN USE IN THE LCP. CLEARLY LABEL DEVICE ELCR#-RS WHERE # CORRESPONDS TO THE LCP NUMBER AND S CORRESPONDS WITH THE CONTROLLING RELAY. REFER TO DETAIL E/E5.1.
3. WALL-MOUNTED LIGHT FIXTURES FOR ELEVATOR PIT. REFER TO DETAIL A/E5.1.

THEATER LIGHTING NOTES

1. ALL LIGHTING FIXTURES, LIGHTING CONTROL PANEL, AND TOUCHSCREEN IN THE THEATER AND PROJECTOR ROOM ARE OWNER FURNISHED, CONTRACTOR INSTALLED. COORDINATE EXACT LOCATIONS OF FIXTURES AND EQUIPMENT WITH THEATER CONSULTANT.
2. ROUTE (2) 120V CIRCUITS THROUGH LIGHTING CONTROL PANEL. ONE CIRCUIT FOR LIGHTS (DOWNLIGHTS, WALL SCONCES AND STEP LIGHTS AND ONE CIRCUIT FOR FLOOR BOXES FOR THE UNDER SEAT LIGHTS.
   A. THE 120V CIRCUIT FOR THE FLOOR BOXES SHALL BE A DEDICATED ZONE AND ON/OFF ONLY.
   B. THE 120V CIRCUIT FOR THE LIGHTS SHALL BE SPLIT INTO (5) ZONES AS SHOWN ON THE FLOOR PLAN. RUN BRANCH CIRCUIT AND 0-10V DIMMING WIRES FROM LIGHTING CONTROL PANEL TO EVERY LIGHTING FIXTURE.
3. CONNECT EXIT SIGNS IN THEATER TO UNSWITCHED CIRCUIT AS SHOWN ON THE FLOOR PLAN.
4. PROVIDE 3/4" RACEWAY FROM LIGHTING CONTROL PANEL TO TOUCHSCREEN.



North 1 YOUTH LEARNING CENTER - FIRST FLOOR PLAN - LIGHTING

1/8" = 1'-0"

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H2E PROJECT No: 24179

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Florida Registry #1485
Trey Gossett, P.E. #74534

Trey Gossett, State of Florida, Professional Engineer, License No. **74534**

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Date: **08/08/2025**

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN-HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL.

CRA ARCHITECTS

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Submittal

Phase	Date	Drw	Chk
DESIGN DEVELOPMENT	02-28-25	BJM	THG
50% CD	04-15-25	BJM	THG
100% CD	07-18-25	BJM	THG

Revision

#	Description	Date
1	THEATER CHANGES	08/08/25

CRA Project # **24029**

Phase: **CONSTRUCTION DOCUMENTS**

SHEET TITLE

YOUTH LEARNING CENTER - 1ST FLOOR PLAN - LIGHTING

E1.1

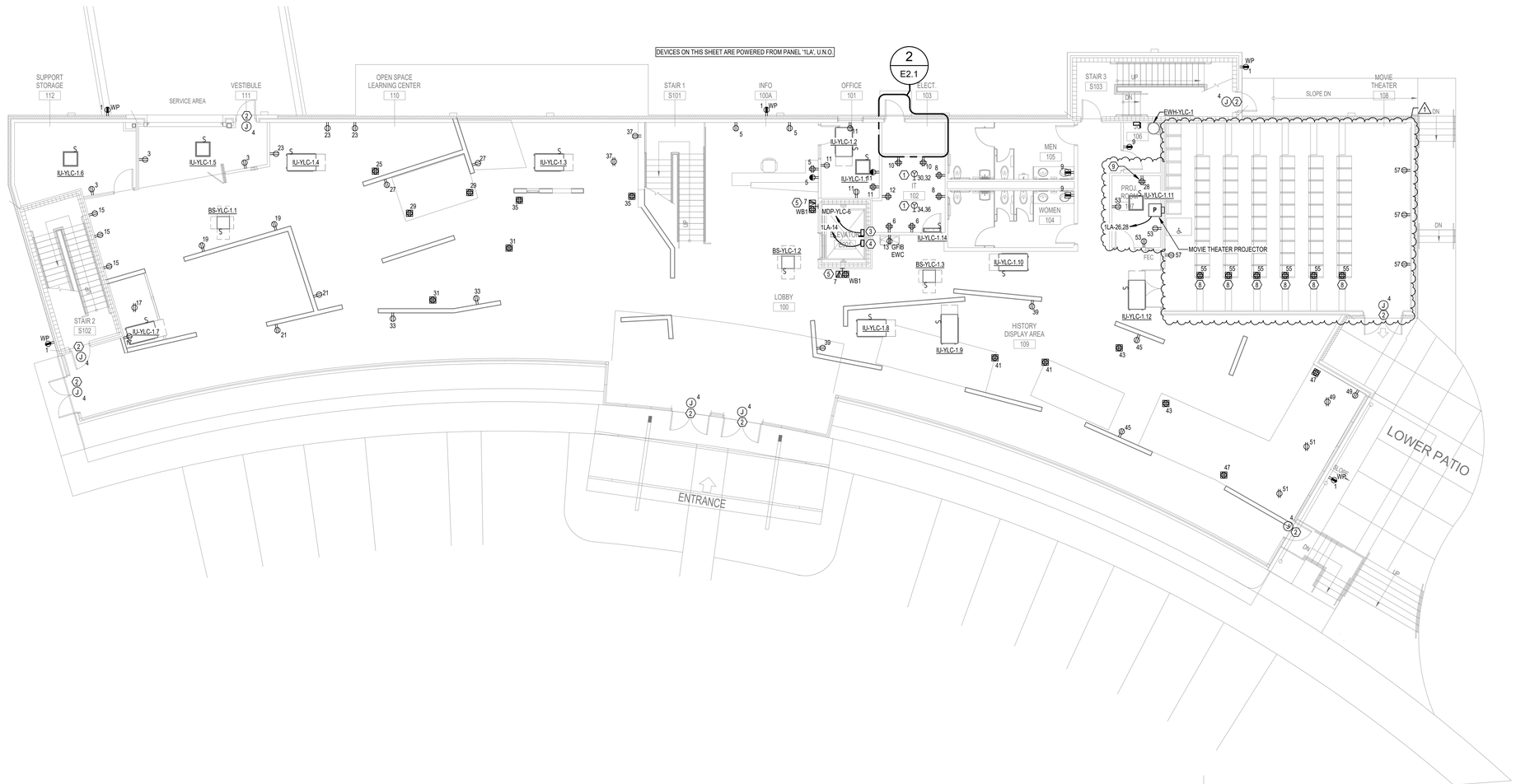
Autodesk Docs://24-179 Florida Sheriffs Association - Learning Center/24-179 Florida Sheriffs Association - Learning Center - MEP Central_R24.rvt
8/8/2025 10:09:19 AM

GENERAL NOTES

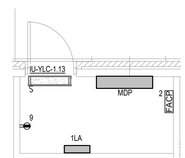
1. DEVICES OUTSIDE OF DWELLING UNITS SHALL BE POWERED FROM PANELS AS DELINEATED BY PANEL DIVISION LINES, U/NO. DEVICES ARE LABELED WITH CIRCUIT NUMBERS CORRESPONDING TO THE DESIGNATED PANEL.
2. BACK BOXES AND CONDUITS TO ALL WALL MOUNT DEVICES SHALL BE CONCEALED IN THE WALL, EXCEPT IN ELECTRICAL, TELECOM, AND MECHANICAL ROOMS. COORDINATE THE EXACT LOCATION OF DEVICES WITH THE ARCHITECT.
3. THE ELECTRICAL CONTRACTOR SHALL REFERENCE TELECOMMUNICATIONS DRAWINGS, ACCESS CONTROL DRAWINGS, AND SURVEILLANCE DRAWINGS FOR THE SCOPE OF WORK THAT EC IS RESPONSIBLE FOR ASSOCIATED WITH THOSE SYSTEMS.
4. THE LOCATION OF CEILING AND WALL MOUNT DEVICES IS DIAGRAMMATIC AND SHOWN FOR CLARITY. REFER TO THE ARCHITECTURAL RCP PLAN FOR THE EXACT LOCATION OF ALL CEILING MOUNT DEVICES. WHERE NOT INDICATED ON THE ARCHITECT'S RCP PLAN COORDINATE WITH THE ARCHITECT PRIOR TO INSTALLATION. COORDINATE WITH THE ARCHITECT FOR THE FINAL LOCATION OF ALL EXTERIOR AND INTERIOR WALL MOUNT DEVICES.
5. MECHANICAL EQUIPMENT DISCONNECTS SHOWN ON PLANS ARE DIAGRAMMATIC AND SHOWN FOR CLARITY. LOCATE DISCONNECTS SO ACCESSIBLE WITH WORKING CLEARANCE PER NEC. REFER TO THE MECHANICAL SCHEDULES FOR EQUIPMENT CIRCUIT AND DISCONNECT SWITCH INFORMATION.

KEYNOTES

1. MOUNT L6-30P RECEPTACLE TO UNDER SIDE OF LADDER RACK DIRECTLY ABOVE COMMUNICATIONS RACK. COORDINATE PLACEMENT WITH TELECOMMUNICATIONS CONTRACTOR.
2. POWER TO DOOR HARDWARE. REFER TO SECURITY PLANS FOR ROUGH-IN DETAILS.
3. SHUNT TRIP SWITCH FUSED DISCONNECT, FUSED PER ELEVATOR MANUFACTURERS REQUIREMENTS COOPER BUSMAN PS-1-T45-R2-K-G-B-F-1-TYPE1 OR EQUAL. SWITCH SHALL BE EQUIPPED WITH KEYED TEST SWITCH, FIRE SAFETY INTERFACE RELAY, CONTROL TRANSFORMER, FIRE ALARM VOLTAGE MONITORING RELAY AND GREEN PILOT LIGHT INDICATING SWITCH CLOSED.
4. 20A/1P/T1 ENCLOSED CIRCUIT BREAKER FOR ELEVATOR CAB LIGHTING.
5. COORDINATE RECEPTACLE AND DATA DROP MOUNTING HEIGHT FOR DISPLAY WITH ARCHITECTURAL DRAWINGS.
6. 120V CIRCUIT FOR PROJECTION SCREEN.
7. 120V CIRCUIT FOR PROJECTOR.
8. ROUTE CIRCUIT THROUGH LIGHTING CONTROL PANEL IN PROJECTOR ROOM. SEE LIGHTING PLAN FOR ADDITIONAL DETAILS.
9. OUTLET FOR AMPLIFIER RACK. COORDINATE LOCATION WITH THEATER CONSULTANT.



North 1 YOUTH LEARNING CENTER - FIRST FLOOR PLAN - POWER
1/8" = 1'-0"



2 E2.1 ENLARGED ELECTRICAL ROOM PLAN - POWER
1/4" = 1'-0"

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Submittal

Phase	Date	Drw	Chk
DESIGN DEVELOPMENT	02-28-25	BJM	THG
50% CD	04-15-25	BJM	THG
100% CD	07-18-25	BJM	THG

Revision

#	Description	Date
1	THEATER CHANGES	08/08/25

CRA Project # **24029**

Phase: **CONSTRUCTION DOCUMENTS**

SHEET TITLE
YOUTH LEARNING CENTER - 1ST FLOOR PLAN - POWER

E2.1

Autodesk Docs://24-179 Florida Sheriffs Association - Learning Center/24-179 Florida Sheriffs Association - Learning Center_MEP Central_R24.rvt
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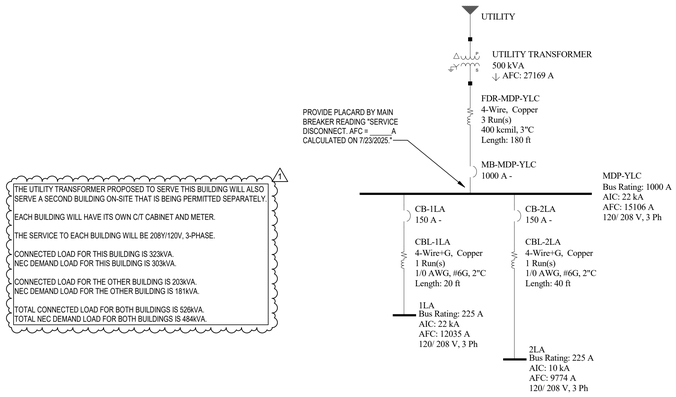
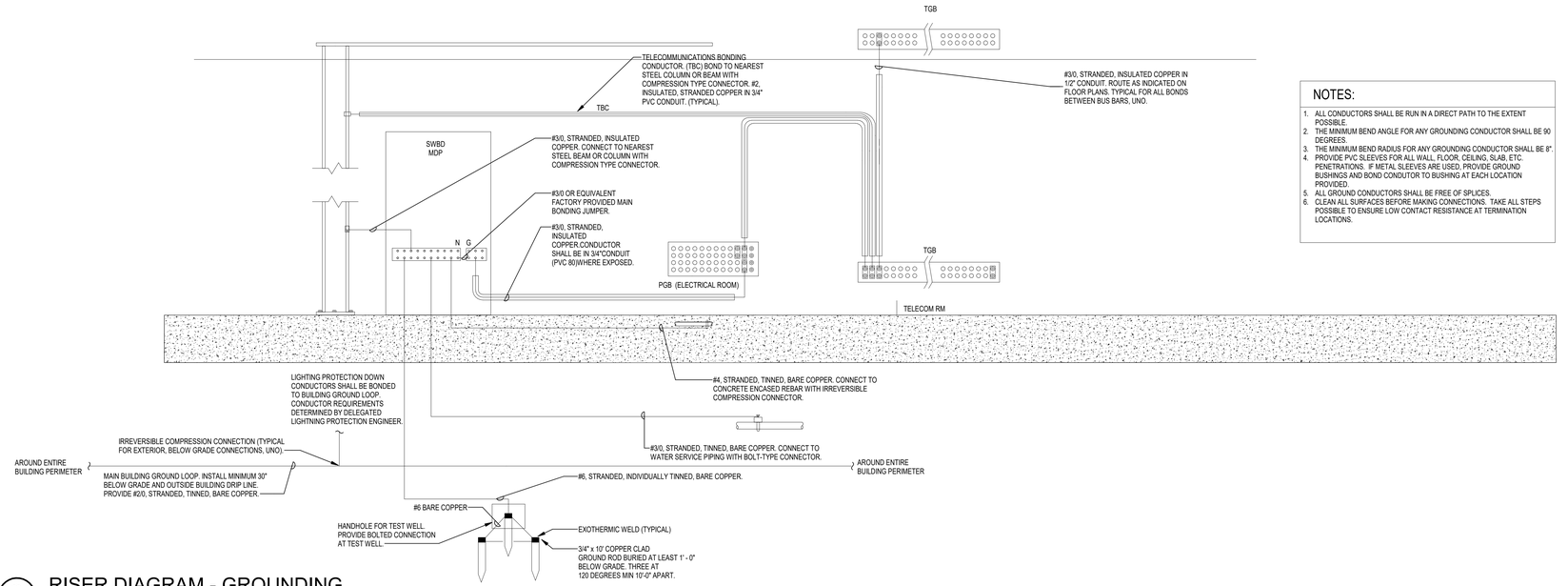


1 ONELINE RISER DIAGRAM - YLC

SCALE: N.T.S



2 RISER DIAGRAM - GROUNDING

SCALE: N.T.S

NOTES:

1. ALL CONDUCTORS SHALL BE RUN IN A DIRECT PATH TO THE EXTENT POSSIBLE.
2. THE MINIMUM BEND ANGLE FOR ANY GROUNDING CONDUCTOR SHALL BE 90 DEGREES.
3. THE MINIMUM BEND RADIUS FOR ANY GROUNDING CONDUCTOR SHALL BE 8".
4. PROVIDE PVC SLEEVES FOR ALL WALL, FLOOR, CEILING, SLAB, ETC. PENETRATIONS. IF METAL SLEEVES ARE USED, PROVIDE GROUND BUSHINGS AND BOND CONDUTOR TO BUSHING AT EACH LOCATION PROVIDED.
5. ALL GROUND CONDUCTORS SHALL BE FREE OF SPLICES.
6. CLEAN ALL SURFACES BEFORE MAKING CONNECTIONS. TAKE ALL STEPS POSSIBLE TO ENSURE LOW CONTACT RESISTANCE AT TERMINATION LOCATIONS.

H2E ENGINEERING
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Florida Registry #1485
Trey Gossett, P.E. #74534

Trey Gossett, State of Florida, Professional Engineer, License No. **74534**

This item has been digitally signed and sealed by **Trey Gossett, P.E.** on the date indicated here.

Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.

Date: **08/08/2025**

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN-HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL.

CRA ARCHITECTS
Clemons,Rutherford, & Associates, Inc.
Architects
Planners
Interior Designers
Construction Managers
2027 Thomasville Road
Tallahassee, Florida 32308
phone 850-385-6153
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cra@clemons-rutherford.com

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Revision

#	Description	Date
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CRA Project # **24029**

Phase: **CONSTRUCTION DOCUMENTS**

SHEET TITLE
RISER DIAGRAMS - YLC

E3.1

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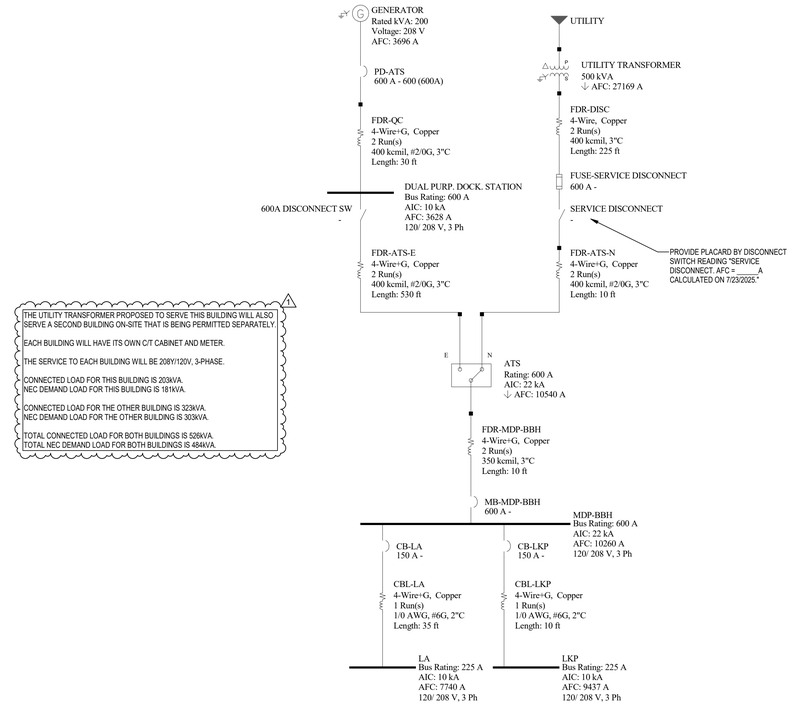
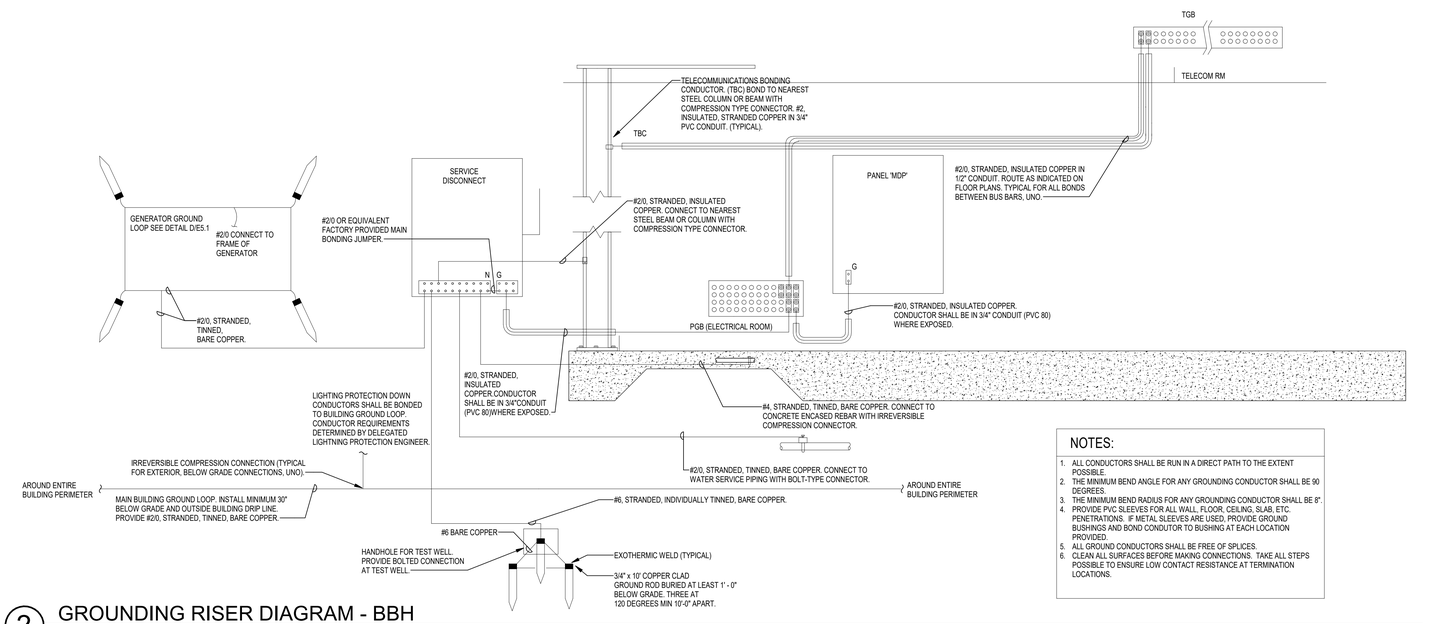


1 ONELINE RISER DIAGRAM - BBH

SCALE: N.T.S.



2 GROUNDING RISER DIAGRAM - BBH

SCALE: N.T.S

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Revision

#	Description	Date
1	THEATER CHANGES	08/08/25

CRA Project # **24029**

Phase: **CONSTRUCTION DOCUMENTS**

SHEET TITLE

RISER DIAGRAMS - BBH

E3.2

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LIGHTING AND APPLIANCE PANEL: 2LA

225 AMP RATING — NEMA: X TYPE 1 — ALUMINUM BUSES — DOUBLE LUGS — X BOLT-ON BREAKERS
208 /120 V, 3 PH, 4W — TYPE 3R — X COPPER BUSES — FEED THROUGH LUGS — PLUG-ON BREAKERS
10 kA AIR — TYPE 4X — X 100% RATED BUS — DOUBLE WIDE
SURFACE — TYPE 12 — SERVICE ENTRANCE RATED — TRIPLE WIDE

CIRCUIT	LOAD TYPE	SERVING	CKT BREAKER TRIP	CKT BREAKER SPECIAL	CKT BREAKER POLE	SEE 1-LINE	CONDUIT SIZE	PHASE & NEUTRAL SIZE	EGC SIZE	CONNECTED LOAD (VA) A	B	C	CONNECTED LOAD (VA) A	B	C	EGC SIZE	PHASE & NEUTRAL SIZE	CONDUIT SIZE	SEE 1-LINE	CKT BREAKER POLE	CKT BREAKER SPECIAL	CKT BREAKER TRIP	SERVING	LOAD TYPE	CIRCUIT
1	R	RECEPT CORRIDOR C201, RM 220	20		1		3/4"	#12	#12	720			500			#12	#12	3/4"		1		20	DOOR HARDWARE	O	2
3	R	RECEPT CORRIDOR C200	20		1		3/4"	#12	#12		720			1000		#12	#12	3/4"		1		20	RECEPT IT RM 201	R	4
5	R	RECEPT RM 214	20		1		3/4"	#12	#12			1080			1000	#12	#12	3/4"		1		20	RECEPT IT RM 201	R	6
7	R	RECEPT RM 215, 216, 217	20		1		3/4"	#12	#12	540			1000			#12	#12	3/4"		1		20	RECEPT IT RM 201	R	8
9	R	RECEPT RM 218	20		1		3/4"	#12	#12		900			1000		#12	#12	3/4"		1		20	RECEPT IT RM 201	R	10
11	R	RECEPT RM 219	20		1		3/4"	#12	#12			900			1000	#12	#12	3/4"		1		20	LIGHTING - LEVEL 2	L	12
13	R	RECEPT RM 213	20		1		3/4"	#12	#12	720			1000			#12	#12	3/4"		1		20	LIGHTING - LEVEL 2	L	14
15	R	RECEPT RM 213 REFRIG	20		1		3/4"	#12	#12		720			1000		#12	#12	3/4"		1		20	LIGHTING - LEVEL 2	L	16
17	R	RECEPT RM 212	20		1		3/4"	#12	#12			1080			360	#12	#12	3/4"		1		20	RECEPT RM 206	R	18
19	R	RECEPT RM 211	20		1		3/4"	#12	#12	1080			360			#12	#12	3/4"		1		20	RECEPT RM 206	R	20
21	R	RECEPT RM 210	20		1		3/4"	#12	#12		1080			360		#12	#12	3/4"		1		20	RECEPT RM 206	R	22
23	R	RECEPT RM 209	20		1		3/4"	#12	#12			1080								1		20	SPARE		24
25	R	RECEPT RM 208	20		1		3/4"	#12	#12	1080										1		20	SPARE		26
27	R	RECEPT RM 222	20		1		3/4"	#12	#12		1080									1		20	SPARE		28
29	R	RECEPT RM 223	20		1		3/4"	#12	#12			1080								1		20	SPARE		30
31	R	RECEPT RM 200	20		1		3/4"	#12	#12	900										1		20	SPARE		32
33	R	RECEPT RM 200	20		1		3/4"	#12	#12		720									1		20	SPARE		34
35	R	RECEPT RM 202, 203, 204, 205	20		1		3/4"	#12	#12			720								1		20	SPARE		36
37	R	RECEPT RM 207	20		1		3/4"	#12	#12	720										1		20	SPARE		38
39	R	RECEPT RM 207	20		1		3/4"	#12	#12		720									1		20	SPARE		40
41	R	RECEPT RM 207 FBs	20		1		3/4"	#12	#12			1080								1		20	SPARE		42
43	R	RECEPT RM 207 FBs	20		1		3/4"	#12	#12	1080										1		20	SPARE		44
45	R	RECEPT ROOF	20		1		3/4"	#12	#12		360									1		20	SPARE		46
47	R	RECEPT CORR 200 EWC	20	GFCI	1		3/4"	#12	#12			1000			2500	#10	#10	3/4"		2		30	RECEPT IT RACK	R	48
49	R	RECEPT RM 213	20		1		3/4"	#12	#12	360			2500											R	50
51	R	RECEPT RM 221	20		1		3/4"	#12	#12		360			2500		#10	#10	3/4"		2		30	RECEPT IT RACK	R	52
53	R	RECEPT RM 221	20		1		3/4"	#12	#12			360			2500									R	54
55	R	RECEPT RM 221	20		1		3/4"	#12	#12	540															56
57	O	CP-YLC-1	20		1		3/4"	#12	#12		480					#10	#10	3/4"		3		30	SPD		58
59	H	EF-YLC-2	15		1		3/4"	#12	#12			864													60
		MAIN	RATING		POLE		TRIP		100% RATED		SHUNT			COMM.									COMMENTS		
		MAIN LUG ONLY			3																				

	LOAD CLASSIFICATION		DEMAND	KVA (THIS PANEL) A	B	C	KVA (SUB-PANELS) A	B	C	KVA CONNECTED A	B	C	KVA DEMAND A	B	C	
M	MOTOR		100%	0	0	0	0	0	0	0	0	0	0	0	0	CONNECTED (AMPS)	119
K	KITCHEN	APPLIANCE #: 0	100%	0	0	0	0	0	0	0	0	0	0	0	0	CONNECTED (KVA)	43
R	RECEPTACLES		10KVA+50%	12	12	15	0	0	0	12	12	15	7	7	9		
L	LIGHTING		100%	1	1	1	0	0	0	1	1	1	1	1	1	DEMAND (AMPS)	80
H	HVAC		100%	0	0	1	0	0	0	0	0	1	0	0	1	DEMAND (KVA)	29
N	N+1 REDUNDANT LOAD		50%	0	0	0	0	0	0	0	0	0	0	0	0		
E	ELECTRIC VEHICLE CHARGER	KVA LIMIT	100%	0	0	0	0	0	0	0	0	0	0	0	0		
O	OTHER		100%	1	0	0	0	0	0	1	0	0	1	0	0	SPARE	30%
	TOTAL LOAD (KVA)			13	13	17	0	0	0	13	13	17	9	9	11		
	TOTAL LOAD (AMPS)			109	108	138	0	0	0	109	108	138	75	74	91	BASIS FOR RATING (AMPS)	104

DISTRIBUTION PANEL: MDP-YLC

1000 AMP RATING — NEMA: X TYPE 1 — ALUMINUM BUSES — DOUBLE LUGS — X BOLT-ON BREAKERS
208 /120 V, 3 PH, 4W — TYPE 3R — X COPPER BUSES — FEED THROUGH LUGS — PLUG-ON BREAKERS
22 kA AIR — TYPE 4X — X 100% RATED BUS — PANEL MOUNTED POWER METER
SURFACE — TYPE 12 — SERVICE ENTRANCE RATED

CIRCUIT	LOAD TYPE	SERVING	SPACE (INCHES)	OVERCURRENT PROTECTION DEVICE TRIP (AMPS)	FRAME	POLE	TRIP FUNCTION	SPECIAL FUNCTION	100% RATED	GFEP	ERMS	COMM.	CIRCUIT WIRING SEE 1-LINE	RUNS	PHASE SIZE	NEUTRAL SIZE	GROUND	CONDUIT SIZE	CONNECTED LOAD (KVA) A	B	C	COMMENTS
1		PANEL 1LA	4.5	150	150	3	TM						X						13			
																				13		
2		PANEL 2LA	4.5	150	150	3	TM						X						13			
																				13		
	H																		24			
3	H	HOAS-YLC-1	4.5	225	250	3	TM							1	4/0		#4	2 1/2"		24		
	H																				24	
	H																		10			
4	H	CU-YLC-1	4.5	110	125	3	TM							1	#2		#6	1 1/4"		10		
	H																				10	
	H																		8			
5	H	CU-YLC-2	4.5	100	125	3	TM							1	#3		#8	1 1/4"		8		
	H																				8	
	M																		9			
6	M	ELEVATOR	4.5	100	150	3	LSI							1	#3		#8	1 1/4"		9		
	M																				9	
7	H	IU-YLC-1.1, IU-YLC-1.2, IU-YLC-1.3, IU-YLC-1.4, IU-YLC-1.5 &	3	15	125	2	TM							1	#12		#12	3/4"	0.7			
	H	IU-YLC-1.6																		0.7		
8	H	IU-YLC-1.7 & BS-YLC-1.2	3	15	125	2	TM							1	#12		#12	3/4"		0.9		
	H																		0.9			
9	H	IU-YLC-1.8, IU-YLC-1.13, IU-YLC-1.14 & BS-YLC-1.3	3	15	125	2	TM							1	#12		#12	3/4"		1.0		
	H																				1.0	
10	H	IU-YLC-1.9, IU-YLC-1.10, IU-YLC-1.11, IU-YLC-1.12	3	15	125	2	TM							1	#12		#12	3/4"	1.1			
	H																			1.1		
11	H	IU-YLC-2.1, IU-YLC-2.2, IU-YLC-2.10, IU-YLC-2.11,	3	15	125	2	TM							1	#12		#12	3/4"	0.7			
	H	IU-YLC-2.12, IU-YLC-2.13, IU-YLC-2.14 & BS-YLC-2.1																		0.7		
12	H	IU-YLC-2.3, IU-YLC-2.4, IU-YLC-2.5, IU-YLC-2.6, IU-YLC-2.7,	3	15	125	2	TM							1	#12		#12	3/4"		0.4		
	H	IU-YLC-2.8, IU-YLC-2.9, IU-YLC-2.15 & BS-YLC-2.2																	0.4			
13	H	IU-YLC-2.16, IU-YLC-2.17, IU-YLC-2.18, IU-YLC-2.19,	3	15	125	2	TM							1	#12		#12	3/4"	1.1			
	H	IU-YLC-2.20, IU-YLC-2.21, IU-YLC-2.22 & IU-YLC-2.23																		1.1		
14	O	EWH-YLC1	3	20	125	2	TM							1	#12		#12	3/4"	1.5			
	O																			1.5		
15	O	EWH-YLC-2	3	20	125	2	TM							1	#12		#12	3/4"		1.5		
	O																				1.5	
16	O	FUTURE EV CHARGER	3	100	125	2	TM							1	#3		#8	1"	8.3			
	O																			8.3		
17	O	FUTURE EV CHARGER	3	100	125	2	TM												8.3			
	O																			8.3		
18	O	FUTURE EV CHARGER	3	100	125	2	TM													8.3		
	O																			8.3		
19	O	FUTURE EV CHARGER	3	100	125	2	TM												8.3			
	O																			8.3		
20		SPACE	3			2																
21		SPACE	3			2																
22		SPARE	4.5	100	125	3	TM															
23		SPARE	4.5	100	125	3	TM															
24		SPD	4.5	60	125	3	TM							1	#6	#6	#10	1"				
		MAIN																				
		MAIN CIRCUIT BREAKER	9	1000	1000	3	TM															

	LOAD CLASSIFICATION		DEMAND	KVA (THIS PANEL) A	B	C	KVA (SUB-PANELS) A	B	C	KVA CONNECTED A	B	C	KVA DEMAND A	B	C	
M	MOTOR		125%	9	9	9	0	0	0	9	9	9	11	11	11	CONNECTED (AMPS)	896
K	KITCHEN	APPLIANCE #	100%	0	0	0	0	0	0	0	0	0	0	0	0	CONNECTED (KVA)	323
R	RECEPTACLES		10KVA+50%	0	0	0	20	20	28	20	20	28	12	12	16		
L	LIGHTING		125%	0	0	0	4	3	4	4	3	4	4	3	4	DEMAND (AMPS)	841
H	HVAC		100%	47	46	45	0	0	1	47	46	46	47	46	46	DEMAND (KVA)	303
N	N+1 REDUNDANT LOAD		50%	0	0	0	0	0	0	0	0	0	0	0	0		
E	ELECTRIC VEHICLE CHARGER	KVA LIMIT	100%	0	0	0	0	0	0	0	0	0	0	0	0		
O	OTHER		100%	26	26	20	2	4	0	29	31	20	29	31	20	SPARE	20%
	TOTAL LOAD (KVA)			82	82	73	26	26	33	108	108	106	103	103	97		
	TOTAL LOAD (AMPS)			682	680	612	220	220	274	901	900	886	856	856	809	BASIS FOR RATING (AMPS)	1009

LIGHTING AND APPLIANCE PANEL: 1LA

225 AMP RATING — NEMA: X TYPE 1 — ALUMINUM BUSES — DOUBLE LUGS — X BOLT-ON BREAKERS
208 /120 V, 3 PH, 4W — TYPE 3R — X COPPER BUSES — FEED THROUGH LUGS — PLUG-ON BREAKERS
22 kA AIR — TYPE 4X — X 100% RATED BUS — DOUBLE WIDE
SURFACE — TYPE 12 — SERVICE ENTRANCE RATED — TRIPLE WIDE

CIRCUIT	LOAD TYPE	SERVING	CKT BREAKER TRIP	CKT BREAKER SPECIAL	CKT BREAKER POLE	SEE 1-LINE	CONDUIT SIZE	PHASE & NEUTRAL SIZE	EGC SIZE	CONNECTED LOAD (VA) A	B	C	CONNECTED LOAD (VA) A	B	C	EGC SIZE	PHASE & NEUTRAL SIZE	CONDUIT SIZE	SEE 1-LINE	CKT BREAKER POLE	CKT BREAKER SPECIAL	CKT BREAKER TRIP	SERVING	LOAD TYPE	CIRCUIT
1	R	RECEPT EXTERIOR	20		1		3/4"	#12	#12	900			500			#12	#12	3/4"		1	NOTE 1	20	FACP	O	2
3	R	RECEPT RM 111, 112	20		1		3/4"	#12	#12		540			500		#12	#12	3/4"		1		20	DOOR HARDWARE	O	4
5	R	RECEPT INFO 100A	20		1		3/4"	#12	#12			900			1000	#12	#12	3/4"		1		20	RECEPT IT RM 102	R	6
7	R	RECEPT LOBBY 100 TVs	20		1		3/4"	#12	#12	540			1000			#12	#12	3/4"		1		20	RECEPT IT RM 102	R	8
9	R	RECEPT RM 104, 105, 106, 113	20		1		3/4"	#12	#12		720			1000		#12	#12	3/4"		1		20	RECEPT IT RM 102	R	10
11	R	RECEPT RM 101	20		1		3/4"	#12	#12			1080			1000	#12	#12	3/4"		1		20	RECEPT IT RM 102	R	12
13	R	RECEPT MUESEUM EWC	20	GFCI	1		3/4"	#12	#12	1000			500			#12	#12	3/4"		1		20	ELEVATOR CAB LIGHTS	L	14
15	R	RECEPT MUESEUM	20		1		3/4"	#12	#12		540			1000		#12	#12	3/4"		1		20	LIGHTING - LEVEL 1	L	16
17	R	RECEPT MUESEUM	20		1		3/4"	#12	#12			360			1000	#12	#12	3/4"		1		20	LIGHTING - LEVEL 1	L	18
19	R	RECEPT MUESEUM	20		1		3/4"	#12	#12	360			1000			#12	#12	3/4"		1		20	LIGHTING - LEVEL 1	L	20
21	R	RECEPT MUESEUM	20		1		3/4"	#12	#12		360			500		#12	#12	3/4"		1		20	LIGHTING - EXTERIOR	L	22
23	R	RECEPT MUESEUM	20		1		3/4"	#12	#12			540			1500	#12	#12	3/4"		1		20	LIGHTING - PARKING LOTS	L	24
25	R	RECEPT MUESEUM	20		1		3/4"	#12	#12	360			500			#12	#12	3/4"		1		20	TLCP	L	26
27	R	RECEPT MUESEUM	20		1		3/4"	#12	#12		360			1800		#12	#12	3/4"		1		20	THEATER AMP. RACK	O	28
29	R	RECEPT MUESEUM	20		1		3/4"	#12	#12			720								1		20	SPARE		30
31	R	RECEPT MUESEUM	20		1		3/4"	#12	#12	720										1		20	SPARE		32
33	R	RECEPT MUESEUM	20		1		3/4"	#12	#12		360									1		20	SPARE		34
35	R	RECEPT MUESEUM	20		1		3/4"	#12	#12			720								1		20	SPARE		36
37	R	RECEPT MUESEUM	20		1		3/4"	#12	#12	360										1		20	SPARE		38
39	R	RECEPT MUESEUM	20		1		3/4"	#12	#12		360									1		20	SPARE		40
41	R	RECEPT MUESEUM	20		1		3/4"	#12	#12			720								1		20	SPARE		42
43	R	RECEPT MUESEUM	20		1		3/4"	#12	#12	720			1456											O	44
45	R	RECEPT MUESEUM	20		1		3/4"	#12	#12		360			1456		#12	#12	3/4"		2		20	PROJECTOR	O	46
47	R	RECEPT MUESEUM	20		1		3/4"	#12	#12			720			2500									R	48
49	R	RECEPT MUESEUM	20		1		3/4"	#12	#12	360			2500			#10	#10	3/4"		2		30	RECEPT IT RACK	R	50
51	R	RECEPT MUESEUM	20		1		3/4"	#12	#12		360			2500										R	52
53	R	RECEPT RM 107	20		1		3/4"	#12	#12			540			2500	#10	#10	3/4"		2		30	RECEPT IT RACK	R	54
55	L	RECEPT MOVIE THEATER FBs	20		1		3/4"	#12	#12	500															56
57	R	RECEPT MOVIE THEATER	20		1		3/4"	#12	#12			720													58
59	H	EF-YLC-1	15		1		3/4"	#12	#12			528													60
		MAIN	RATING		POLE		TRIP		100% RATED		SHUNT			COMM.									COMMENTS		
		MAIN LUG ONLY			3																				

NOTE 1: BREAKER SHALL BE PERMANTENTLY MARKED RED AND LOCKABLE IN THE ON POSITION.

	LOAD CLASSIFICATION		DEMAND	KVA (THIS PANEL) A	B	C	KVA (SUB-PANELS) A	B	C	KVA CONNECTED A	B	C	KVA DEMAND A	B	C	
M	MOTOR		100%	0	0	0	0	0	0	0	0	0	0	0	0	CONNECTED (AMPS)	119
K	KITCHEN	APPLIANCE # 0	100%	0	0	0	0	0	0	0	0	0	0	0	0	CONNECTED (KVA)	43
R	RECEPTACLES		10KVA+50%	9	8	13	0	0	0	9	8	13	6	6	8		
L	LIGHTING		100%	3	2	3	0	0	0	3	2	3	3	2	3	DEMAND (AMPS)	91
H	HVAC		100%	0	0	1	0	0	0	0	0	1	0	0	1	DEMAND (KVA)	33
N	N+1 REDUNDANT LOAD		50%	0	0	0	0	0	0	0	0	0	0	0	0		
E	ELECTRIC VEHICLE CHARGER	KVA LIMIT	100%	0	0	0	0	0	0	0	0	0	0	0	0		
O	OTHER		100%	2	4	0	0	0	0	2	4	0	2	4	0	SPARE	30%
	TOTAL LOAD (KVA)			13	13	16	0	0	0	13	13	16	11	11	11		
	TOTAL LOAD (AMPS)			111	112	136	0	0	0	111	112	136	88	92	94	BASIS FOR RATING (AMPS)	119

ENGINEERING
114 EAST 5th AVENUE TALLAHASSEE, FL 32303
PHONE 850.224.7922
www.H2Engineering.com

H2E PROJECT No: 24179

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Florida Registry #5485
Trey Gossett, P.E. #74534

Trey Gossett, State of Florida, Professional Engineer, License No. **74534**.

This item has been digitally signed and sealed by **Trey Gossett, P.E.** on the date indicated here.

Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.

Date: **08/08/2025**

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN-HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL.

CRA ARCHITECTS
Clemons,Rutherford, & Associates, Inc.
Architects
Planners
Interior Designers
Construction Managers
2027 Thomasville Road
Tallahassee, Florida 32308
phone 850-385-6153
fax 850-386-8420
cra@clemons-rutherford.com

The Drawings, Specifications and other documents prepared by Clemons, Rutherford & Associates, Inc. (CRA) for this Project are instruments of CRA for use solely with respect to this Project and, unless otherwise provided, CRA shall be deemed the author of these documents and shall retain all common law, statutory and other reserved rights, including the copyright. The Owner shall be permitted to retain copies, including reproducible copies, of CRA's Drawings, Specifications and other documents for information and reference in connection with the Owner's use and occupancy of the Project. CRA's Drawings, Specifications or other documents shall not be used by the Owner or others on other projects, for documents shall not be used by the Owner or others on other projects, for additions to this Project or for completion of this Project by others, unless the Architect is adjudged to be in default under this Agreement, except by agreement in writing and with appropriate compensation to CRA.

Submittal

Phase	Date	Drw	Chk
DESIGN DEVELOPMENT	02-28-25	BJM	THG
50% CD	04-15-25	BJM	THG
100% CD	07-18-25	BJM	THG

Revision

#	Description	Date
1	THEATER CHANGES	08/08/25

CRA Project # **24029**

Phase: **CONSTRUCTION DOCUMENTS**

SHEET TITLE
PANEL SCHEDULES - YLC

E4.1

8/8/2025 10:14:48 AM
Autodesk Docs://24-179 Florida Sheriffs Association - Learning Center/24-179 Florida Sheriffs Association - Learning Center - MEP Central_R24.rvt

GENERAL FINISH NOTES

1. ALL INTERIOR WALL AND CEILING FINISHES ARE CLASS A.
2. ALL INTERIOR FLOOR FINISHES ARE CLASS I.
3. SEE REFLECTED CEILING PLANS FOR CEILING HEIGHTS AND FINISHES.
4. PROVIDE A 72" HIGH RAINSCOT OF PORCELAIN TILE ON ALL WALLS OF JANITOR CLOSETS.
5. PROVIDE FULL HEIGHT PORCELAIN TILE ON ALL WALLS OF RESTROOMS. SEE WALL TILE PATTERN ON SHEET A6.1XXX
6. SEE DETAIL 1/A10.1XXX FOR TILED BENCHES.

FLOOR PATTERN LEGEND

LVT 1 - WOOD PATTERN

LVT 2 - 18" X 18" PATTERN

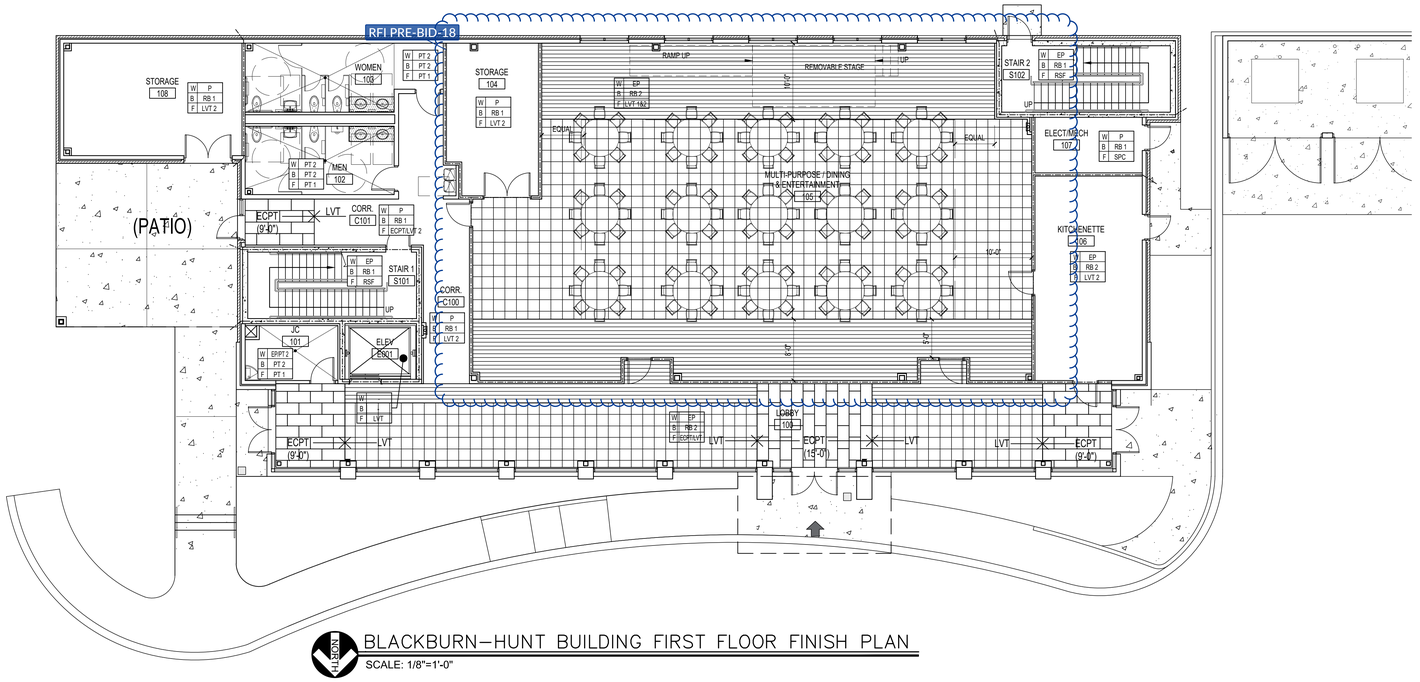
FINISH LEGEND

W P — WALL FINISH
B RB — BASE
F LVT — FLOORING

1 — FINISH NOTES NUMBER

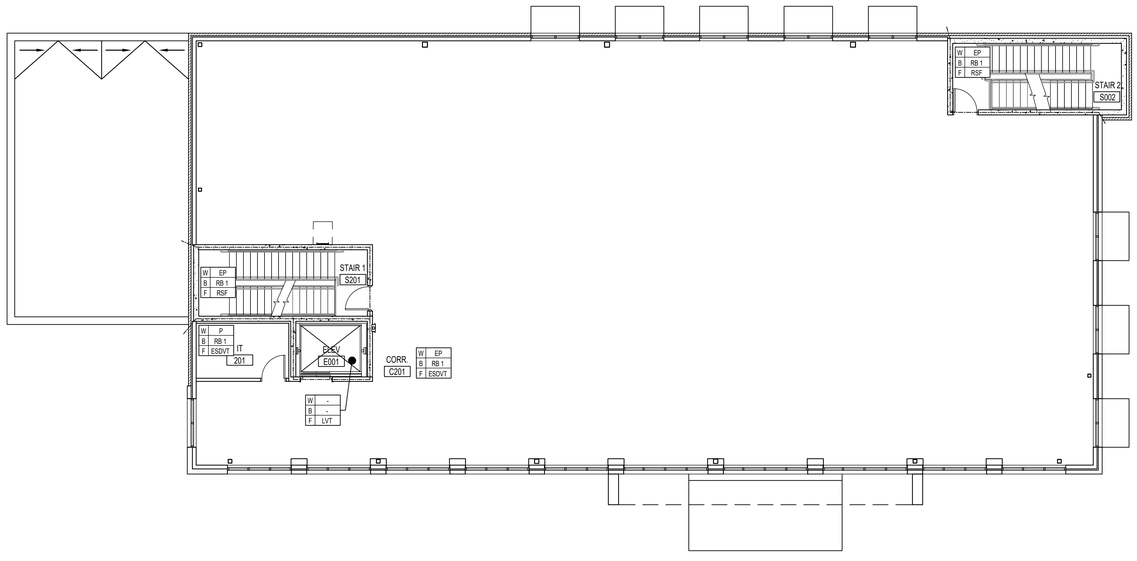
P-4 — ACCENT PAINT

RFI PRE-BID-18



BLACKBURN–HUNT BUILDING FIRST FLOOR FINISH PLAN

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



BLACKBURN–HUNT BUILDING SECOND FLOOR FINISH PLAN

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

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN–HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL

CRA ARCHITECTS

Clemons, Rutherford & Associates Inc.

Architects
Planners
Interior Designers
Construction Managers

2027 Thomasville Road
Tallahassee, Florida 32308

(850) 385-6153
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cra@clemons-rutherford.com

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SUBMITTAL

PHASE	DATE	DRAWN	CHECK
DD	2-28-25	LB	TB / SD
100% CD	7-18-25	LM	TB
-			
-			
-			
-			
-			
-			

REVISIONS

#	DATE	COMMENTS
1	8-19-25	RFI 18
2		
3		
4		
5		
6		
7		
8		

CRA PROJ.#: 24029

PHASE: CONSTRUCTION DOCUMENTS

SHEET TITLE
BLACKBURN–HUNT BLDG
1ST AND 2ND FLOOR FINISH PLANS

A10.3 of .

C:\PRODUCTION\CAD FILES\24029\24029 - FSA - MAIN OFFICE BUILDING - MUSEUM\DRAWINGS\DOC FILES\ SUBMITTAL\24029 A10.3 A10.4 BH - FINISH PLAN.DWG 8/19/2025 3:14:14 PM CDRA BRANCA

30 0 15 30
1 Inch = 30 Feet

SITE DATA TABLE

PROJECT NAME: FLORIDA SHERIFFS ASSOCIATION EXPANSION
ADDRESS: 2521 MAHAN DR & 2617 MAHAN DR, TALLAHASSEE , FL 32308
PARCEL ID: 112870 N0010 & 112870 N0020
ZONING: OR-3 - OFFICE RESIDENTIAL

Total Site Area: 5.2 AC.	226,619 SF	100 %
Total Existing Impervious Area:	84,421 SF	37.3 %
Building(s) Footprint:	16,650 SF	7.3 %
Vehicle Use Area:	54,971 SF	24.3 %
Misc Concrete:	12,800 SF	5.6 %
Existing Impervious Area (To Removed):	34,362 SF	15.2 %
Building(s) Footprint:	6,875 SF	53.7 %
Vehicle Use Area:	24,605 SF	10.9 %
Misc Concrete:	2,882 SF	1.3 %
Existing Open Space:	142,198 SF	62.7 %
Proposed Impervious Area:	79,000 SF	34.9 %
Building(s) Footprint:	17,999 SF	7.9 %
Vehicle Use Area:	49,221 SF	21.7 %
Misc Concrete:	11,780 SF	5.2 %
Proposed Building Gross SF:	37,114 SF	
1st Floor Youth Learning Center	10,833 SF	
2nd Floor Youth Learning Center	12,248 SF	
1st Floor Blackburn-Hunt Building	7,166 SF	
2nd Floor Blackburn-Hunt Building	6,867 SF	
Total Impervious (Exist to Remain and Prop.)	129,059 SF	56.9 %
Proposed Open Space:	97,560 SF	43.1 %
Mximim Allowed Building Height:	3 Stories	
Setbacks:		
Front	15 FT	
Side Interior	15 FT	
Rear	10 FT	
Landscape Islands:		
Lanscape Islands Required:	18 Islands	
Existing (TEM090082) Landscape Islands:	6 Islands	
Proposed Landscape Islands Provided:	12 Islands	
Parking:		
Total Provided Parking Spaces:	95 Spaces	
Total Required Accessible Parking Spaces:	4 Spaces	
Total Accessible Parking Spaces Provided:	4 Spaces	
Bicycle Parking:		
Total Required Bicycle Parking (.10 per space):	8 Spaces	
Total Provided Bicycle Parking:	18 Spaces	
Project Density / Intensity:	3,461 SF/AC	

NOTES:
1. ALL PROVISIONS OF THE TALLAHASSEE LAND DEVELOPMENT CODE SHALL BE APPLICABLE, AND WHEN IN CONFLICT HEREWITH, THE STRICTER PROVISION SHALL APPLY.
2. ALL EXTERIOR LIGHTING SHALL BE TOTAL CUTOFF TYPE (i.e. DIRECTED DOWNWARD AND CAPPED) AND SHALL BE RECESSED OR SHIELDED TO CONCEAL THE LIGHT SOURCE. LIGHT FIXTURES SHALL BE 15 FT. MAXIMUM HEIGHT ABOVE GRADE.
3. ALL PROVISIONS OF THE TALLAHASSEE LDC CHAPTER 7, SIGN CODE, SHALL BE APPLICABLE, AND WHEN IN CONFLICT HEREWITH, THE STRICTER PROVISION SHALL APPLY.
4. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO MUTCD STANDARDS.
5. CONTACT FDOT MIDWAY OFFICE TO OBTAIN THE RIGHT-OF-WAY MANAGEMENT PERMIT PRIOR TO ANY WORK WITH IN FDOT RIGHT OF WAY. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT FDOT DESIGN STANDARDS.
6. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING CONDITIONS WITHIN THE RIGHT OF WAY CAUSED DURING CONSTRUCTION. CONTRACTOR SHALL REPLACE ANY CURB AND GUTTER, AND/OR, OTHER INFRASTRUCTURE DAMAGED DURING CONSTRUCTION.
7. THE CONTRACTOR IS RESPONSIBLE FOR PHOTOGRAPHICALLY DOCUMENTING ALL EXISTING CONDITIONS PRIOR TO AND CONSTRUCTION ACTIVITY.
8. THE CONTRACTOR IS RESPONSIBLE TO RETURNING ALL EXISTING CONDITIONS WITHIN TO RIGHT OF WAY TO A PRE-CONSTRUCTION CONDITION OR BETTER.
9. THE SITE MUST ABIDE BY SITE LIGHTING STANDARDS IDENTIFIED IN SECTION 10-427.

Redevelopment Area Requirements

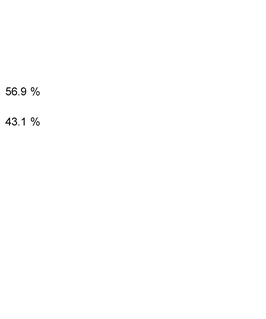
		Num.	Square Feet	Percentage
Existing Conditions:	***Total Area of Site***		226,619	
	Total Existing Impervious Area		84,421	37.3%
	Type II Redevelopment portion of site		142,198	62.7%
	Existing VUA		54971	
Proposed Conditions:	***Development Components***			
	Total Vehicle Use Area (VUA)		79,587	
	Green Space Components			
	Required Urban Forest and Landscaping Area		56,879	25.1%
	Minimum Preserved Urban Forest Area		14,220	6.3%
	Required VUA Interior Landscape Area		5,210	
	Number of Interior Landscape areas required		14	

URBAN FOREST CALCULATIONS:
EXISTING URBAN FOREST AREA = 9,555 SF
PLANTED URBAN FOREST AREA = 2,981 SF
TYPE D BUFFER AREA = 16,379 SF (CREDITED TO URBAN FOREST)

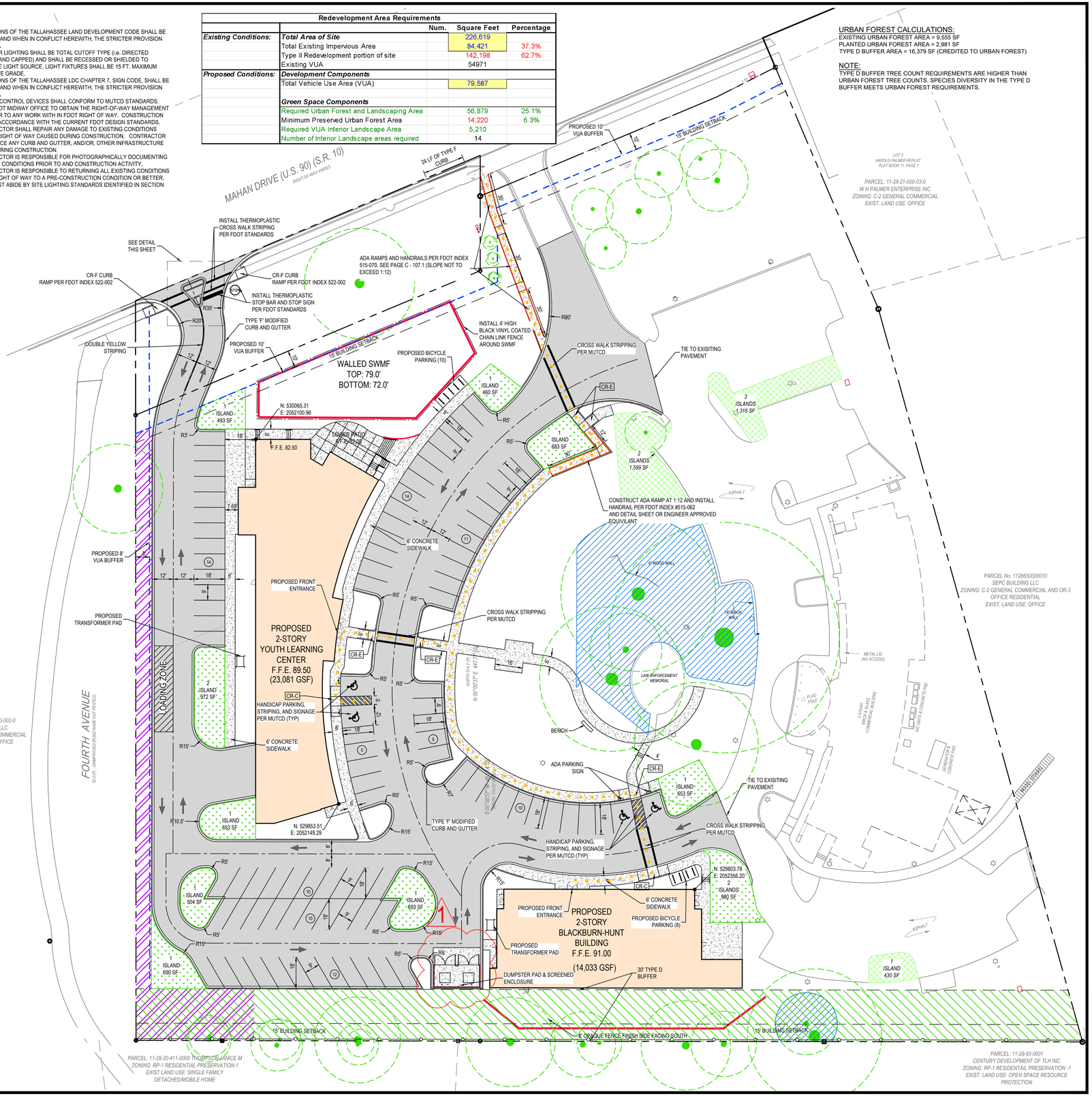
NOTE:
TYPE D BUFFER TREE COUNT REQUIREMENTS ARE HIGHER THAN URBAN FOREST TREE COUNTS. SPECIES DIVERSITY IN THE TYPE D BUFFER MEETS URBAN FOREST REQUIREMENTS.

LEGEND

- PROPOSED CONCRETE
- PROPOSED ASPHALT PAVEMENT
- PROPOSED BUILDING
- EXISTING LANDSCAPE ISLANDS
- PROPOSED LANDSCAPE ISLANDS
- 30' TYPE "D" LANDSCAPE BUFFER
- EXISTING URBAN FOREST
- PLANTED URBAN FOREST
- DIRECTIONAL TRAFFIC FLOW
- PROPOSED ADA ROUTE
- PROPOSED VUA BUFFER
- CR-X ADA RAMP PER FDOT



WEST DRIVEWAY ISLAND DETAIL
SCALE: 1"=10'



URBAN CATALYST CONSULTANTS, INC.
2851 REMINGTON GREEN CIRCLE
TALLAHASSEE, FLORIDA, 32308
PHONE: (850) 999-4241
WWW.UCCENG.COM
FL CA 00030572

DATE	BY	REVISIONS
8/22/25	SKM	RFI REVISIONS

FLORIDA SHERIFFS ASSOCIATION EXPANSION
SITE LAYOUT PLAN
LEON COUNTY FLORIDA

SEAN K. MARSTON, P.E.
LICENSE NUMBER 55987

DRAWN BY:	D.I.S.
CHECKED BY:	S.K.M.
DATE:	07/11/2025

SHEET C-103
PROJECT No. 24048.00

August 22, 2025 (14:30:07 EST)
F:\24048.00 - FLORIDA SHERIFFS ASSOC. EXPANSION\CAD\SITE PLAN\24048.00 OVERALL SITE PLAN.DWG

30 0 15 30
1 Inch = 30 Feet

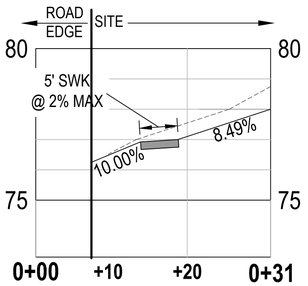
CONTRACTOR NOTICE 2023 (effective December 31, 2023)

The Contractor & Owner will be held accountable during construction for all site improvements. Compliance with Florida Statutes 553.5041 (F.S.), and the ***2023 Florida Building Code, Accessibility, 8th Edition*** (FBC-A), is mandatory. If non-compliant at final inspection, contractor will be required to modify construction to comply with F.S. FBC-A & FBC-B. The following items take precedence and supersede other site details on drawings:

1. ACCESSIBLE PARKING spaces shall be located on an accessible route no less than 44" wide so that users will not be compelled to walk or wheel behind parked vehicles except behind his or her own vehicle. Re: §208.3 & §502.3, FBC-A and F.S. 553.5041. -
2. ACCESSIBLE PARKING spaces and access aisles serving a particular building shall be located on the shortest accessible route from the accessible (H/C) parking to an accessible entrance. §208.3.1 FBC-A & F.S. 553.5041(5)(b).
3. ACCESSIBLE PARKING spaces shall be 12 ft wide & outlined with blue paint. §502.2 & §502.6 FBC-A,
4. ACCESS AISLES required adjacent to parking spaces shall be 5 ft wide with diagonal striping. §502.3.1, FBC-A
5. ACCESSIBLE PARKING and access aisles shall be level (not to exceed 1:48) on a stable, firm & slip resistant surface. Re: §302.1 & §502.4. FBC-A
6. ACCESSIBLE PARKING IDENTIFICATION signs shall be FDOT approved and shall read 'PARKING BY DISABLED PERMIT ONLY' and shall indicate a $250 fine for illegal use. Install signs a *minimum 60 inches* from the ground to the bottom of the sign(s). Re: §502.6 FBC-A and F.S 553.5041.
7. CURB RAMPS shall not exceed 1:12 slope, and curb ramp flares shall not exceed 1:10 slope. Curb ramps and flared sides shall not encroach upon parking spaces, access aisles, or vehicular traffic lanes. The counter slope of adjacent road surfaces & gutters shall not exceed 1:20. Re: §405.2 & §406., FBC-A
8. CURB RAMPS shall have a landing with a minimum clear length and width of 36" shall be located at the top side of each curb ramp, a clear width at least as wide as the curb ramp (excluding flared sides) leading to it. Exception: for alterations, where there is no landing, curb ramp flares shall be provided, and shall not be steeper than 1:12 slope. Re: §406.4 FBC-A
9. ALL RAMPS with a rise greater than 6 inches shall provide edge protection complying with §405.9 FAC-A. Ramps shall have 60 inches min level landings at the top & bottom. Re: §405.7. FBC-A.
10. ALL RAMPS with a rise greater than 6" shall have handrails on both sides with 12" horizontal extensions at the top & bottom of the ramp. *Maximum rise of a ramp run is 30 inches on an accessible route.* Re: §1012.8 FBC-B (Florida Building Code - Building) and §505.10 FBC-A.
11. ACCESSIBLE ROUTES to "main entry" from an accessible parking space, and from the "public way", shall not exceed 1:20 slope unless ramps with proper handrails & handrail extensions are provided AND with a cross slope not in excess of 1:48. Re: §206, §402 and §403., FBC-A.
12. *Connect buildings within the same site with an accessible route which shall not exceed 1:20 slope (unless ramps and handrails are provided) and a maximum cross slope of 1:48. Re: §206 FBC-A.

* **EXCEPTION:** An accessible route shall not be required between accessible buildings, accessible facilities, accessible elements, and accessible spaces if the only means of access between them is a vehicular way not providing pedestrian access. Re: §206.2.2 FBC-A

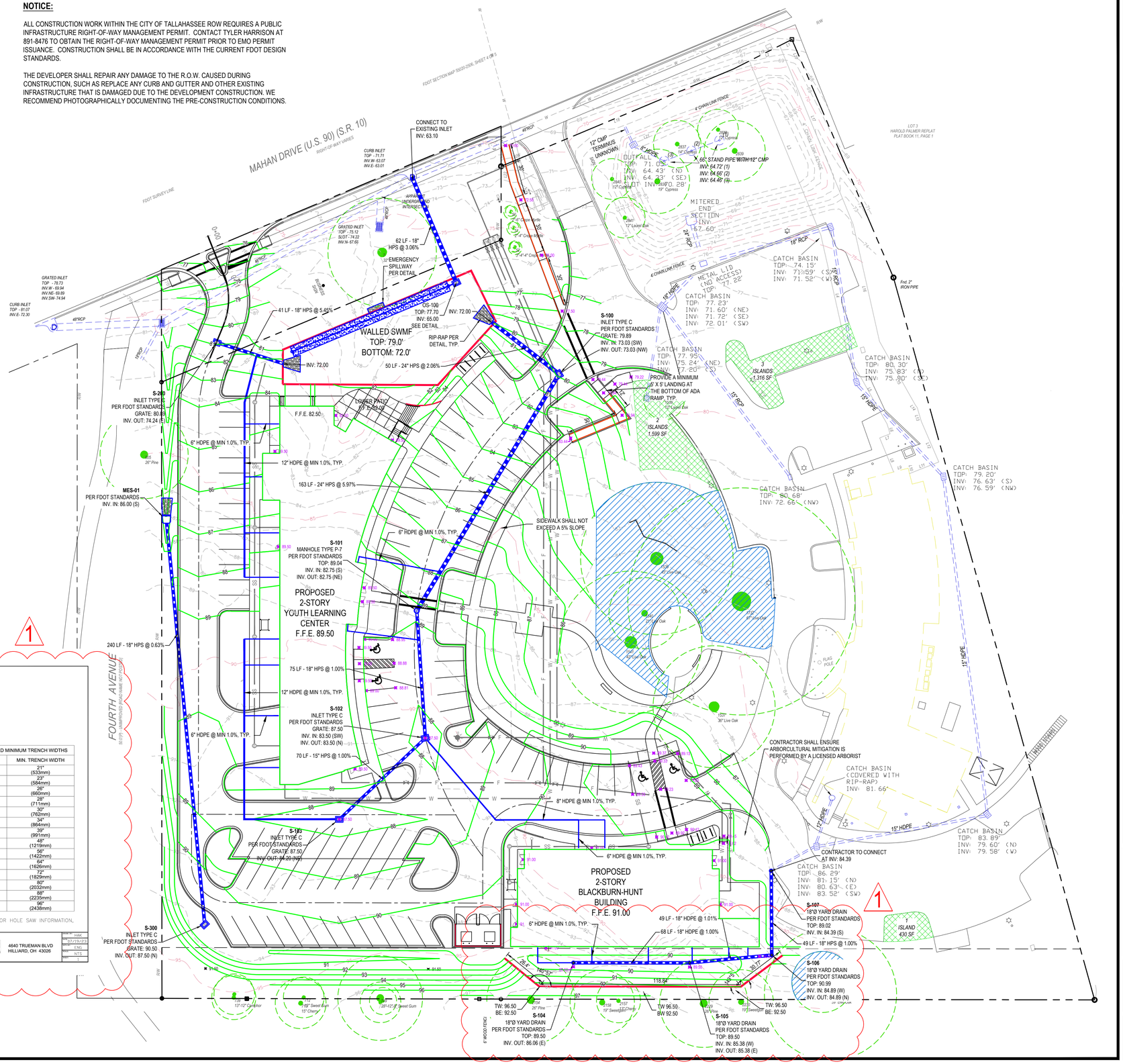
WEST DRIVEWAY ENTRANCE



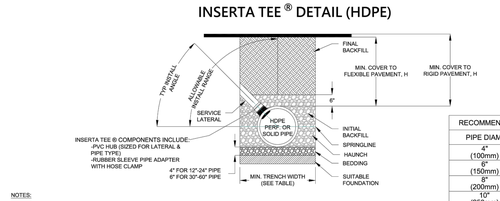
NOTICE:

ALL CONSTRUCTION WORK WITHIN THE CITY OF TALLAHASSEE ROW REQUIRES A PUBLIC INFRASTRUCTURE RIGHT-OF-WAY MANAGEMENT PERMIT. CONTACT TYLER HARRISON AT 891-8476 TO OBTAIN THE RIGHT-OF-WAY MANAGEMENT PERMIT PRIOR TO EMO PERMIT ISSUANCE. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT FDOT DESIGN STANDARDS.

THE DEVELOPER SHALL REPAIR ANY DAMAGE TO THE R.O.W. CAUSED DURING CONSTRUCTION, SUCH AS REPLACE ANY CURB AND GUTTER AND OTHER EXISTING INFRASTRUCTURE THAT IS DAMAGED DUE TO THE DEVELOPMENT CONSTRUCTION. WE RECOMMEND PHOTOGRAPHICALLY DOCUMENTING THE PRE-CONSTRUCTION CONDITIONS.



INSERTA TEE® DETAIL (HDPE)



INSERTA TEE ® COMPONENTS INCLUDE:
- PVC HUB (SIZED FOR LATERAL & PIPE TYPE)
- RUBBER SLEEVE PIPE ADAPTER WITH HOSE CLAMP

4" FOR 12"-24" PIPE
6" FOR 30"-60" PIPE

RECOMMENDED MINIMUM TRENCH WIDTHS	
PIPE DIAM.	MIN. TRENCH WIDTH
4" (100mm)	21" (533mm)
6" (150mm)	23" (584mm)
8" (200mm)	26" (660mm)
10" (250mm)	28" (711mm)
12" (300mm)	30" (762mm)
15" (375mm)	34" (864mm)
18" (450mm)	39" (991mm)
24" (600mm)	48" (1219mm)
30" (750mm)	56" (1422mm)
36" (900mm)	64" (1626mm)
42" (1050mm)	72" (1829mm)
48" (1200mm)	80" (2032mm)
54" (1350mm)	88" (2235mm)
60" (1500mm)	96" (2438mm)

NOTES:

1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST ADDITION
2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
3. THE INSERTA TEE CONNECTION CAN BE INSTALLED UP TO A VERTICAL ORIENTATION, BUT A 45° INSTALL ANGLE IS MOST COMMON. GREATER ANGLES ARE SUBJECT TO DESIGN ENGINEER APPROVAL AND MAY REQUIRE PREMIUM BACKFILL.
4. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER, AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
5. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm) & 6" (150mm) FOR 30"-60" (750mm-1500mm).
6. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
7. MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 54"-60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.

NOTE: FOR INSTALLATION INSTRUCTIONS, REFER TO DETAIL STD-1100. FOR PROTRUSION INFORMATION, REFER TO DETAIL STD-1101. FOR HOLE SAW INFORMATION, REFER TO DETAIL STD-1102.

ADVANCED DRAINAGE SYSTEMS, INC. ("ADS") HAS PREPARED THIS DETAIL BASED ON INFORMATION PROVIDED TO ADS. THIS DRAWING IS INTENDED TO DEPICT THE COMPONENTS AS REQUESTED. ADS HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SERVICES FOR THIS PROJECT. NOR HAS ADS REVIEWED THE SITE PLANS FOR THIS PROJECT. ADS MAKES NO REPRESENTATIONS REGARDING THE SUITABILITY OF THIS DRAWING AND ARE NOT SPECIFIC FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION. IT IS THE DESIGN ENGINEERS RESPONSIBILITY TO ENSURE THE DETAILS PROVIDED HEREIN MEETS OR EXCEEDS THE APPLICABLE NATIONAL, STATE, OR LOCAL REQUIREMENTS AND TO ENSURE THAT THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THIS PROJECT.

INSERTA TEE DETAIL (HDPE)	ADS 4640 TRUEMAN BLVD HILLIARD, OH 43026	DRAWN BY: HAK	07/19/23
		ENG.	
DRAWING NUMBER STD-1011		SCALE: NTS	
		REV.	1

URBAN CATALYST CONSULTANTS, INC.
2851 REMINGTON GREEN CIRCLE
TALLAHASSEE, FLORIDA, 32308
PHONE: (850) 999-4241
WWW.UCCENG.COM
FL CA 00030572

DATE	BY	REVISIONS
8/22/25	SKM	RFI REVISIONS

FLORIDA SHERIFFS ASSOCIATION EXPANSION
GRADING PLAN
LEON COUNTY FLORIDA

SEAN K. MARSTON, P.E.
LICENSE NUMBER 59987

DRAWN BY:	D.I.S.
CHECKED BY:	S.K.M.
DATE:	07/11/2025

SHEET	C-105
PROJECT No.	24048.00

August 25, 2025 (15:02:07 EST)
F:\24048.00 - FLORIDA SHERIFFS ASSOC- EXPANSION\CAD\SITE PLAN\24048.00 GRADING PLAN.dwg

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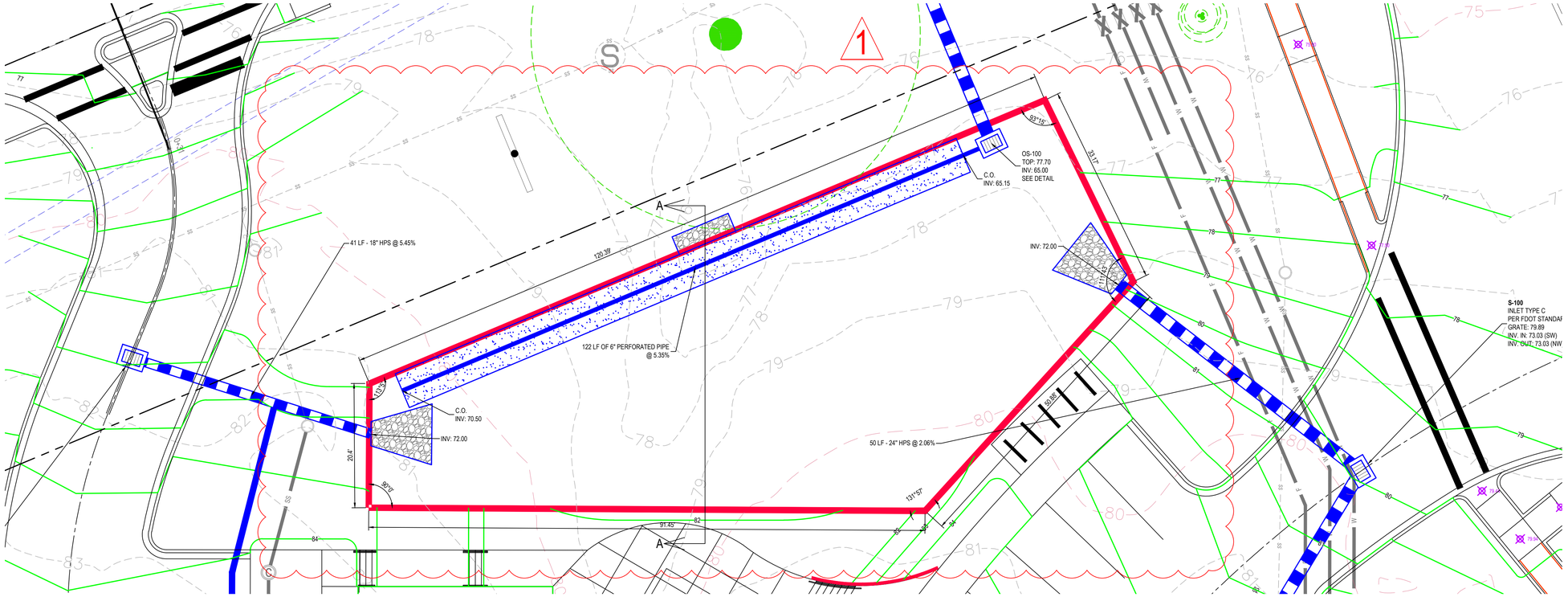
1 Inch = 10 Feet



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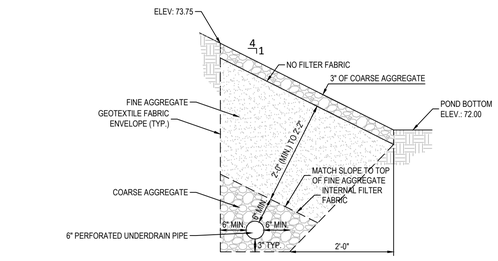
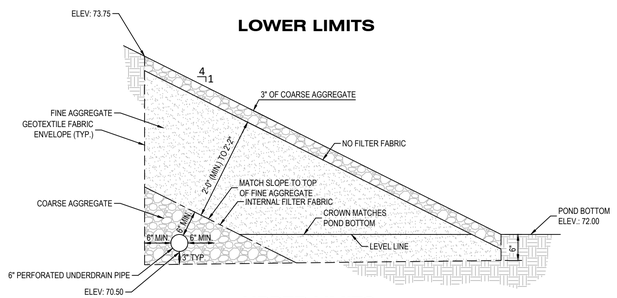


LOWER LIMITS



UPPER LIMITS

FDOT INDEX 440-001 SIDE BANK SAND FILTER DETAIL

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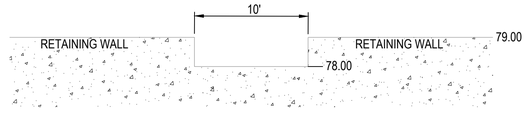

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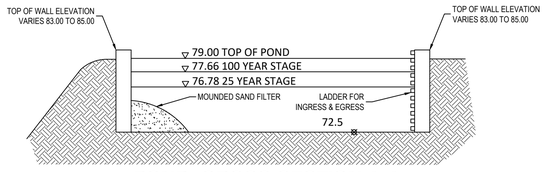

POND CROSS SECTION A-A

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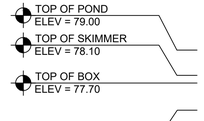

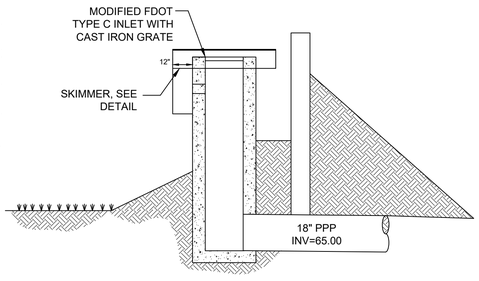

CONTROL STRUCTURE OS-100 DETAIL

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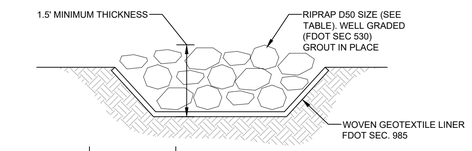

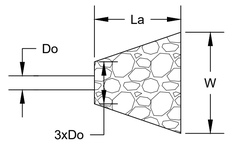

RIP RAP SIZING				
OUTFALL	Do	La	W	D50
A-1	7.5'	12'	14.5'	6"
B-1	7.5'	12'	14.5'	6"
C-1	7.5'	12'	14.5'	6"

RIP RAP DETAIL

N.T.S.

URBAN CATALYST CONSULTANTS, INC.
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PHONE: (850) 999-4241
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FL CA 00030572

DATE	BY	REVISIONS
8/22/25	SKM	RFI REVISIONS

FLORIDA SHERIFFS ASSOCIATION EXPANSION

SWMF DETAIL SHEET

LEON COUNTY FLORIDA

SEAN K. MARSTON, P.E.
LICENSE NUMBER 59987

DRAWN BY:	D.I.S.
CHECKED BY:	S.K.M.
DATE:	07/11/2025

SHEET C-105.1
PROJECT No. 24048.00

August 22, 2025 (11:26:58 EST)
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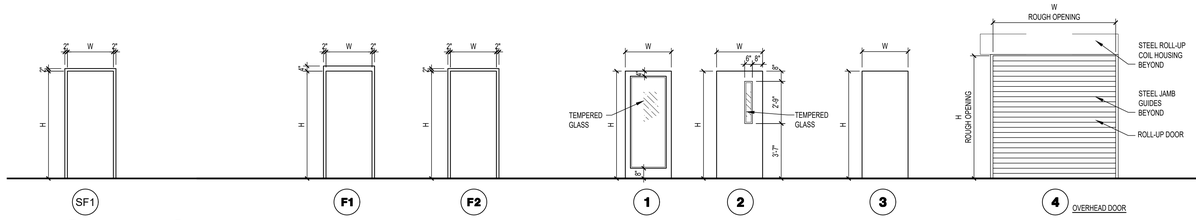


STOREFRONT / CW DOOR FRAME ELEV.

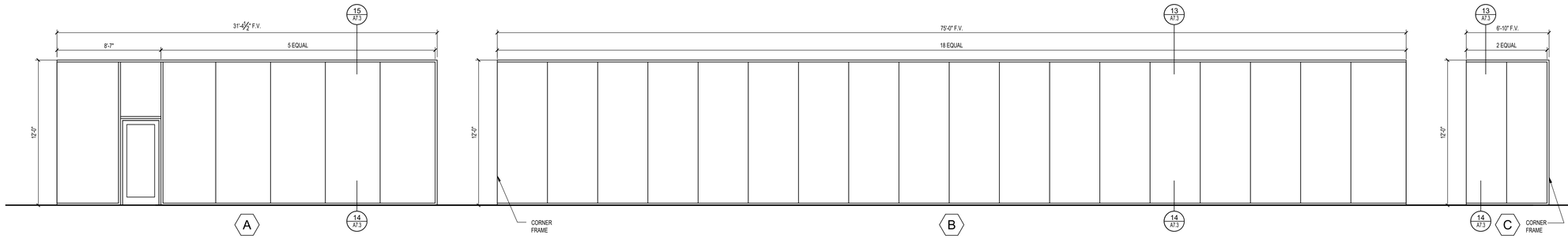
SCALE: 1/4"=1'-0"

HOLLOW METAL DOOR FRAME ELEVATIONS

SCALE: 1/4"=1'-0"

DOOR ELEVATIONS

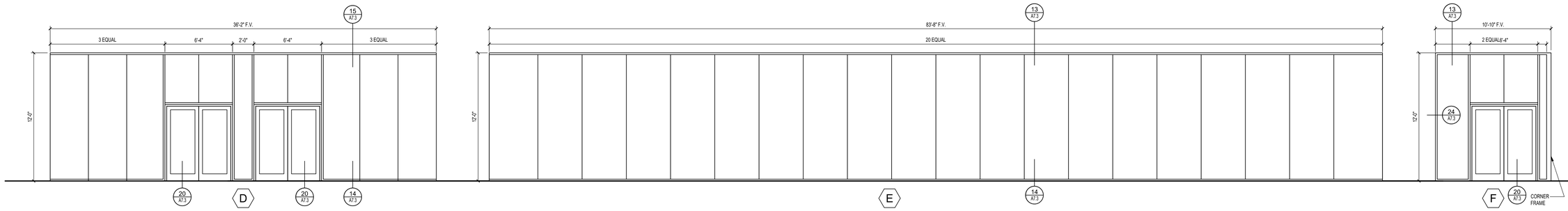
SCALE: 1/4"=1'-0"



YOUTH LEARNING CENTER

EXTERIOR CURTAINWALL WINDOW / DOOR FRAME ELEVATIONS

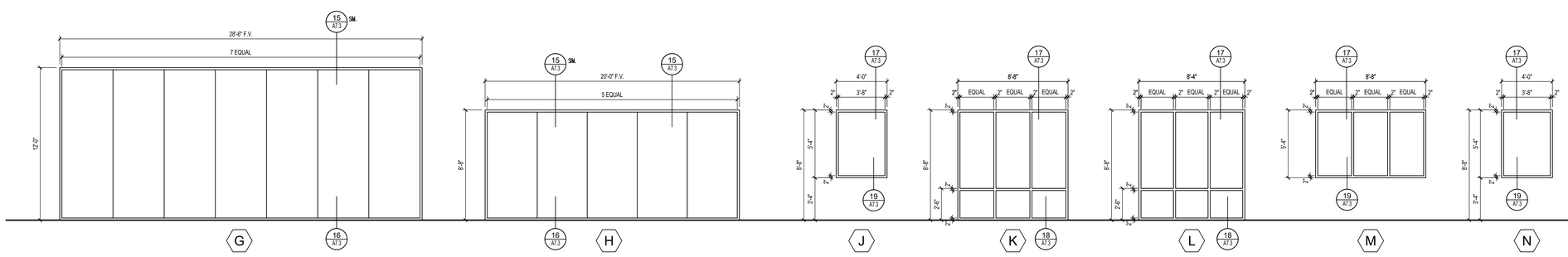
SCALE: 1/4"=1'-0"



YOUTH LEARNING CENTER

EXTERIOR CURTAINWALL WINDOW / DOOR FRAME ELEVATIONS

SCALE: 1/4"=1'-0"



YOUTH LEARNING CENTER

EXTERIOR CURTAINWALL WINDOW / DOOR FRAME ELEVATIONS

SCALE: 1/4"=1'-0"

YOUTH LEARNING CENTER

EXTERIOR STOREFRONT WINDOW FRAME ELEVATIONS

SCALE: 1/4"=1'-0"

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN-HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL

CRA ARCHITECTS

Clemons, Rutherford & Associates Inc.

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SUBMITTAL

PHASE	DATE	DRAWN	CHECK
DD	2-26-25	R. SHAH	S. DIVSALAR
50% CD	4-15-25	R. SHAH	S. DIVSALAR
100% CD	7-18-25	R. SHAH	S. DIVSALAR
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REVISIONS

#	DATE	COMMENTS
1	8-25-25	RFI #23
2		
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CRA PROJ.#: 24029

PHASE: **CONSTRUCTION DOCUMENTS**

SHEET TITLE
YOUTH LEARNING CENTER & BLACKBURN-HUNT DOOR & WINDOW ELEVATIONS & DETAILS

A7.1 of .

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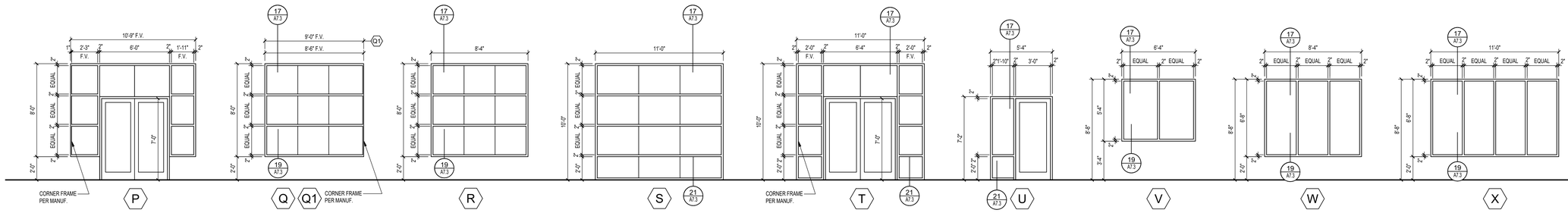
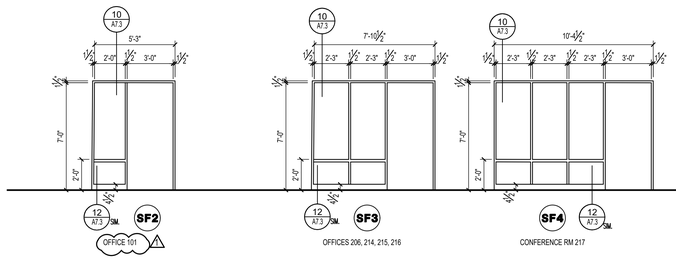


BLACKBURN-HUNT BLDG.

EXTERIOR STOREFRONT WINDOW / DOOR FRAME ELEVATIONS

SCALE: 1/4"=1'-0"



YOUTH LEARNING CENTER

BLACKBURN-HUNT BLDG

INTERIOR SF WINDOW ELEVATIONS

SCALE: 1/4"=1'-0"

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN-HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL

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DD	2-28-25	R. SHAH	S. DIVSALAR
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100% CD	7-18-25	R. SHAH	S. DIVSALAR
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REVISIONS

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1	8-25-25	RFI #23
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CRA PROJ.#: 24029

PHASE: **CONSTRUCTION DOCUMENTS**

SHEET TITLE
YOUTH LEARNING CENTER & BLACKBURN-HUNT DOOR & WINDOW ELEVATIONS & DETAILS

A7.2 of .

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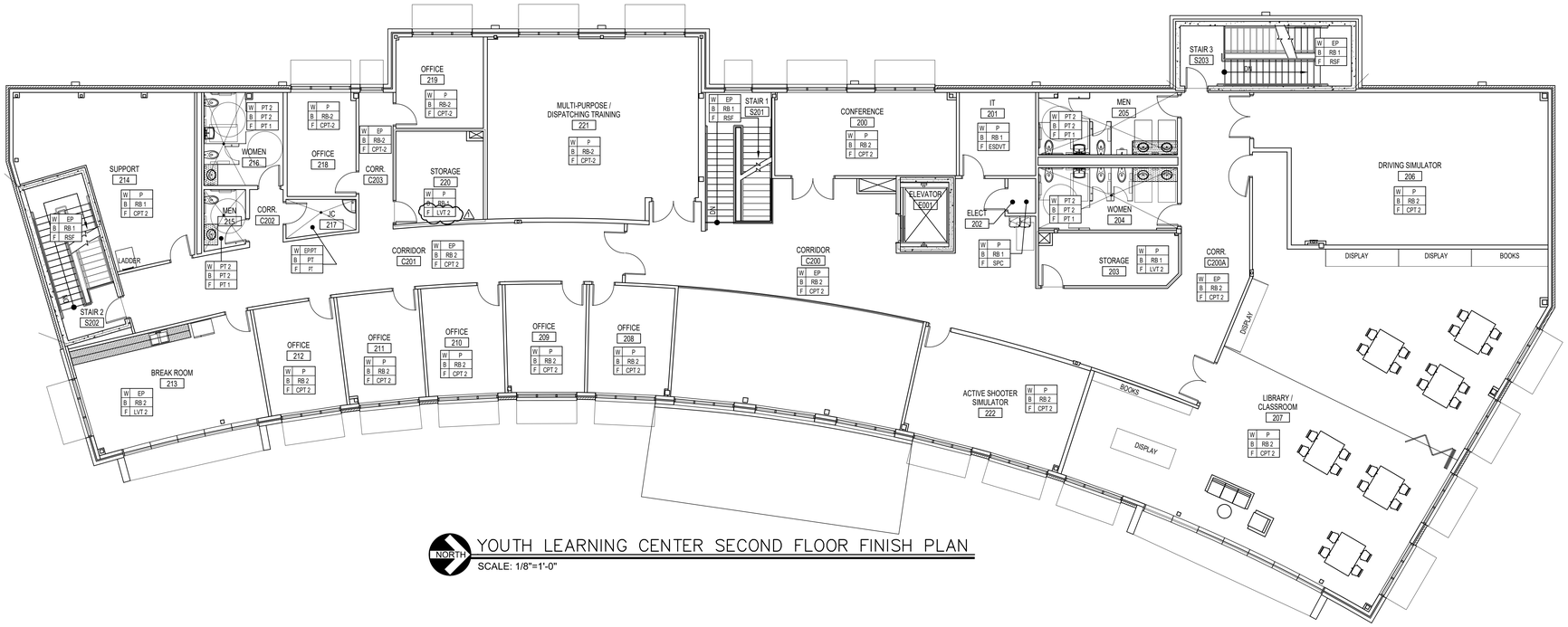

NORTH

YOUTH LEARNING CENTER SECOND FLOOR FINISH PLAN

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

FINISH LEGEND

W P ← WALL FINISH
B RB ← BASE
F LVT ← FLOORING

1 — FINISH NOTES NUMBER

P-4 — ACCENT PAINT

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN-HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL

CRA ARCHITECTS

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Planners
Interior Designers
Construction Managers

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DD	2-28-25	LM	TB / SD
50%CD	04-15-25	LM	TB
100% CD	7-18-25	LM	TB
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REVISIONS

#	DATE	COMMENTS
1	08-27-25	RESPONSE TO RFI # PRE-BID 24
2		
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CRA PROJ.#: 24029

PHASE: CONSTRUCTION DOCUMENTS

SHEET TITLE
YOUTH LEARNING CENTER SECOND FLOOR FINISH PLAN

A10.2 of .

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GENERAL FINISH NOTES

1. ALL INTERIOR WALL AND CEILING FINISHES ARE CLASS A.
2. ALL INTERIOR FLOOR FINISHES ARE CLASS I.
3. SEE REFLECTED CEILING PLANS FOR CEILING HEIGHTS AND FINISHES.
4. PROVIDE A 72" HIGH WAINSCOT OF PORCELAIN TILE ON ALL WALLS OF JANITOR CLOSETS.
5. PROVIDE FULL HEIGHT PORCELAIN TILE ON ALL WALLS OF RESTROOMS. SEE WALL TILE PATTERN ON SHEET A6.1.
6. SEE DETAIL 1/A6.1 FOR TILED BENCHES.
7. PROVIDE 2'-4" PORCELAIN TILE ON FLOOR OF SHOWERS.

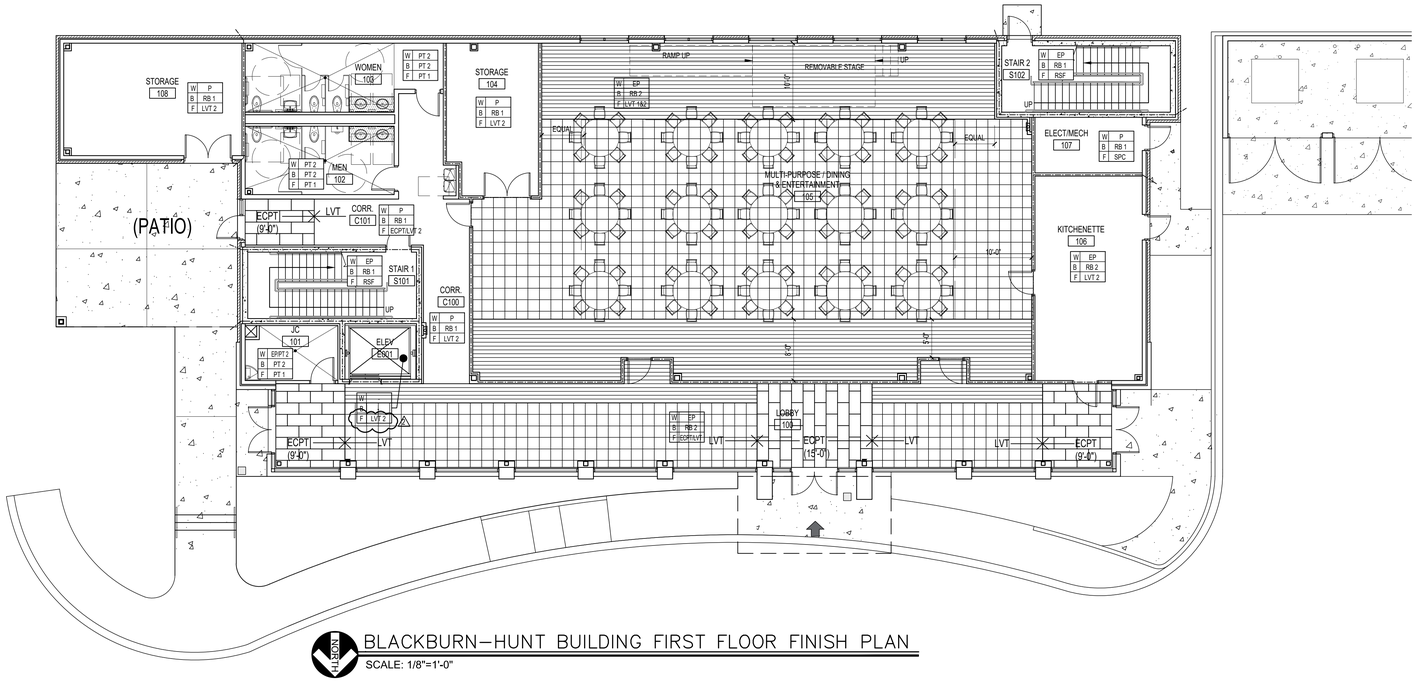
FLOOR PATTERN LEGEND

LVT 1 - WOOD PATTERN

LVT 2 - 18" X 18" PATTERN

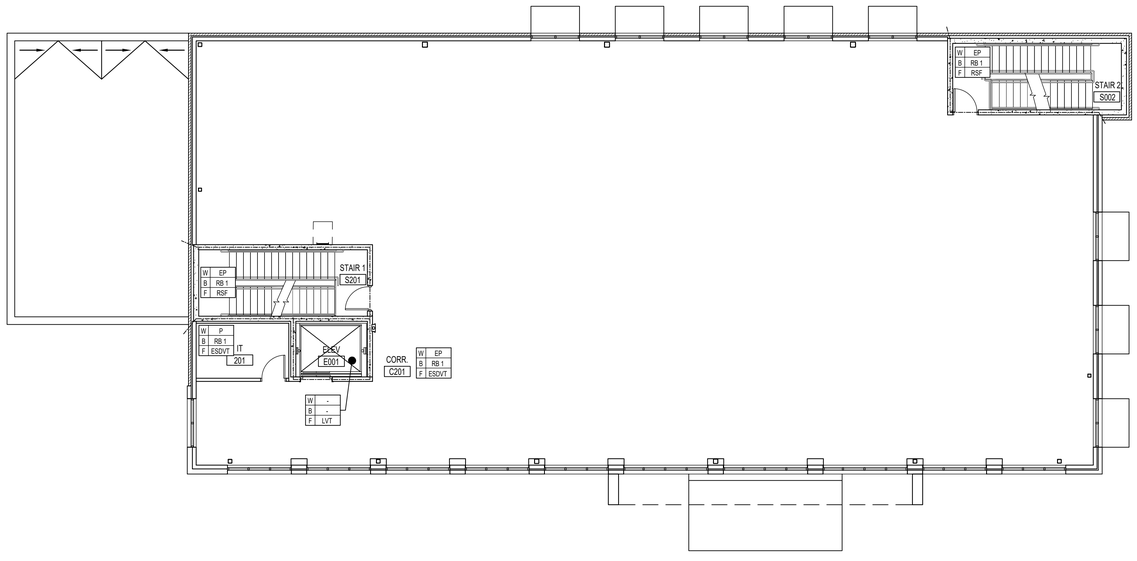
FINISH LEGEND

- W / P / B / RB / F / LVT — WALL FINISH / BASE / FLOORING
- 1 — FINISH NOTES NUMBER
- P-4 — ACCENT PAINT



BLACKBURN–HUNT BUILDING FIRST FLOOR FINISH PLAN

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



BLACKBURN–HUNT BUILDING SECOND FLOOR FINISH PLAN

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

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN–HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL

CRA ARCHITECTS

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DD	2-28-25	LB	TB / SD
100% CD	7-18-25	LM	TB
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REVISIONS

#	DATE	COMMENTS
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2	08-27-25	RESPONSE TO RFI # PRE-BID 24
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CRA PROJ.#: 24029

PHASE: CONSTRUCTION DOCUMENTS

SHEET TITLE
BLACKBURN-HUNT BLDG
1ST AND 2ND FLOOR FINISH PLANS

A10.3 of .

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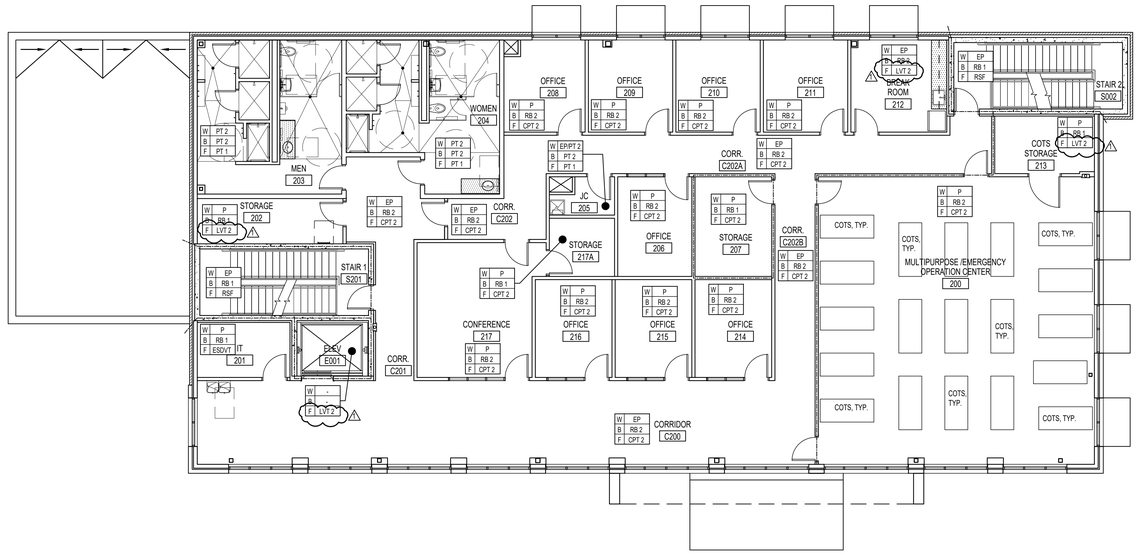

BLACKBURN–HUNT BUILDING SECOND FLOOR FINISH PLAN – ADD ALTERNATE

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

FINISH LEGEND

W P / B RB / F LVT ← WALL FINISH / BASE / FLOORING

1 ← FINISH NOTES NUMBER

P-4 ← ACCENT PAINT

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN–HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL

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SUBMITTAL

PHASE	DATE	DRAWN	CHECK
100% CD	7-16-25	LM	TB
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REVISIONS

#	DATE	COMMENTS
1	08-27-25	RESPONSE TO RFI # PRE-BID 24
2		
3		
4		
5		
6		
7		
8		

CRA PROJ.#: 24029

PHASE: CONSTRUCTION DOCUMENTS

SHEET TITLE
BLACKBURN-HUNT BLDG
2ND FLOOR FINISH PLAN – ADD ALTERNATE

A10.4 of .

G:\PROJECTS\2024\24029 - FSYLC - NEW OFFICE BUILDING - MUSEUM\DRAWINGS\CAD\ Working Drawings\24029 A10.4 FINISH PLAN.dwg, 8/27/2025 11:53 AM, CRA CAD DRAWER

30 0 15 30
1 Inch = 30 Feet

TREE DEBIT LIST

Survey #	Tree ID	Max. DBH	Hardwood or Long Leaf Pine	Category	Debits
REMOVED TREES					
12	Live Oak	28	Y	CAT C	30
13	Pine	19	N	CAT A	8
14	Pine	21	N	CAT A	8
15	Pine	22	N	CAT A	8
16	Pine	18	N	CAT A	6
17	Live Oak	15	Y	CAT C	12
18	Pine	14	N	UNPROT	0
19	Pine	23	N	CAT A	8
20	Pine	19	N	CAT A	8
21	Live Oak	30	Y	CAT C	30
22	Pine	26	N	CAT A	10
23	Live Oak	21	Y	CAT C	14
24	Pine	17	N	UNPROT	0
25	Pine	24	N	CAT A	8
26	Red Oak	28	Y	CAT C	30
27	Live Oak	24	Y	CAT C	14
28	Magnolia	18	Y	CAT C	12
29	Live Oak	21	Y	CAT C	14
30	Water Oak	19	Y	CAT A	8
31	Red Oak	23	Y	CAT C	14
53	Crepe Myrtle	4	A	UNPROT	0
54	Pine	20	N	CAT A	8
56	Live Oak	20	Y	CAT C	14
57	Pine	18	N	CAT A	6
58	Pine	12	N	UNPROT	0
59	Pine	14	N	UNPROT	0
60	Pine	15	N	UNPROT	0
61	Pine	16	N	UNPROT	0
62	Cherry	12	Y	CAT A	4
359	Live Oak	19	Y	CAT C	14
361	Live Oak	16	Y	CAT C	12
362	Live Oak	24	Y	CAT C	14
364	Live Oak	15	Y	CAT C	12
365	Pine	20	N	CAT A	8
366	Live Oak	27	Y	CAT C	30
370	Live Oak	35	Y	CAT C	36
373	Live Oak	27	Y	CAT C	30
697	Pine	19	N	CAT A	8
698	Pine	22	N	CAT A	8
699	Pine	15	N	UNPROT	0
700	Laurel Oak	15	Y	CAT A	6
701	Pine	17	N	UNPROT	0
702	Pine	25	N	CAT A	10
703	Laurel Oak	15	Y	CAT A	6
704	Pine	13	N	UNPROT	0
705	Live Oak	16	Y	CAT C	12
706	Pine	20	N	CAT A	8
707	Pine	19	N	CAT A	8
710	Sweet Gum	13	Y	CAT A	6
711	Sweet Gum	12	Y	CAT A	4
714	Live Oak	24	Y	CAT C	14
795	Laurel Oak	20	Y	CAT A	8
806	Pine	20	N	CAT A	8
815	Pine	25	N	CAT A	10
825	Magnolia	26	Y	CAT C	30
826	Live Oak	28	Y	CAT C	30
830	Live Oak	31	Y	CAT C	36
843	Live Oak	18	Y	CAT C	12
847	Live Oak	30	Y	CAT C	30
1056	Live Oak	38	Y	CAT C	40
1548	Water Oak	13	Y	CAT A	6
1549	Water Oak	16	Y	CAT A	6
1550	Pine	16	N	UNPROT	0
1551	Water Oak	13	Y	CAT A	6
1552	Water Oak	18	Y	CAT A	6
1554	Live Oak	42	Y	CAT C	40
1555	Laurel Oak	13	Y	CAT A	6
1556	Pine	27	N	CAT A	10
1615	Live Oak	45	Y	CAT C	44
TOTAL REMOVED TREE DEBITS					**848**

TREE IMPACTED LIST

Survey #	Tree ID	Max. DBH	Hardwood or Long Leaf Pine	Category	Debits
IMPACTED TREES					
709	Sweet Gum	25	Y	CAT A	10
712	Sweet Gum	12	Y	CAT A	4
713	Cherry	15	Y	CAT A	OFFSITE
2154	Pine	26	N	CAT A	OFFSITE
2157	Cherry	13	Y	CAT A	OFFSITE
2158	Sweet Gum	19	Y	CAT A	OFFSITE
2229	Pine	26	N	CAT A	OFFSITE
2230	Sweet Gum	19	Y	CAT A	OFFSITE
2233	Live Oak	39	Y	CAT C	OFFSITE
TOTAL IMPACTED TREE DEBITS					**14**

TREE CREDIT LIST

Survey #	Tree ID	Max. DBH	Category	Credits
Saved Tree				
7	Pine	32	CAT A	13
50	Crepe Myrtle	6	CAT A	2
51	Crepe Myrtle	4	CAT A	2
52	Crepe Myrtle	4	CAT A	2
739	Camphor	13	UNPROT	0
1537	Live Oak	36	CAT C	29
1538	Laurel Oak	12	CAT A	3
1539	Live Oak	45	CAT C	35
1540	Live Oak	21	CAT C	11
1541	Live Oak	42	CAT C	32
1732	Live Oak	67	CAT C	48
2234	Live Oak	18	CAT C	12
2836	Cypress	19	CAT C	11
2837	Cypress	14	CAT C	10
2838	Cypress	12	CAT C	8
2839	Cypress	18	CAT C	10
2840	Cypress	12	CAT C	8
2841	Laurel Oak	12	CAT A	3
TOTAL PRESERVED TREE CREDITS				**239**

LEGEND

- LIMITS OF DISTURBANCE
- TREE PROTECTION (TP)
- OBJECT TO BE REMOVED
- ASPHALT TO BE REMOVED
- CONCRETE TO BE REMOVED
- BUILDING TO BE REMOVED
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- EXISTING TREE TO BE IMPACTED

TREE PROTECTION AND MITIGATION NOTES:

1. THE CRITICAL PROTECTION ZONE (CPZ) MEANS THAT AREA SURROUNDING A TREE WITHIN A CIRCLE DESCRIBED BY A RADIUS OF ONE FOOT FOR EACH INCH OF THE TREE'S TRUNK DIAMETER AT BREAST HEIGHT (DBH).
2. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL INSTALL TREE PROTECTION BARRICADES THAT ARE MESH, HOG WIRE OR SIMILAR AND 4' IN HEIGHT AND STAKED IN THE GROUND WITH WOOD, METAL OR REBAR STAKES TO PROTECT PRESERVED TREES FROM DAMAGE DURING CONSTRUCTION. HAY BALES CAN BE SUBSTITUTED AS SPECIFIED IN THE PLANS TO SERVE AS BOTH TREE PROTECTION AND EROSION CONTROL. A DIAGRAM OF A TREE PROTECTION BARRICADE IS INCLUDED IN THE CONSTRUCTION PLANS. THESE BARRICADES SHALL BE INSTALLED AS SHOWN IN THE PLANS OR ACCORDING TO THE ARBORIST RECOMMENDATION TO PROTECT THE CPZ. STAKED HAY BALES CAN BE SUBSTITUTED AS SPECIFIED IN THE PLANS TO SERVE AS BOTH TREE PROTECTION AND EROSION CONTROL.
3. CONSTRUCTION ACTIVITY OF ANY KIND, INCLUDING DRIVING OVER OR STORING OF EQUIPMENT, MATERIALS OR SOILS SHALL ONLY OCCUR WITHIN THE LIMITS OF CLEARING OR AREAS DESIGNATED FOR THOSE PURPOSES AND SHALL NOT OCCUR WITHIN CPZS OF TREES.
4. ANY ROOT ZONES WITHIN THE CLEARING, STORAGE OR CONSTRUCTION AREA SHALL BE PROTECTED BY PLACEMENT OF WEIGHT DISTRIBUTION METHODS SUCH AS PLYWOOD, MULCH OR A COMBINATION TO REDUCE COMPACTION AND DAMAGE TO THE ROOTS.
5. ROOT PRUNING WILL OCCUR PRIOR TO ANY EXCAVATION WITHIN THE TREE CPZ. THIS PRUNING SHOULD BE DONE 8" OUTSIDE THE LINE OF EXCAVATION WHERE IT INTERSECTS THE CPZ OF THE TREE. ALL PRUNED OR EXPOSED ROOTS WILL BE COVERED AS SOON AS POSSIBLE WITH TOPSOIL, MULCH, OR OTHER ORGANIC MEDIUM. THE PRUNING SHOULD OCCUR AT THE SAME DEPTH AS THE EXCAVATION FOR THE SIDEWALK AND OTHER FEATURES. ROOTS LARGER THAN 2.5" IN DIAMETER SHALL BE PRUNED UNDER DIRECT SUPERVISION OF A CERTIFIED ARBORIST. THIS METHOD IS COMPLETED BY HAND AND REDUCES THE DAMAGE TO THE REMAINDER OF THE TREE'S ROOTS.
6. FOLLOWING ROOT PRUNING AND THROUGH SUBSTANTIAL COMPLETION OF THE PROJECT, THE TREES SHOULD BE WATERED AT THE RATE EQUIVALENT TO 1" OF RAINFALL PER WEEK DURING CONSTRUCTION. WATERING CAN BE ADJUSTED AS REQUIRED BY WEATHER CONDITIONS.
7. ANY SOIL EXCAVATED WHILE WORKING AROUND THE ROOTS SHALL BE IMMEDIATELY BACKFILLED WHEN COMPLETED TO PREVENT FURTHER DAMAGE TO THE ROOTS.
8. PERIODIC MONITORING OF THE TREE PROTECTION MEASURES SHALL OCCUR AS NEEDED TO ENSURE THAT THEY ARE IN PLACE, NOT DAMAGED AND INSTALLED CORRECTLY.
9. MITIGATION MEASURES SHALL BE COMPLETED BY OR UNDER THE SUPERVISION OF A CERTIFIED ARBORIST.

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TALLAHASSEE, FLORIDA, 32308
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FL CA 00030572

DATE	BY	REVISIONS
09/03/25	DIS	REVISED PER PRE-BID RFI #27

FLORIDA SHERIFFS ASSOCIATION EXPANSION
DEMOLITION PLAN
LEON COUNTY FLORIDA

SEAN K. MARSTON, P.E.
LICENSE NUMBER 55987

DRAWN BY:	D.I.S.
CHECKED BY:	S.K.M.
DATE:	08/27/2025

SHEET C-102
PROJECT No. 24048.00

September 3, 2025 (11:59:24 EST)
F:\24048.00 - FLORIDA SHERIFFS ASSOC. EXPANSION\CAD\DWG\MP\24048.00 DEMO.DWG

GENERAL NOTES

1. THE GOVERNING CODE FOR THIS PROJECT IS THE FLORIDA BUILDING CODE, 8th EDITION (2023). THIS CODE PRESCRIBES WHICH EDITION OF EACH REFERENCE STANDARD APPLIES TO THIS PROJECT. UNLESS OTHERWISE NOTED, ALL WORK AND MATERIALS SHALL CONFORM WITH THE BUILDING CODE AND ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCAL CODES, STANDARDS, REGULATIONS, AND LAWS.

2. THE CONTRACTOR SHALL COORDINATE ALL CONTRACT DOCUMENTS WITH FIELD CONDITIONS, DIMENSIONS, AND PROJECT SHOP DRAWINGS PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS. USE ONLY PRINTED DIMENSIONS. REPORT ANY DISCREPANCIES OR FIELD CONDITIONS ENCOUNTERED IN CONFLICT WITH THE DRAWINGS IN WRITING TO THE ARCHITECT AND/OR ENGINEER PRIOR TO PROCEEDING WITH WORK. DO NOT CHANGE THE SIZE OR LOCATION OF STRUCTURAL MEMBERS WITHOUT WRITTEN INSTRUCTIONS FROM THE ARCHITECT OR ENGINEER OF RECORD.

3. THE STRUCTURE SHOWN ON THESE DRAWINGS IS SELF-SUPPORTING ONLY IN ITS COMPLETED FORM. THE DESIGN, ADEQUACY, SAFETY AND STABILITY OR ERECTION BRACING, FORMWORK, SHORING, AND TEMPORARY SUPPORTS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

4. DETAILS LABELED AS "TYPICAL" APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED, WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION.

5. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTY, HIS OWN WORK, AND THE GENERAL PUBLIC FROM HARM. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE CONSTRUCTION MEANS AND METHODS, AND JOBSITE SAFETY INCLUDING ALL OSHA REQUIREMENTS. THE STRUCTURAL ENGINEER OF RECORD HAS NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION PERSONNEL RELATED TO THEIR WORK OR ANY HEALTH OR SAFETY PRECAUTIONS.

6. STRUCTURAL ELEMENTS LABELED AS "BY OTHERS" (LIGHT GAUGE FRAMING, PRECAST CONCRETE MEMBERS, CANOPIES, AWNINGS, ETC.) ARE DELEGATED DESIGN ITEMS TO BE DESIGNED BY OTHERS.

SHOP DRAWINGS

1. SHOP DRAWINGS ARE REQUIRED FOR THE FOLLOWING ITEMS, AT A MINIMUM:
   CONCRETE REINFORCING BARS
   CONCRETE MIX DESIGN
   CONCRETE SLAB JOINT PLAN
   PRECAST CONCRETE
   STRUCTURAL STEEL
   STEEL STAIR DRAWINGS
   LIGHT GAUGE METAL FRAMING
   GROUT MIX DESIGN
   MASONRY REINFORCING BARS
   SUB-GRADE AND FILL COMPACTION TEST RESULTS
   PRE-ENGINEERED WOOD TRUSSES
   PRE-ENGINEERED BAR JOIST TRUSSES
   METAL DECK

2. ALL SUBMISSIONS OF SHOP DRAWINGS FOR REVIEW SHALL BE MADE ELECTRONICALLY.

3. ALLOW TEN (10) WORKING DAYS FOR REVIEW OF EACH SHOP DRAWING COMMENCING THE NEXT WORKING DAY AFTER RECEIPT. CONTRACTOR SHALL PLAN SCHEDULE ACCORDINGLY TO ACCOMMODATE THIS REVIEW TIME.

4. SHOP DRAWINGS REVIEW IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT, CORRECTIONS OR COMMENTS MADE ON THIS REVIEW DO NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS AND OMISSIONS, NOR FROM COMPLIANCE WITH THE PLANS AND SPECIFICATIONS. CORRECTIONS OR COMMENTS DO NOT AUTHORIZE AN INCREASE IN THE CONSTRUCTION BUDGET.

5. REVIEW OF SHOP DRAWINGS DOES NOT CONSTITUTE ACCEPTANCE OF DEVIATIONS FROM CONTRACT DOCUMENTS OR PREVIOUS SHOP DRAWING REVIEW COMMENTS UNLESS SPECIFICALLY NOTED THEREIN BY THE ENGINEER OF RECORD.

6. CONTRACTOR RESPONSIBILITIES PRIOR TO SUBMITTING A SHOP DRAWING OR ANY RELATED MATERIAL TO THE ENGINEER:
   A. REVIEW EACH SUCH SUBMISSION FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND OPERATIONS OF CONSTRUCTION, AND SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO WHICH ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
   B. REVIEW AND APPROVE EACH SET PRIOR TO SUBMISSION WHICH SHALL INCLUDE VERIFICATION OF ALL DIMENSIONS AND GENERAL CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS.

7. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL CHANGES OR DELAYS CAUSED BY SUBMITTING INCOMPLETE SHOP DRAWINGS AND SHALL NOT BEGIN CONSTRUCTION OR FABRICATION WITHOUT RECEIPT OF REVIEWED SHOP DRAWINGS.

SUPERIMPOSED DESIGN LOADS

1.	ROOF	= 20 PSF LIVE / 20 PSF DEAD
2.	MUSEUM/DISPLAY	= 100 PSF LIVE / 25 PSF DEAD
3.	1st FLOOR CORRIDORS	= 100 PSF LIVE / 25 PSF DEAD
4.	2nd FLOOR CORRIDORS	= 100 PSF LIVE / 25 PSF DEAD
5.	LIBRARY	= 150 PSF LIVE / 25 PSF DEAD
6.	STAIRS AND LANDINGS	= 100 PSF LIVE / 25 PSF DEAD
7.	GUARDRAILS	
	A. TOP RAIL	= 200 LBS OR 50 PLF IN ANY DIRECTION (NON-CONCURRENT)
	B. INTERMEDIATE RAIL	= 50 LBS OVER 12" x 12" AREA

EARTHWORK FOR STRUCTURES

1. FOUNDATION DESIGN, SOIL PREPARATION AND COMPACTION ARE BASED ON GEOTECHNICAL INVESTIGATION, DATA AND RECOMMENDATIONS IN FILE NO. T24-399 BY SOUTHERN EARTH SCIENCES DATED MARCH 21, 2024. ALL FOOTINGS SHALL BEAR ON COMPACTED FILL OR NATURAL SOIL STRENGTHENED UTILIZING RAMMED AGGREGATE PIERS PER THE GEOTECHNICAL REPORT TO PROVIDE AN ALLOWABLE SOIL BEARING CAPACITY OF 5,000 PSF.

2. UNLESS NOTED OTHERWISE IN THE GEOTECHNICAL REPORT, ALL SOIL BELOW SLABS ON GRADE AND FOOTINGS SHALL BE COMPACTED TO A DEPTH OF 12 INCHES AT OPTIMUM MOISTURE CONTENT TO 95% OF THE MODIFIED PROCTOR, ASTM D1557. FILL SHALL BE PLACED AND COMPACTED IN LIFTS NO GREATER THAN 12 INCHES.

3. PROVIDE DENSITY TESTS IN COMPACTED SUBGRADE AND FOR EACH LIFT OF FILL AS FOLLOWS:
   A. FOR EACH 3,000 SQ FT OF BUILDING AREA
   B. FOR EVERY 300 LINEAR FT OF STRIP FOOTING OR GRADE BEAM
   C. FOR EVERY THIRD COLUMN FOOTING

4. SUB-GRADE PREPARATION SHALL BE FIELD CONTROLLED AND TESTED BY A LICENSED GEOTECHNICAL ENGINEER IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. AT COMPLETION, THAT ENGINEER SHALL PREPARE AND SUBMIT TO THE OWNER, ARCHITECT, CONTRACTOR, AND STRUCTURAL ENGINEER A SIGNED AND SEALED LETTER INDICATING THAT THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT HAVE BEEN FOLLOWED.

5. THE CONTRACTOR SHALL PROVIDE TEST PITS AT THE GEOTECHNICAL ENGINEER'S RECOMMENDATION AND UNDERCUT ALL PLASTIC CLAYS WITHIN 24 INCHES OF THE BOTTOM OF ALL FOOTINGS, SLABS ON GRADE, OR PAVEMENTS. UNDERCUT MATERIAL SHALL BE REPLACED WITH COURSE GRAINED APPROVED FILL OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER OF RECORD.

SLAB ON GRADE

1. REFER TO GEOTECHNICAL REPORT FOR SUB-GRADE PREPARATION MORE THAN 12 INCHES BELOW BOTTOM OF SLAB.

2. ABOVE SUB-GRADE, USE FILL CONTAINING NOT MORE THAN 12% PASSING #200 SIEVE AND MAXIMUM 1"Ø. COMPACT TO A DENSITY OF 95% OF THE MAXIMUM DRY DENSITY THROUGHOUT ITS FULL DEPTH AS DETERMINED BY MODIFIED PROCTOR ASTM D-1557.

3. ALL INTERIOR AND EXTERIOR SLABS ON GRADE SHALL BE A MINIMUM OF 4 INCHES THICK REINFORCED WITH 6x6 W1.4 x W1.4 WELDED WIRE MESH PLACED ON 6 MIL POLYETHYLENE SHEETING, UNLESS OTHERWISE NOTED IN THE CONSTRUCTION DOCUMENTS.

4. UNLESS OTHERWISE NOTED IN THE PLANS, PROVIDE CRACK CONTROL JOINTS AT 15 FEET MAXIMUM TO LIMIT AREAS BETWEEN JOINTS TO 225 SQUARE FEET IN ALL SLABS ON GRADE. LOCATE TO CONFORM TO BAY SPACING WHENEVER POSSIBLE. ADD CRACK CONTROL JOINTS AT RE-ENTRANT CORNERS WHICH TEND TO INVITE CRACKS.

5. IN SIDEWALKS AND WALKWAYS, LOCATE ISOLATION JOINTS AT 20 FEET ON CENTER, MAXIMUM. SCORE AND TOOL BETWEEN ISOLATION JOINTS IN EQUAL BAYS OF 5 FEET OR LESS.

6. SEE THE ARCHITECTURAL DRAWINGS FOR SLAB ON GRADE DEPRESSIONS AND OTHER REQUIREMENTS.

FORMWORK

1. DESIGN, ERECTION AND REMOVAL OF FORMWORK, AND SHORING AND RESHORING IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

2. CONSTRUCTION, ERECTION, AND REMOVAL OF FORMWORK SHALL BE IN ACCORDANCE WITH ACI 301 AND 347.

REINFORCEMENT

1. ALL REINFORCING STEEL SHALL BE INTERMEDIATE GRADE BILLET STEEL CONFORMING TO ASTM A615, GRADE 60, WITH THE FOLLOWING MINIMUM SPLICE LENGTH.
   A. CONCRETE REINFORCEMENT = SEE PROVIDED LAP SCHEDULE
   B. MASONRY REINFORCEMENT = 48 BAR DIAMETERS U.N.O.

2. PROVIDE ADDITIONAL HORIZONTAL CORNER BARS TO MATCH MAIN HORIZONTAL REINFORCING STEEL AT ALL BEAMS, OR WALL INTERSECTIONS, CORNERS AND OTHER CONCRETE DIRECTIONAL CHANGES, INCLUDING FOOTINGS.

3. ALL BENDS, AND 90° AND 180° HOOKED BARS SHALL BE FABRICATED IN ACCORDANCE WITH ACI AND AS INDICATED IN THE STANDARD DETAILS.

4. REINFORCING SHALL BE ACCURATELY PLACED, RIGIDLY SUPPORTED AND FIRMLY TIED IN PLACE, WITH APPROPRIATE BAR SUPPORTS AND SPACERS.

   WHERE SPECIFIED, PROVIDE PLAIN, COLD-DRAWN ELECTRICALLY-WELDED WIRE REINFORCEMENT CONFORMING TO ASTM A 1064. SUPPLY IN FLAT SHEETS ONLY. LAP SPLICE TWO CROSS WIRES PLUS TWO INCHES.

CONCRETE

1. ALL CONCRETE CONSTRUCTION SHALL COMPLY WITH ACI 301 AND 318 AND CRSI STANDARDS.

2. STRUCTURAL CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE DESIGN STRENGTH (FC') IN 28 DAYS OF:

FOUNDATIONS	3,000 PSI	NW
SLAB ON GRADE	3,000 PSI	NW
RETAINING WALL	4,000 PSI	NW
ELEVATED DECK	4,000 PSI	LW

3. ALL CONCRETE SHALL BE NORMAL WEIGHT (NW), U.O.N. WITH A DESIGN UNIT WEIGHT OF 145 PCF.

4. LIGHT WEIGHT CONCRETE (LW) SHALL HAVE A MAXIMUM UNIT WEIGHT OF 120 PCF, U.O.N.

5. CONTRACTOR SHALL MAKE SETS OF FOUR ACCEPTANCE CYLINDERS FOR STRENGTH TESTING FOR EACH 50 CUBIC YARDS OF CONCRETE PLACED. CYLINDERS SHALL BE MADE IN ACCORDANCE WITH ASTM C31 AND C172. TESTING SHALL BE PERFORMED BY AN ACI CERTIFIED TESTING LABORATORY AND SHALL BE PAID FOR BY THE CONTRACTOR. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND/OR STRUCTURAL ENGINEER OF ANY TEST NOT MEETING THE REQUIREMENTS OF THE SPECIFIED TESTS. COPIES OF REPORTS DOCUMENTING THE TEST RESULTS SHALL BE MAINTAINED BY THE CONTRACTOR AND MADE AVAILABLE UPON REQUEST.

6. PROVIDE COVER OVER REINFORCING STEEL AS FOLLOWS:

CAST AGAINST & EXPOSED TO EARTH/WEATHER	3"
EXPOSED TO EARTH/WEATHER	
#6 THROUGH #18 REBAR	2"
#5 REBAR, W31/D31 WIRE OR SMALLER	1-1/2"
NOT EXPOSED TO EARTH/WEATHER	
SLABS, WALLS, JOISTS	
#14 AND #18 REBAR	1-1/2"
#11 REBAR AND SMALLER	3/4"
BEAMS AND COLUMNS	
REINF, TIES, STIRRUPS, SPIRALS	1-1/2"

7. CURE ALL CONCRETE SURFACES FOR A PERIOD OF SEVEN DAYS UNTIL AVERAGE COMPRESSIVE STRENGTH HAS REACHED 70% OF THE SPECIFIED 28 DAY STRENGTH. CURING SHALL BE BY PONDING, MOIST CURING WITH SAND OR ABSORPTIVE MATS KEPT CONTINUOUSLY WET, CONTINUOUS APPLICATION OF STEAM (NOT EXCEEDING 105° F) OR MIST SPRAY, WATERPROOF CURING PAPER, OR LIQUID MEMBRANE FORMING CURING COMPOUND. SELECTION OF CURING METHOD SHALL BE COMPATIBLE WITH THE FINISH TO BE APPLIED TO THE CONCRETE SURFACE.

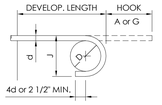
8. IN WALL CONSTRUCTION, CONCRETE SHALL BE PLACED IN A CONTINUOUS OPERATION IN LIFTS NOT TO EXCEED FOUR FEET. EACH LIFT SHALL BE CONSOLIDATED BY INTERNAL VIBRATION PRIOR TO CONTINUING TO THE NEXT LIFT. CONCRETE SHALL BE PLACED THROUGH VERTICAL, FLEXIBLE TRUNKS OR SHOOTS THAT CAN EXTEND TO THE BOTTOM OF THE FORMS. THE TRUNK SHALL BE LIFTED AS THE CONCRETE RISES. THE CONCRETE SHALL NOT FREE FALL.

9. WHERE REINFORCING STEEL CONGESTION PERMITS, CONDUIT AND PIPES UP TO ONE INCH DIAMETER MAY BE EMBEDDED IN CONCRETE PER ACI 318, SECTION 6.3. SPACE AT THREE DIAMETERS ON CENTER. PLACE BETWEEN OUTER LAYERS OF REINFORCING IF CONDUITS ARE SIGNIFICANTLY CONGESTED. ADDITIONAL REINFORCING PERPENDICULAR TO PIPING MAY BE REQUIRED. REQUESTS TO EMBED LARGER PIPES SHOULD BE ACCOMPANIED BY A DETAILED DESCRIPTION AND BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR EVALUATION.

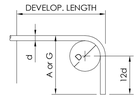
REBAR LAP SPLICE LENGTHS

BAR SIZE	f'c = 3,000 PSI		f'c = 4,000 PSI		f'c = 5,000 PSI	
	CLASS A	CLASS B	CLASS A	CLASS B	CLASS A	CLASS B
#3	16"	21"	14"	18"	13"	17"
#4	22"	28"	19"	25"	17"	22"
#5	27"	36"	24"	31"	21"	28"
#6	33"	43"	28"	37"	25"	33"
#7	48"	62"	42"	54"	37"	48"
#8	55"	71"	47"	62"	42"	55"
#9	62"	80"	54"	70"	48"	62"
#10	70"	90"	60"	78"	54"	70"
#11	77"	100"	67"	87"	60"	78"

REBAR LAP SPLICE NOTES:
1. CLASS B SPLICES SHALL BE PROVIDED FOR ALL COLUMN REINFORCEMENT STEEL.
2. CLASS A SPLICES ARE ALLOWEED FOR CONTINUOUS REINFORCING STEEL IF NO MORE THAN 50% OF STEEL IS LAPPED AT THE SAME LOCATION.



180° HOOK



90° HOOK

BAR SIZE	STD. HOOK DIMENSIONS			DEVELOP. LENGTHS		
	PIN DIAM. D	180° HOOK		90° HK	CONC. COMP. STRENGTH	
		A or G	J	A or G	3,000 PSI	4,000 PSI	5,000 PSI
#3	2 1/4"	0'-5"	0'-3"	0'-6"	6"	6"	6"
#4	3"	0'-6"	0'-4"	0'-8"	8"	7"	6"
#5	3 3/4"	0'-7"	0'-5"	0'-10"	10"	9"	8"
#6	4 1/2"	0'-8"	0'-6"	1'-0"	12"	10"	9"
#7	5 1/4"	0'-10"	0'-7"	1'-2"	14"	12"	11"
#8	6"	0'-11"	0'-8"	1'-4"	16"	14"	12"
#9	9 1/2"	1'-3"	0'-11 3/4"	1'-8"	18"	15"	14"
#10	10 3/4"	1'-5"	1'-1 1/4"	1'-10"	20"	17"	15"
#11	12"	1'-7"	1'-2 3/4"	2'-1"	22"	19"	17"

REBAR STANDARDS HOOK NOTES:
1. D = FINISHED BEND DIAMETERS
2. REFER TO ACI 315 FOR ALTERNATE BEND PATTERNS DIMENSIONS AND REQUIREMENTS/
3. ASTM A767 REQUIRES THAT BARS BENT COLD PRIOR TO HOT DIP GALVANIZING MUST BE FABRICATED TO A MINIMUM BEND DIAMETER EQUAL TO 7 INCHES OR #7 BAR AND 8 INCHES FOR #8 BAR.

STRUCTURAL STEEL

1. FABRICATE AND ERECT STRUCTURAL STEEL IN CONFORMANCE W/ AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", WITH COMMENTARY, AND ALL OSHA REQUIREMENTS.

2. STRUCTURAL STEEL SHAPES SHALL BE FABRICATED FROM THE FOLLOWING MATERIALS:

A.	ROLLED W AND WT SHAPES:	ASTM A992, GRADE 50
B.	ROLLED M, S, C AND MC SHAPES AND ANGLES:	ASTM A36, Fy=36 KSI
C.	PLATES AND BARS:	ASTM A36, Fy=36 KSI
D.	STEEL PIPE:	ASTM A53, GRADE B, Fy=35 KSI
E.	COLD-FORMED HOLLOW STRUCTURAL SECTIONS (HSS):	
	SQUARE AND RECTANGULAR SECTIONS;	ASTM A500, GRADE C, Fy=50 KSI
	ROUND SECTIONS;	ASTM A500, GRADE C, Fy=46 KSI

3. ALL SHOP AND FIELD WELDING SHALL CONFORM TO THE AWS D1.1 STRUCTURAL WELDING CODE BY THE AMERICAN WELDING SOCIETY. USE E70 SERIES WELDING ELECTRODES, U.O.N. WHERE NECESSARY, REMOVE GALVANIZING OR PRIMER PRIOR TO WELDING.

4. ALL ANCHOR BOLTS SHALL BE ASTM F1554-55, U.N.O.

5. A325 BOLTS SHALL COMPLY WITH "SPECIFICATION FOR STRUCTURAL JOINTS USING: ASTM A325 OR A490 BOLTS", INCLUDING COMMENTARY.

6. TYPICAL BOLTS USED IN STRUCTURAL CONNECTIONS FOR THIS PROJECT ARE 3/4 INCH DIAMETER, U.O.N.

7. TIGHTEN BEARING-TYPE BOLTS (A-325N) TO THE SNUG TIGHT CONDITION AS FOLLOWS:

   A. BOLTS SHALL BE PLACED IN ALL HOLES, WITH WASHERS POSITIONED AS REQUIRED AND NUTS THREADED TO COMPLETE THE ASSEMBLY.
   B. COMPACTING THE JOINT TO THE SNUG-TIGHT CONDITION SHALL PROGRESS SYSTEMATICALLY FROM THE MOST RIGID PART OF THE JOINT.
   C. THE SNUG-TIGHTENED CONDITION IS THE TIGHTNESS THAT IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH.
   D. MORE THAN ONE CYCLE THROUGH THE BOLT PATTERN MAY BE REQUIRED TO ACHIEVE THE SNUG-TIGHTENED JOINT.
   E. PROVIDE HARDENED WASHERS CONFORMING TO ASTM F436 AND PLACE UNDER THE PART BEING TURNED.
   F. DO NOT REUSE OR RE-TIGHTEN BOLTS WHICH HAVE BEEN FULLY TIGHTENED. USE ONLY NON-GALVANIZED NUTS AND BOLTS THAT ARE CLEAN, RUST-FREE, AND WELL LUBRICATED. BOLTS AND NUTS SHALL BE WAX DIPPED BY THE BOLT SUPPLIER.
   G. STORE FASTENER COMPONENTS TO PREVENT CONTAMINATION BY MOISTURE OR OTHER DELETERIOUS SUBSTANCES. FASTENERS FROM OPEN CONTAINERS AND FASTENERS THAT ACCUMULATE RUST OR DIRT SHALL NOT BE USED AND SHALL BE IMMEDIATELY AND PERMANENTLY REMOVED FROM THE PROJECT SITE.

8. ALL FULL PENETRATION WELDS SHALL BE TESTED USING ULTRASONIC (UT) OR RADIOGRAPHIC (RT) METHODS. SUBMITTED COMPLETED TESTING CERTIFICATES TO PROVE CONFORMANCE.

9. SHOP AND FIELD PAINT:
   A. PRIMER: FABRICATOR'S STANDARD LEAD AND CHROMATE FREE, NON-ASPHALTIC, RUST INHIBITING PRIMER CONFORMING TO SSPC-PAINT 2, TYPE II.
   B. SURFACE PREPARATION: CLEAN SURFACES TO BE PRIMED TO REMOVE LOOSE RUST AND MILL SCALE USING SSPC-SP 2, "HAND TOOL CLEANING" AND SSPC-SP 3 "POWER TOOL CLEANING".
   C. IMMEDIATELY AFTER SURFACE PREPARATION, APPLY PRIMER TO PROVIDE A DRY THICKNESS OF NOT LESS THEN 1.5 MILS.
   D. TOUCHUP: RE-CLEAN AND REPAINT ALL PRIMER DAMAGED BY THE ERECTION OR CONSTRUCTION PROCESS.

STRUCTURAL STEEL

10. HOT DIPPED GALVANIZATION:
    A. AFTER FABRICATION, ALL INDICATED STRUCTURAL MEMBERS SHALL BE GALVANIZED PER ASTM A123 TO A MINIMUM COATING THICKNESS OF 3.9 MILS.
    B. FIELD DRILLING, CUTTING, WELDING OR OTHER DAMAGING ADJUSTMENTS SHALL NOT BE PERMITTED AFTER GALVANIZATION WITHOUT APPROVAL OF THE EOR.
    C. TOUCH UP ANY DAMAGE TO GALVANIZED SURFACES WITH TWO COATS OF ZINC-BASED TOUCH UP COATING: ZRC COLD GALVANIZING COMPOUND, MANUFACTURED BY ZRC WORLDWIDE OR APPROVED ALTERNATIVE.

11. SEITING BASE AND BEARING PLATES:
    A. CLEAN CONCRETE BEARING SURFACE OF BOND-REDUCING MATERIALS AND CLEAN BOTTOM OF BASE PLATE.
    B. SET BASE OR BEARING PLATE ON WEDGE OR OTHER ADJUSTING DEVICES AS REQUIRED.
    C. TIGHTEN ANCHOR RODS AFTER STRUCTURAL STEEL FRAME HAS BEEN PLUMBED. DO NOT REMOVE WEDGES OR SHIMS BUT, IF PROTRUDING, CUT OFF FLUSH WITH EDGE OF BASE OR BEARING PLATE PRIOR TO PACKING WITH GROUT.
    D. PACK OR POUR NON-SHRINK GROUT SOLIDLY BETWEEN BEARING SURFACE AND BASE OR BEARING PLATE. ENSURE THAT NO VOIDS REMAIN. FINISH EXPOSED SURFACES, PROTECT GROUT AND ALLOW TO CURE.
    E. NON-SHRINK GROUT SHALL BE NONMETALLIC SHRINKAGE RESISTANT GROUT CONFORMING TO ASTM C1107.
    F. FOR PROPRIETARY GROUT MATERIALS, COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
    G. BASE PLATES MUST BE GROUTED A MINIMUM OF 72 HOURS PRIOR TO PLACING CONCRETE SLABS ON SUPPORTING STEEL STRUCTURE.

12. CUT, DRILL, OR PUNCH HOLES PERPENDICULAR TO METAL SURFACES. REAM HOLES THAT MUST BE ENLARGED TO ADMIT BOLTS AS PERMITTED BY ARCHITECT. DO NOT ENLARGE UNFAIR HOLES BY BURNING OR USING DRIFT PINS.

OPEN WEB STEEL JOISTS:

1. DESIGN, MANUFACTURE, AND ERECTION OF OPEN WEB STEEL JOISTS SHALL BE PER THE STEEL JOIST INSTITUTE'S SPECIFICATIONS, LATEST EDITION.

2. ALL STEEL JOISTS SHALL BE SHOP COATED WITH A PRIMER COAT AND PAINTED PER PAINTING REQUIREMENTS IN THE PLANS AND SPECIFICATIONS.

3. EACH JOIST SHALL BE LATERALLY BRACED IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE (SJI) REQUIREMENTS BEFORE NEXT JOISTS IS ERECTED AND BEFORE ANY LOAD IS APPLIED.

4. THE JOISTS SHALL BE DESIGNED FOR THE NET UPLIFT INDICATED IN THE STRUCTURAL NOTES BRIDGING SHALL BE MADE AT PANEL POINTS OF JOISTS, MINIMUM BRIDGING SIZE SHALL BE L1 1/4x1 1/4x1/8 UNLESS LARGER IS REQUIRED BY SJI SPECIFICATIONS AND SHALL CONFORM TO CURRENT OSHA REQUIREMENTS.

5. ANY CONCENTRATED LOADING EXCEEDING 50 POUNDS SHALL BE SUSPENDED FROM PANEL POINTS OF STEEL JOISTS. SEE JOIST REINFORCEMENT DETAILS FOR REQUIREMENTS WHEN LOADING EXCEEDS 50 POUNDS ON THE TOP OR BOTTOM CHORDS.

6. JOIST SEATS SHALL HAVE THE CAPACITY TO RESIST A LATERAL LOAD APPLIED TO THE TOP CHORD, PERPENDICULAR TO THE SPAN (ROLLOVER). PROVIDE A MINIMUM ROLLOVER FORCE OF 2,000 POUNDS FOR SEATS UP TO 21/2 INCHES DEEP AND 1,200 POUNDS FOR SEAT OVER 31/2 INCHES DEEP.

COLD FORMED STEEL FRAMING

1. ALL COLD-FORMED STEEL FRAMING SHALL CONFORM TO ASTM A1003 AND BE FABRICATED AND ERECTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND WITH THE LATEST EDITION OF "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" BY THE AMERICAN IRON AND STEEL INSTITUTE (AISI).

2. COLD-FORMED STEEL FRAMING SHOWN SHALL HAVE THE FOLLOWING MINIMUM MATERIAL PROPERTIES:
   A. 16 GAUGE (54 MIL) AND THICKER SHALL HAVE A MINIMUM YIELD STRESS OF Fy = 50 KSI AND A TENSILE STRENGTH OF Fu = 65 KSI.
   B. 18 GAUGE (43 MIL) AND THINNER SHALL HAVE A MINIMUM YIELD STRESS OF Fy = 33 KSI AND A TENSILE STRENGTH OF Fu = 45 KSI.

3. USE GALVANIZED (G60) STEEL "C" STUDS, TRACKS, ANGLES AND STRAPS AS SHOWN ON DRAWINGS. ALL STUDS SHALL HAVE A MINIMUM FLANGE WIDTH OF 1-5/8 INCH WITH A 1/2 INCH RETURN LIP. TRACKS SHALL BE A MINIMUM OF THE SAME GAUGE AS STUDS WITH MINIMUM OF 1-1/4 INCH LEG.

4. MAXIMUM SPACING OF LATERAL BRIDGING FOR COLD-FORMED STEEL STUDS SHALL BE 4 FEET FOR SPANS GREATER THAN 10 FEET AND MIDSPAN FOR SHORTER SPANS. LATERAL BRIDGING SHALL ALSO BE PROVIDED AT FREE ENDS OF CANTILEVERED PARAPETS AND NEAR THE SUPPORTS OF CONTINUOUS SPANS.

5. STUDS SHALL BE FREE OF KINKS AND TWISTS AND SHALL BE SECURELY SEATED FOR FULL END BEARING ON TOP AND BOTTOM TRACK.

6. UNLESS INDICATED OTHERWISE, PROVIDE DOUBLE STUDS AT ALL JAMBS, CORNERS AND INTERSECTIONS.

7. LIGHT GAUGE FRAMING (LGF) SHALL BE CONNECTED, AT A MINIMUM, AS FOLLOWS:
   A. LGF TO STEEL:
      TRACKS - 1 PAF @ 12" O.C. STAGGERED
      CLIPS - 2 PAF
   B. LGF TO CONCRETE:
      TRACKS - 1 PAF @ 12" O.C. STAGGERED
      CLIPS - 2 PAF
   C. LGF TO LGF:
      TRACKS - #10 TO EACH FLANGE
      CLIPS/STUD - 4 #10

8. SCREWS, WHERE REQUIRED, SHALL MEET THE MINIMUM REQUIREMENTS OF SAE J-429 GRADE 5 AND IFI-105. SCREWS SHALL HAVE A PROTECTIVE COATING EQUIVALENT TO CADMIUM OR ZINC PLATING, ASTM B766.

9. POWDER ACTUATED FASTENERS (PAF) SHALL BE HILTI X-U KNURLED SHANK FASTENERS (WITH A MINIMUM SHANK DIAMETER OF 0.157 INCHES) OR APPROVED EQUAL. A MINIMUM EMBEDMENT OF 1 INCH SHALL BE PROVIDED FOR ALL CONCRETE CONNECTIONS.

10. 3/16 INCH TAPCONS WITH A MINIMUM EMBEDMENT OF 11/2 INCH MAY BE USED IN LIEU OF THE SPECIFIED PAF FOR CONNECTIONS OF LIGHT GAUGE FRAMING TO CONCRETE AT THE SPACINGS SHOWN ABOVE OR IN THE DETAILS FOR PAF.

11. #12 SELF TAPPING SCREWS MAY BE USED IN LIEU OF THE SPECIFIED PAF FOR CONNECTIONS OF LIGHT GAUGE FRAMING TO STEEL AT THE SPACINGS SHOWN ABOVE FOR PAF IF THE THICKNESS OF THE STRUCTURAL STEEL ALLOWS FOR PROPER INSTALLATION.

12. FIELD CUTTING OF LIGHT GAUGE FRAMING MEMBERS SHALL BE BY SAW OR SHEAR. TORCH CUTTING IS NOT PERMITTED.

13. SPLICING OF FRAMING COMPONENTS, OTHER THAN THE CONTINUOUS TRACK AT THE TOP AND BOTTOM OF WALLS, IS NOT PERMITTED, U.O.N. SPLICING OF TRACK USED IN THE CONSTRUCTION OF THE JAMB, HEAD OR SILL ASSEMBLIES OF FRAMED WALL OPENINGS IS NOT PERMITTED. WHERE SPLICING OF TRACK IS NECESSARY BETWEEN STUD SPACINGS, A SECTION OF STUD SHALL BE PLACED IN THE ADJOINING TRACKS ACROSS THE JOINT AND FASTENED TO THE FLANGES AT BOTH SIDES OF THE WALL.

CONCRETE MASONRY

1. CONCRETE MASONRY MATERIALS AND CONSTRUCTION SHALL CONFORM WITH TMS 402-16, BUILDING CODE FOR MASONRY STRUCTURES.

2. COMPRESSIVE STRENGTH OF MASONRY SHALL BE DETERMINED BY THE UNIT STRENGTH METHOD AS SET FORTH IN ACI 530.1. THE NET AREA COMPRESSIVE STRENGTH OF MASONRY (F'm) SHALL BE A MINIMUM OF 1,500 PSI AT 28 DAYS.

3. USE 50% SOLID CONCRETE MASONRY UNITS CONFORMING TO ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 1,900 PSI AT 28 DAYS.

4. USE TYPE S MORTAR IN ACCORDANCE WITH ASTM C270 EXCEPT USE TYPE M MORTAR BELOW GRADE. HEAD AND BED JOINTS SHALL BE 3/8 INCH FOR THE THICKNESS OF THE FACE SHELL. WEBS ARE TO BE FULLY MORTARED IN ALL COURSES OF PIERS, COLUMNS AND PILASTERS, IN THE STARTING COURSE AND WHERE AN ADJACENT CELL IS TO BE GROUTED. REMOVE MORTAR PROTRUSIONS EXTENDING 1/2 INCH OR MORE INTO CELLS TO BE GROUTED.

5. USE FINE OR COARSE GROUT CONFORMING TO ASTM C476, WITH A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI IN 28 DAYS. AGGREGATE SHALL CONFORM TO ASTM C404 FOR GROUT SELECTED, WITH SLUMP OF 8 INCHES TO 11 INCHES.

6. ALL REINFORCED CELLS AND CELLS WITH EXPANSION BOLTS, EMBED PLATES, OR OTHER ANCHORS AND ALL CELLS BELOW GRADE SHALL BE GROUTED SOLID IN ACCORDANCE WITH ACI 530.1. ALLOW MORTAR TO CURE 24 HOURS PRIOR TO GROUTING.

7. LAY UP UNITS IN RUNNING BOND UNLESS OTHER

SECTION 080500 - DOOR SCHEDULE

ROOM NAME	ROOM No.	MARK	SIZE WxHxT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	THRESH	LBL	MARK	HDWR No.	DETAIL	NOTES / REMARKS
YOUTH LEARNING CENTER															
YOUTH LEARNING CENTER - FIRST FLOOR															
LOBBY	100	100	PR 3'-0" x 8'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100	1		EXT., CR
LOBBY	100	100A	PR 3'-0" x 8'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100A	1		EXT., CR
LOBBY	100	100B	PR 3'-0" x 8'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100B	1		EXT., CR
LOBBY	100	100C	3'-0" x 8/'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100C	2		EXT., CR
OFFICE	101	101	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	SF2	ALUM	ANOD			101	13		CR, 6" WD TRIM
IT	102	102	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			102	13		CR
ELECTRICAL ROOM	103	103	3'-0" x 7'-0" x 1 3/4"	3	HM	PT	F1	HM	PT			103	4		EXT., CR
WOMEN'S TOILET	104	104	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			104	20		
MEN'S TOILET	105	105	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			105	20		
JANITOR'S CLOSET	106	106	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			106	13		CR
PROJECTOR ROOM	107	107	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			107	13		CR
MOVIE THEATER	108	108	PR 3'-0" x 7'-0" x 1 3/4"	3	HM	PT	F1	HM	PT			108	3		EXT., CR
MOVIE THEATER	108	108A	PR 3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT		1 HR	108A	7.1		SOUND/ STC 50
VESTIBULE	111	111	3'-0" x 7'-0" x 1 3/4"	2	HM	ST	F1	HM	PT			111	5		EXT., CR
VESTIBULE	111	111A	12'-0" X 12'-0"	4	STL	PT		STL	PT			111A	21		ROLL-UP
VESTIBULE	111	111B	14'-0 X 14'-0"	MANUF	MANUF			MANUF	MANUF			111B	22		FOLDING PARTITION
SUPPORT STORAGE	112	112	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			112	13		CR
STAIR 2	S102	S102	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S102	11		CR
STAIR 3	S103	S103	3'-0" x 7'-0" x 1 3/4"	2	HM	PT	F1	HM	PT			S103	4		EXT., CR
STAIR 3	S103	S103A	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S103A	12		
YOUTH LEARNING CENTER - SECOND FLOOR															
CORRIDOR	C201	C201	PR 3'-0" x 7'-0" x 1 3/4"	1	WD	ST	F2	HM	PT			C201	6		CR
CONFERENCE ROOM	200	200	PR 3'-0" x 7'-0" x 1 3/4"	1	WD	ST	F2	HM	PT			200	10		
IT	201	201	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			201	13		CR
ELECTRICAL ROOM	202	202	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			202	14		CR
STORAGE	203	203	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT		1 HR	203	15		CR
WOMEN'S TOILET	204	204	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			204	20		

SECTION 080500 - DOOR SCHEDULE

ROOM NAME	ROOM No.	MARK	SIZE WxHxT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	THRESH	LBL	MARK	HDWR No.	DETAIL	NOTES / REMARKS
MEN'S TOILET	205	205	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			205	20		
DRIVING SIMULATOR	206	206	PR 3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			206	7		SOUND/ STC 50
LIBRARY/ CLASSROOM	207	207	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT			207	16		
LIBRARY/ CLASSROOM	207	207A	PR 3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT			207A	9		
LIBRARY/ CLASSROOM	207	207B	10'-0" H	MANUF	MANUF			MANUF	MANUF			207B	22		FOLDING PARTITION
OFFICE	208	208	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			208	17		
OFFICE	209	209	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			209	17		
OFFICE	210	210	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			210	17		
OFFICE	211	211	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			211	17		
OFFICE	212	212	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			212	17		
BREAK ROOM	213	213	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT			213	19		
SUPPORT	214	214	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			214	17		
MEN'S TOILET	215	215	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			215	18		
WOMEN'S TOILET	216	216	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			216	20		
JANITOR'S CLOSET	217	217	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			217	13		CR
OFFICE	218	218	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			218	17		
OFFICE	219	219	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			219	17		
STORAGE	220	220	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT		1 HR	220	15		CR
MULTI-PURPOSE/ DISPATCH TRAINING	221	221	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			221	8		SOUND/ STC 50
ACTIVE SHOOTER SIMULATOR	222	222	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			222	8		SOUND/ STC 50
STAIR 2	S202	S202	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S202	12		
STAIR 3	S203	S203	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S203	12		
BLACKBURN-HUNT															
BLACKBURN-HUNT - FIRST FLOOR															
CORRIDOR	C101	C101	3'-0" x 7'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			C101	24		EXT., CR
LOBBY	100	100	PR 3'-0" x 7'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100	23		EXT., CR
LOBBY	100	100A	PR 3'-0" x 7'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100A	23		EXT., CR
LOBBY	100	100B	PR 3'-0" x 7'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100B	23		EXT., CR
JANITOR'S CLOSET	101	101	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			101	33		CR

SECTION 080500 - DOOR SCHEDULE

ROOM NAME	ROOM No.	MARK	SIZE WxHxT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	THRESH	LBL	MARK	HDWR No.	DETAIL	NOTES / REMARKS
MEN'S TOILET	102	102	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			102	38		
WOMEN'S TOILET	103	103	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			103	38		
STORAGE	104	104	PR 3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT		1 HR	104	28		CR
MULTI-PURPOSE	105	105	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT		1 HR	105	31		
MULTI-PURPOSE	105	105A	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT		1 HR	105A	31		
MULTI-PURPOSE	105	105B	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT		1 HR	105B	31		
KITCHENETTE	106	106	3'-0" x 7'-0" x 1 3/4"	3	HM	PT	F1	HM	PT			106	27		EXT., CR
KITCHENETTE	106	106A	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT		1 HR	106A	35		
KITCHENETTE	106	106B	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT		1 HR	106B	35		
ELECTRICAL/ MECHANICAL	107	107	3'-0" x 7'-0" x 1 3/4"	3	HM	PT	F1	HM	PT			107	25		EXT., CR
STORAGE	108	108	PR 3'-0" x 7'-0" x 1 3/4"	3	HM	PT	F1	HM	PT			108	26		EXT., CR
STAIR 1	S101	S101	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S101	30		CR
STAIR 2	S102	S102	7'-4" x 7'-0" x 1 3/4"	2	HM	PT	F1	HM	PT			S102	25		EXT., CR
BLACKBURN-HUNT - SECOND FLOOR															
CORRIDOR	C202	C202	3'-0" x 7'-0" x 1 3/4"	2	WD		F2	HM	PT			C202	37		
MULTI-PURPOSE/ CLASSROOMS	200	200	3'-0" x 7'-0" x 1 3/4"	2	WD		F2	HM	PT		1 HR	200	35		
MULTI-PURPOSE/ CLASSROOMS	200	200A	3'-0" x 7'-0" x 1 3/4"	2	WD		F2	HM	PT		1 HR	200A	35		
IT	201	201	3'-0" x 7'-0" x 1 3/4"	3	WD		F2	HM	PT			201	33		CR, **BASE BID**
STORAGE	202	202	3'-0" x 7'-0" x 1 3/4"	3	WD		F2	HM	PT			202	33		CR
MEN'S TOILET	203	203	3'-0" x 7'-0" x 1 3/4"	3	WD		F2	HM	PT			203	38		
MEN'S SHOWER	203	203A	2'-8" x 7'-0" x 1 3/4"	3	FG	-	-	HM	PT			203A	36		
MEN'S SHOWER	203	203B	2'-8" x 7'-0" x 1 3/4"	3	FG	-	-	HM	PT			203B	36		
WOMEN'S TOILET	204	204	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			204	38		
WOMEN'S SHOWER	204	204A	2'-8" x 7'-0" x 1 3/4"	3	FG	-	-	HM	PT			204A	36		
WOMEN'S SHOWER	204	204B	2'-8" x 7'-0" x 1 3/4"	3	FG	-	-	HM	PT			204B	36		
JANITOR'S CLOSET	205	205	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			205	33		CR
OFFICE	206	206	3'-0" x 7'-0" x 1 3/4"	1	WD	ST	SF3	ALUM	ANOD			206	34		
STORAGE	207	207	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT		1 HR	207	33.1		CR
OFFICE	208	208	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			208	34		

SECTION 080500 - DOOR SCHEDULE

ROOM NAME	ROOM No.	MARK	SIZE WxHxT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	THRESH	LBL	MARK	HDWR No.	DETAIL	NOTES / REMARKS
OFFICE	209	209	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			209	34		
OFFICE	210	210	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			210	34		
OFFICE	211	211	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			211	34		
BREAK ROOM	212	212	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT			212	37		
CLOSET	213	213	PR 3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			213	29		
OFFICE	214	214	3'-0" x 7'-0" x 1 3/4"	1	WD	ST	SF3	ALUM	ANOD			214	34		
OFFICE	215	215	3'-0" x 7'-0" x 1 3/4"	1	WD	ST	SF3	ALUM	ANOD			215	34		
OFFICE	216	216	3'-0" x 7'-0" x 1 3/4"	1	WD	ST	SF3	ALUM	ANOD			216	34		
CONFERENCE ROOM	217	217	3'-0" x 7'-0" x 1 3/4"	1	WD	ST	SF4	ALUM	ANOD			217	34		
CONFERENCE ROOM	217	217A	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			217A	34		
STORAGE	218	218	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			218	33		CR
STAIR 1	S201	S201	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S201	32		**BASE BID**
STAIR 2	S202	S202	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S202	32		**BASE BID**

* NOTE: SEE SHEET A7.3 FOR THRESHOLD AND DOOR DETAILS

SECTION 080500 - DOOR SCHEDULE

ROOM NAME	ROOM No.	MARK	SIZE WxHxT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	THRESH	LBL	MARK	HDWR No.	DETAIL	NOTES / REMARKS

DOOR SCHEDULE LEGEND

AL - ALUMINUM
AP - AUTOMATIC PALM OPERATOR
ANOD - ANODIZED
B - DOOR RELEASE BUTTON
BP - BI-PARTING
CL - CLOSER
CO - CASE OPENING
CR - CARD READER
FF- FACTORY FINISH
FG - FIBERGLASS
GL- GLASS
HM - HOLLOW METAL
MFR - MANUFACTURER
MH - MAGNETIC HOLD OPEN
MTL - METAL
MT - METAL THRESHOLD
PBL - PUSH BUTTOM LOCK
PL - PLASTIC LAMINATE
PR - PAIR
PT - PAINT
ST - STAIN
WD-WOOD

20 MIN - 20 MINUTES RATED DOOR AND FRAME ASSEMBLY
60 MIN - 60 MINUTES RATED DOOR AND FRAME ASSEMBLY (ONE HOUR)
90 MIN - 90 MINUTES RATED DOOR AND FRAME ASSEMBLY (TWO HOURS)

DOOR GENERAL NOTES

A. SEE HVAC PLANS FOR UNDERCUT DOORS & LOUVERS. MAXIMUM UNDERCUT TO BE 1-3/4".
B. ALL DOORS ARE TO BE 1-3/4" THICK UNLESS NOTED OTHERWISE.
C. ALL DOOR THRESHOLDS SHALL MEET ADA HEIGHT REQUIREMENT - 1/2" MAXIMUM.
D. ALL DOORS TO BE LEVER HANDLE TYPE.
E. SEE SECTION 087100 FOR DOOR HARDWARE SETS.
F. ALL DOORS TO BE KEYED TO OWNER'S MASTER KEY SYSTEM
G. DOOR FRAME THROAT DIMENSION SHALL BE COORDINATED WITH OVERALL GWB AND MTL STUD THICKNESS

NOTES/REMARKS

1 KICK PLATE
2 HARDWARE PER FRAME/DOOR MANUFACTURER
3 REFER TO STOREFRONT ELEVATIONS
4 GASKET AT PERIMETER DOOR EDGES AND BOTTOM SWEEP

SECTION 080500 - DOOR SCHEDULE NOTES:

1.) SEE SHEETS A7.1, A7.2 , A7.3 FOR FRAME ELEVATIONS AND DETAILS.

2.) SEE MECHANICAL DRAWINGS FOR LOCATION OF DOOR GRILLS AND UNDERCUT DOORS. MAXIMUM UNDERCUT TO BE 3/4".

3.) ALL DOORS ARE TO BE 1-3/4" THICK UNLESS OTHERWISE NOTED.

4.) ALL HARDWARE SHALL HAVE LEVER TYPE HANDLES.

5.) ALL DOORS IN THE MEANS OF EGRESS SHALL BE OPERABLE FROM THE INSIDE WITHOUT SPECIAL KEY EFFORT OR KNOWLEDGE.

6.) SEE SECTION 104400 - SIGNAGE, FOR SIGN TYPES.

7.) ALL RATED DOOR ASSEMBLY HARDWARE BUTTS TO BE BALL-BEARING.

PRE-BID
RFI Log

Project Name: Florida Sheriffs Association Youth Learning Center and Blackburn-Hunt Building
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Ajax Building Company
Addendum No. 1
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(see also "Files/4-PRE-BID RFI's" in Building Connected)

Status	RFI #	Subject	Date Initiated	Questions	Official Responses	Attachment
Closed	PRE-BID-1	Spec Section Clarifications (Obsolete)	6/18/25	Per our conversation please confirm the following spec sections are Obsolete: 092400 Cement Plastering 102239 Folding Panel Partitions 220716.12 Plumbing Equipment Insulation 230516 Expansion Fittings and Loops for HVAC Piping 230713.13 Insulation For Commercial Kitchen Exhaust Ducts 230719.16 Insulation for Refrigerant Piping 232113.11 Condensate Drain Piping 260543 Underground Ducts and Raceways for Electrical Systems 260544 Sleeves and Sleeve Seals for Electrical Raceways and Cabling *See attached. This spec section is called out in a few other 100% doc specs. 260800 Commissioning of Electrical Systems	Yes. These sections of the specs are obsolete.	N/A
Closed	PRE-BID-2	Soils Stabilization	6/19/25	The Soils report dated March 21, 2025 requires the need for soils stabilization. The recommendation to us rammed aggregate piers would be the most effective solution. Please provide a specification to address this requirement.	It will be in the structural specifications to be issued tomorrow., CRA to confirm Civil Engineer (Kever/McKee) is to perform., Geotech engineer said it will be responsibility of site contractor's engineer.	N/A
Closed	PRE-BID-3	Drawing/Document Clarifications (CM)	6/27/25	Please see attached for requested clarifications to the drawings/documents.	Combined Responses and Page Flip mtg 7/10/25 notes from Ajax with pending updates highlighted from CRA & Consultants (specs/document/drawing updates), and any other CRA updates as provided., Please see attached.	Refer to RFI Log; Attachment #1
Closed	PRE-BID-4	Theater Seating - Responsibility Clarification	6/30/25	T-6 shows the theater seating and seating dimensions. Please clarify if the intention is for CM to provide/install (assumption), and if so, please provide a spec section to indicate manufacturer basis of design, etc.	Refer to RFI #015 OFOI's and OFCI's for further clarification. This item is closed., Based on OAC Mtg 7/23/25 RFI to remain open until final coordination determinations if Owner provided CM Installed OR CM provided and CM installed., This item is owner purchase and CM to install., Seatings in the theater most likely will be owner purchased/contractor installed item.	N/A
Closed	PRE-BID-5	074213 Metal Soffit Panel Selection	7/2/25	Please provide clarifications on the following: Manufacturer Sole Source? If not, please indicate allowable alternates. Panel Type Specification indicated "Standard ALPOLIC composite metal panels." Please confirm ALPOLIC Brake Metal is the intended Product? If other, please indicate Product Model/Type. If custom fabrication, please provide detail with dimensions, joint connections, etc. Color Spec section 2.07 Finishes reads 1. Color: [Specify color].	1-Alucobond Plus as other accepted product. 2. b. ALPOLIC type PE 3. a. Not custom., 1- No, any equivalent aluminum panel cladding from different manufacturer. 2- No, break Metal cannot be used as panels. 3- Panels finish will be wood pattern. Shade to be determined after receiving the samples.	N/A
Closed	PRE-BID-6	Soil Enhancement & RAP's	7/2/25	Signed/Sealed Docs do not indicate/include information associated with the rammed aggregate piers (RAP's), per GeoTech Report dated 3/21/25. Please also provide specifications and appropriate documentation for permitting.	Was included in revised 100% CDs	N/A
Closed	PRE-BID-7	Theater Scope of Work Clarification/Updates	7/18/25	In preparation of providing updated documents on Wednesday of next week, please see below. 1. Confirm that the design documents include all of the required coordination of the Theater area which includes the acoustical, sound, lighting and mechanical requirements. 2. Will the Theater consultant be available during the installation of these systems to confirm proper installation? 3. Due to the nature of the design/build and specific specifications independent of consultants (and the release of bid packages) we are of the understanding that the following items such as lighting and lighting controls, projector, acoustical panels, seating, speakers, etc. are all items that would be better served under a similar direct owner/vendor relationship as the Museum area, and would therefore need to be excluded from other trade package scope of works. Please confirm. Theater Contact: Cinema Design Group (CDGi) Carey Schafer (Owner) #(561) 714-1388	Other scope revisions/clarifications in forthcoming Addendum., 1- Yes 2- Yes. Some of the equipment will be installed by consultant. 3- This is correct statement. Consultant fee proposal will be submitted on Wednesday.	N/A
Closed	PRE-BID-8	Roof Drains (Downspouts) Tie-In Clarifications	7/21/25	Please indicate if intent is for the roof downspouts to tie-in to the storm drainage systems. If so, please revise to include locations (C-104)	Yes, downspouts will be connected to storm water system and will be issued with permit and bid set documents tomorrow.	N/A
Closed	PRE-BID-9	100% CD's Bid Set Spec Clarifications	7/29/25	Confirming the below spec is NOT obsolete (current set did not include a revision; however, this spec section is still listed in the Table of Contents): 084113.01 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS (INTERIOR) Confirming the below specs ARE OBSOLETE (no updated revisions and no longer on the Table of Contents): 096723 - RESINOUSE FLOORING 101440 - SIGNAGE SCHEDULE (*this now appears to be 104401) 232113 - HYDRONIC PIPING 237433 - DEDICATED OUTDOOR-AIR UNITS Confirming Table of Contents Correction: 237433 - PACKAGED, HIGH-PERCENTAGE OUTSIDE AIR UNITS should read as 237433.11 - PACKAGED, HIGH-PERCENTAGE OUTSIDE AIR UNITS	See attached CRA (and HZ's) responses (in Summary below): 084113.01 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS (INTERIOR) NOT Obsolete (revision provided) 096723 - RESINOUSE FLOORING Obsolete 101440 - SIGNAGE SCHEDULE (*this now appears to be 104401) 101440 Obsolete; updated *104401 confirmed 232113 - HYDRONIC PIPING Obsolete 237433 - DEDICATED OUTDOOR-AIR UNITS Obsolete, updated *237433.11 confirmed. 237433 - PACKAGED, HIGH-PERCENTAGE OUTSIDE AIR UNITS should read as 237433.11 - PACKAGED, HIGH-PERCENTAGE OUTSIDE AIR UNITS TOC updated with 237433.11	N/A

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Closed	PRE-BID-10	Site Bench	7/30/25	Please clarify if the Site Bench found on C-103 is provided by Others (owner) as previously noted. If not please provide details/specs.	Will be provided by the owner.	N/A
Closed	PRE-BID-11	Grout Locations (& Bituminous Coating) @ HM Frames Clarification	8/1/25	Please indicate locations where Hollow Metal Frames are to be grout filled (& therefore also require the Bituminous Coating).	Shown in sheet A7.3, issued as response to RFI #12 & #13, At CMU and Concrete walls.	N/A
Closed	PRE-BID-12	HM Frame Installation Detail	8/1/25	Per conversation with CRA and Ajax please provide an updated details that demonstrate the HM Frame installation detail (Ex. Detail 6 on drawing A7.3).	Please see attached revised sheet A7.3 Provided Dimpler for concrete walls and HM frame attachment., Response to RFI #12 & 13	Refer to RFI Log; Attachment #2
Closed	PRE-BID-13	A7.3 Water Intrusion Clarifications	8/4/25	Upon reviewing the details on A7.3 several instances involving sills, etc risk water intrusion. Please see attached for examples. Please provide clarification and/or updated details where applicable.	Please see attached sheet A7.3 for clouded details.	Refer to RFI Log; see also Attachment #2
Open	PRE-BID-14	MEP Delegated Design Requirements	8/4/25	Please provide sufficient design information to negate the need for delegated design in MEP's (with the exception of Fire Alarm and Fire Suppression). Examples: SECTION 220529- HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT: Part 2 - PRODUCTS A. Delegated Design: Engage a qualified professional engineer, as defined in Division 01 "Quality Requirements," to design trapeze pipe hangers and equipment supports. SECTION 230548.13 - VIBRATION CONTROLS FOR HVAC1.03 ACTION SUBMITTALS C. Delegated-Design Submittal: For each vibration isolation device. SECTION 232300 - REFRIGERANT PIPING 1.03 ACTION SUBMITTALSA. Delegated-Design Submittal: For refrigerant piping size and layout, including oil traps, double risers, specialties, and pipe and tube sizes to accommodate, as a minimum, equipment provided, elevation difference between compressor and evaporator, and length of piping to ensure proper operation and compliance with warranties of connected equipment. SECTION 233113.11 - METAL DUCTS FOR GENERAL HVAC 1.03 ACTION SUBMITTALS B. Delegated-Design Submittal:1. Sheet metal thicknesses.2. Joint and seam construction and sealing.3. Reinforcement details and spacing.4. Materials, fabrication, assembly, and spacing of hangers and supports. SECTION 237433.11 – PACKAGED, HIGH-PERCENTAGE OUTDOOR-AIR UNITS 1.03 ACTION SUBMITTALS C. Delegated Design Submittal: For high-percentage outdoor-air-unit supports indicated to comply with performance and design criteria, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation. PART 2 - PRODUCTS2.01 PERFORMANCE REQUIREMENTS H. Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design vibration isolation and wind restraints. Other Spec Section examples where Delegated Design is noted as required: SECTION 238129- VARIABLE-REFRIGERANT-FLOW HVAC SYSTEMS SECTION 250100- GENERAL PROVISIONS FOR INSTRUMENTATION AND CONTROL	**Per OAC 9/3/25 H2 to provided updates notes to further clarify delegated design responsibilities.,** This was responded on August 11th. , Please see attached. Thank you.	Refer to RFI Log; Attachment #3
Closed	PRE-BID-15	OFOI's & OFCI's	8/6/25	Please confirm what items are OFOI (Owner Furnished Owner Installed) and OFCI (Owner Furnished Contractor Installed). Per our review of the updated drawings/documents the Museum and Theater are not showing as OFOI as an example. Also during our Theater Coordination meeting the Theater Lighting was to be an OFCI item. H2 noted forthcoming in next revision.	Please see attached.	Refer to RFI Log; Attachment #4
Closed	PRE-BID-16	Attic Stock Clarifications (095126 & 095426)	8/11/25	Please provide the % of attic stock required of each applicable trade below. In instances where % is needed a TBD/Blank Space is listed. 095126 - Acoustical Wood Ceilings PART 2 - PRODUCTS B. Deliver materials for Owner's use in maintenance. 1. Provide TBD percent of each type actually installed for use by owner in building maintenance. 095426 - Suspended Wood Ceilings & Walls 1.11 EXTRA MATERIALS A. See Section 01 60 00 - Product Requirements. B. Deliver materials for Owner's use in maintenance. 1. Provide ___ percent of each type actually installed for use by owner in building maintenance and repair.	2% - 3% for 095126 & 095426	N/A
Closed	PRE-BID-17	Spray Insulation Specification and Location	8/12/25	There appears to be no specification for either sprayed sound insulation or sprayed thermal insulation. The plans need to be clear on where each one of the three types of insulation is to be used. Example would be the theater steel has sprayed insulation but does not indicate if it requires fire retardant insulation.	Please see attached., Specs for the sprayed sound and thermal insulation are the same and shown in section 098316. Spray 3" sound insulation on the interior second floor metal deck and 4" on the interior face of the precast cladding and the metal deck directly above the exterior soffit.	Refer to RFI Log; Attachment #5
Closed	PRE-BID-18	LVT1 & LVT2 Clarifications	8/18/25	RE: YLC 1st Floor Multi-Purpose Dining & Entertainment Room (Sheet A10.3) Please provide clarification on which hatching is LVT1 vs LVT2 to determine proper flooring area allocation. The assumption is the box hatching is ECPT/LVT using process of elimination. Please provide a key/legend.	Please see attached., The linear pattern on the finish plans is LVT 1 and the 18" x 18" pattern is LVT 2. Do you want us to issue this as an addendum?	Refer to RFI Log; Attachment #6
Closed	PRE-BID-19	Blackburn SOG Elevation	8/20/25	What is the elevation of the slab on grade of the Blackburn-Hunt Building	91.00 F.F.E.	N/A
Closed	PRE-BID-20	Silt Fence/Construction Entrance/Inlet Protection Clarifications	8/20/25	Please provide detail to show what type of silt fence, construction entrance or inlet protection.	See attached official response for records.	Refer to RFI Log; Attachment #7
Closed	PRE-BID-21	Missile Impact and Hurricane Rated Clarifications	8/20/25	Please confirm any hurricane rated/or missile impact rated materials for the following spec sections (& others as applicable): 084113 Aluminum Entrances and Storefronts 084413 Glazed Aluminum Curtain Walls 088000 Glass and Glazing Per Florida codes and based on building use as an Emergency Shelter, storm shelters shall be constructed in accordance to required code and compliant hurricane systems. Please clarify if the intent is the use of the BBH to provide these systems as it pertains to housing FSA's emergency communication's system that maintains contact with all 67 sheriffs. Per manufacturer all of the products and model numbers specified in the above specifications are for Non-Hurricane Rated systems and are not compliant with hurricane and missile impact criteria. Please provide revisions to the above spec sections and any other required spec sections if this is applicable as it applies to the BBH (and/or YLC).	no hurricane or missile rated materials are required for this project.	N/A

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Open	PRE-BID-22	Sitework Clarifications	8/21/25	#1. SWMF Walls C-105 shows (2) SWMF walls. YLC SWMF Please update detail to provide dimensions. BBH SWMF Please provide a detail to include dimensions of the SWMF. #2. Dumpster Pad - Assumption Concrete C103 shows dumpster pad as asphalt. A1.3 and others show the dumpster pad as concrete. Please confirm intent is concrete. #3. Mounded Sand Filter C105.1 Grading Plan and SWMF Detail indicates a mounded sand filter be installed in the SWMF. Please update detail/specifications to include specifications (size, etc.) #4. Roof Drains Please provide a detail to include size of pipe coming off the 6" HDPE locations to be stubbed up for the down spouts to tie into.	PENDING RESPONSE to Item #1_ SWMF DETAIL Please see attached. , Sheet # C-103 duplicated (Site Layout Plan & Grading Plan). CRA to provide clarifications., Please see attached.	Refer to RFI Log; Attachment #8 (Items #2-4)
Closed	PRE-BID-23	080500-Door Schedule	8/22/25	The current door schedule only appears to be thru Room 208 for the BBH. Per frame elevations call outs on A7.2 the referenced Room #'s do not match the Door Schedule. Please provide the following updates to either A7.2 and/or the Door Schedule (& others as needed): SF2 Frames at Offices 206, 214, 215, 216 SF3 Frames at Offices 206, 214, 215, 216 SF4 Frame at Conference 217 Ex. Conflict: Door schedule provides (1) SF2 frame at door 101 and (1) SF3 frame at door 206. *Please also update A7.2 with an SF1 detail. Note: See also RFI #003 (Architectural, Item #9 Response) 9. Door Schedule a. Door Schedule – please confirm Key/Legend for Type/Material/Finish, etc. CRA Response for reference: Sorry, two pages of the door schedule didn't get in the 100% CDs. Will issue them as addendum. (CRA) It appears we still need the remaining (2) pages in reference to the BBH on 080500.	Please see attached. SF 1 is on sheet A7.1. We changed the title only. Also, we adjusted the note for SF2 on sheet A7.2., SF2, SF3 and SF4 are shown on sheet A7.2 Please see attached., Please see attached.	Refer to RFI Log; Attachment #9
Closed	PRE-BID-24	Ceramic Tile Clarification	8/27/25	Janitor Closet Elevations: Janitor Closets each call for a mixture of painting and tile on the walls, but there are no elevation drawings that call out the height of the tile. Please advise as how the JCs Tile Walls will be installed. Confirmation on LVTs to be installed: The following rooms only have the description of LVT, not a number. Please advise which LVT is to be installed for the following rooms: Storage 220, Elev E001, and all of Blackburn-Hunt Second Floor. Showers? Are the showers going to receive wall tile all the way up as well as floor tile in each stall? Please advise on the shower tile wall and potential shower floor? Bathroom Tile: Just wanted to confirm that each bathroom is to receive wall tile to the full height of the wall and each wall? Please advise if that is the current scope. Tile Spec: Wanted to see if there were any more available information on the tile to be installed on this job? Please advise.	Please see attached.	Refer to RFI Log; Attachment #10
Open	PRE-BID-25	VRF (IU) Clarifications	8/27/25	Typical of all VRF system indoor units (tagged "IU"): 1. Please provide duct sizes for return air plenums. a. Refer to attached Drawing M1.1 as a typical example. 2. Return Air Plenums are shown as single wall duct. Please confirm if the return plenums need to be lined for sound attenuation? 3. Supply Air Transitions to round are single wall unlined duct from the IU's to the double wall round supply duct (exposed areas). Please confirm if this duct requires insulation or duct liner?	**Will update general return plenum/housing detail F/M5.1 to include typical dimensions in a forthcoming ASI. - R. Richards, 9/2/2025**	**PENDING DRAWING REVISION**

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Closed	PRE-BID-26	Electrical Clarifications & Electrical OPCI Items (Data & Installation Instructions)	8/27/25	Please provide the following clarifications: 1. Theater Lighting in Addendum #1 is shown as Owner Furnished Contractor Installed. Please provide datasheets and installation instructions for all lighting fixtures and equipment that are contractor installed. 2. Track Lighting is shown on E1.1 and listed in the symbol legend as "By Others". Is this lighting furnished and installed by others? If it is contractor installed, provide datasheets and installation instructions. 3. EV Car Chargers are indicated on E1.0 with free standing support frame. MDP-YLC Panel Schedule (E4.1) lists these as "Future EV Chargers." If we are providing the racks for this equipment at this time we need the datasheets and installation instructions to construct the racks. Also, is the wiring to be provided for these now or only the conduit? 4. Three (3) pole mounted fixtures are designated "V4" on E1.0, but are not listed on the fixture schedule (only V1 and V2 are listed on the schedule).	Item #1 - Theater Lighting See attached (official response) from CRA providing Theater lighting data for the following: -Step Lights -Ceiling Lights -Wall Sconces *Note: Video for Seats was not included in the email attachments (as noted). This will be provided (upon receipt) in PRE-BID RFI #29. Item #2 - Track Lighting Per H2/CRA Track Lighting to be addressed in separate RFI (PRE-BID RFI #31). Item #3 - EV Car Chargers Response on 8/28/25 from H2 indicated an attachment that was uploaded incorrectly. See attached updated response from H2 that includes the EV Charger Data. **Item #4 - Three pole mounted fixtures** **Response from H2 on 9/3/25; revisions in forthcoming Addendum.** Please see response below., Good morning, please see attached (*Ajax Note: This attachment was in error and in fact no attachment was provided.) Thank you	Refer to RFI Log; Attachment #11
Closed	PRE-BID-27	Demolition Plan Rev Request C-102	8/28/25	Please update C-102 to show building/areas that have already been demo'd.	Revision Dates have been corrected., See attached revised C-102; pending official Revision Date/Reference from Urban Catalyst Consultants, Inc.	Refer to RFI Log; Attachment #12
Closed	PRE-BID-28	Structural - by Others Clarifications	8/28/25	Typically by Others is defined as not a part of the Contractor Scope of Work. Light Gauge Framing, Precast Concrete, etc. is noted as By Others throughout the drawings. Please either remove By Others or provide clarifications. Please also update the Glass Canopy at the YLC entrance specification to include Structural.	Please see attached.	Refer to RFI Log; Attachment #13
Closed	PRE-BID-29	OPCI Items (Other)	8/28/25	Please provide Product Data & Installation Instructions for all OPCI items (other than electrical) as needed for pricing installation (refer to RFI #026 for Electrical Items): Museum Owner Furnished Items Exhibit Platforms To include any requirements for blocking/supports, etc. Theater Owner Furnished Items Vinyl (Acoustical Wall Panels) Seats Clips (Ceiling/Wall) YLC Partition Supports Rods by Others (G-S3.2) Provide sizing info for partition support connection. & Other(s)	Please see link below for theater seating installation https://vimeo.com/340769321?fl=pl&fe=vl * No contractor installed items required. These are all inclusive and provided by museum consultant. * The vinyl comes in the rolls and are 30' long and 54" wide and are peal and stick. They can be installed horizontally or vertically. Weight is 1lb/SF *No other needs by the contractor other than what is shown., See attached (from CRA) data for Theater Walls and Ceiling Isomax Clips. Note: Vinyl for wall and ceiling weighs about 1lb per sf.	See Link
Closed	PRE-BID-30	Aluminum Sunshades-Alternate	8/28/25	The specified manufacturer is stating that the sunshades are of a custom design nature and are unable to bid. Please provide a list of alternate manufacturers. Manufacturer Contact: Mark Williamson Tennessee Valley Metals, Inc. 205-274-9500 Ext. 106	As well as AGS is acceptable, Additional manufacturer for the aluminum sunshades: H & H Metals Sharchs	N/A
Open	PRE-BID-31	Track Lighting (OPCI) & Electrical Revisions	9/3/25	Per PRE-BID RFI #26 this RFI is now a stand-alone RFI. Track lighting is provided by the Theater Museum Consultant; however, contractor installed. Please provide data/installation instructions.	Per E1.1 YLC and E1.3 BBH, Track Lighting is coordination required and provided by Museum Consultant. Please advise and provide data/installation instructions as required., Track lightings are only in the learning center and are contractor supplied and installed. Theater doesn't have track lighting.	TBD
Open	PRE-BID-32	Emergency Lighting Fixtures	9/5/25	Per our conversation please provide revised drawings based on the below revisions. RFI #32 – Emergency Lighting Fixtures Since the emergency lighting fixtures have an integral battery driver then in lieu of using a double pole, double throw emergency lighting relay for the ON/OFF operation of the emergency fixtures during a fire alarm event instead use a low voltage device that accepts a fire alarm signal and can override the lighting fixtures to full brightness.	**PENDING RESPONSE**	TBD
Open	PRE-BID-33	VRF Condensing Unit Capacities	9/5/25	Based on our conversation please provide updated drawings based on the below: RFI #33 – VRF Condensing Unit Capacities The condensing units appear to be based on block capacities and not the respective total connected capacities. Size the condensing units for a combination ratio of 100-130%.	**PENDING RESPONSE**	TBD
Open	PRE-BID-34	Security Hardware	9/5/25	Per bidding Subcontractor Panic Devices for the Blackburn Building Aluminum Storefront Doors Hardware Set 23 for Marks 100, 100A, & 100B has a BIPS and SN200 code. These indicate that the exit is an access control item. Our Hardware Supply Company informed us that these must be supplied by the access control company, as they cannot purchase panic devices with these functions. The Doors will be prepped for the hardware; however, the template will need to be supplied by access controls. Please confirm if the owner is supplying the Security Hardware (Door Hardware Schedule would suggest by OT (others)).	**PENDING RESPONSE**	TBD

Addendum No. 1

RFI LOG Attachments

(for those RFI's with additional information/attachments included in responses)

Attachment #1

PRE-BID RFI #003

Drawing/Document Clarifications (CM)

*See also "Files/PRE-BID RFI's in Building Connected for Official Documentation.

Ajax Building Company, LLC
1080 Commerce Blvd
Midway, Florida 32343
P: +18502249571

Project: 50000336 FSA Youth Learning Center & Blackburn-Hunt Building
2617 Mahan Drive
TALLAHASSEE, Florida 32308
P: 850-877-2165
F: 850-878-8665

RFI #PRE-BID-3: Drawing/Document Clarifications (CM)

Revision	0	**Status**	Closed on 07/24/25
To	Shay Divsalar (Clemons, Rutherford & Associates)	**From**	Suzanna Thomas (Ajax Building Company (HQ-Midway)) 1080 Commerce Blvd. Midway, Florida 32343
Date Initiated	Jun 27, 2025	**Due Date**	Jul 2, 2025
Location		**Project Stage**	Pre-Construction
Cost Impact		**Schedule Impact**	
Spec Section		**Cost Code**	
Drawing Number		**Reference**	
Linked Drawings			
Received From	Mike Imbler (Ajax Building Company (HQ-Midway))		
Copies To	Mike Imbler (Ajax Building Company (HQ-Midway)), Suzanna Thomas (Ajax Building Company (HQ-Midway))		

Activity

Question

Question from Suzanna Thomas Ajax Building Company (HQ-Midway) *on Thursday, Jun 26, 2025 at 12:18 PM EDT*

Please see attached for requested clarifications to the drawings/documents.

Attachments
RFI#003_PRE-BID RFI_FSA DocDrawing Clarifications from CM.pdf

Official Response

Response from Shay Divsalar Clemons, Rutherford & Associates *on Wednesday, Jul 2, 2025 at 03:51 PM EDT*

Please see attached.

Attachments
RFI#003_PRE-BID RFI_FSA DocDrawing Clarifications from CM.pdf, FSA- Structural Response..pdf, FSA- Civil Response.pdf, FSA Door Schedule.pdf, FSA Architectural Response.pdf

PRE-BID RFI #003

Combined Responses

Combined Responses and Page Flip mtg 7/10/25 notes from Ajax with pending updates highlighted from CRA & Consultants (specs/document/drawing updates), and any other CRA updates as provided.

Ajax Notes
CRA Responses
Consultant Responses
Highlighted Items – ACTION ITEMS

Document Clarifications
Project No. 50000336
Florida Sheriffs Association
6/24/2025

Updated with combined RFI Responses & 7/10/25 Page Flip Mtg Notes.

DRAWING CLARIFICATIONS

Demolition

1. Demolition Documents (Permitting, etc.)
    a. Hazardous materials survey.

Civil

***Pending permitting revisions (based on comments). To provide Specification for Soil Stabilization.**

1. C-101 Building Locations
    a. We need additional dimensional information and/or coordinates on sheet C101 for location of each of the buildings, holding pond, and other site logistics.
        i. Response: UC2 will provide coordinates for buildings, retaining walls and at appropriate pavement locations. UC2 will also provide the site contractor will the Civil Design CADD files which should be used to layout the project for construction.
2. C-101 vs. C-106 Islands
    a. On C-101 Landscape Island Summary
        i. #14 identified 1 LS Island per 4,000 sf VUA areas
        ii. Response: UC2 will coordinate the site data table with the plan.
    b. C-101 and C-106 show #9 locations on drawings/plan.
        i. Response: During site plan review UC2 had to adjust the site plan which impacted the landscape islands. UC2 is working on the Environmental Management Permit (EMP) which once approved will be the civil/sitework construction set. The EMP will be submitted on 7/9/25 and there may be additional items added pending the review.
    c. Please confirm the # and if these areas are to be sodded areas (w/revised site plan and/or legend).
        i. Response: The landscape islands will need to be sodded, and trees will need to be planted per the landscape plan.

Structural

1. S1.1 Foundation Plan YLC
    a. Does not indicate foundation to support the awning on the covered patio. Need to confirm that foundation support is not required.
        i. A foundation for this portion will be included in an addendum. (Kever | McKee)
2. Display Wall Bracing Posts
    a. We need dimensional information; architectural drawings do not indicate locations.
        i. A layout plan can be developed or the BIM model provided for the steel sub to produce their shop drawings. (Kever | McKee)
        ii. Per Page Flip slab depression shown w/imbed plate (to be welded) or base plate with post install. Intent is to coordinate at the time of shop drawings. Kever | McKee to provide BIM model for dimensional. (Ajax)
3. A1.3 Dumpster Area-Structural
    a. The is no structural information for the dumpster area as indicated.
        i. Originally, we assumed that civil would cover this portion, but the necessary details will be provided in an addendum. (Kever | McKee)
4. S2.4 BH -Roof Framing Plan
    a. Does not indicate any cross beam supports for the hvac roof top unit. This may be required based on the weight of the unit.
        i. Framing will be provided in an addendum. (Kever | McKee)

5. Detail B/S3.1
    a. Please indicate who is responsible for confirming HSS at elevation 120'-2" will support the moment load of the Precast Eyebrow.
        i. As discussed at the kick off meeting, the structural steel framing supporting the precast will be updated once the precast manufacturer has developed their shop drawings. (Kever | McKee)
        ii. Per Page Flip meting intent is to coordinate with selected Subcontractor. (Ajax)
    b. At elevation 107'-6" who is responsible for designing the support bracing for the precast panel or are we to use the information as indicated in detail D/S3.1.
        i. See above.
6. Earth Improvements
    a. A discipline needs to do the earth improvement design work. Please indicate if this is Civil or Structural.
        i. The design of the soil improvements is the responsibility of the subcontractor responsible for their installation. (Kever | McKee)

Architectural (CRA's responses in red)

1. A2.1 - A 1.1|2.1 - East Elevation
    a. Please clarify the intent of Glass Canopy ~~"by others."~~ (per CRA/FSA strike "by others")
        i. Please disregard. Will provide specs for glass and accessories.
    b. Is the intent for CM to provide the foundation/structural support for future build?
        i. No. Structural components are designed and are in the CDs. (CRA)
            1. Per Page Flip meeting held on 7/16/25 CRA to provide foundation detail. (Ajax)
2. Exterior Metal Studs (Guage)
    a. Please indicate gauge for exterior metal studs.
        i. As indicated in the structural documents, exterior metal studs to be minimum of 16 GA. (CRA)
3. Waterproofing @ Patio Locations
    a. Neither the structural nor architectural indicates waterproofing at the patio below grade stairs. Will this be required.
        i. Yes, please see wall section 2/A4.2 (CRA)
            1. CRA to update detail to include waterproofing clarifications based on Page Flip mtg. (Ajax)
4. A2.2 BLACKBURN-HUNT BUILDING EXTERIOR ELEVATIONS
    a. Details require a transition elevation with information for the precast/brick veneer.
        i. Any specific location? (CRA)
            1. Per Page Flip mtg clarification: Precast set prior to Pre-cast, brick infill. (Ajax)
5. Sheet A1.3A BBH 2ND FLOOR PLAN - ADD ALTERNATE
    a. Depicts the trash dumpster area without details for the precast or the gates.
        i. Will provide details and specs.(CRA)
6. Sheet A1.1 vs. A2.1 Detail A
    a. Indicates that the Slab on Grade for the YLC is 87.5'. Sheet A2.1 detail A, indicates that the front sidewalk is sloped as it approaches the main front entry.
        i. Correct. (CRA)
7. Column Finish
    a. Please indicate finish for (2) exposed columns at the back wall of room 110 between rooms 111 and S101 (painted or have SS column covers).
        i. Painted. Columns adjacent to the curtain wall or storefront systems will have SS cover. (CRA)
8. Exposed Columns Finish
    a. Are all exposed columns that are not listed to have SS cover are to be painted?
        i. Yes, except column in Balckburn-Hunt-restroom 102 will be wrapped in Gyp. (CRA)
9. Door Schedule
    a. Door Schedule – please confirm Key/Legend for Type/Material/Finish, etc.
        i. Sorry, two pages of the door schedule didn't get in the 100% CDs. Will issue them as addendum. (CRA)
10. Bench Type/Detail:
    a. A5.1 (YLC) shows benches in the shower area. Please indicate type/details.
        i. Will use Schluter Kerdi system for showers and the bench. Fixed benches with tile on them. (CRA)

1. Per Page Flip mtg. this system comes pre-assembled, ready to be tiled. Please update specs/drawings to indicate tile finish and bench system. (Ajax)

b. C-101 shows (2) benches in the Law Enforcement Memorial area. Please indicate type/details.
   i. Metal benches.
      1. Per page flip these are provided by others (owner provided owner installed). (Ajax)

11. Added Item: *Theater Drawings – Missing Sheet Titles CRA to update. (Ajax)

Instrumentation & Controls

Please verify these sheets are obsolete (no updates provided; and not listed on the updated Drawing Index):

1. ICO.1 GENERAL NOTES, LEGENDS & SCHEDULES
2. IC1.1 YLC - FIRST FLOOR PLAN
3. IC1.2 YLC - SECOND FLOOR PLAN
4. IC1.3 BLACKBURN-HUNT BUILDING
5. IC1.4 ROOF PLANS
6. IC2.1 CONTROLS

The IC drawings have been replaced with the MC drawings. See the latest drawings. (H2)
*Confirmed Obsolete. (Ajax)

SPECIFICATIONS:

1. Division 32 Specifications
   - Please provide Division 32 specifications where applicable (to address the tree types, site seating, etc.).
   - CRA to update.(Ajax)

REFERNCE (COMPLY) NOTES CLARIFICATIONS:

Mechanical

1. Sheet M1.2 Note 1 references sheet M1.7 for duct to roof at YLC.
   a. ⟨1⟩ DUCTWORK TO/FROM ROOF. SEE 1/M1.7.
   b. Sheet M1.7 no longer exists. Please confirm sheet reference.
      i. The sheet reference should be adjusted to sheet M1.8. This will be adjusted in a forthcoming addendum. (H2)

Specifications:

2. 083300 - INSULATED ROLLING SERVICE DOOR
   - 1.05_A. Refers to Section 016600 Product Storage and Handling Requirements
     - This Spec Section 016600 does not exist.
       - CRA to update. (Ajax)
3. 211313 - WET-PIPE SPRINKLER SYSTEMS
   - 3.02_B. Refers to comply with requirements for exterior piping in Section 211100 "Facility Fire-Suppression Water-Service Piping"
     - This Spec Section 211100 does not exist.
       - Specification 211100 will be added as required in a forthcoming addendum. (H2)
   - 3.04_K. Refers to in seismic-rated areas, refer to Section 210548.14 " Seismic Controls for Fire-Suppression Piping and Equipment."
     - This is Spec Section 210548.13 - Vibration and Seismic Controls for Fire-Suppression Piping and Equipment
       - Seismic requirements are needed for our project area and shall be removed in a forthcoming addendum. (H2)
       - Intent is not needed. H2 to update (remove reference in 211313). (Ajax)
   - 3.04_N. Refers to comply with requirements for heating cables in Section 210533 "Heat Tracing for Fire-Suppression Piping"
     - This Spec Section 210533 does not exist.

- Heat tracing is not required for this project. Reference shall be removed in a forthcoming addendum. (H2)

4. 220523.11 – GENERAL DUTY VALVES FOR DOMESTIC WATER PIPING
   - 3.02_F. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
     - This Spec Section 220553 does not exist.
5. 220523.31- GENERAL DUTY VALVES FOR SANITARY WASTE AND STORM DRAINAGE PIPING
   - 3.02_F. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
     - This Spec Section 220553 does not exist.
       - Specification shall be included in a forthcoming addendum. (H2)
6. 221116 - DOMESTIC WATER PIPING
   - 3.03_P. Refers to comply with requirements for thermostats in Section 221123 "Domestic Water Pumps."
     - This Spec Section 221123 does not exist.
       - Reference not required and shall be removed in a forthcoming addendum. (H2)
   - 3.09_A. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
     - This Spec Section 220553 does not exist.
       - *See response for comment #4. (H2)*
7. 221316 - SANITARY WASTE AND VENT PIPING
   - 3.08_B. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
     - This Spec Section 220553 does not exist.
       - *See response for comment #4. (H2)*
8. 221319.13 - SANITARY DRAINS
   - 3.02_C. Refers to comply with requirements in Section 221323 "Sanitary Waste Interceptors"
     - This Spec Section 221323 does not exist.
       - Sanitary waste interceptors shall be added in a forthcoming addendum. (H2)
9. 223300 - ELECTRIC, DOMESTIC-WATER HEATERS
   - 3.03_A. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
     - This Spec Section 220553 does not exist.
       - *See response for comment #4. (H2)*
10. 224200 - COMMERCIAL PLUMBING FIXTURES
    - 2.05, 2.06, & 2.07_B. Accessories Refers to comply with requirements in Section 220523.12 "Ball Valves for Domestic Water Piping."
      - This Spec Section 220523.12 does not exist. Intended to be 220523.11?
        - Specification is intended to reference 220523.11 and shall be adjusted in a forthcoming addendum. (H2).
    - 3.02_D.8 & E.11 Refer to comply with requirements in Section 220719.14 "Insulation for ADA Plumbing Fixtures."
      - This Spec Section 220719.14 does not exist.
        - Specification is intended to reference already included specification 220719.15. Reference shall be adjusted in a forthcoming addendum. (H2)
11. 230100 - GENERAL PROVISIONS FOR HVAC
    - 1.12_A. Sustainable Certification Program references appears to be a template.
      - Please confirm n/a or otherwise.
        - Sustainable design is not required for this project. (H2)
12. 232113.11 - CONDENSATE DRAIN PIPING
    - 3.02_P. & 3.05_A. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
      - This Spec Section 220553 does not exist.
        - *See response for comment #4. (H2)*
13. 233300 – AIR DUCT ACCESSORIES
    - 2.04_e. & 2.06_J. Refers to comply with requirements in Section 250923.12 "Control Damper Accessories.
      - This Spec Section 250923.12 does not exist.
        - No Response Indicated by H2, please update with response. (Ajax)

14. 237433.11 - PACKAGED, HIGH-PERCENTAGE OUTDOOR-AIR UNITS
    - 2.02_K. 3. 230548 (understood to be 230548.13)
        - Assumption is correct. 230548 refers to 230548.13. Reference shall be adjusted in a forthcoming addendum. (H2)
15. 238129 - VARIABLE-REFRIGERANT-FLOW HVAC SYSTEMS
    - 1.07_A. Please confirm amounts for this section.

SECTION 238129 - VARIABLE-REFRIGERANT-FLOW HVAC SYSTEMS (continued):

1.07 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Filters:

a. **[One]** <**Insert number**> set(s) for each unit with replaceable filters.
b. **[One]** <**Insert number**> set(s) for each unit type and unique size of washable filters.

2. Indoor Units: **[One]** <**Insert number**> for each unique size and type installed.
3. Controllers for Indoor Units: **[One]** <**Insert number**> for each unique controller type installed.
4. <**Insert maintenance material requirements**>.

        - Amounts shall be adjusted in a forthcoming addendum. (H2)
    - 2.18_A. Refers to comply with requirements in Section 230719 "HVAC Piping Insulation"
        - Was the intent to refer to 230719.11-Insulation for Condensate Drain Piping?
            - Correct. (H2)
    - 3.02_C. & 3.09_A Refers to Section 230548 "Vibration and Seismic Controls for HVAC."
        - Understood the intent is 230548.13.
            - Correct. (H2)
    - 3.07_B_ Refers to comply with requirements for hydronic specialties specified in Section 232116 "Hydronic Piping Specialties."
        - This Spec Section 232116 does not exist.
            - Hydronic piping and valves are not required. Reference shall be removed in a forthcoming addendum. (H2)
    - 3.07_C Refers to comply with requirements for ball valves specified in Section 230523.12 "Ball Valves for HVAC Piping."
        - This Spec Section 230523.12 does not exist. Intent 232113?
            - Hydronic piping and valves are not required. Reference shall be removed in a forthcoming addendum. (H2)
    - 3.07_D Refers to comply with requirements for butterfly valves specified in Section 230523.13 "Butterfly Valves for HVAC Piping."
        - This Spec Section 230523.13 does not exist.
            - Hydronic piping and valves are not required. Reference shall be removed in a forthcoming addendum. (H2)
    - 3.07_E Refers to comply with requirements for check valves specified in Section 230523.14 "Check Valves for HVAC Piping
        - This Spec Section 230523.14 does not exist.
            - Hydronic piping and valves are not required. Reference shall be removed in a forthcoming addendum. (H2)
    - 3.11_B Section 233113 "Metal Ducts." Understood to be 233113.11.
        - Correct. (H2)
    - 3.11_C Refers to comply with requirements for nonmetal ducts specified in Section 233116 "Nonmetal Ducts."
        - This Spec Section 233116 does not exist.
            - Non-metal ducts are not required. (H2)
    - 3.11_G Refers to comply with requirements for registers and grilles specified in Section 233713.23 "Registers and Grilles."
        - This Spec Section 233713.23 does not exist.
            - Specification is included. See latest specifications. (H2)
16. 250528 -Pathways for Control Systems

- 3.02_E. Refers to Install per Spec Section 250544 throughout the spec. *I believe this is intended to refer to 260544.
  - This Spec Section 250544 does not exist.
    - Specification section 260544 ishall be added in a forthcoming addendum. (H2)

17. 260519 - Low-Voltage Electrical Power Conductors and Cables
    - 3.06_A. Refers to comply with requirement in Section 260544
      - Per 100% docs now obsolete (no longer exists).
        - Specification section 260544 ishall be added in a forthcoming addendum. (H2)
18. 270528 - Pathways for Communications Systems
    - 3.02_E. & 3.03_A. Refers to comply with requirements in Section 270544 Sleeves and Sleeve Seals for Communications Pathways and Cabling.
      - This Spec Section 270544 does not exist.
        - Refer to equivalent division 26 section. (H2)
    - 3.02_D. Refers to 270529 "Hangers and Supports for Communications Systems"
      - This Spec Section 270529 does not exist.
        - Refer to equivalent division 26 section. (H2)
19. 271100 - Communications Equipment Room Fittings
    - 3.03_A. Refers to comply with requirements in Section 270544 Sleeves and Sleeve Seals for Communications Pathways and Cabling
      - *This Spec Section 270544 does not exist.
        - Refer to equivalent division 26 section. (H2)
20. 271323 - COMMUNICATIONS OPTICAL FIBER BACKBONE CABLING
    - 3.06_C. Refers to comply with requirements in Section 271523 "Communications Optical Fiber Horizontal Cabling".
      - This Spec Section 271523 does not exist. This is now possibly 271323 Communications Optical Fiber Backbone Cabling?
        - Section 271523 does not existing. Ignore this requirement. (H2)
21. 271513 - COMMUNICATIONS COPPER HORIZONTAL CABLING
    - 3.02_C. Refers to comply with Section 270529 "Hangers and Supports for Communications Systems."
      - This spec section 270529 does not exist.
        - Refer to equivalent division 26 section. (H2)
22. 280100 - GENERAL PROVISIONS FOR ELECTRONIC SAFETY AND SECURITY
    - 1.12_A. Sustainable Certification Program references appears to be a template.
      - Please confirm n/a or otherwise.
        - Confirmed. (H2)

OFFICIAL RESPONSES

PRE-BID RFI #003

CRA's Response

Document Clarifications

Project No. 50000336
Florida Sheriffs Association
6/24/2025

DRAWING CLARIFICATIONS

Demolition

1. Demolition Documents (Permitting, etc.)
    a. Hazardous materials survey.

Civil

1. C-101 Building Locations
    a. We need additional dimensional information and/or coordinates on sheet C101 for location of each of the buildings, holding pond, and other site logistics.
2. C-101 vs. C-106 Islands
    a. On C-101 Landscape Island Summary
        i. #14 identified 1 LS Island per 4,000 sf VUA areas
    b. C-101 and C-106 show #9 locations on drawings/plan.
    c. Please confirm the # and if these areas are to be sodded areas (w/revised site plan and/or legend).

Structural

1. S1.1 Foundation Plan YLC
    a. Does not indicate foundation to support the awning on the covered patio. Need to confirm that foundation support is not required.
2. Display Wall Bracing Posts
    a. We need dimensional information; architectural drawings do not indicate locations.
3. A1.3 Dumpster Area-Structural
    a. The is no structural information for the dumpster area as indicated.
4. S2.4 BH -Roof Framing Plan
    a. Does not indicate any cross beam supports for the hvac roof top unit. This may be required based on the weight of the unit.
5. Detail B/S3.1
    a. Please indicate who is responsible for confirming HSS at elevation 120'-2" will support the moment load of the Precast Eyebrow.
    b. At elevation 107'-6" who is responsible for designing the support bracing for the precast panel or are we to use the information as indicated in detail D/S3.1.
6. Earth Improvements
    a. A discipline needs to do the earth improvement design work. Please indicate if this is Civil or Structural.

Architectural

1. A2.1 - A 1.1|2.1 - East Elevation
    a. Please clarify the intent of Glass Canopy "by others."
    b. Is the intent for CM to provide the foundation/structural support for future build?
2. Exterior Metal Studs (Guage)
    a. Please indicate gauge for exterior metal studs.
3. Waterproofing @ Patio Locations
    a. Neither the structural nor architectural indicates waterproofing at the patio below grade stairs. Will this be required.
4. A2.2 BLACKBURN-HUNT BUILDING EXTERIOR ELEVATIONS
    a. Details require a transition elevation with information for the precast/brick veneer.
5. Sheet A1.3A BBH 2ND FLOOR PLAN - ADD ALTERNATE
    a. Depicts the trash dumpster area without details for the precast or the gates.

6. Sheet A1.1 vs. A2.1 Detail A
    a. Indicates that the Slab on Grade for the YLC is 87.5'. Sheet A2.1 detail A, indicates that the front sidewalk is sloped as it approaches the main front entry.
7. Column Finish
    a. Please indicate finish for (2) exposed columns at the back wall of room 110 between rooms 111 and S101 (painted or have SS column covers).
8. Exposed Columns Finish
    a. Are all exposed columns that are not listed to have SS cover are to be painted?
9. Door Schedule
    a. Door Schedule – please confirm Key/Legend for Type/Material/Finish, etc.
10. Bench Type/Detail:
    a. A5.1 (YLC) shows benches in the shower area. Please indicate type/details.
    b. C-101 shows (2) benches in the Law Enforcement Memorial area. Please indicate type/details.

Instrumentation & Controls

Please verify these sheets are obsolete (no updates provided; and not listed on the updated Drawing Index):

1. ICO.1 GENERAL NOTES, LEGENDS & SCHEDULES
2. IC1.1 YLC - FIRST FLOOR PLAN
3. IC1.2 YLC - SECOND FLOOR PLAN
4. IC1.3 BLACKBURN-HUNT BUILDING
5. IC1.4 ROOF PLANS
6. IC2.1 CONTROLS

The IC drawings have been replaced with the MC drawings. See the latest drawings.

SPECIFICATIONS:

1. Division 32 Specifications
    - Please provide Division 32 specifications where applicable (to address the tree types, site seating, etc.).

<u>REFERNCE (COMPLY) NOTES CLARIFICATIONS:</u>

Mechanical

1. Sheet M1.2 Note 1 references sheet M1.7 for duct to roof at YLC.
    a. ⟨1⟩ DUCTWORK TO/FROM ROOF. SEE 1/M1.7.
    b. Sheet M1.7 no longer exists. Please confirm sheet reference.

The sheet reference should be adjusted to sheet M1.8. This will be adjusted in a forthcoming addendum.

Specifications:

2. 083300 - INSULATED ROLLING SERVICE DOOR
    - 1.05_A. Refers to Section 016600 Product Storage and Handling Requirements
        - This Spec Section 016600 does not exist.
3. 211313 - WET-PIPE SPRINKLER SYSTEMS
    - 3.02_B. Refers to comply with requirements for exterior piping in Section 211100 "Facility Fire-Suppression Water-Service Piping"
        - This Spec Section 211100 does not exist.

    Specification 211100 will be added as required in a forthcoming addendum.

    - 3.04_K. Refers to in seismic-rated areas, refer to Section 210548.14 " Seismic Controls for Fire-Suppression Piping and Equipment."
        - This is Spec Section 210548.13 - Vibration and Seismic Controls for Fire-Suppression Piping and Equipment

    Seismic requirements are needed for our project area and shall be removed in a forthcoming addendum.

    - 3.04_N. Refers to comply with requirements for heating cables in Section 210533 "Heat Tracing for Fire-Suppression Piping"
    - This Spec Section 210533 does not exist.

    Heat tracing is not required for this project. Reference shall be removed in a forthcoming addendum.

4. 220523.11 – GENERAL DUTY VALVES FOR DOMESTIC WATER PIPING
    - 3.02_F. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
        - This Spec Section 220553 does not exist.

    Specification shall be included in a forthcoming addendum.

5. 220523.31- GENERAL DUTY VALVES FOR SANITARY WASTE AND STORM DRAINAGE

PIPING

- 3.02_F. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
  - This Spec Section 220553 does not exist. See response for comment #4.

6. 221116 - DOMESTIC WATER PIPING
   - 3.03_P. Refers to comply with requirements for thermostats in Section 221123 "Domestic Water Pumps."
     - This Spec Section 221123 does not exist. Reference not required and shall be removed in a forthcoming addendum.
   - 3.09_A. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
     - This Spec Section 220553 does not exist. See response for comment #4.
7. 221316 - SANITARY WASTE AND VENT PIPING
   - 3.08_B. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
     - This Spec Section 220553 does not exist. See response for comment #4.
8. 221319.13 - SANITARY DRAINS
   - 3.02_C. Refers to comply with requirements in Section 221323 "Sanitary Waste Interceptors"
     - This Spec Section 221323 does not exist. Sanitary waste interceptors shall be added in a forthcoming addendum.
9. 223300 - ELECTRIC, DOMESTIC-WATER HEATERS
   - 3.03_A. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
     - This Spec Section 220553 does not exist. See response for comment #4.
10. 224200 - COMMERCIAL PLUMBING FIXTURES
    - 2.05, 2.06, & 2.07_B. Accessories Refers to comply with requirements in Section 220523.12 "Ball Valves for Domestic Water Piping." Specification is intended to reference 220523.11 and shall be adjusted in a forthcoming addendum.
      - This Spec Section 220523.12 does not exist. Intended to be 220523.11?
    - 3.02_D.8 & E.11 Refer to comply with requirements in Section 220719.14 "Insulation for ADA Plumbing Fixtures."
      - This Spec Section 220719.14 does not exist. Specification is intended to reference already included specification 220719.15. Reference shall be adjusted in a forthcoming addendum.
11. 230100 - GENERAL PROVISIONS FOR HVAC
    - 1.12_A. Sustainable Certification Program references appears to be a template.
      - Please confirm n/a or otherwise. Sustainable design is not required for this project.
12. 232113.11 - CONDENSATE DRAIN PIPING
    - 3.02_P. & 3.05_A. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
      - This Spec Section 220553 does not exist See response for comment #4.
13. 233300 – AIR DUCT ACCESSORIES
    - 2.04_e. & 2.06_J. Refers to comply with requirements in Section 250923.12 "Control Damper Accessories.
      - This Spec Section 250923.12 does not exist.
14. 237433.11 - PACKAGED, HIGH-PERCENTAGE OUTDOOR-AIR UNITS
    - 2.02_K. 3. 230548 (understood to be 230548.13) Assumption is correct. 230548 refers to 230548.13. Reference shall be adjusted in a forthcoming addendum.
15. 238129 - VARIABLE-REFRIGERANT-FLOW HVAC SYSTEMS
    - 1.07_A. Please confirm amounts for this section. Amounts shall be adjusted in a forthcoming addendum.

SECTION 238129 - VARIABLE-REFRIGERANT-FLOW HVAC SYSTEMS (continued):

1.07 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Filters:

   a. **[One]** <**Insert number**> set(s) for each unit with replaceable filters.
   b. **[One]** <**Insert number**> set(s) for each unit type and unique size of washable filters.

2. Indoor Units: **[One]** <**Insert number**> for each unique size and type installed.
3. Controllers for Indoor Units: **[One]** <**Insert number**> for each unique controller type installed.
4. <**Insert maintenance material requirements**>.

    - 2.18_A. Refers to comply with requirements in Section 230719 "HVAC Piping Insulation" Correct.
      - Was the intent to refer to 230719.11-Insulation for Condensate Drain Piping?
    - 3.02_C. & 3.09_A Refers to Section 230548 "Vibration and Seismic Controls for HVAC." Correct.
      - Understood the intent is 230548.13.
    - 3.07_B_ Refers to comply with requirements for hydronic specialties specified in Section 232116 "Hydronic Piping Specialties." Hydronic piping and valves are not required. Reference shall be removed in a forthcoming addendum.

        - This Spec Section 232116 does not exist.
    - 3.07_C Refers to comply with requirements for ball valves specified in Section 230523.12 "Ball Valves for HVAC Piping."
        - This Spec Section 230523.12 does not exist. Intent 232113?

Hydronic piping and valves are not required. Reference shall be removed in a forthcoming addendum.

    - 3.07_D Refers to comply with requirements for butterfly valves specified in Section 230523.13 "Butterfly Valves for HVAC Piping."
        - This Spec Section 230523.13 does not exist.

Hydronic piping and valves are not required. Reference shall be removed in a forthcoming addendum.

    - 3.07_E Refers to comply with requirements for check valves specified in Section 230523.14 "Check Valves for HVAC Piping
        - This Spec Section 230523.14 does not exist.

Hydronic piping and valves are not required. Reference shall be removed in a forthcoming addendum.

    - 3.11_B Section 233113 "Metal Ducts." Understood to be 233113.11.

Correct.

    - 3.11_C Refers to comply with requirements for nonmetal ducts specified in Section 233116 "Nonmetal Ducts."
        - This Spec Section 233116 does not exist.

Non-metal ducts are not required.

    - 3.11_G Refers to comply with requirements for registers and grilles specified in Section 233713.23 "Registers and Grilles."
        - This Spec Section 233713.23 does not exist.

Specification is included. See latest specifications.

16. 250528 -Pathways for Control Systems
    - 3.02_E. Refers to Install per Spec Section 250544 throughout the spec. *I believe this is intended to refer to 260544.
        - This Spec Section 250544 does not exist.

Specification section 260544 ishall be added in a forthcoming addendum.

17. 260519 - Low-Voltage Electrical Power Conductors and Cables
    - 3.06_A. Refers to comply with requirement in Section 260544
        - Per 100% docs now obsolete (no longer exists).

Specification section 260544 ishall be added in a forthcoming addendum.

18. 270528 - Pathways for Communications Systems
    - 3.02_E. & 3.03_A. Refers to comply with requirements in Section 270544 Sleeves and Sleeve Seals for Communications Pathways and Cabling.
        - This Spec Section 270544 does not exist.

Refer to equivalent division 26 section.

    - 3.02_D. Refers to 270529 "Hangers and Supports for Communications Systems"
        - This Spec Section 270529 does not exist.

Refer to equivalent division 26 section.

19. 271100 - Communications Equipment Room Fittings
    - 3.03_A. Refers to comply with requirements in Section 270544 Sleeves and Sleeve Seals for Communications Pathways and Cabling
        - *This Spec Section 270544 does not exist.

Refer to equivalent division 26 section.

20. 271323 - COMMUNICATIONS OPTICAL FIBER BACKBONE CABLING
    - 3.06_C. Refers to comply with requirements in Section 271523 "Communications Optical Fiber Horizontal Cabling".
        - This Spec Section 271523 does not exist. This is now possibly 271323 Communications Optical Fiber Backbone Cabling?

Section 271523 does not existing. Ignore this requirement.

21. 271513 - COMMUNICATIONS COPPER HORIZONTAL CABLING
    - 3.02_C. Refers to comply with Section 270529 "Hangers and Supports for Communications Systems."
        - This spec section 270529 does not exist.

Refer to equivalent division 26 section.

22. 280100 - GENERAL PROVISIONS FOR ELECTRONIC SAFETY AND SECURITY
    - 1.12_A. Sustainable Certification Program references appears to be a template.
        - Please confirm n/a or otherwise.

Confirmed.

PRE-BID RFI #003

Architectural Response

Document Clarifications
Project No. 50000336
Florida Sheriffs Association
6/24/2025

DRAWING CLARIFICATIONS

Demolition

1. Demolition Documents (Permitting, etc.)
    a. Hazardous materials survey.

Civil

1. C-101 Building Locations
    a. We need additional dimensional information and/or coordinates on sheet C101 for location of each of the buildings, holding pond, and other site logistics.
2. C-101 vs. C-106 Islands
    a. On C-101 Landscape Island Summary
        i. #14 identified 1 LS Island per 4,000 sf VUA areas
    b. C-101 and C-106 show #9 locations on drawings/plan.
    c. Please confirm the # and if these areas are to be sodded areas (w/revised site plan and/or legend).

Structural

1. S1.1 Foundation Plan YLC
    a. Does not indicate foundation to support the awning on the covered patio. Need to confirm that foundation support is not required.
2. Display Wall Bracing Posts
    a. We need dimensional information; architectural drawings do not indicate locations.
3. A1.3 Dumpster Area-Structural
    a. The is no structural information for the dumpster area as indicated.
4. S2.4 BH -Roof Framing Plan
    a. Does not indicate any cross beam supports for the hvac roof top unit. This may be required based on the weight of the unit.
5. Detail B/S3.1
    a. Please indicate who is responsible for confirming HSS at elevation 120'-2" will support the moment load of the Precast Eyebrow.
    b. At elevation 107'-6" who is responsible for designing the support bracing for the precast panel or are we to use the information as indicated in detail D/S3.1.
6. Earth Improvements
    a. A discipline needs to do the earth improvement design work. Please indicate if this is Civil or Structural.

Architectural

1. A2.1 - A 1.1|2.1 - East Elevation
    a. Please clarify the intent of Glass Canopy "by others." Please disregard. Will provide specs for glass and accessories.
    b. Is the intent for CM to provide the foundation/structural support for future build? No. Structural components are designed and are in the CDs.
2. Exterior Metal Studs (Guage)
    a. Please indicate gauge for exterior metal studs. As indicated in the structural documents, exterior metal studs to be minimum of 16 GA.
3. Waterproofing Patio Locations
    a. Neither the structural nor architectural indicates waterproofing at the patio below grade stairs. Will this be required. Yes, please see wall section 2/A4.2
4. A2.2 BLACKBURN-HUNT BUILDING EXTERIOR ELEVATIONS

a. Details require a transition elevation with information for the precast/brick veneer. Any specific location?

5. Sheet A1.3A BBH 2ND FLOOR PLAN - ADD ALTERNATE
   a. Depicts the trash dumpster area without details for the precast or the gates. Will provide details and specs.
6. Sheet A1.1 vs. A2.1 Detail A
   a. Indicates that the Slab on Grade for the YLC is 87.5'. Sheet A2.1 detail A, indicates that the front sidewalk is sloped as it approaches the main front entry. Correct.
7. Column Finish
   a. Please indicate finish for (2) exposed columns at the back wall of room 110 between rooms 111 and S101 (painted or have SS column covers). Painted. Columns adjacent to the curtain wall or storefront systems will have SS cover.
8. Exposed Columns Finish
   a. Are all exposed columns that are not listed to have SS cover are to be painted? Yes, except column in Balckburn-Hunt-restroom 102 will be wrapped in Gyp.
9. Door Schedule
   a. Door Schedule – please confirm Key/Legend for Type/Material/Finish, etc. Sorry, two pages of the door schedule didn't get in the 100% CDs. Will issue them as addendum.
10. Bench Type/Detail:
    a. A5.1 (YLC) shows benches in the shower area. Please indicate type/details. Will use Schluter Kerdi system for showers and the bench. Fixed benches with tile on them.
    b. C-101 shows (2) benches in the Law Enforcement Memorial area. Please indicate type/details. Metal benches.

Instrumentation & Controls

Please verify these sheets are obsolete (no updates provided; and not listed on the updated Drawing Index):

1. ICO.1 GENERAL NOTES, LEGENDS & SCHEDULES
2. IC1.1 YLC - FIRST FLOOR PLAN
3. IC1.2 YLC - SECOND FLOOR PLAN
4. IC1.3 BLACKBURN-HUNT BUILDING
5. IC1.4 ROOF PLANS
6. IC2.1 CONTROLS

SPECIFICATIONS:

1. Division 32 Specifications
   - Please provide Division 32 specifications where applicable (to address the tree types, site seating, etc.).

REFERENCE (COMPLY) NOTES CLARIFICATIONS:

Mechanical

1. Sheet M1.2 Note 1 references sheet M1.7 for duct to roof at YLC.
   a.

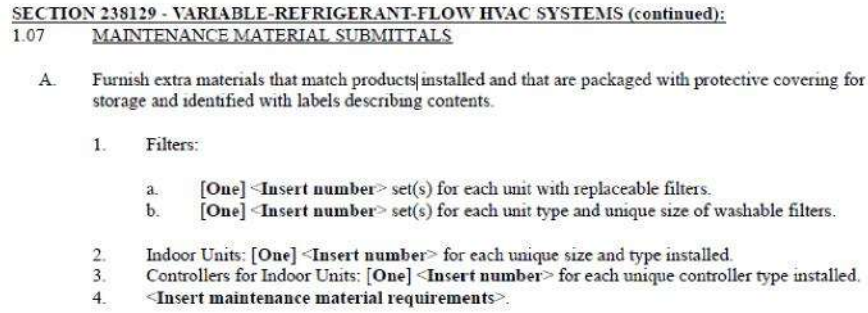
   b. Sheet M1.7 no longer exists. Please confirm sheet reference.

Specifications:

2. 083300 - INSULATED ROLLING SERVICE DOOR
   - 1.05_A. Refers to Section 016600 Product Storage and Handling Requirements
     - This Spec Section 016600 does not exist.
3. 211313 - WET-PIPE SPRINKLER SYSTEMS
   - 3.02_B. Refers to comply with requirements for exterior piping in Section 211100 "Facility Fire-Suppression Water-Service Piping"
     - This Spec Section 211100 does not exist.
   - 3.04_K. Refers to in seismic-rated areas, refer to Section 210548.14 " Seismic Controls for Fire-Suppression Piping and Equipment."
     - This is Spec Section 210548.13 - Vibration and Seismic Controls for Fire-Suppression Piping and Equipment
   - 3.04_N. Refers to comply with requirements for heating cables in Section 210533 "Heat Tracing for Fire-Suppression Piping"

- This Spec Section 210533 does not exist.

4. 220523.11 – GENERAL DUTY VALVES FOR DOMESTIC WATER PIPING
   - 3.02_F. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
     - This Spec Section 220553 does not exist.
5. 220523.31- GENERAL DUTY VALVES FOR SANITARY WASTE AND STORM DRAINAGE PIPING
   - 3.02_F. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
     - This Spec Section 220553 does not exist.
6. 221116 - DOMESTIC WATER PIPING
   - 3.03_P. Refers to comply with requirements for thermostats in Section 221123 "Domestic Water Pumps."
     - This Spec Section 221123 does not exist.
   - 3.09_A. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
     - This Spec Section 220553 does not exist.
7. 221316 - SANITARY WASTE AND VENT PIPING
   - 3.08_B. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
     - This Spec Section 220553 does not exist.
8. 221319.13 - SANITARY DRAINS
   - 3.02_C. Refers to comply with requirements in Section 221323 "Sanitary Waste Interceptors"
     - This Spec Section 221323 does not exist.
9. 223300 - ELECTRIC, DOMESTIC-WATER HEATERS
   - 3.03_A. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
     - This Spec Section 220553 does not exist.
10. 224200 - COMMERCIAL PLUMBING FIXTURES
    - 2.05, 2.06, & 2.07_B. Accessories Refers to comply with requirements in Section 220523.12 "Ball Valves for Domestic Water Piping."
      - This Spec Section 220523.12 does not exist. Intended to be 220523.11?
    - 3.02_D.8 & E.11 Refer to comply with requirements in Section 220719.14 "Insulation for ADA Plumbing Fixtures."
      - This Spec Section 220719.14 does not exist.
11. 230100 - GENERAL PROVISIONS FOR HVAC
    - 1.12_A. Sustainable Certification Program references appears to be a template.
      - Please confirm n/a or otherwise.
12. 232113.11 - CONDENSATE DRAIN PIPING
    - 3.02_P. & 3.05_A. Refers to comply with requirements in Section 220553 "Identification for Plumbing Piping and Equipment"
      - This Spec Section 220553 does not exist
13. 233300 – AIR DUCT ACCESSORIES
    - 2.04_e. & 2.06_J. Refers to comply with requirements in Section 250923.12 "Control Damper Accessories.
      - This Spec Section 250923.12 does not exist.
14. 237433.11 - PACKAGED, HIGH-PERCENTAGE OUTDOOR-AIR UNITS
    - 2.02_K. 3. 230548 (understood to be 230548.13)
15. 238129 - VARIABLE-REFRIGERANT-FLOW HVAC SYSTEMS
    - 1.07_A. Please confirm amounts for this section.



SECTION 238129 - VARIABLE-REFRIGERANT-FLOW HVAC SYSTEMS (continued):

1.07 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Filters:

a. **[One]** <**Insert number**> set(s) for each unit with replaceable filters.
b. **[One]** <**Insert number**> set(s) for each unit type and unique size of washable filters.

2. Indoor Units: **[One]** <**Insert number**> for each unique size and type installed.
3. Controllers for Indoor Units: **[One]** <**Insert number**> for each unique controller type installed.
4. <**Insert maintenance material requirements**>.

   - 2.18_A. Refers to comply with requirements in Section 230719 "HVAC Piping Insulation"
     - Was the intent to refer to 230719.11-Insulation for Condensate Drain Piping?
   - 3.02_C. & 3.09_A Refers to Section 230548 "Vibration and Seismic Controls for HVAC."

        - Understood the intent is 230548.13.
            - 3.07_B_ Refers to comply with requirements for hydronic specialties specified in Section 232116 "Hydronic Piping Specialties."This Spec Section 232116 does not exist.
    - 3.07_C Refers to comply with requirements for ball valves specified in Section 230523.12 "Ball Valves for HVAC Piping."
        - This Spec Section 230523.12 does not exist. Intent 232113?
    - 3.07_D Refers to comply with requirements for butterfly valves specified in Section 230523.13 "Butterfly Valves for HVAC Piping."
        - This Spec Section 230523.13 does not exist.
    - 3.07_E Refers to comply with requirements for check valves specified in Section 230523.14 "Check Valves for HVAC Piping
        - This Spec Section 230523.14 does not exist.
    - 3.11_B Section 233113 "Metal Ducts." Understood to be 233113.11.
    - 3.11_C Refers to comply with requirements for nonmetal ducts specified in Section 233116 "Nonmetal Ducts."
        - This Spec Section 233116 does not exist.
    - 3.11_G Refers to comply with requirements for registers and grilles specified in Section 233713.23 "Registers and Grilles."
        - This Spec Section 233713.23 does not exist.
16. 250528 -Pathways for Control Systems
    - 3.02_E. Refers to Install per Spec Section 250544 throughout the spec. *I believe this is intended to refer to 260544.
        - This Spec Section 250544 does not exist.
17. 260519 - Low-Voltage Electrical Power Conductors and Cables
    - 3.06_A. Refers to comply with requirement in Section 260544
        - Per 100% docs now obsolete (no longer exists).
18. 270528 - Pathways for Communications Systems
    - 3.02_E. & 3.03_A. Refers to comply with requirements in Section 270544 Sleeves and Sleeve Seals for Communications Pathways and Cabling.
        - This Spec Section 270544 does not exist.
    - 3.02_D. Refers to 270529 "Hangers and Supports for Communications Systems"
        - This Spec Section 270529 does not exist.
19. 271100 - Communications Equipment Room Fittings
    - 3.03_A. Refers to comply with requirements in Section 270544 Sleeves and Sleeve Seals for Communications Pathways and Cabling
        - *This Spec Section 270544 does not exist.
20. 271323 - COMMUNICATIONS OPTICAL FIBER BACKBONE CABLING
    - 3.06_C. Refers to comply with requirements in Section 271523 "Communications Optical Fiber Horizontal Cabling".
        - This Spec Section 271523 does not exist. This is now possibly 271323 Communications Optical Fiber Backbone Cabling?
21. 271513 - COMMUNICATIONS COPPER HORIZONTAL CABLING
    - 3.02_C. Refers to comply with Section 270529 "Hangers and Supports for Communications Systems."
        - This spec section 270529 does not exist.
22. 280100 - GENERAL PROVISIONS FOR ELECTRONIC SAFETY AND SECURITY
    - 1.12_A. Sustainable Certification Program references appears to be a template.
        - Please confirm n/a or otherwise.

PRE-BID RFI #003

Civil Response

Civil

1. C-101 Building Locations a. We need additional dimensional information and/or coordinates on sheet C101 for location of each of the buildings, holding pond, and other site logistics.

   Response: UC^2 will provide coordinates for buildings, retaining walls and at appropriate pavement locations. UC^2 will also provide the site contractor will the Civil Design CADD files which should be used to layout the project for construction.

2. C-101 vs. C-106 Islands

a. On C-101 Landscape Island Summary i#14 identified 1 LS Island per 4,000 sf VUA areas

   Response: UC^2 will coordinate the site data table with the plan.

b. C-101 and C-106 show #9 locations on drawings/plan.

   Response: During site plan review UC^2 had to adjust the site plan which impacted the landscape islands. UC^2 is working on the Environmental Management Permit (EMP) which once approved will be the civil/sitework construction set. The EMP will be submitted on 7/9/25 and there may be additional items added pending the review.

c. Please confirm the # and if these areas are to be sodded areas (w/revised site plan and/or legend).

   Response: The landscape islands will need to be sodded, and trees will need to be planted per the landscape plan.

PRE-BID RFI #003

Door Schedule Response

See also PRE-BID RFI #023 FOR AN UPDATED 080500 - DOOR SCHEDULE

SECTION 080500 - DOOR SCHEDULE

ROOM NAME	ROOM No.	MARK	SIZE WxHxT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	THRESH	LBL	MARK	HDWR No.	DETAIL	NOTES / REMARKS
YOUTH LEARNING CENTER															
YOUTH LEARNING CENTER - FIRST FLOOR															
LOBBY	100	100	PR 3'-0" x 8'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100	1		EXT., CR
LOBBY	100	100A	PR 3'-0" x 8'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100A	1		EXT., CR
LOBBY	100	100B	PR 3'-0" x 8'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100B	1		EXT., CR
LOBBY	100	100C	3'-0" x 8/'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100C	2		EXT., CR
OFFICE	101	101	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	SF2	ALUM	ANOD			101	13		CR, 6" WD TRIM
IT	102	102	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			102	13		CR
ELECTRICAL ROOM	103	103	3'-0" x 7'-0" x 1 3/4"	3	HM	PT	F1	HM	PT			103	4		EXT., CR
WOMEN'S TOILET	104	104	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			104	20		
MEN'S TOILET	105	105	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			105	20		
JANITOR'S CLOSET	106	106	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			106	13		CR
PROJECTOR ROOM	107	107	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			107	13		CR
MOVIE THEATER	108	108	PR 3'-0" x 7'-0" x 1 3/4"	3	HM	PT	F1	HM	PT			108	3		EXT., CR
MOVIE THEATER	108	108A	PR 3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT		1 HR	108A	7.1		SOUND/ STC 50
VESTIBULE	111	111	3'-0" x 7'-0" x 1 3/4"	2	HM	ST	F1	HM	PT			111	5		EXT., CR
VESTIBULE	111	111A	12'-0" X 12'-0"	4	STL	PT		STL	PT			111A	21		ROLL-UP
VESTIBULE	111	111B	14'-0 X 14'-0"	MANUF	MANUF			MANUF	MANUF			111B	22		FOLDING PARTITION
SUPPORT STORAGE	112	112	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			112	13		CR
STAIR 2	S102	S102	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S102	11		CR
STAIR 3	S103	S103	3'-0" x 7'-0" x 1 3/4"	2	HM	PT	F1	HM	PT			S103	4		EXT., CR
STAIR 3	S103	S103A	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S103A	12		
YOUTH LEARNING CENTER - SECOND FLOOR															
CORRIDOR	C201	C201	PR 3'-0" x 7'-0" x 1 3/4"	1	WD	ST	F2	HM	PT			C201	6		CR
CONFERENCE ROOM	200	200	PR 3'-0" x 7'-0" x 1 3/4"	1	WD	ST	F2	HM	PT			200	10		
IT	201	201	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			201	13		CR
ELECTRICAL ROOM	202	202	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			202	14		CR
STORAGE	203	203	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT		1 HR	203	15		CR
WOMEN'S TOILET	204	204	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			204	20		

SECTION 080500 - DOOR SCHEDULE

ROOM NAME	ROOM No.	MARK	SIZE WxHxT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	THRESH	LBL	MARK	HDWR No.	DETAIL	NOTES / REMARKS
MEN'S TOILET	205	205	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			205	20		
DRIVING SIMULATOR	206	206	PR 3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			206	7		SOUND/ STC 50
LIBRARY/ CLASSROOM	207	207	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT			207	16		
LIBRARY/ CLASSROOM	207	207A	PR 3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT			207A	9		
LIBRARY/ CLASSROOM	207	207B	10'-0" H	MANUF	MANUF			MANUF	MANUF			207B	22		FOLDING PARTITION
OFFICE	208	208	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			208	17		
OFFICE	209	209	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			209	17		
OFFICE	210	210	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			210	17		
OFFICE	211	211	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			211	17		
OFFICE	212	212	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			212	17		
BREAK ROOM	213	213	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT			213	19		
SUPPORT	214	214	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			214	17		
MEN'S TOILET	215	215	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			215	18		
WOMEN'S TOILET	216	216	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			216	20		
JANITOR'S CLOSET	217	217	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			217	13		CR
OFFICE	218	218	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			218	17		
OFFICE	219	219	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			219	17		
STORAGE	220	220	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT		1 HR	220	15		CR
MULTI-PURPOSE/ DISPATCH TRAINING	221	221	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			221	8		SOUND/ STC 50
ACTIVE SHOOTER SIMULATOR	222	222	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			222	8		SOUND/ STC 50
STAIR 2	S202	S202	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S202	12		
STAIR 3	S203	S203	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S203	12		
BLACKBURN-HUNT															
BLACKBURN-HUNT - FIRST FLOOR															
CORRIDOR	C101	C101	3'-0" x 7'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			C101	24		EXT., CR
LOBBY	100	100	PR 3'-0" x 7'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100	23		EXT., CR
LOBBY	100	100A	PR 3'-0" x 7'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100A	23		EXT., CR
LOBBY	100	100B	PR 3'-0" x 7'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100B	23		EXT., CR
JANITOR'S CLOSET	101	101	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			101	33		CR

SECTION 080500 - DOOR SCHEDULE

ROOM NAME	ROOM No.	MARK	SIZE WxHxT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	THRESH	LBL	MARK	HDWR No.	DETAIL	NOTES / REMARKS
MEN'S TOILET	102	102	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			102	38		
WOMEN'S TOILET	103	103	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			103	38		
STORAGE	104	104	PR 3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT		1 HR	104	28		CR
MULTI-PURPOSE	105	105	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT		1 HR	105	31		
MULTI-PURPOSE	105	105A	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT		1 HR	105A	31		
MULTI-PURPOSE	105	105B	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT		1 HR	105B	31		
KITCHENETTE	106	106	3'-0" x 7'-0" x 1 3/4"	3	HM	PT	F1	HM	PT			106	27		EXT., CR
KITCHENETTE	106	106A	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT		1 HR	106A	35		
KITCHENETTE	106	106B	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT		1 HR	106B	35		
ELECTRICAL/ MECHANICAL	107	107	3'-0" x 7'-0" x 1 3/4"	3	HM	PT	F1	HM	PT			107	25		EXT., CR
STORAGE	108	108	PR 3'-0" x 7'-0" x 1 3/4"	3	HM	PT	F1	HM	PT			108	26		EXT., CR
STAIR 1	S101	S101	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S101	30		CR
STAIR 2	S102	S102	7'-4" x 7'-0" x 1 3/4"	2	HM	PT	F1	HM	PT			S102	25		EXT., CR
BLACKBURN-HUNT - SECOND FLOOR															
CORRIDOR	C202	C202	3'-0" x 7'-0" x 1 3/4"	2	WD		F2	HM	PT			C202	37		
MULTI-PURPOSE/ CLASSROOMS	200	200	3'-0" x 7'-0" x 1 3/4"	2	WD		F2	HM	PT		1 HR	200	35		
MULTI-PURPOSE/ CLASSROOMS	200	200A	3'-0" x 7'-0" x 1 3/4"	2	WD		F2	HM	PT		1 HR	200A	35		
IT	201	201	3'-0" x 7'-0" x 1 3/4"	3	WD		F2	HM	PT			201	33		CR, **BASE BID**
STORAGE	202	202	3'-0" x 7'-0" x 1 3/4"	3	WD		F2	HM	PT			202	33		CR
MEN'S TOILET	203	203	3'-0" x 7'-0" x 1 3/4"	3	WD		F2	HM	PT			203	38		
MEN'S SHOWER	203	203A	2'-8" x 7'-0" x 1 3/4"	3	FG	-	-	HM	PT			203A	36		
MEN'S SHOWER	203	203B	2'-8" x 7'-0" x 1 3/4"	3	FG	-	-	HM	PT			203B	36		
WOMEN'S TOILET	204	204	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			204	38		
WOMEN'S SHOWER	204	204A	2'-8" x 7'-0" x 1 3/4"	3	FG	-	-	HM	PT			204A	36		
WOMEN'S SHOWER	204	204B	2'-8" x 7'-0" x 1 3/4"	3	FG	-	-	HM	PT			204B	36		
JANITOR'S CLOSET	205	205	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			205	33		CR
OFFICE	206	206	3'-0" x 7'-0" x 1 3/4"	1	WD	ST	SF3	ALUM	ANOD			206	34		
STORAGE	207	207	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT		1 HR	207	33.1		CR
OFFICE	208	208	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			208	34		

SECTION 080500 - DOOR SCHEDULE

ROOM NAME	ROOM No.	MARK	SIZE WxHxT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	THRESH	LBL	MARK	HDWR No.	DETAIL	NOTES / REMARKS
OFFICE	209	209	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			209	34		
OFFICE	210	210	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			210	34		
OFFICE	211	211	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			211	34		
BREAK ROOM	212	212	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT			212	37		
CLOSET	213	213	PR 3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			213	29		
OFFICE	214	214	3'-0" x 7'-0" x 1 3/4"	1	WD	ST	SF3	ALUM	ANOD			214	34		
OFFICE	215	215	3'-0" x 7'-0" x 1 3/4"	1	WD	ST	SF3	ALUM	ANOD			215	34		
OFFICE	216	216	3'-0" x 7'-0" x 1 3/4"	1	WD	ST	SF3	ALUM	ANOD			216	34		
CONFERENCE ROOM	217	217	3'-0" x 7'-0" x 1 3/4"	1	WD	ST	SF4	ALUM	ANOD			217	34		
CONFERENCE ROOM	217	217A	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			217A	34		
STORAGE	218	218	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			218	33		CR
STAIR 1	S201	S201	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S201	32		**BASE BID**
STAIR 2	S202	S202	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S202	32		**BASE BID**

* NOTE: SEE SHEET A7.3 FOR THRESHOLD AND DOOR DETAILS

SECTION 080500 - DOOR SCHEDULE

ROOM NAME	ROOM No.	MARK	SIZE WxHxT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	THRESH	LBL	MARK	HDWR No.	DETAIL	NOTES / REMARKS

DOOR SCHEDULE LEGEND

AL - ALUMINUM
AP - AUTOMATIC PALM OPERATOR
ANOD - ANODIZED
B - DOOR RELEASE BUTTON
BP - BI-PARTING
CL - CLOSER
CO - CASE OPENING
CR - CARD READER
FF- FACTORY FINISH
FG - FIBERGLASS
GL- GLASS
HM - HOLLOW METAL
MFR - MANUFACTURER
MH - MAGNETIC HOLD OPEN
MTL - METAL
MT - METAL THRESHOLD
PBL - PUSH BUTTOM LOCK
PL - PLASTIC LAMINATE
PR - PAIR
PT - PAINT
ST - STAIN
WD-WOOD

20 MIN - 20 MINUTES RATED DOOR AND FRAME ASSEMBLY
60 MIN - 60 MINUTES RATED DOOR AND FRAME ASSEMBLY (ONE HOUR)
90 MIN - 90 MINUTES RATED DOOR AND FRAME ASSEMBLY (TWO HOURS)

DOOR GENERAL NOTES

A. SEE HVAC PLANS FOR UNDERCUT DOORS & LOUVERS. MAXIMUM UNDERCUT TO BE 1-3/4".
B. ALL DOORS ARE TO BE 1-3/4" THICK UNLESS NOTED OTHERWISE.
C. ALL DOOR THRESHOLDS SHALL MEET ADA HEIGHT REQUIREMENT - 1/2" MAXIMUM.
D. ALL DOORS TO BE LEVER HANDLE TYPE.
E. SEE SECTION 087100 FOR DOOR HARDWARE SETS.
F. ALL DOORS TO BE KEYED TO OWNER'S MASTER KEY SYSTEM
G. DOOR FRAME THROAT DIMENSION SHALL BE COORDINATED WITH OVERALL GWB AND MTL STUD THICKNESS

NOTES/REMARKS

1 KICK PLATE
2 HARDWARE PER FRAME/DOOR MANUFACTURER
3 REFER TO STOREFRONT ELEVATIONS
4 GASKET AT PERIMETER DOOR EDGES AND BOTTOM SWEEP

SECTION 080500 - DOOR SCHEDULE NOTES:

1.) SEE SHEETS A7.1, A7.2 , A7.3 FOR FRAME ELEVATIONS AND DETAILS.

2.) SEE MECHANICAL DRAWINGS FOR LOCATION OF DOOR GRILLS AND UNDERCUT DOORS. MAXIMUM UNDERCUT TO BE 3/4".

3.) ALL DOORS ARE TO BE 1-3/4" THICK UNLESS OTHERWISE NOTED.

4.) ALL HARDWARE SHALL HAVE LEVER TYPE HANDLES.

5.) ALL DOORS IN THE MEANS OF EGRESS SHALL BE OPERABLE FROM THE INSIDE WITHOUT SPECIAL KEY EFFORT OR KNOWLEDGE.

6.) SEE SECTION 104400 - SIGNAGE, FOR SIGN TYPES.

7.) ALL RATED DOOR ASSEMBLY HARDWARE BUTTS TO BE BALL-BEARING.

PRE-BID RFI #003

Structural Response

Structural

1. S1.1 Foundation Plan YLC
    a. Does not indicate foundation to support the awning on the covered patio. Need to confirm that foundation support is not required.

A foundation for this portion will be included in an addendum.

2. Display Wall Bracing Posts
    a. We need dimensional information; architectural drawings do not indicate locations.

A layout plan can be developed or the BIM model provided for the steel sub to produce their shop drawings.

c.

4. A1.3 Dumpster Area-Structural

    1. The is no structural information for the dumpster area as indicated.

Originally, we assumed that civil would cover this portion, but the necessary details will be provided in an addendum.

e.

5. S2.4 BH -Roof Framing Plan

    1. Does not indicate any cross beam supports for the hvac roof top unit. This may be required based on the weight of the unit.

Framing will be provided in an addendum.

g.

6. Detail B/S3.1

    1. Please indicate who is responsible for confirming HSS at elevation 120’-2” will support the moment load of the Precast Eyebrow.
    2. At elevation 107’-6” who is responsible for designing the support bracing for the precast panel or are we to use the information as indicated in detail D/S3.1.

As discussed at the kick off meeting, the structural steel framing supporting the precast will be updated once the precast manufacturer has developed their shop drawings.

6. Earth Improvements
    a. A discipline needs to do the earth improvement design work. Please indicate if this is Civil or Structural.

The design of the soil improvements is the responsibility of the subcontractor responsible for their installation.

Thank you,

KEVER | MCKEE ENGINEERING

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Addendum No. 1

RFI LOG Attachments

(for those RFI's with additional information/attachments included in responses)

<u>Attachment #2</u>

PRE-BID RFI #012

HM Frame Installation Detail

&

PRE-BID RFI #013

A7.3 Water Intrusion Clarifications

*See also "Files/PRE-BID RFI's in Building Connected for Official Documentation.

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P: +18502249571

Project: 50000336 FSA Youth Learning Center & Blackburn-Hunt Building
2617 Mahan Drive
TALLAHASSEE, Florida 32308
P: 850-877-2165
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RFI #PRE-BID-12: HM Frame Installation Detail

Revision	0	**Status**	Closed on 08/12/25
To	Shay Divsalar (Clemons, Rutherford & Associates)	**From**	Suzanna Thomas (Ajax Building Company (HQ-Midway))
Date Initiated	Aug 1, 2025	**Due Date**	Aug 6, 2025
Location		**Project Stage**	Pre-Construction
Cost Impact	No	**Schedule Impact**	No
Spec Section		**Cost Code**	
Drawing Number	A7.3	**Reference**	
Linked Drawings	A7.3		
Received From	Mike Imbler (Ajax Building Company (HQ-Midway))		
Copies To			

Activity

Question

Question from Suzanna Thomas Ajax Building Company (HQ-Midway) *on Friday, Aug 1, 2025 at 10:01 AM EDT*

Per conversation with CRA and Ajax please provide an updated details that demonstrate the HM Frame installation detail (Ex. Detail 6 on drawing A7.3).

Attachments
RFI#012_PRE-BID_suggested connection detail.png

Official Response

Response from Shay Divsalar Clemons, Rutherford & Associates *on Thursday, Aug 7, 2025 at 01:30 PM EDT*

Please see attached revised sheet A7.3
Provided Dimpler for concrete walls and HM frame attachment.

Attachments
24029 A7.3 DR WIN - RFI 12 & 13.pdf

Official Response

Response from Shay Divsalar Clemons, Rutherford & Associates *on Tuesday, Aug 5, 2025 at 04:49 PM EDT*

Response to RFI #12 & 13

Attachments
24029 A7.3 DR WIN - RFI 13.pdf

All Replies

Response from Shay Divsalar Clemons, Rutherford & Associates *on Thursday, Aug 7, 2025 at 01:30 PM EDT*

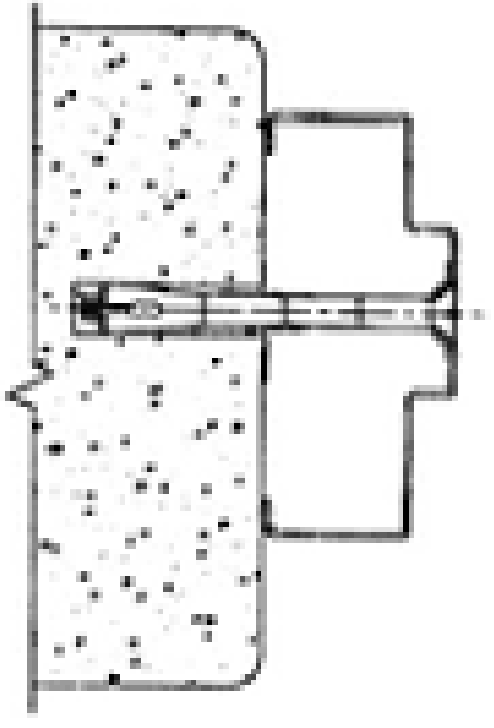
Please see attached revised sheet A7.3
Provided Dimpler for concrete walls and HM frame attachment.

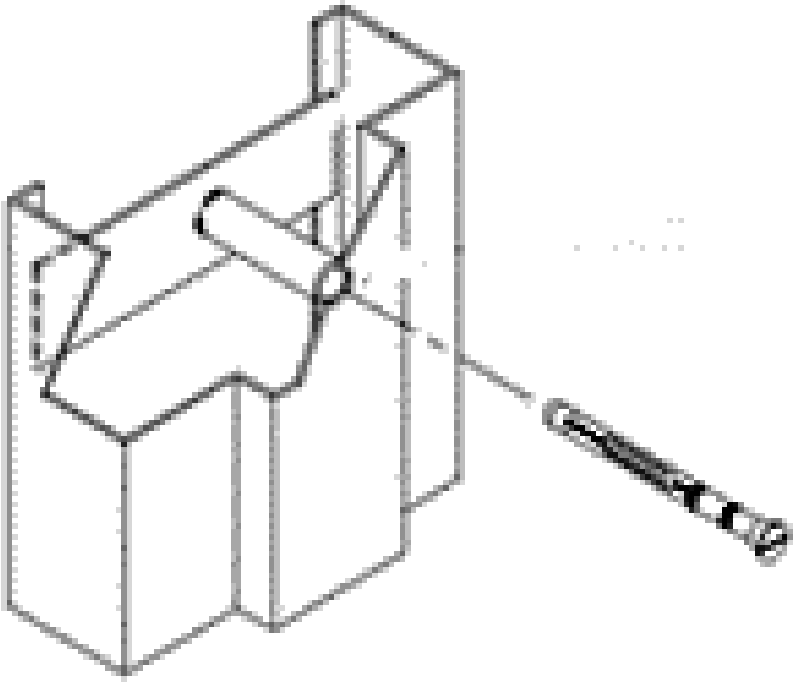
Attachments
24029 A7.3 DR WIN - RFI 12 & 13.pdf

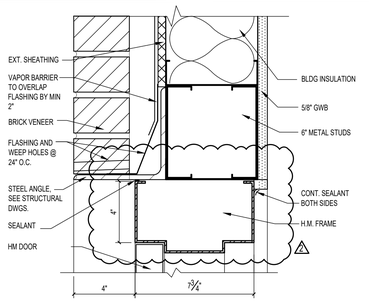
Response from Shay Divsalar Clemons, Rutherford & Associates *on Tuesday, Aug 5, 2025 at 04:49 PM EDT*

Response to RFI #12 & 13

Attachments
24029 A7.3 DR WIN - RFI 13.pdf







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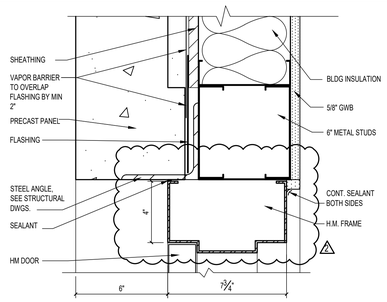

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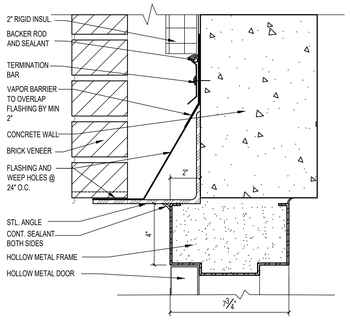

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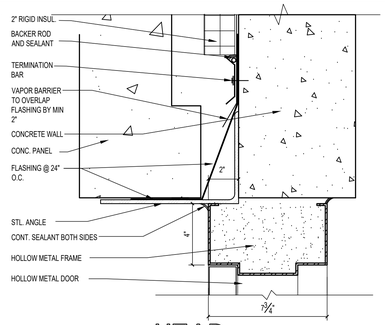

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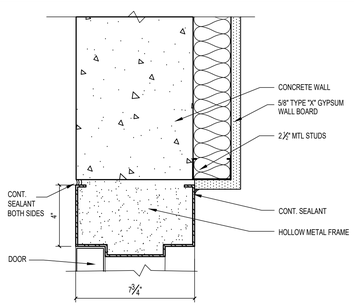

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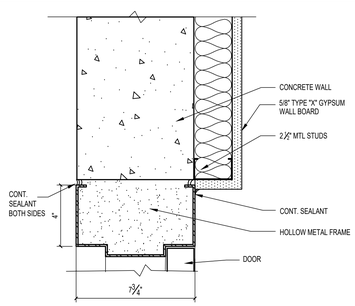

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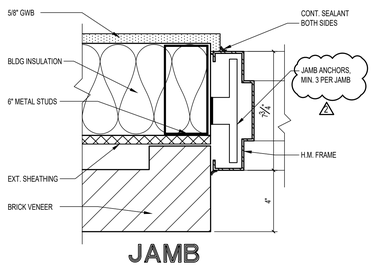
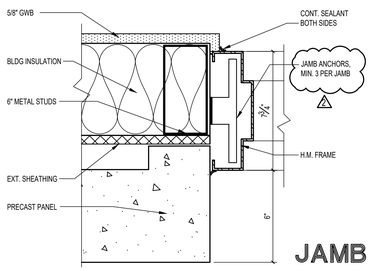


JAMB



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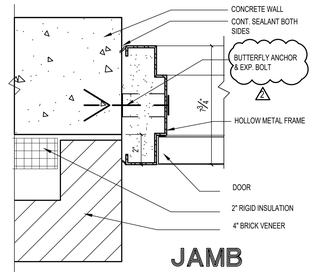

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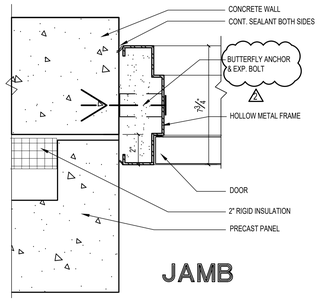

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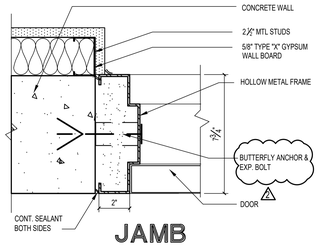

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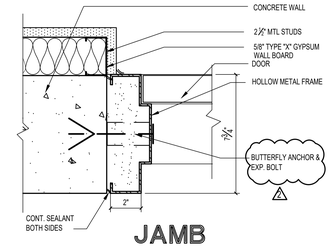


JAMB

1 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

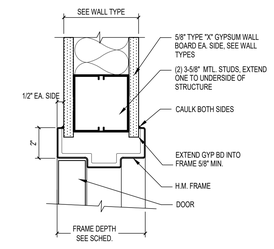
2 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

3 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

4 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

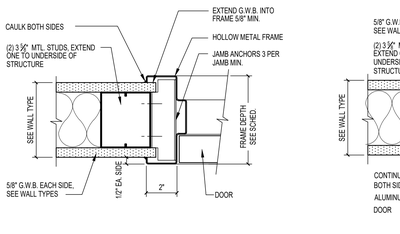
5 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

6 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"



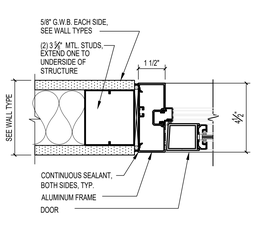
NOTE: DOOR FRAME THROAT DIMENSION SHALL BE COORDINATED WITH OVERALL GWB AND METAL STUD THICKNESS.

7 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

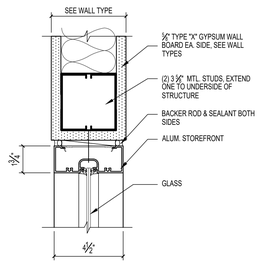


NOTE: DOOR FRAME THROAT DIMENSION SHALL BE COORDINATED WITH OVERALL GWB. AND METAL STUD THICKNESS.

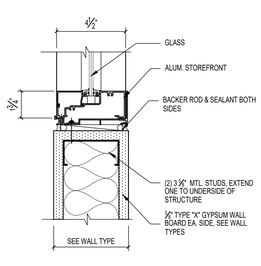
8 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"



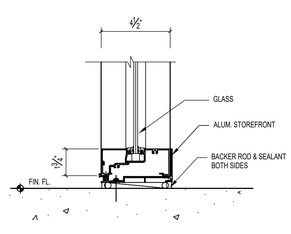
9 INTERIOR STOREFRONT DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"



10 INTERIOR STOREFRONT WINDOW HEAD & JAMB — A7.3 / A7.3 — SCALE: 3" = 1'-0"



11 INTERIOR STOREFRONT WINDOW SILL — A7.3 / A7.3 — SCALE: 3" = 1'-0"



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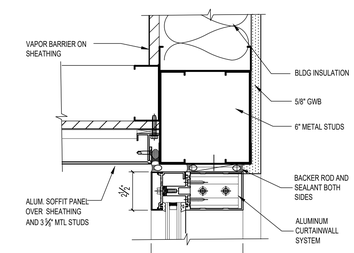
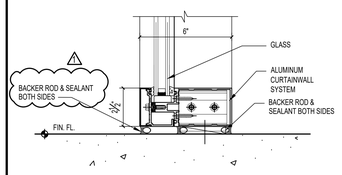


13 CURTAINWALL WINDOW HEAD — A7.3 / A7.3 — SCALE: 3" = 1'-0"



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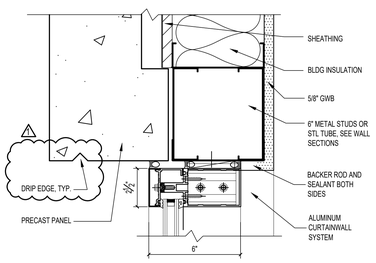
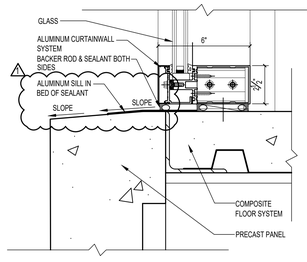


15 CURTAINWALL WINDOW HEAD — A7.3 / A7.3 — SCALE: 3" = 1'-0"



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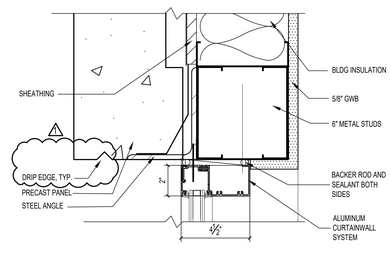

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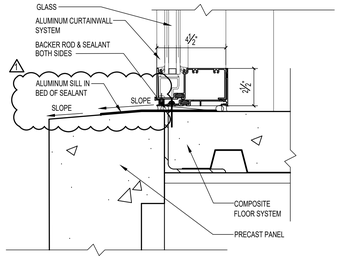

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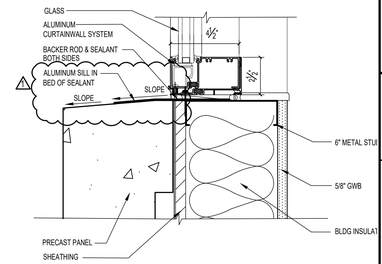

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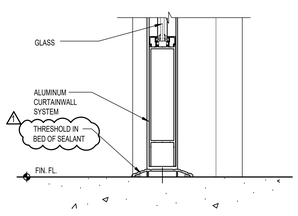

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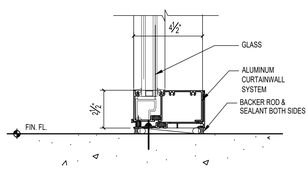

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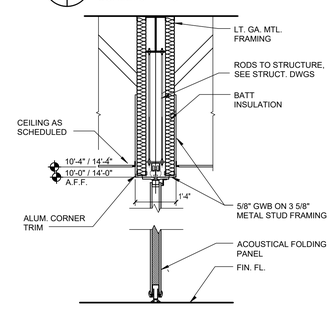
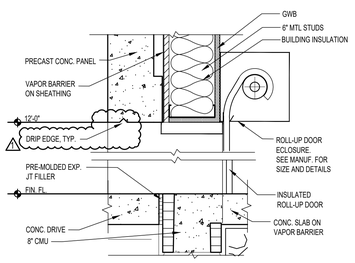
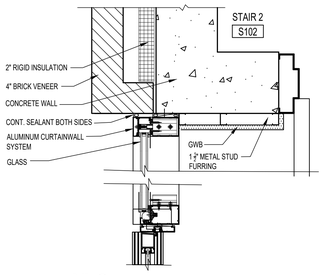


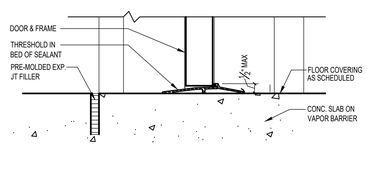
22 FOLDING PARTITION DETAIL — A7.2 / A7.2 — SCALE: 1/2"=1'-0"



23 ROLL-UP DOOR DETAIL — A7.3 / A7.3 — SCALE: 1-1/2"=1'-0"



24 YLC CURTAINWALL PLAN DETAIL — A7.3 / A7.3 — SCALE: 1-1/2" = 1'-0"



25 THRESHOLD DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN-HUNT BUILDING

MAHAN DRIVE TALLAHASSEE, FL

CRA ARCHITECTS

Clemons, Rutherford & Associates Inc.

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SUBMITTAL

PHASE	DATE	DRAWN	CHECK
DD	2-28-25	R. SHAH	S. DIVSALAR
50% CD	4-15-25	R. SHAH	S. DIVSALAR
100% CD	7-18-25	R. SHAH	S. DIVSALAR
-			
-			
-			
-			

REVISIONS

#	DATE	COMMENTS
1	8-7-25	RFI # 12
2	8-7-25	RFI # 13
3		
4		
5		
6		
7		

CRA PROJ.#: 24029

PHASE: **CONSTRUCTION DOCUMENTS**

SHEET TITLE
YOUTH LEARNING CENTER & BLACKBURN-HUNT DOOR & WINDOW ELEVATIONS & DETAILS

A7.3 of .

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C:\PRODUCTION\CRA JOBS\2024\24029 - FSA - NEW OFFICE BUILDING - MUSEUM\DRAWINGS\CRA DWGS\@@@@@POST SUBMITTAL\24029 A7.1-A7.3 DR MIN - RFI 12 & 13.DWG, 8/7/2025 12:40 PM, KAILE SMITH

Ajax Building Company, LLC
1080 Commerce Blvd
Midway, Florida 32343
P: +18502249571

Project: 50000336 FSA Youth Learning Center & Blackburn-Hunt Building
2617 Mahan Drive
TALLAHASSEE, Florida 32308
P: 850-877-2165
F: 850-878-8665

RFI #PRE-BID-13: A7.3 Water Intrusion Clarifications

Revision	0	**Status**	Closed on 08/12/25
To	Shay Divsalar (Clemons, Rutherford & Associates)	**From**	Suzanna Thomas (Ajax Building Company (HQ-Midway))
Date Initiated	Aug 4, 2025	**Due Date**	Aug 9, 2025
Location		**Project Stage**	Pre-Construction
Cost Impact	No	**Schedule Impact**	No
Spec Section	079200 - JOINT SEALERS	**Cost Code**	
Drawing Number	A7.3	**Reference**	
Linked Drawings			
Received From	Allan Wooden (Ajax Building Company (HQ-Midway))		
Copies To			

Activity

Question

Question from Suzanna Thomas Ajax Building Company (HQ-Midway) *on Monday, Aug 4, 2025 at 10:24 AM EDT*

Upon reviewing the details on A7.3 several instances involving sills, etc risk water intrusion. Please see attached for examples.

Please provide clarification and/or updated details where applicable.

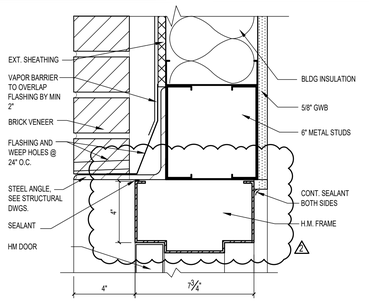
Attachments
RFI#013_PRE-BID_A7.3 Attachment.pdf

Official Response

Response from Shay Divsalar Clemons, Rutherford & Associates *on Thursday, Aug 7, 2025 at 01:31 PM EDT*

Please see attached sheet A7.3 for clouded details.

Attachments
24029 A7.3 DR WIN - RFI 12 & 13.pdf



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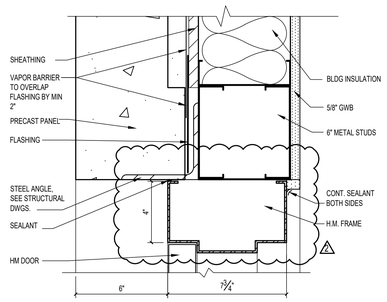

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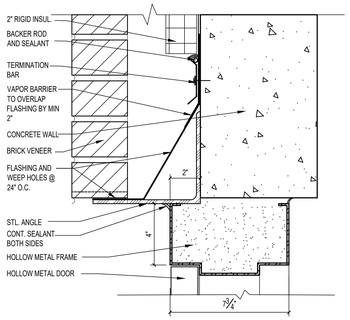

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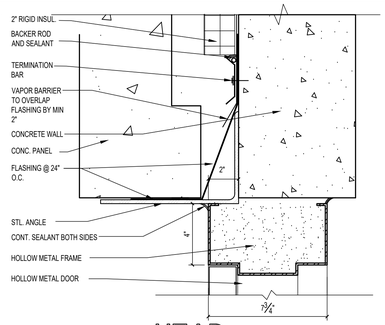

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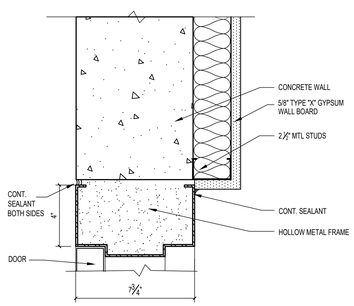

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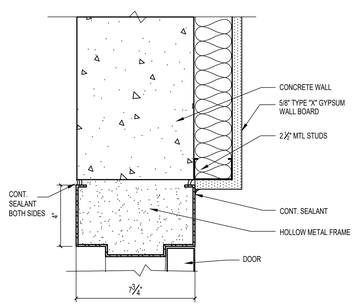

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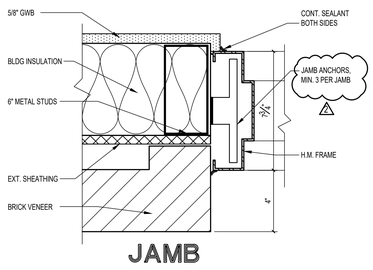
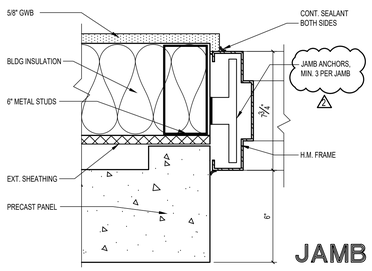


JAMB



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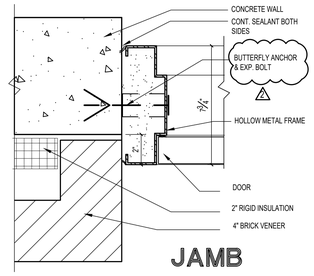

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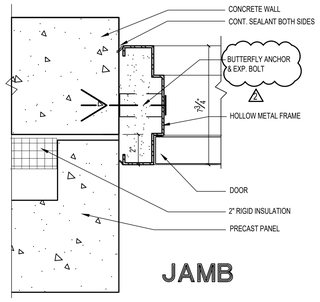

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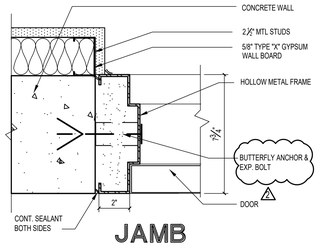

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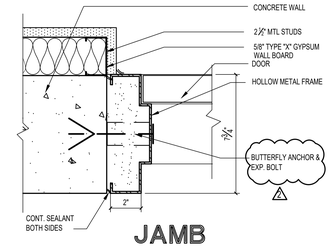

JAMB

1 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

2 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

3 DOOR HEAD/ JAMB DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

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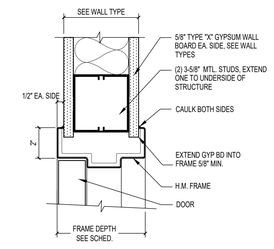

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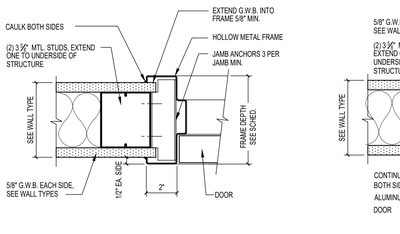

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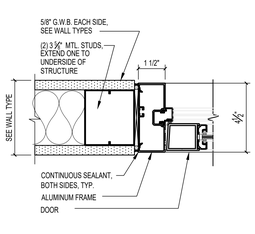

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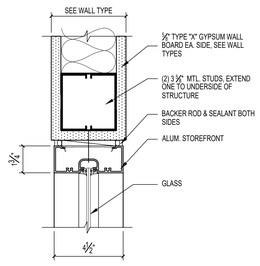

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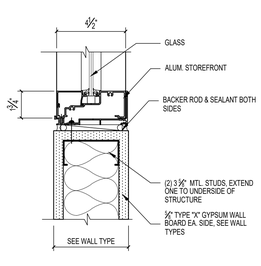

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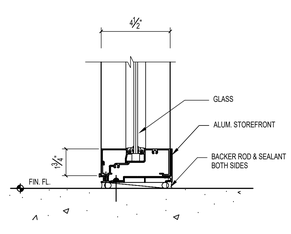

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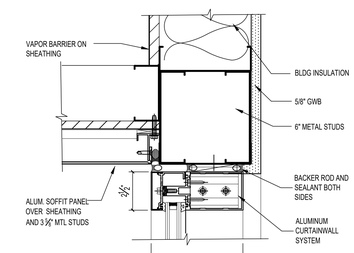

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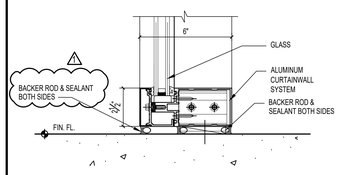

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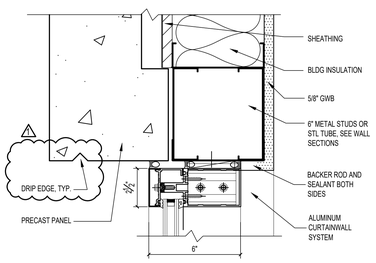
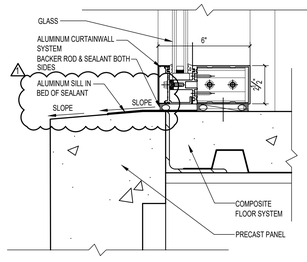


15 CURTAINWALL WINDOW HEAD — A7.3 / A7.3 — SCALE: 3" = 1'-0"



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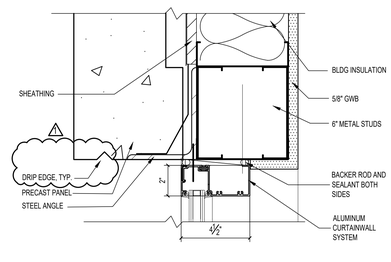

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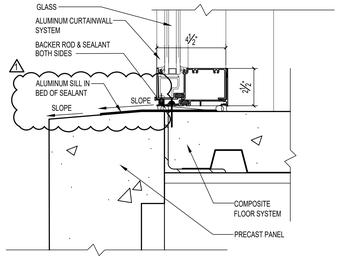

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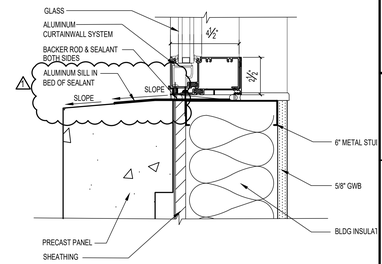

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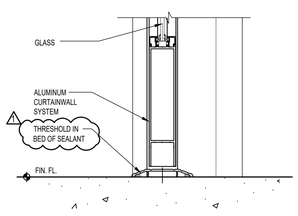
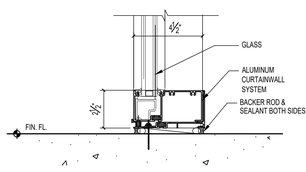


20 CURTAINWALL BOTTOM RAIL DETAIL — A7.3 / A7.3 — SCALE: 3" = 1'-0"



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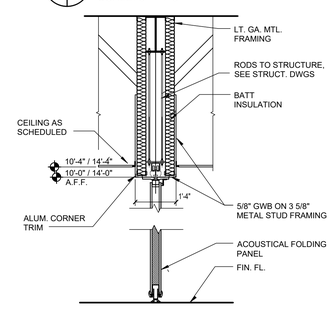

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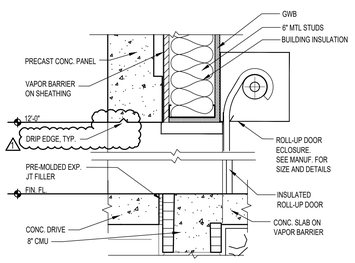
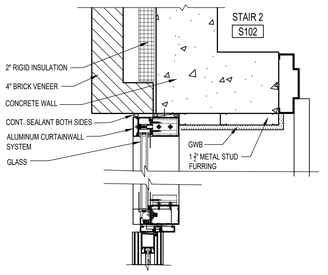
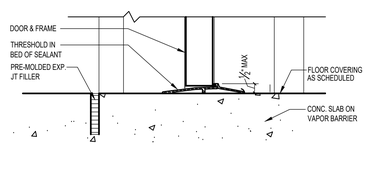


23 ROLL-UP DOOR DETAIL — A7.3 / A7.3 — SCALE: 1-1/2"=1'-0"



24 YLC CURTAINWALL PLAN DETAIL — A7.3 / A7.3 — SCALE: 1-1/2" = 1'-0"



25 THRESHOLD DETAIL — A7.3 / A7.3 — SCALE: 3"=1'-0"

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN-HUNT BUILDING

MAHAN DRIVE TALLAHASSEE, FL

CRA ARCHITECTS

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SUBMITTAL

PHASE	DATE	DRAWN	CHECK
DD	2-28-25	R. SHAH	S. DIVSALAR
50% CD	4-15-25	R. SHAH	S. DIVSALAR
100% CD	7-18-25	R. SHAH	S. DIVSALAR
-			
-			
-			
-			

REVISIONS

#	DATE	COMMENTS
1	8-7-25	RFI # 12
2	8-7-25	RFI # 13
3		
4		
5		
6		
7		

CRA PROJ.#: 24029

PHASE: **CONSTRUCTION DOCUMENTS**

SHEET TITLE
YOUTH LEARNING CENTER & BLACKBURN-HUNT DOOR & WINDOW ELEVATIONS & DETAILS

A7.3 of .

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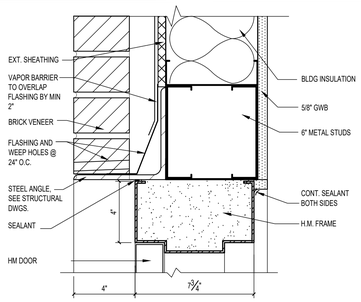

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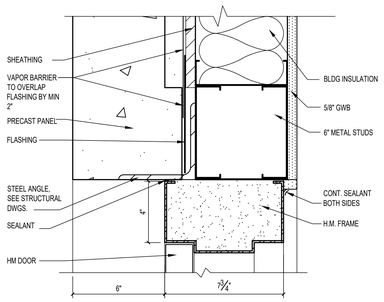

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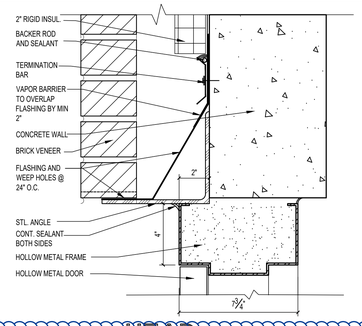

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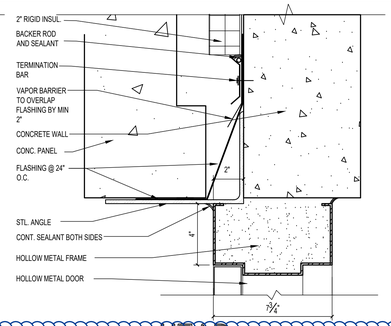

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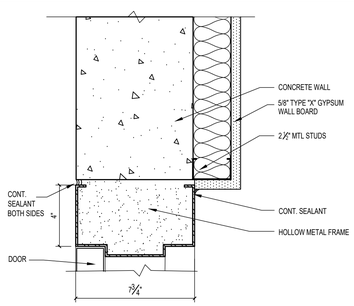

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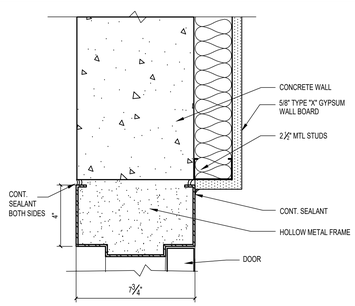

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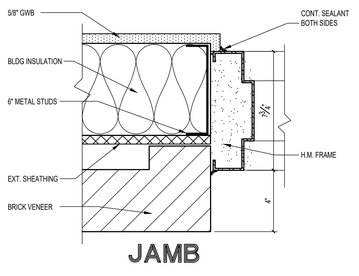

JAMB

1 A7.3 A7.3 DOOR HEAD/ JAMB DETAIL
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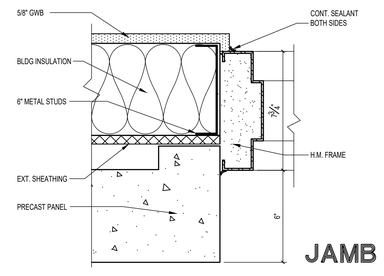

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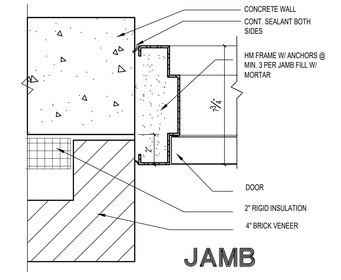

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3 A7.3 A7.3 DOOR HEAD/ JAMB DETAIL
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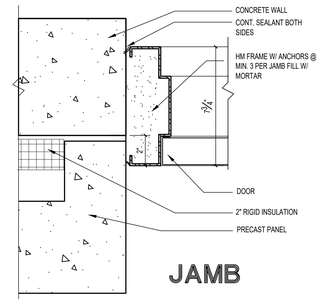

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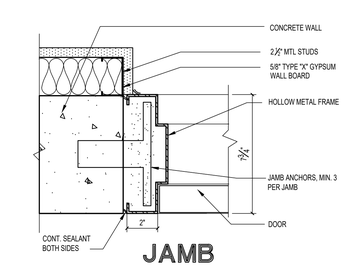

JAMB

5 A7.3 A7.3 DOOR HEAD/ JAMB DETAIL
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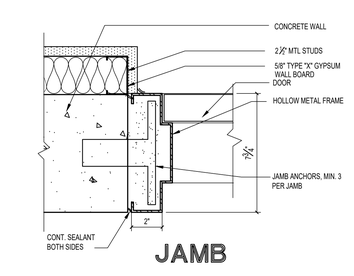

JAMB

6 A7.3 A7.3 DOOR HEAD/ JAMB DETAIL
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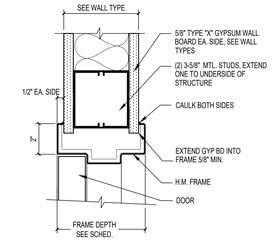
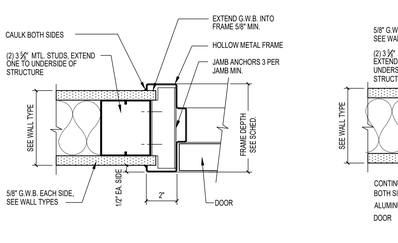


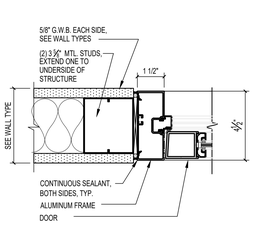
NOTE: DOOR FRAME THROAT DIMENSION SHALL BE COORDINATED WITH OVERALL GWB AND METAL STUD THICKNESS.

7 A7.3 A7.3 DOOR HEAD/ JAMB DETAIL
SCALE: 3"=1'-0"

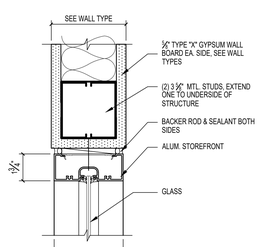


NOTE: DOOR FRAME THROAT DIMENSION SHALL BE COORDINATED WITH OVERALL GWB. AND METAL STUD THICKNESS.

8 A7.3 A7.3 DOOR HEAD/ JAMB DETAIL
SCALE: 3"=1'-0"



9 A7.3 A7.3 INTERIOR STOREFRONT DOOR HEAD/ JAMB DETAIL
SCALE: 3"=1'-0"



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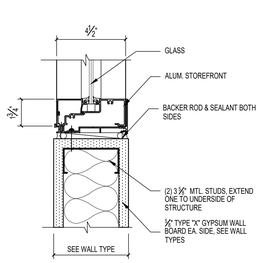

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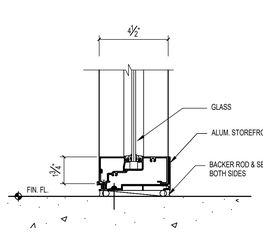

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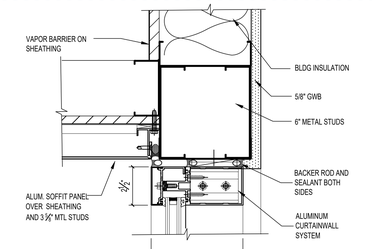

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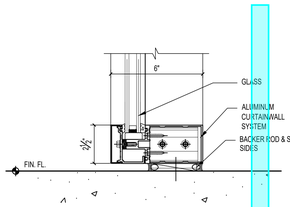

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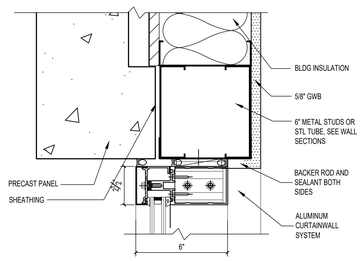

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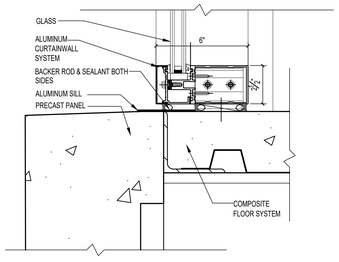

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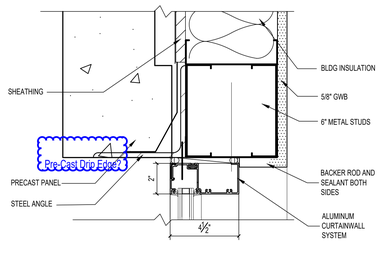

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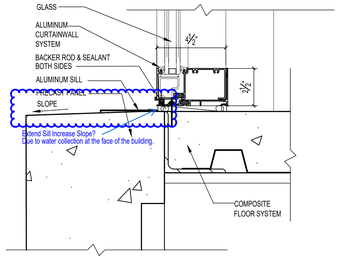

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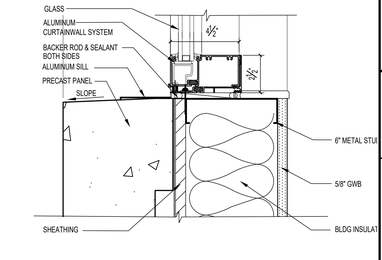

19 A7.3 A7.3 STOREFRONT WINDOW SILL
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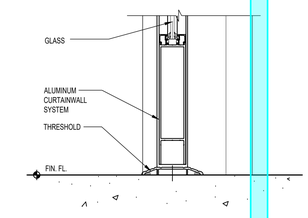

20 A7.3 A7.3 CURTAINWALL BOTTOM RAIL DETAIL
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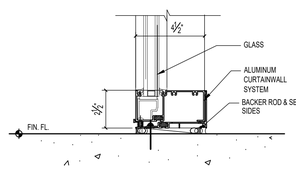

21 A7.3 A7.3 STOREFRONT WINDOW SILL
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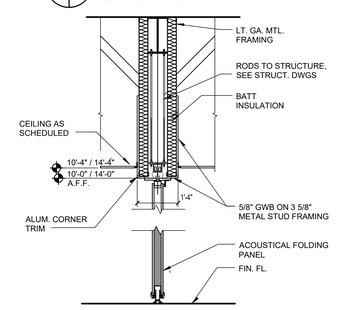

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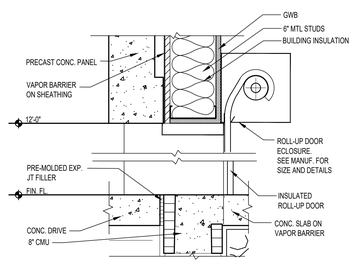

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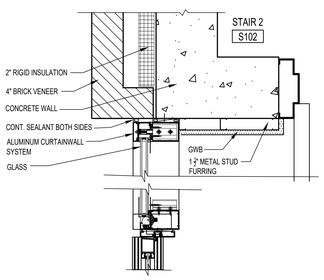

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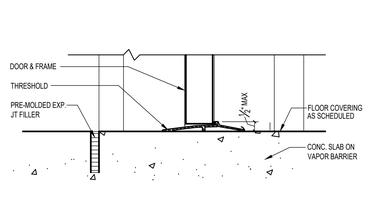

25 A7.3 A7.3 THRESHOLD DETAIL
SCALE: 3"=1'-0"

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN-HUNT BUILDING

MAHAN DRIVE TALLAHASSEE, FL

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cra@clemons-rutherford.com

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SUBMITTAL

PHASE	DATE	DRAWN	CHECK
DD	2-28-25	R. SHAH	S. DIVSALAR
50% CD	4-15-25	R. SHAH	S. DIVSALAR
100% CD	7-18-25	R. SHAH	S. DIVSALAR
-			
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-			

REVISIONS

#	DATE	COMMENTS
1		
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CRA PROJ.#: 24029

PHASE: CONSTRUCTION DOCUMENTS

SHEET TITLE
YOUTH LEARNING CENTER & BLACKBURN-HUNT DOOR & WINDOW ELEVATIONS & DETAILS

A7.3 of .

G:\Production\CRA Jobs\2024\24029 - FSA - New Office Building - Museum\Drawings\CRA DWGs\@@@@@Post Submittal\24029 A7.1-A7.3 DR MIN.dwg, 7/22/2025 3:26:25 PM, rshah
C:\PRODUCTION\CRA JOBS\2024\24029 - FSA - NEW OFFICE BUILDING - MUSEUM\DRAWINGS\CRA DWGS\@@@@@POST SUBMITTAL\24029 A7.1-A7.3 DR MIN.dwg, 7/22/2025 3:26:25 PM, RSHAH

Addendum No. 1

RFI LOG Attachments

(for those RFI's with additional information/attachments included in responses)

Attachment #3

PRE-BID RFI #014

MEP Delegated Design Requirements

*See also "Files/PRE-BID RFI's in Building Connected for Official Documentation.

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RFI #PRE-BID-14: MEP Delegated Design Requirements

Revision	0	**Status**	Open
To	Shay Divsalar (Clemons, Rutherford & Associates) *(Response Required)* H2 Inbox (H2Engineering) (H2 Engineering)	**From**	Suzanna Thomas (Ajax Building Company (HQ-Midway))
Date Initiated	Aug 4, 2025	**Due Date**	Aug 9, 2025
Location		**Project Stage**	Pre-Construction
Cost Impact		**Schedule Impact**	
Spec Section		**Cost Code**	
Drawing Number		**Reference**	
Linked Drawings			
Received From	Allan Wooden (Ajax Building Company (HQ-Midway))		
Copies To			

Delegated design services and delegated design submittals, though similar terms, refer to different items both included in the design documents and the specifications.

Delegated design services by a professional engineer, separate from the engineer of record on this project, are only required to evaluate the structural requirements for the large, roof-mounted, mechanical equipment subject to potential hurricane winds (e.g., the RTU's and the VRF condensing units). The design documents includes details for the smaller equipment (e.g. roof-mounted fans). The delegated design note included on the mechanical notes and legends sheet shall be adjusted accordingly in a forthcoming addendum.

General references to delegated design submittals throughout the specifications, refers to the information included in the submittal shop drawings and product data, demonstrating compliance with the specification requirements and the construction documents.

- R. Richards, 8/8/2025.

Activity

Question

Question from Suzanna Thomas Ajax Building Company (HQ-Midway) *on Monday, Aug 4, 2025 at 11:33 AM EDT*

Please provide sufficient design information to negate the need for delegated design in MEP's (with the exception of Fire Alarm and Fire Suppression).

Examples:
SECTION 220529- HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT:
Part 2 - PRODUCTS
A. Delegated Design: Engage a qualified professional engineer, as defined in Division 01 "Quality Requirements," to design trapeze pipe hangers and equipment supports.

SECTION 230548.13 - VIBRATION CONTROLS FOR HVAC
1.03 ACTION SUBMITTALS
C. Delegated-Design Submittal: For each vibration isolation device.

SECTION 232300 - REFRIGERANT PIPING
1.03 ACTION SUBMITTALS
A. Delegated-Design Submittal: For refrigerant piping size and layout, including oil traps, double risers, specialties, and pipe and tube sizes to accommodate, as a minimum, equipment provided, elevation difference between compressor and evaporator, and length of piping to ensure proper operation and compliance with warranties of connected equipment.

SECTION 233113.11 - METAL DUCTS FOR GENERAL HVAC
1.03 ACTION SUBMITTALS
B. Delegated-Design Submittal:
1. Sheet metal thicknesses.
2. Joint and seam construction and sealing.
3. Reinforcement details and spacing.
4. Materials, fabrication, assembly, and spacing of hangers and supports.

SECTION 237433.11 – PACKAGED, HIGH-PERCENTAGE OUTDOOR-AIR UNITS
1.03 ACTION SUBMITTALS
C. Delegated Design Submittal: For high-percentage outdoor-air-unit supports indicated to comply with performance and design criteria, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.
PART 2 - PRODUCTS
2.01 PERFORMANCE REQUIREMENTS
H. Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design vibration isolation and wind restraints.

Other Spec Section examples where Delegated Design is noted as required:
SECTION 238129- VARIABLE-REFRIGERANT-FLOW HVAC SYSTEMS
SECTION 250100- GENERAL PROVISIONS FOR INSTRUMENTATION AND CONTROL

Awaiting an Official Response

Addendum No. 1

RFI LOG Attachments

(for those RFI's with additional information/attachments included in responses)

Attachment #4

PRE-BID RFI #015

OFOI's & OFCI's

*See also "Files/PRE-BID RFI's in Building Connected for Official Documentation.

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RFI #PRE-BID-15: OFOI's & OFCI's

Revision	0	**Status**	Closed on 08/13/25
To	Shay Divsalar (Clemons, Rutherford & Associates)	**From**	Suzanna Thomas (Ajax Building Company (HQ-Midway))
Date Initiated	Aug 6, 2025	**Due Date**	Aug 11, 2025
Location		**Project Stage**	Pre-Construction
Cost Impact		**Schedule Impact**	
Spec Section		**Cost Code**	
Drawing Number		**Reference**	
Linked Drawings			
Received From	Allan Wooden (Ajax Building Company (HQ-Midway))		
Copies To			

Activity

Question

Question from Suzanna Thomas Ajax Building Company (HQ-Midway) *on Wednesday, Aug 6, 2025 at 09:50 AM EDT*

Please confirm what items are OFOI (Owner Furnished Owner Installed) and OFCI (Owner Furnished Contractor Installed).

Per our review of the updated drawings/documents the Museum and Theater are not showing as OFOI as an example. Also during our Theater Coordination meeting the Theater Lighting was to be an OFCI item. *H2 noted forthcoming in next revision.*

Official Response

Response from Shay Divsalar Clemons, Rutherford & Associates *on Wednesday, Aug 13, 2025 at 03:01 PM EDT*

Please see attached.

Attachments
Matrix of Risponsibilities..pdf

All Replies

Response from Shay Divsalar Clemons, Rutherford & Associates *on Wednesday, Aug 13, 2025 at 03:01 PM EDT*

Please see attached.

Attachments
Matrix of Risponsibilities..pdf

Florida Sheriffs Association
Youth Learning Center and Blackburn-Hunt Building
Purchasing and Installation Responsibilities

Item	Description	Owner Purchased	Owner Installed	Contractor Installed	Remarks
1	Theater Speakers	*	*		
2	Theater light fixtures	*		*	
3	Theater clips and vinyl	*		*	
4	Theater walls and ceiling acoustical panels	*	*		
5	Theater wall mounted handrails				Contractor purchased and installed
6	Theater carpet.				Contractor purchased and installed
7	Theater seats	*		*	Direct purchase by FSA
8	Projector on a lift and desk	*	*		
9	All electronic for the theater	*	*		
10	Gyp Bd. on theater walls and ceiling clips.				Contractor purchased contractor installed
11	All conduits for electronics				
12	Desks, chairs, bookcases, files, chairs, shelving, tables	*	*		
13	Computers, telephones, printers, diplay monitors, mounts for display monitors	*	*		
14	Window shades	*	*		
15	Site furniture	*	*		
16	Refrigerators, microwaves, coffee makers	*	*		
17	Toilet Accessories in restrooms				Contractor purchased and installed
18	Paper towel and soap dispensers in break rooms	*	*		
19	Markerboards & tackboards	*	*		
20					
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Florida Sheriffs Association
Youth Learning Center and Blackburn-Hunt Building
Purchasing and Installation Responsibilities

28					
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Addendum No. 1

RFI LOG Attachments

(for those RFI's with additional information/attachments included in responses)

Attachment #5

PRE-BID RFI #017

Spray Insulation Specification and Location

*See also "Files/PRE-BID RFI's in Building Connected for Official Documentation.

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RFI #PRE-BID-17: Spray Insulation Specification and Location

Revision	0	**Status**	Closed on 08/21/25
To	Shay Divsalar (Clemons, Rutherford & Associates)	**From**	Mike Imbler (Ajax Building Company (HQ-Midway))
Date Initiated	Aug 12, 2025	**Due Date**	Aug 17, 2025
Location		**Project Stage**	Pre-Construction
Cost Impact		**Schedule Impact**	
Spec Section		**Cost Code**	
Drawing Number		**Reference**	
Linked Drawings	A3.1		
Received From	Mike Imbler (Ajax Building Company (HQ-Midway))		
Copies To	Mike Imbler (Ajax Building Company (HQ-Midway))		

Activity

Question

Question from Mike Imbler Ajax Building Company (HQ-Midway) *on Tuesday, Aug 12, 2025 at 03:32 PM EDT*

There appears to be no specification for either sprayed sound insulation or sprayed thermal insulation. The plans need to be clear on where each one of the three types of insulation is to be used. Example would be the theater steel has sprayed insulation but does not indicate if it requires fire retardant insulation.

Official Response

Response from Shay Divsalar Clemons, Rutherford & Associates *on Thursday, Aug 21, 2025 at 12:26 PM EDT*

Please see attached.

Attachments
098316 SPRAY ON SOUND INSULATION.pdf

Official Response

Response from Shay Divsalar Clemons, Rutherford & Associates *on Tuesday, Aug 19, 2025 at 04:40 PM EDT*

Specs for the sprayed sound and thermal insulation are the same and shown in section 098316.
Spray 3" sound insulation on the interior second floor metal deck and 4" on the interior face of the precast cladding and the metal deck directly above the exterior soffit.

SECTION 098316 - SPRAY-ON SYSTEM SOUND INSULATION

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. Sprayed cellulose acoustical insulation. (098316)

1.02 RELATED ITEMS

A. Clips, hangers, supports, sleeves and other attachments to spray bases are to be placed by other trades prior to the application of sprayed insulation.

B. Ducts, piping, conduit or other suspended equipment shall not be positioned until after the application of sprayed insulation.

C. Roof penetrations to be installed prior to application.

1.03 QUALITY ASSURANCE

A. Manufacturer must have a current Underwriters Laboratories (UL) Code Evaluation Report.

B. Manufacturer must be in compliance with the 2009-2021 International Building Code.

C. Manufacturer must be ISO 9001:2015 Certified.

D. Manufacturer must be Forest Stewardship Council (FSC) Chain-of-Custody Certified.

E. Applicator: Licensed by manufacturer.

F. Manufacturer must subscribe to independent laboratory follow-up inspection services of Underwriters Laboratories and Factory Mutual. Each bag shall be labeled accordingly.

G. Mock-up: Apply a 100 square foot representative sample to be reviewed by the Architect and/or Owner prior to proceeding.

H. Manufacturer shall have a minimum 10-year successful performance history of producing and installing spray-applied cellulose on similar projects.

I. Material must be tested in accordance with ASTM E 1042 by a NVLAP accredited testing laboratory.

1.04 SUBMITTALS

A. Submit product data that the product meets or exceeds the following specified requirements.
   1. Bond strength shall be greater than 150 psf per ASTM E 736.
   2. Product shall be Class 1 Class A per ASTM E 84/ UL 723.
   3. Non-corrosive per ASTM C 1149
   4. Bond Deflection per ASTM E 759: 6” Deflection in 10’ Span – No Spalling or Delamination.
   5. R-Value to be 3.70 per inch per ASTM C 518.
   6. Comply with 2015 IBC Section 803.12 stability requirements for interior finishes.
   7. Meet ASTM C 1149
   8. Product shall be Cradle to Cradle® Certified v.3.1 or higher to a minimum certification level of Bronze
   9. Product shall be UL GREENGUARD Gold Certified
   10. Product must have a publicly available Health Product Declaration (HPD) to 100 PPM
   11. Product must have a third-party verified, publicly available, product-specific Environmental Product Declaration per ISO 14025
   12. Manufacturer's written certification that product contains no asbestos, fiberglass or other man-made mineral fibers.
   13. Copy of manufacturer’s ISO 9001:2015 Certification.
   14. Minimum Fiber Recycled Content to be 80%.
   15. Cannot contain any added Urea-Formaldehyde Resins.

1.06 DELIVERY, STORAGE AND HANDLING

A. Deliver in original, unopened containers bearing name of manufacturer, product identification and reference to U.L. testing.

B. Store materials dry, off ground, and under cover.

C. Protect liquid adhesive from freezing.

D. Water to be potable.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

A. International Cellulose Corporation 12315
Robin Boulevard
Houston, Texas 77045
Phone: (713) 433-6701 or (800) 444-1252
Fax: (713) 433-2029
Website: www.spray-on.com Email:
icc@spray-on.com

B. For approved applicators contact ICC at (800) 444-1252.

2.02 MATERIALS

A. K-13 Spray-On-Systems.
1. Color shall be from Manufacturer's standard color chart or to be selected by Architect.
2. Each bag must be labeled with appropriate UL classification and FM markings
3. Each drum of adhesive must be labeled "SK-2000 adhesive to be used with K-13"

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine surfaces and report unsatisfactory conditions in writing. Do not proceed until unsatisfactory conditions are corrected.

B. Verify surfaces to receive spray insulation to determine if priming/sealing is required to insure bonding and/or to prevent discoloration caused by migratory stains.

3.02 PREPARATION

A. Provide masking, drop cloths or other satisfactory coverings for materials/surfaces that are not to receive insulation to protect from over-spray.

B. Coordinate installation of the sprayed cellulose fiber with work of other trades.

C. Prime surfaces as required by manufacturer's instructions or as determined by examination.

D. Prime all gypsum board surfaces with high quality, commercial, gypsum board primer

3.03 INSTALLATION

A. Install spray applied insulation according to manufacturer's recommendations.

B. Comply with local Building Code requirements.

C. Install spray applied insulation to achieve an average NRC of 1.05.

K-13 Sprayed Thermal and Acoustical Insulation on Solid Backing:		
Thickness:	**NRC:**	**R-Value:**
1.00”	0.80	3.70
1.50”	0.90	5.60
1.75”	1.00	6.50
2.00”	1.00	7.40
3.00”	1.00	11.10
4.00”	1.05	14.80
5.00”	1.00	18.50

1

SOUND AND THERMAL INSULATION

RESPONSE TO RFI #17

K-13 Sprayed Thermal and Acoustical Insulation on 1.50” Metal Deck:		
Thickness:	**NRC:**	**R-Value:**
1.50”	1.05	5.60
3.00”	1.05	11.10

K-13 Sprayed Thermal and Acoustical Insulation on 2” Metal Deck:		
Thickness:	**NRC:**	**R-Value:**
1.00”	0.90	3.70
2.00”	1.05	7.40

K-13 Sprayed Thermal and Acoustical Insulation on 3” Metal Deck:		
Thickness:	**NRC:**	**R-Value:**
1.00”	0.95	3.70
1.50”	1.00	5.60
2.75”	1.05	10.20

D. Cure insulation with continuous natural or mechanical ventilation.
   a. Continuous ventilation must be maintained until the material has properly cured.

E. Remove and dispose of over-spray.

4.01 PROTECTION

A. Protect finished installation under provision of Division 1.

END OF SECTION 098316

Addendum No. 1

RFI LOG Attachments

(for those RFI's with additional information/attachments included in responses)

<u>Attachment #6</u>

PRE-BID RFI #018

LVT1 & LVT2 Clarifications

*See also "Files/PRE-BID RFI's in Building Connected for Official Documentation.

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RFI #PRE-BID-18: LVT1 & LVT2 Clarifications

Revision	0	**Status**	Closed on 08/21/25
To	Shay Divsalar (Clemons, Rutherford & Associates)	**From**	Suzanna Thomas (Ajax Building Company (HQ-Midway))
Date Initiated	Aug 18, 2025	**Due Date**	Aug 23, 2025
Location		**Project Stage**	Pre-Construction
Cost Impact	No	**Schedule Impact**	No
Spec Section	096500 - LUXURY VINYL TILE	**Cost Code**	
Drawing Number	A10.3	**Reference**	
Linked Drawings	A10.3		
Received From	Suzanna Thomas (Ajax Building Company (HQ-Midway))		
Copies To			

Activity

Question

Question from Suzanna Thomas Ajax Building Company (HQ-Midway) *on Monday, Aug 18, 2025 at 02:12 PM EDT*

RE: YLC 1st Floor Multi-Purpose Dining & Entertainment Room (Sheet A10.3)

Please provide clarification on which hatching is LVT1 vs LVT2 to determine proper flooring area allocation. The assumption is the box hatching is ECPT/LVT using process of elimination.

Please provide a key/legend.

Official Response

Response from Shay Divsalar Clemons, Rutherford & Associates *on Wednesday, Aug 20, 2025 at 09:31 AM EDT*

Please see attached.

Attachments
24029 A10.3 BH FINISH PLAN.pdf

Official Response

Response from Shay Divsalar Clemons, Rutherford & Associates *on Monday, Aug 18, 2025 at 02:29 PM EDT*

The linear pattern on the finish plans is LVT 1 and the 18" x 18" pattern is LVT 2.

Do you want us to issue this as an addendum?

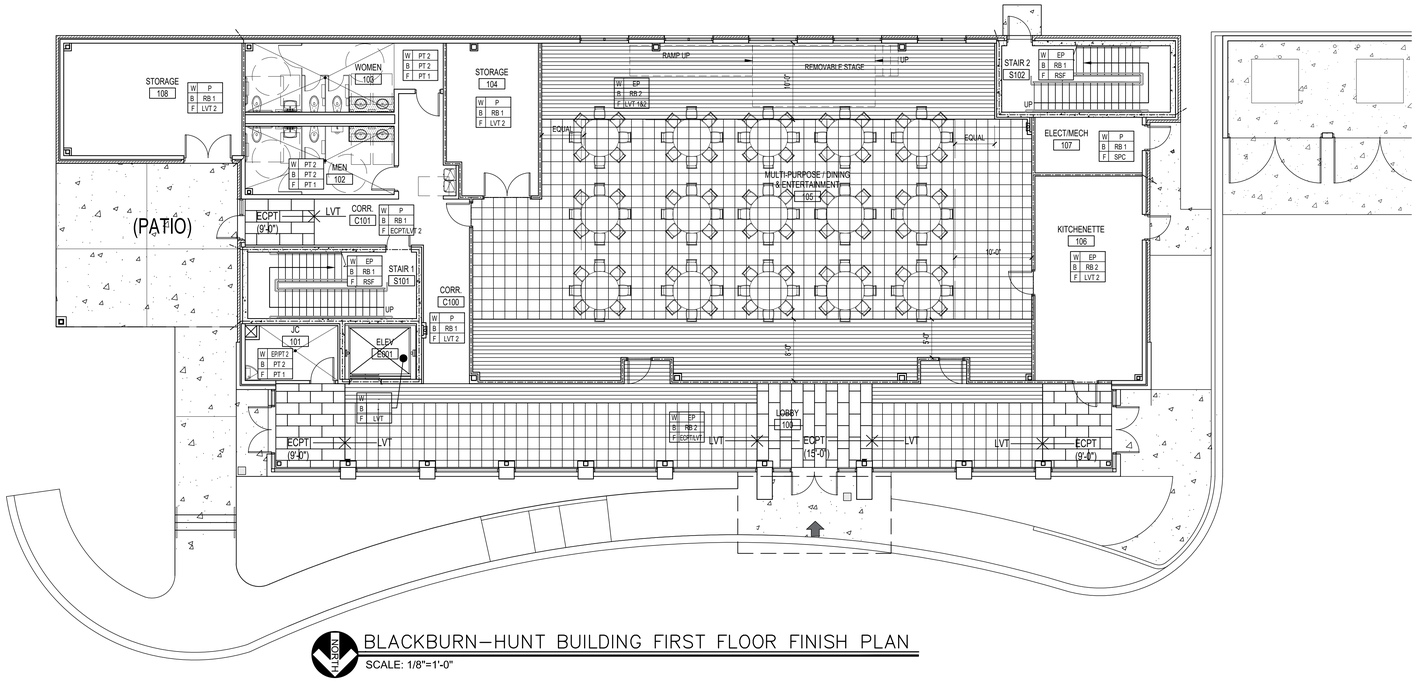
GENERAL FINISH NOTES

1. ALL INTERIOR WALL AND CEILING FINISHES ARE CLASS A.
2. ALL INTERIOR FLOOR FINISHES ARE CLASS I.
3. SEE REFLECTED CEILING PLANS FOR CEILING HEIGHTS AND FINISHES.
4. PROVIDE A 72" HIGH WAINSCOT OF PORCELAIN TILE ON ALL WALLS OF JANITOR CLOSETS.
5. PROVIDE FULL HEIGHT PORCELAIN TILE ON ALL WALLS OF RESTROOMS. SEE WALL TILE PATTERN ON SHEET A8.1.
6. SEE DETAIL 1/A6.1 FOR TILED BENCHES.

FLOOR PATTERN LEGEND

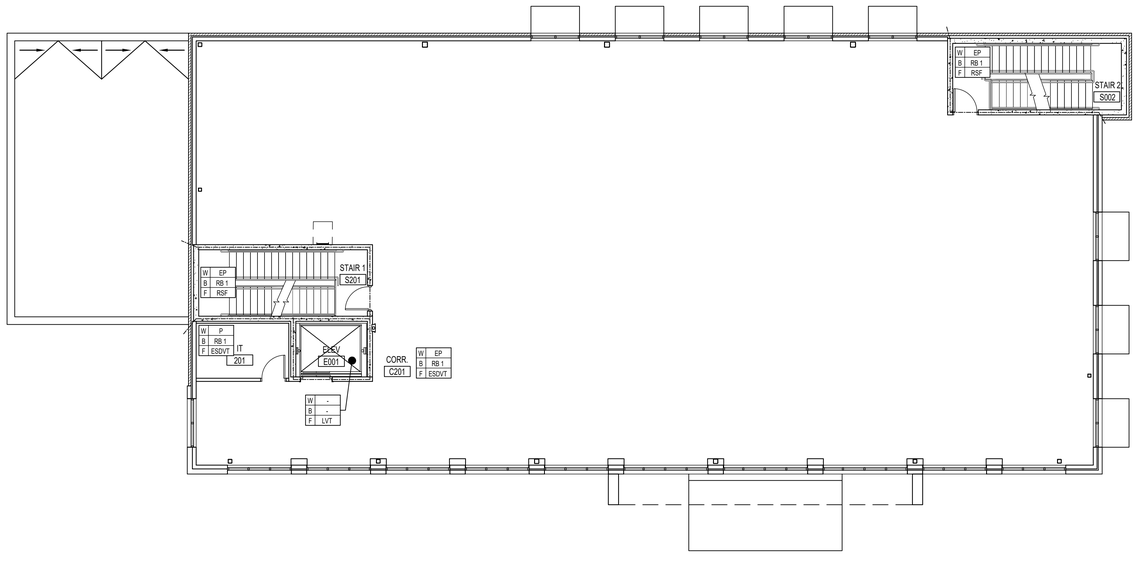
LVT 1 - WOOD PATTERN

LVT 2 - 18" X 18" PATTERN



BLACKBURN–HUNT BUILDING FIRST FLOOR FINISH PLAN

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



BLACKBURN–HUNT BUILDING SECOND FLOOR FINISH PLAN

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

FINISH LEGEND

- W P / B RB / F LVT — WALL FINISH / BASE / FLOORING
- 1 — FINISH NOTES NUMBER
- P-4 — ACCENT PAINT

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN–HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL

CRA ARCHITECTS

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Interior Designers
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SUBMITTAL

PHASE	DATE	DRAWN	CHECK
DD	2-28-25	LB	TB / SD
100% CD	7-18-25	LM	TB
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REVISIONS

#	DATE	COMMENTS
1	8-19-25	RFI 18
2		
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CRA PROJ.#: 24029

PHASE: CONSTRUCTION DOCUMENTS

SHEET TITLE
BLACKBURN-HUNT BLDG
1ST AND 2ND FLOOR FINISH PLANS

A10.3 of .

C:\PRODUCTION\24029 - FSYLC - MAIN OFFICE BUILDING - MUSEUM\DRAWINGS\DCR_DWGS\SUBMITTALS\24029 A10.3 FINISH PLAN.DWG 8/19/2025 2:14 PM CORA BRANCA

Addendum No. 1

RFI LOG Attachments

(for those RFI's with additional information/attachments included in responses)

Attachment #7

PRE-BID RFI #020

Silt Fence/Construction Entrance/Inlet Protection Clarifications

*See also "Files/PRE-BID RFI's in Building Connected for Official Documentation.

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RFI #PRE-BID-20: Silt Fence/Construction Entrance/Inlet Protection Clarifications

Revision	0	**Status**	Closed on 08/20/25
To	Shay Divsalar (Clemons, Rutherford & Associates)	**From**	Suzanna Thomas (Ajax Building Company (HQ-Midway))
Date Initiated	Aug 20, 2025	**Due Date**	Aug 25, 2025
Location		**Project Stage**	Pre-Construction
Cost Impact		**Schedule Impact**	
Spec Section		**Cost Code**	
Drawing Number		**Reference**	
Linked Drawings			
Received From	Suzanna Thomas (Ajax Building Company (HQ-Midway))		
Copies To			

Activity

Question

Question from Suzanna Thomas Ajax Building Company (HQ-Midway) *on Wednesday, Aug 20, 2025 at 12:39 PM EDT*

Please provide detail to show what type of silt fence, construction entrance or inlet protection.

Official Response

Response from Suzanna Thomas Ajax Building Company (HQ-Midway) *on Wednesday, Aug 20, 2025 at 12:43 PM EDT*

See attached official response for records.

Attachments
RFI#020_PRE-BID_Sitework Clarifications_Response.pdf

Suzanna Thomas

From: Shay Divsalar <sdivsalar@craarchitects.com>
Sent: Monday, August 18, 2025 4:00 PM
To: Suzanna Thomas
Cc: Mike Imbler
Subject: FW: Florida Sheriff's youth learning center
Attachments: INLET PROTECT.pdf; Construction Entrance Detail.pdf; SILT FENCE TYPE 4.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

EXTERNAL EMAIL

Please see attached.

Shay Divsalar
Clemons Rutherford & Associates Architects
2027 Thomasville Road | Tallahassee, FL 32308
(850) 385-6153 Office | (850) 545-0660 Cell

From: Daniel Simone <dsimone@ucceng.com>
Sent: Monday, August 18, 2025 3:47 PM
To: Shay Divsalar <sdivsalar@craarchitects.com>; Sean Marston <smarston@ucceng.com>; Jeremy.Barrentine@cpspipe.com
Cc: Thomas Whitaker <twhitaker@ucceng.com>
Subject: RE: Florida Sheriff's youth learning center

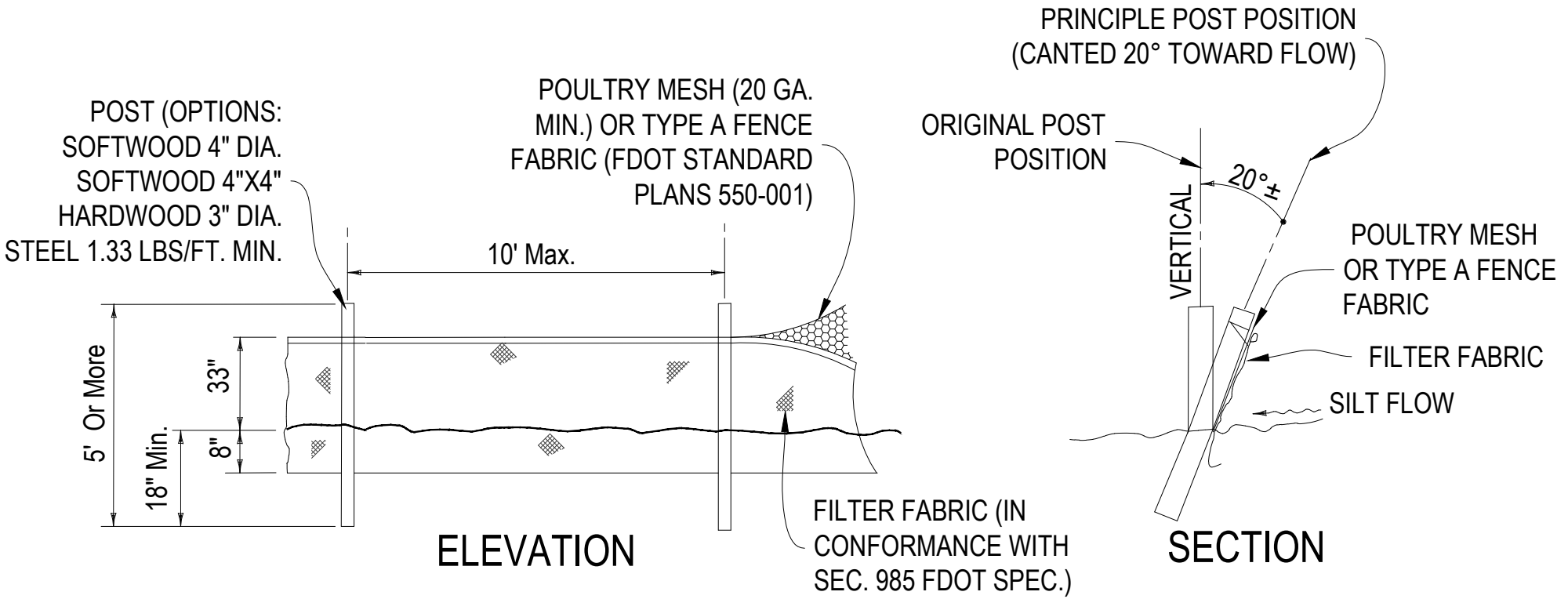
Sitl fencing will be type IV silt fence.

Details of Silt Fence, Inlet Protection, and Construction Entrance have been included with this email.

Please let me know if you have any questions or need additional information.

Thanks,

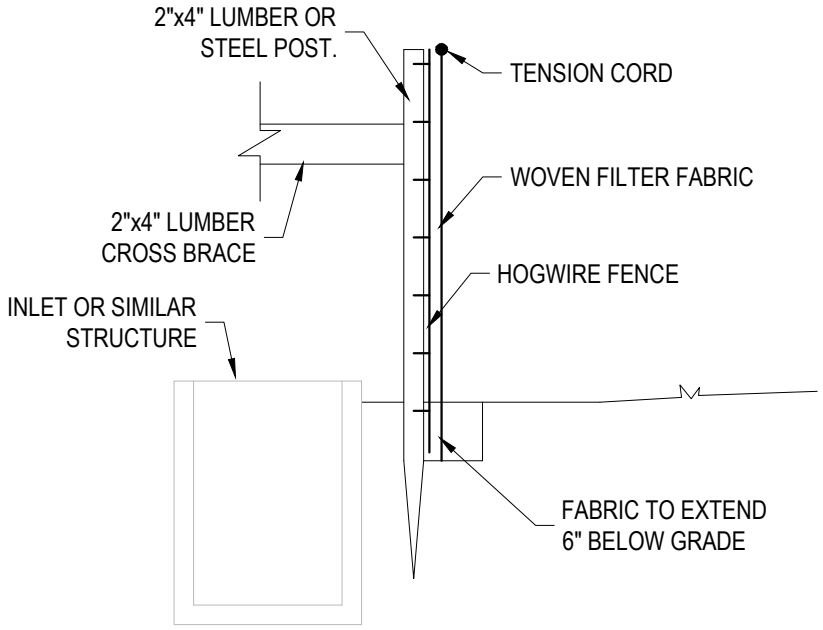
Daniel Simone
Urban Catalyst Consultants, Inc.
2851 Remington Green Circle; Ste D | Tallahassee, FL 32308
Tel: (850) 999-4241 ext. 7 | Cell: (850) 567-5036



TYPE IV SILT FENCE

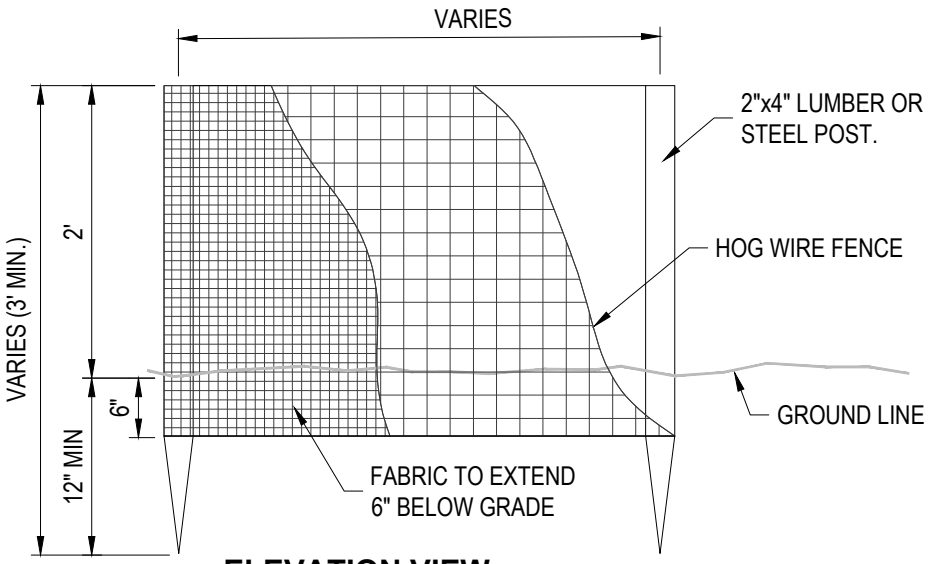
NOT TO SCALE

- DIG A 6" X 6" TRENCH AT DESIRED FENCE LOCATION.
- UNROLL SILT FENCE ALONG TRENCH. (SILT-LOK, ENVIROFENCE, OR ENGINEER-APPROVED EQUAL)
- DRIVE STAKE INTO THE DOWNHILL SIDE OF TRENCH W/FILTER FABRIC FACING UPHILL SIDE.
- STAPLE HOGWIRE TO POSTS, EXTENDING FROM TOP OF POSTS TO BOTTOM OF TRENCH.
- LAY THE BOTTOM 6" OF FABRIC INTO THE TRENCH AND FILL W/SOIL FOR PROPER TOE-IN.
- DRAW TENSION CORD AT TOP OF FENCE.

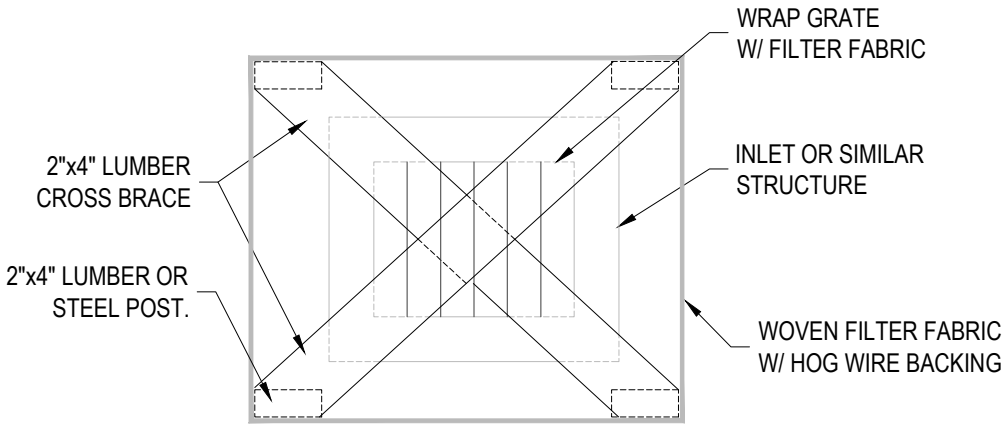


SECTION

NOTE:
STAKES OF OTHER MATERIAL OR SHAPE PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY THE ENGINEER. STAKES OTHER THAN WOOD SHALL BE REMOVED UPON COMPLETION OF THE PROJECT. SEE FDOT INDEX NO. 102 FOR ADDITIONAL INFORMATION.



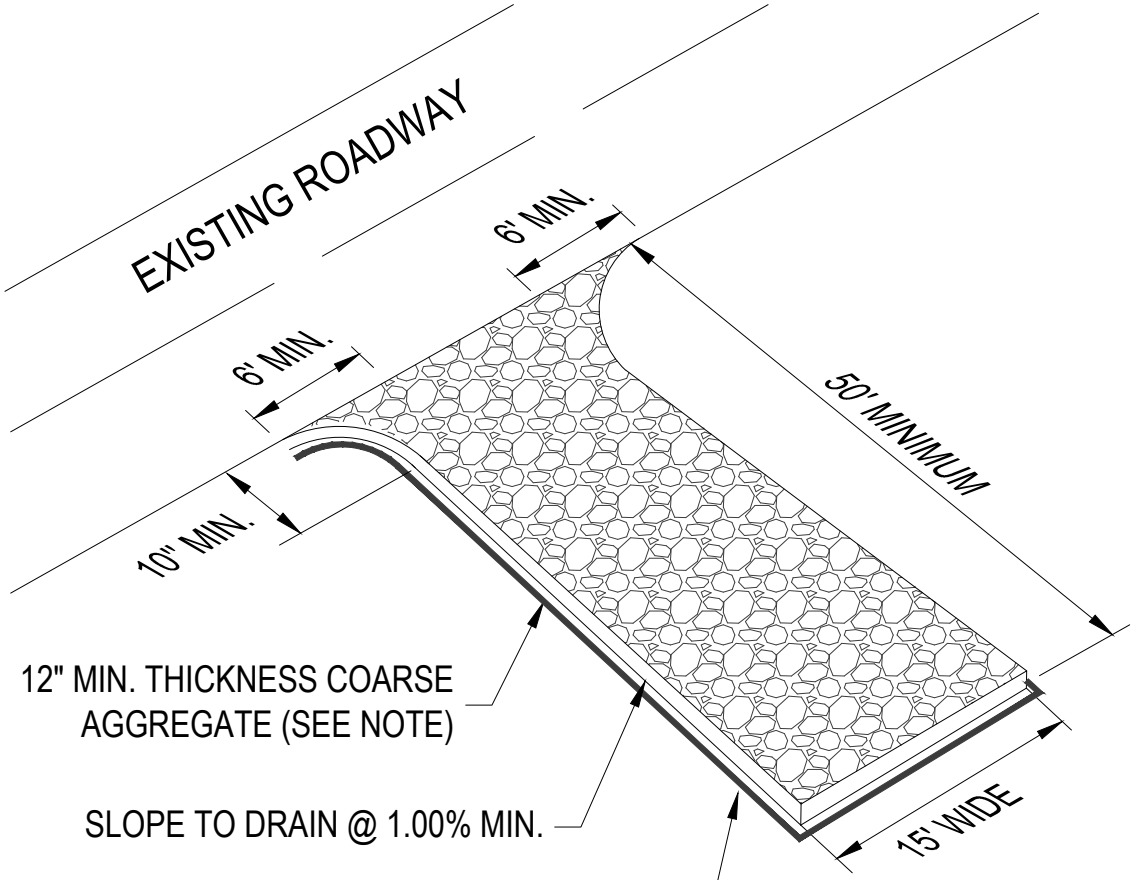
ELEVATION VIEW



PLAN

DITCH BOTTOM INLET PROTECTION

NOT TO SCALE



- THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD AND SEDIMENTS ONTO THE PUBLIC STREETS OR GUTTERS. PERIODIC TOP-DRESSING WITH STONE WILL BE NECESSARY AND AN ADEQUATE SUPPLY SHOULD BE HANDY. ANY SEDIMENTS OR MUD SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS SHALL BE RECOVERED AND CLEANED UP IMMEDIATELY

- AGGREGATE SHALL BE APPLIED IMMEDIATELY AFTER GRADING OR THE COMPLETION OF UTILITY CONSTRUCTION WITHIN THE RIGHT OF WAY.

- AGGREGATE SHALL BE SIZE #1 AS DESCRIBED IN FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 901, EXCLUDING 901-2.3.IN THE EVENT THAT #1 SIZE AGGREGATE IS NOT AVAILABLE, THE NEXT SMALLER AVAILABLE SIZE AGGREGATE MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.

- CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A MANOR CONSISTENT WITH FIGURE V-19 (SOIL TRACKING PREVENTION DEVICE) OF THE FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE

Addendum No. 1

RFI LOG Attachments

(for those RFI's with additional information/attachments included in responses)

Attachment #8

PRE-BID RFI #022

Sitework Clarifications

*See also "Files/PRE-BID RFI's in Building Connected for Official Documentation.

Ajax Building Company, LLC
1080 Commerce Blvd
Midway, Florida 32343
P: +18502249571

Project: 50000336 FSA Youth Learning Center & Blackburn-Hunt Building
2617 Mahan Drive
TALLAHASSEE, Florida 32308
P: 850-877-2165
F: 850-878-8665

RFI #PRE-BID-22: Sitework Clarifications

Revision	0	**Status**	Closed on 08/25/25
To	Shay Divsalar (Clemons, Rutherford & Associates) *(Response Required)*	**From**	Suzanna Thomas (Ajax Building Company (HQ-Midway))
Date Initiated	Aug 21, 2025	**Due Date**	Aug 26, 2025
Location		**Project Stage**	Pre-Construction
Cost Impact		**Schedule Impact**	
Spec Section		**Cost Code**	
Drawing Number		**Reference**	
Linked Drawings	C-105, C-105.1, C-103		
Received From	Suzanna Thomas (Ajax Building Company (HQ-Midway))		
Copies To			

Activity

Question

Question from Suzanna Thomas Ajax Building Company (HQ-Midway) *on Thursday, Aug 21, 2025 at 12:14 PM EDT*

1. SWMF Walls
    1. C-105 shows (2) SWMF walls.
        1. YLC SWMF
            1. Please update detail to provide dimensions.
        2. BBH SWMF
            1. Please provide a detail to include dimensions of the SWMF.
2. Dumpster Pad - *Assumption Concrete*
    1. C103 shows dumpster pad as asphalt.
    2. A1.3 and others show the dumpster pad as concrete.
    3. Please confirm intent is concrete.
3. Mounded Sand Filter
    1. C105.1 Grading Plan and SWMF Detail indicates a mounded sand filter be installed in the SWMF. Please update detail/specifications to include specifications (size, etc.)
4. Roof Drains
    1. Please provide a detail to include size of pipe coming off the 6” HDPE locations to be stubbed up for the down spouts to tie into.

Official Response

Response from Shay Divsalar Clemons, Rutherford & Associates *on Monday, Aug 25, 2025 at 03:49 PM EDT*

Please see attached.

Attachments
24048.00-FSA-RFI-8.22.25.pdf

Official Response

Response from Suzanna Thomas Ajax Building Company (HQ-Midway) *on Monday, Aug 25, 2025 at 02:51 PM EDT*

Sheet # C-103 duplicated (Site Layout Plan & Grading Plan). CRA to provide clarifications.

Official Response

Response from Shay Divsalar Clemons, Rutherford & Associates *on Monday, Aug 25, 2025 at 12:54 PM EDT*

Please see attached.

Attachments
24048.00-FSA-RFI-8.22.25.pdf

*Initial attachments are not attached here for clarification purposes. The corrected sheets based on final official response are attached for your records.

30 0 15 30
1 Inch = 30 Feet

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1. ACCESSIBLE PARKING spaces shall be located on an accessible route no less than 44" wide so that users will not be compelled to walk or wheel behind parked vehicles except behind his or her own vehicle. Re: §208.3 & §502.3, FBC-A and F.S. 553.5041. -
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3. ACCESSIBLE PARKING spaces shall be 12 ft wide & outlined with blue paint. §502.2 & §502.6 FBC-A,
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6. ACCESSIBLE PARKING IDENTIFICATION signs shall be FDOT approved and shall read 'PARKING BY DISABLED PERMIT ONLY' and shall indicate a $250 fine for illegal use. Install signs a *minimum 60 inches* from the ground to the bottom of the sign(s). Re: §502.6 FBC-A and F.S 553.5041.
7. CURB RAMPS shall not exceed 1:12 slope, and curb ramp flares shall not exceed 1:10 slope. Curb ramps and flared sides shall not encroach upon parking spaces, access aisles, or vehicular traffic lanes. The counter slope of adjacent road surfaces & gutters shall not exceed 1:20. Re: §405.2 & §406., FBC-A
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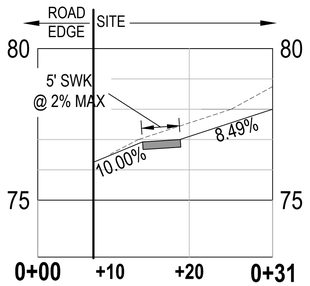
WEST DRIVEWAY ENTRANCE



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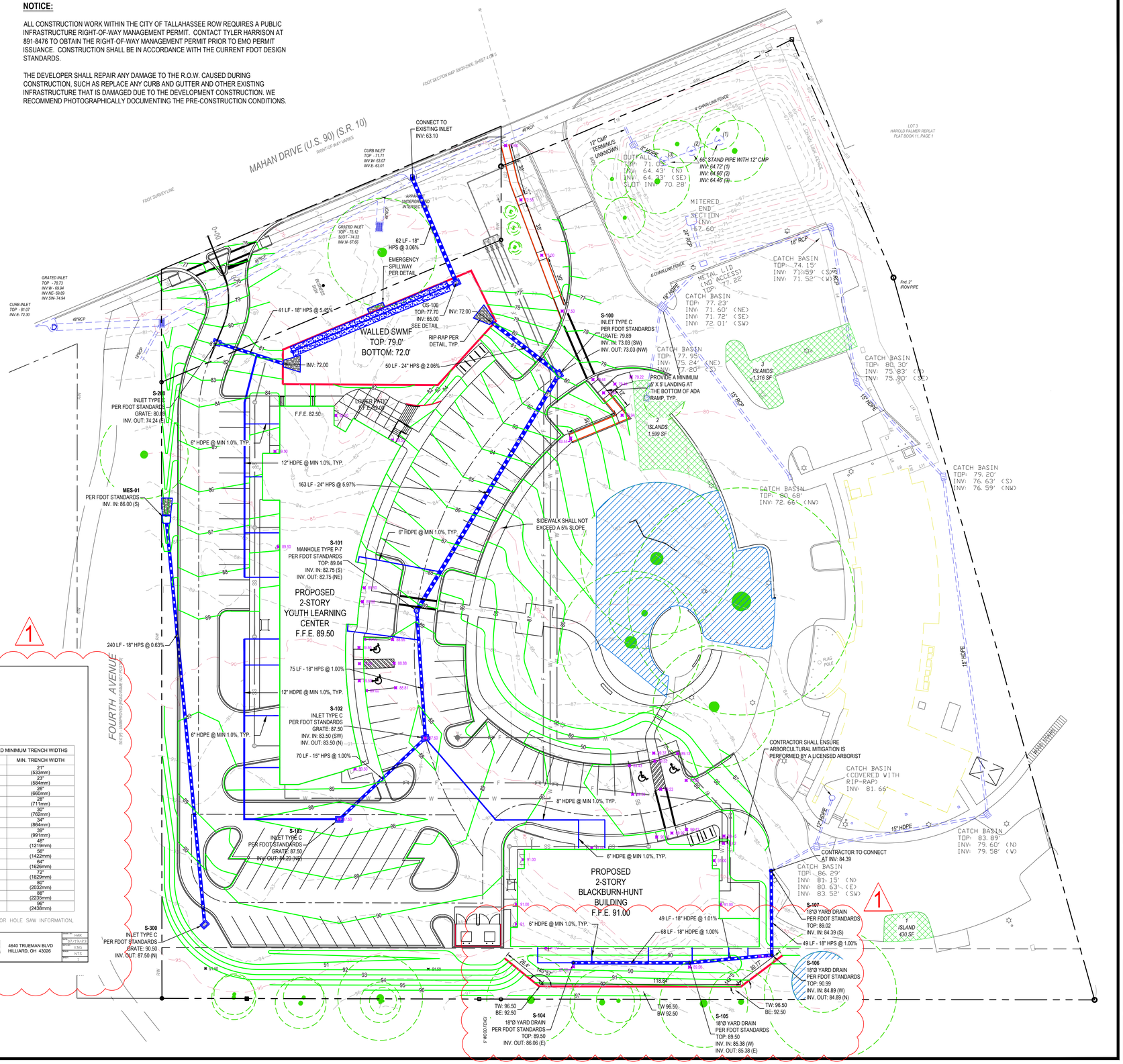
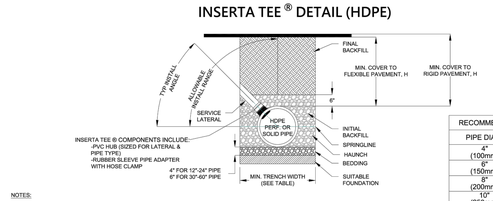


INSERTA TEE® DETAIL (HDPE)



RECOMMENDED MINIMUM TRENCH WIDTHS	
PIPE DIAM.	MIN. TRENCH WIDTH
4" (100mm)	21" (533mm)
6" (150mm)	23" (584mm)
8" (200mm)	26" (660mm)
10" (250mm)	28" (711mm)
12" (300mm)	30" (762mm)
15" (375mm)	34" (864mm)
18" (450mm)	39" (991mm)
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60" (1500mm)	96" (2438mm)

NOTES:

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INSERTA TEE DETAIL (HDPE)	ADS 4640 TRUEMAN BLVD HILLIARD, OH 43026
DRAWING NUMBER STD-1011	DRAWN BY: HAK 07/19/23 CHK'D: ENG. SCALE: NTS REV: 1

URBAN CATALYST CONSULTANTS, INC.
2851 REMINGTON GREEN CIRCLE
TALLAHASSEE, FLORIDA, 32308
PHONE: (850) 999-4241
WWW.UCCENG.COM
FL CA 00030572

DATE	BY	REVISIONS
8/22/25	SKM	RFI REVISIONS

FLORIDA SHERIFFS ASSOCIATION EXPANSION
GRADING PLAN
LEON COUNTY FLORIDA

SEAN K. MARSTON, P.E.
LICENSE NUMBER 59987

DRAWN BY:	T.H.W.
CHECKED BY:	S.K.M.
DATE:	05/16/2025

SHEET C-103
PROJECT No. 24048.00

August 22, 2025 [14:28:27 EST]
F:\24048.00 - FLORIDA SHERIFFS ASSOC- EXPANSION\CAD\SITE PLAN\24048.00 GRADING PLAN.dwg

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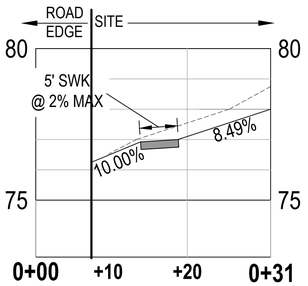

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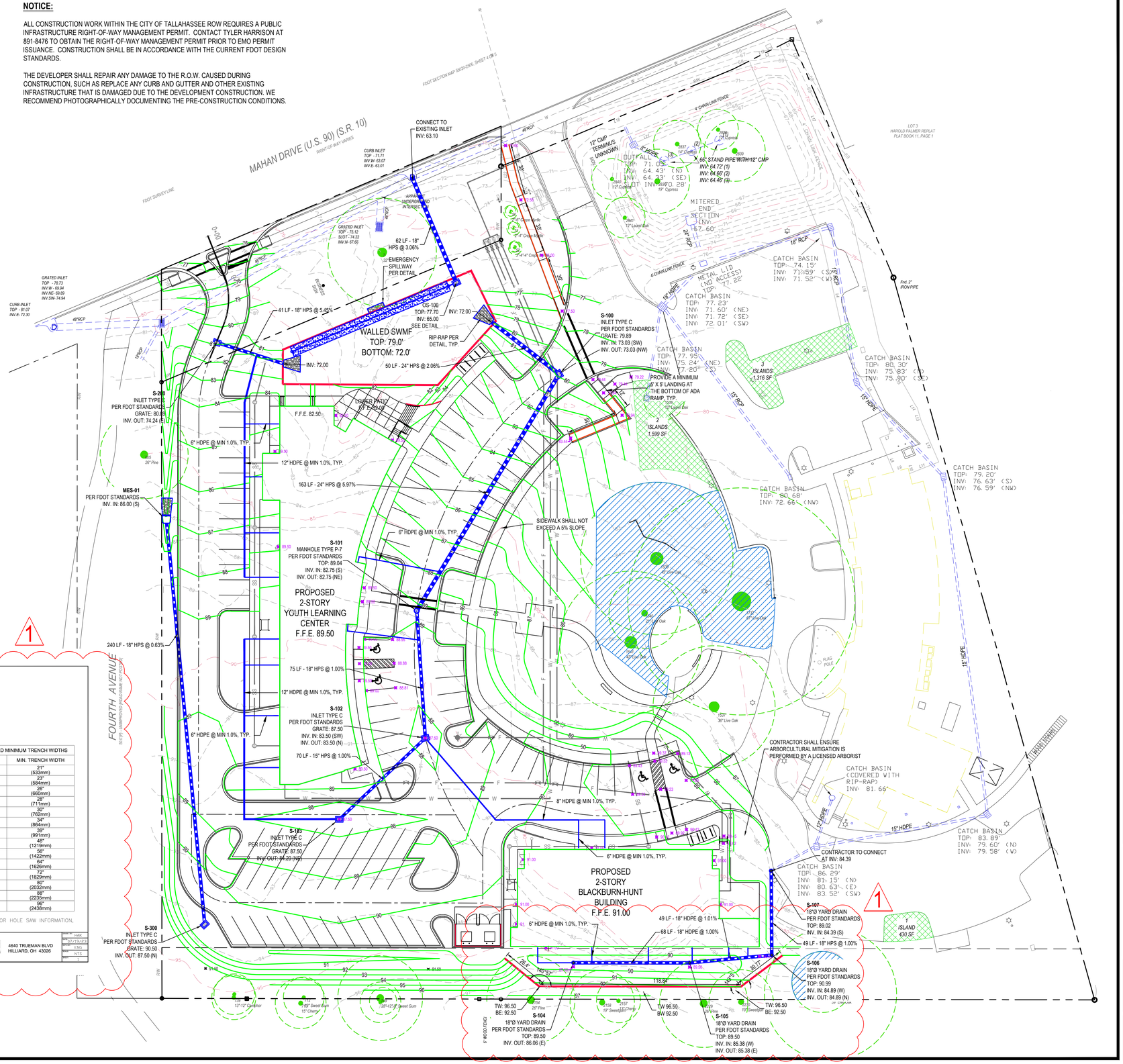
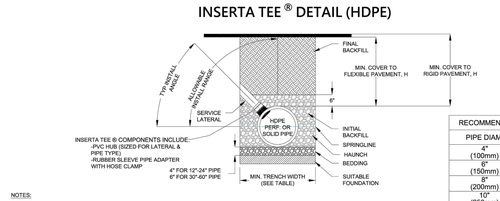


INSERTA TEE® DETAIL (HDPE)



INSERTA TEE ® COMPONENTS INCLUDE:
- PVC HUB (SIZED FOR LATERAL & PIPE TYPE)
- RUBBER SLEEVE PIPE ADAPTER WITH HOSE CLAMP

4" FOR 12"-24" PIPE
6" FOR 30"-60" PIPE

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INSERTA TEE DETAIL (HDPE)	ADS 4640 TRUEMAN BLVD HILLIARD, OH 43026	DRAWN BY: HAK	07/19/23
		ENG.	
DRAWING NUMBER STD-1011		SCALE: NTS	
		REV.	1

URBAN CATALYST CONSULTANTS, INC.
2851 REMINGTON GREEN CIRCLE
TALLAHASSEE, FLORIDA, 32308
PHONE: (850) 999-4241
WWW.UCCENG.COM
FL CA 00030572

DATE	BY	REVISIONS
8/22/25	SKM	RFI REVISIONS

FLORIDA SHERIFFS ASSOCIATION EXPANSION
GRADING PLAN
LEON COUNTY FLORIDA

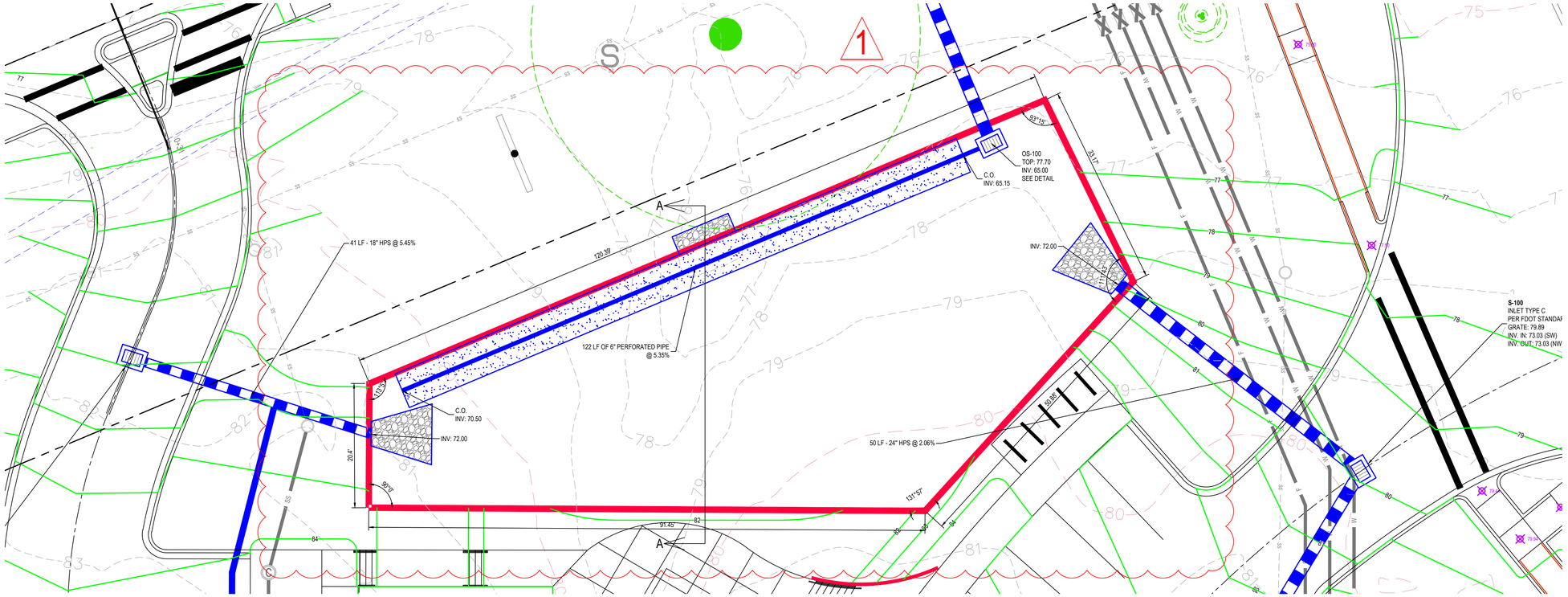
SEAN K. MARSTON, P.E.
LICENSE NUMBER 59987

DRAWN BY:	D.I.S.
CHECKED BY:	S.K.M.
DATE:	07/11/2025

SHEET	C-105
PROJECT No.	24048.00

August 25, 2025 (15:02:07 EST)
F:\24048.00 - FLORIDA SHERIFFS ASSOC- EXPANSION\CAD\SITE PLAN\24048.00 GRADING PLAN.dwg

10 0 5 10
1 Inch = 10 Feet



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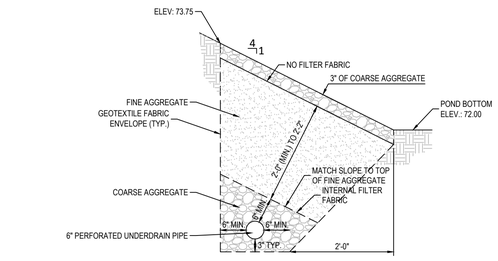
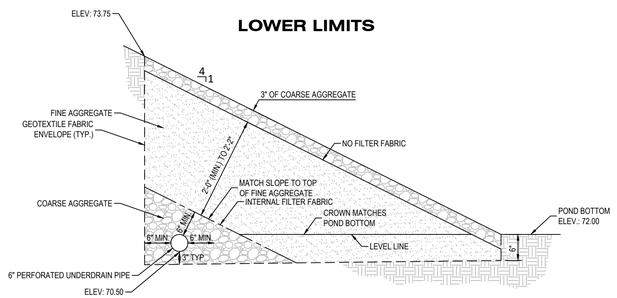


LOWER LIMITS



UPPER LIMITS

FDOT INDEX 440-001 SIDE BANK SAND FILTER DETAIL

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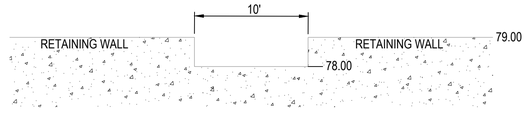

EMERGENCY SPILLWAY

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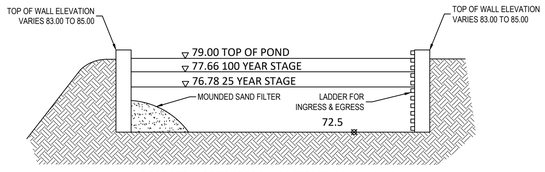

POND CROSS SECTION A-A

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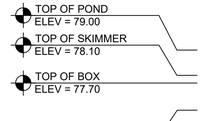

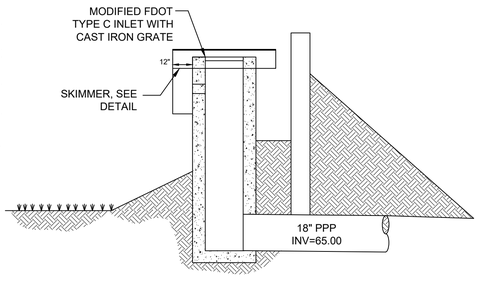

CONTROL STRUCTURE OS-100 DETAIL

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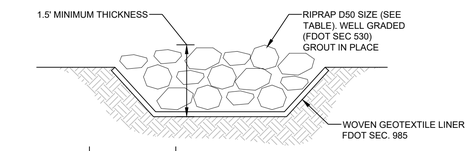
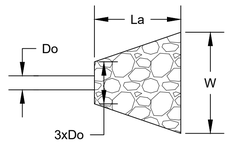




RIP RAP SIZING				
OUTFALL	Do	La	W	D50
A-1	7.5'	12'	14.5'	6"
B-1	7.5'	12'	14.5'	6"
C-1	7.5'	12'	14.5'	6"

RIP RAP DETAIL

N.T.S.

URBAN CATALYST CONSULTANTS, INC.
2851 REMINGTON GREEN CIRCLE
TALLAHASSEE, FLORIDA, 32308
PHONE: (850) 999-4241
WWW.UCCENG.COM
FL CA 00030572

DATE	BY	REVISIONS
8/22/25	SKM	RFI REVISIONS

FLORIDA SHERIFFS ASSOCIATION EXPANSION

SWMF DETAIL SHEET

LEON COUNTY FLORIDA

SEAN K. MARSTON, P.E.
LICENSE NUMBER 59987

DRAWN BY:	D.I.S.
CHECKED BY:	S.K.M.
DATE:	07/11/2025

SHEET C-105.1
PROJECT No. 24048.00

August 22, 2025 (11:26:58 EST)
F:\24048.00 - FLORIDA SHERIFFS ASSOC. EXPANSION\CAD\SITE PLAN\24048.00 SWMF DETAILS.DWG

Addendum No. 1

RFI LOG Attachments

(for those RFI's with additional information/attachments included in responses)

Attachment #9

PRE-BID RFI #023

080500-Door Schedule

*See also "Files/PRE-BID RFI's in Building Connected for Official Documentation.

Ajax Building Company, LLC
1080 Commerce Blvd
Midway, Florida 32343
P: +18502249571

Project: 50000336 FSA Youth Learning Center & Blackburn-Hunt Building
2617 Mahan Drive
TALLAHASSEE, Florida 32308
P: 850-877-2165
F: 850-878-8665

RFI #PRE-BID-23: 080500-Door Schedule

Revision	0	**Status**	Closed on 08/25/25
To	Shay Divsalar (Clemons, Rutherford & Associates) *(Response Required)*	**From**	Suzanna Thomas (Ajax Building Company (HQ-Midway))
Date Initiated	Aug 22, 2025	**Due Date**	Aug 27, 2025
Location		**Project Stage**	Pre-Construction
Cost Impact		**Schedule Impact**	
Spec Section	080500 - DOOR SCHEDULE	**Cost Code**	
Drawing Number	A7.2	**Reference**	
Linked Drawings	A7.2		
Received From	Mike Imbler (Ajax Building Company (HQ-Midway))		
Copies To			

Activity

Question

Question from Suzanna Thomas Ajax Building Company (HQ-Midway) *on Friday, Aug 22, 2025 at 10:18 AM EDT*

The current door schedule only appears to be thru Room 208 for the BBH.

Per frame elevations call outs on A7.2 the referenced Room #'s do not match the Door Schedule. Please provide the following updates to either A7.2 and/or the Door Schedule (& others as needed):

- SF2 Frames at Offices 206, 214, 215, 216
- SF3 Frames at Offices 206, 214, 215, 216
- SF4 Frame at Conference 217

Ex. Conflict: Door schedule provides (1) SF2 frame at door 101 and (1) SF3 frame at door 206.

***Please also update A7.2 with an SF1 detail.**

Note: See also RFI #003 (Architectural, Item #9 Response)
9. Door Schedule
*a. Door Schedule – **please confirm Key/Legend for Type/Material/Finish, etc.***
CRA Response for reference: Sorry, two pages of the door schedule didn't get in the 100% CDs. Will issue them as addendum. (CRA)
It appears we still need the remaining (2) pages in reference to the BBH on 080500.

Official Response

Response from Shay Divsalar Clemons, Rutherford & Associates *on Monday, Aug 25, 2025 at 11:07 AM EDT*

Please see attached.

SF 1 is on sheet A7.1. We changed the title only. Also, we adjusted the note for SF2 on sheet A7.2.

Attachments
24029 CD A7.2 DR WIN.RFI 23pdf.pdf, 24029 CD A7.1 DR WIN.RFI 23pdf.pdf

Official Response

Response from Shay Divsalar Clemons, Rutherford & Associates *on Friday, Aug 22, 2025 at 11:26 AM EDT*

SF2, SF3 and SF4 are shown on sheet A7.2
Please see attached.

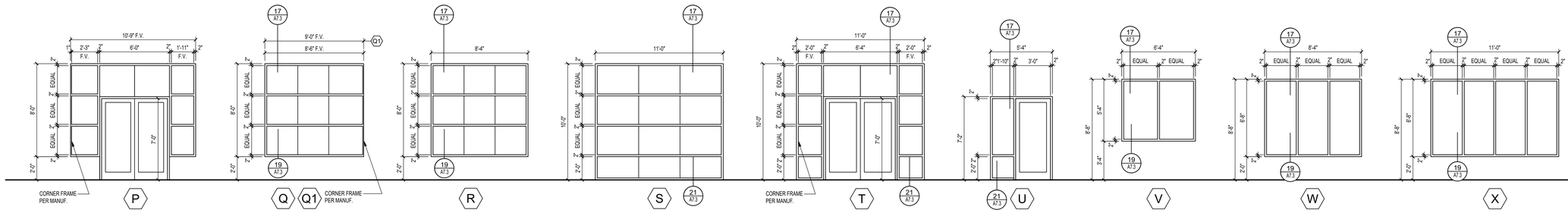
Attachments
24029 CD A7.2 DR WIN.pdf

Official Response

Response from Shay Divsalar Clemons, Rutherford & Associates *on Friday, Aug 22, 2025 at 11:18 AM EDT*

Please see attached.

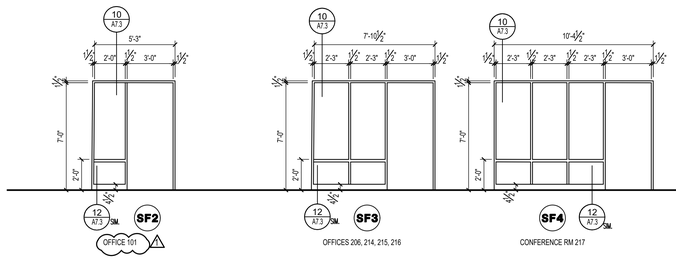
Attachments
080500 DOOR SCHEDULE - FSA.pdf



BLACKBURN-HUNT BLDG.

EXTERIOR STOREFRONT WINDOW / DOOR FRAME ELEVATIONS

SCALE: 1/4"=1'-0"



YOUTH LEARNING CENTER

BLACKBURN-HUNT BLDG

INTERIOR SF WINDOW ELEVATIONS

SCALE: 1/4"=1'-0"

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN-HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL

CRA ARCHITECTS

Clemons, Rutherford & Associates Inc.

Architects
Planners
Interior Designers
Construction Managers

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PHASE	DATE	DRAWN	CHECK
DD	2-28-25	R. SHAH	S. DIVSALAR
50% CD	4-15-25	R. SHAH	S. DIVSALAR
100% CD	7-18-25	R. SHAH	S. DIVSALAR
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REVISIONS

#	DATE	COMMENTS
1	8-25-25	RFI #23
2		
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CRA PROJ.#: 24029

PHASE: **CONSTRUCTION DOCUMENTS**

SHEET TITLE
YOUTH LEARNING CENTER & BLACKBURN-HUNT DOOR & WINDOW ELEVATIONS & DETAILS

A7.2 of .

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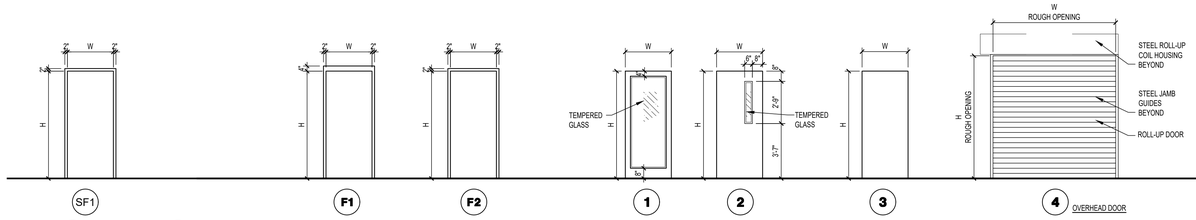


STOREFRONT / CW DOOR FRAME ELEV.

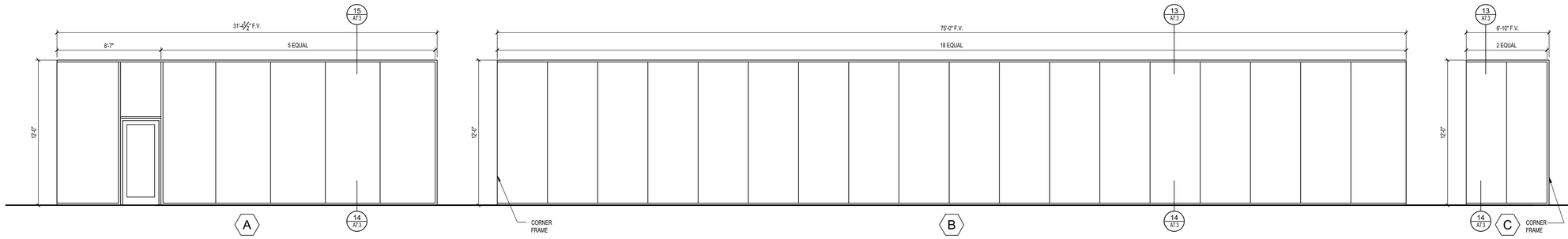
SCALE: 1/4"=1'-0"

HOLLOW METAL DOOR FRAME ELEVATIONS

SCALE: 1/4"=1'-0"

DOOR ELEVATIONS

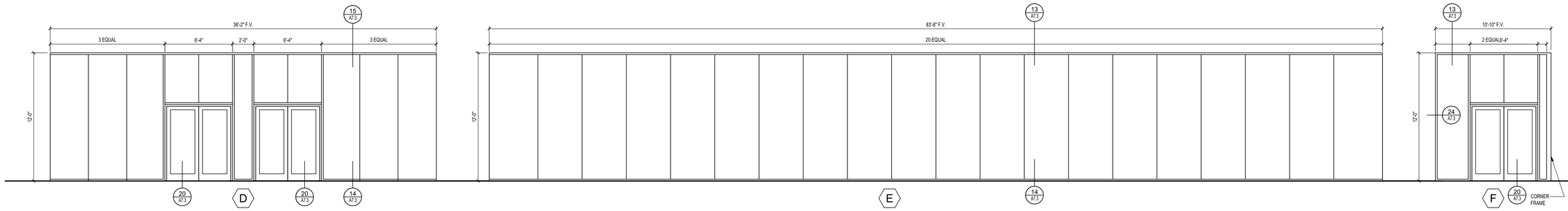
SCALE: 1/4"=1'-0"



YOUTH LEARNING CENTER

EXTERIOR CURTAINWALL WINDOW / DOOR FRAME ELEVATIONS

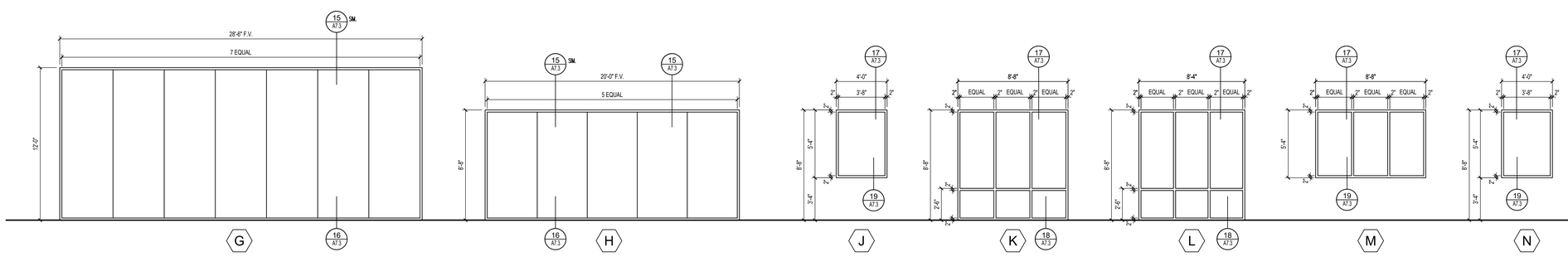
SCALE: 1/4"=1'-0"



YOUTH LEARNING CENTER

EXTERIOR CURTAINWALL WINDOW / DOOR FRAME ELEVATIONS

SCALE: 1/4"=1'-0"



YOUTH LEARNING CENTER

EXTERIOR CURTAINWALL WINDOW / DOOR FRAME ELEVATIONS

SCALE: 1/4"=1'-0"

YOUTH LEARNING CENTER

EXTERIOR STOREFRONT WINDOW FRAME ELEVATIONS

SCALE: 1/4"=1'-0"

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN-HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL

CRA ARCHITECTS

Clemons, Rutherford & Associates Inc.

Architects
Planners
Interior Designers
Construction Managers

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Tallahassee, Florida 32308

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100% CD	7-18-25	R. SHAH	S. DIVSALAR
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CRA PROJ.#: 24029

PHASE: **CONSTRUCTION DOCUMENTS**

SHEET TITLE
YOUTH LEARNING CENTER & BLACKBURN-HUNT DOOR & WINDOW ELEVATIONS & DETAILS

A7.1 of .

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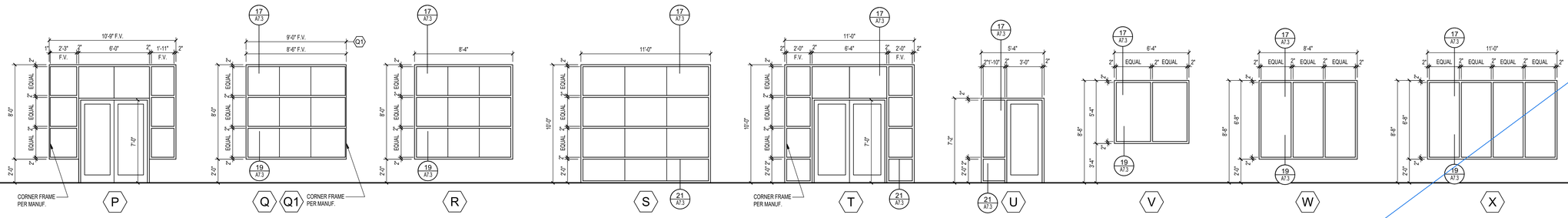
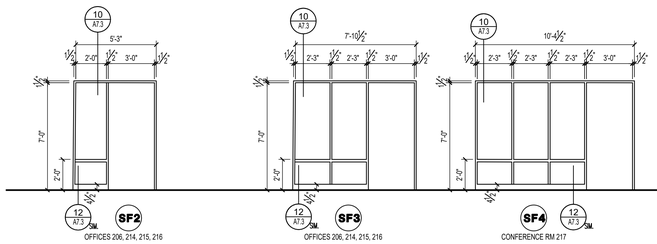


BLACKBURN-HUNT BLDG.

EXTERIOR STOREFRONT WINDOW / DOOR FRAME ELEVATIONS

SCALE: 1/4"=1'-0"



YOUTH LEARNING CENTER BLACKBURN-HUNT BLDG

INTERIOR SF WINDOW ELEVATIONS

SCALE: 1/4"=1'-0"

See Revised A7.2 Above

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN-HUNT BUILDING

MAHAN DRIVE TALLAHASSEE, FL

CRA ARCHITECTS

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A7.2 of .

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SECTION 080500 - DOOR SCHEDULE

ROOM NAME	ROOM No.	MARK	SIZE WxHxT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	THRESH	LBL	MARK	HDWR No.	DETAIL	NOTES / REMARKS
YOUTH LEARNING CENTER															
YOUTH LEARNING CENTER - FIRST FLOOR															
LOBBY	100	100	PR 3'-0" x 8'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100	1		EXT., CR
LOBBY	100	100A	PR 3'-0" x 8'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100A	1		EXT., CR
LOBBY	100	100B	PR 3'-0" x 8'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100B	1		EXT., CR
LOBBY	100	100C	3'-0" x 8/'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100C	2		EXT., CR
OFFICE	101	101	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	SF2	ALUM	ANOD			101	13		CR, 6" WD TRIM
IT	102	102	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			102	13		CR
ELECTRICAL ROOM	103	103	3'-0" x 7'-0" x 1 3/4"	3	HM	PT	F1	HM	PT			103	4		EXT., CR
WOMEN'S TOILET	104	104	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			104	20		
MEN'S TOILET	105	105	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			105	20		
JANITOR'S CLOSET	106	106	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			106	13		CR
PROJECTOR ROOM	107	107	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			107	13		CR
MOVIE THEATER	108	108	PR 3'-0" x 7'-0" x 1 3/4"	3	HM	PT	F1	HM	PT			108	3		EXT., CR
MOVIE THEATER	108	108A	PR 3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT		1 HR	108A	7.1		SOUND/ STC 50
VESTIBULE	111	111	3'-0" x 7'-0" x 1 3/4"	2	HM	ST	F1	HM	PT			111	5		EXT., CR
VESTIBULE	111	111A	12'-0" X 12'-0"	4	STL	PT		STL	PT			111A	21		ROLL-UP
VESTIBULE	111	111B	14'-0 X 14'-0"	MANUF	MANUF			MANUF	MANUF			111B	22		FOLDING PARTITION
SUPPORT STORAGE	112	112	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			112	13		CR
STAIR 2	S102	S102	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S102	11		CR
STAIR 3	S103	S103	3'-0" x 7'-0" x 1 3/4"	2	HM	PT	F1	HM	PT			S103	4		EXT., CR
STAIR 3	S103	S103A	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S103A	12		
YOUTH LEARNING CENTER - SECOND FLOOR															
CORRIDOR	C201	C201	PR 3'-0" x 7'-0" x 1 3/4"	1	WD	ST	F2	HM	PT			C201	6		CR
CONFERENCE ROOM	200	200	PR 3'-0" x 7'-0" x 1 3/4"	1	WD	ST	F2	HM	PT			200	10		
IT	201	201	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			201	13		CR
ELECTRICAL ROOM	202	202	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			202	14		CR
STORAGE	203	203	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT		1 HR	203	15		CR
WOMEN'S TOILET	204	204	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			204	20		

SECTION 080500 - DOOR SCHEDULE

ROOM NAME	ROOM No.	MARK	SIZE WxHxT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	THRESH	LBL	MARK	HDWR No.	DETAIL	NOTES / REMARKS
MEN'S TOILET	205	205	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			205	20		
DRIVING SIMULATOR	206	206	PR 3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			206	7		SOUND/ STC 50
LIBRARY/ CLASSROOM	207	207	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT			207	16		
LIBRARY/ CLASSROOM	207	207A	PR 3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT			207A	9		
LIBRARY/ CLASSROOM	207	207B	10'-0" H	MANUF	MANUF			MANUF	MANUF			207B	22		FOLDING PARTITION
OFFICE	208	208	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			208	17		
OFFICE	209	209	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			209	17		
OFFICE	210	210	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			210	17		
OFFICE	211	211	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			211	17		
OFFICE	212	212	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			212	17		
BREAK ROOM	213	213	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT			213	19		
SUPPORT	214	214	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			214	17		
MEN'S TOILET	215	215	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			215	18		
WOMEN'S TOILET	216	216	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			216	20		
JANITOR'S CLOSET	217	217	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			217	13		CR
OFFICE	218	218	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			218	17		
OFFICE	219	219	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			219	17		
STORAGE	220	220	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT		1 HR	220	15		CR
MULTI-PURPOSE/ DISPATCH TRAINING	221	221	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			221	8		SOUND/ STC 50
ACTIVE SHOOTER SIMULATOR	222	222	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			222	8		SOUND/ STC 50
STAIR 2	S202	S202	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S202	12		
STAIR 3	S203	S203	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S203	12		
BLACKBURN-HUNT															
BLACKBURN-HUNT - FIRST FLOOR															
CORRIDOR	C101	C101	3'-0" x 7'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			C101	24		EXT., CR
LOBBY	100	100	PR 3'-0" x 7'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100	23		EXT., CR
LOBBY	100	100A	PR 3'-0" x 7'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100A	23		EXT., CR
LOBBY	100	100B	PR 3'-0" x 7'-0" x 1 3/4"	1	ALUM	ANOD.	SF1	ALUM	ANOD			100B	23		EXT., CR
JANITOR'S CLOSET	101	101	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			101	33		CR

SECTION 080500 - DOOR SCHEDULE

ROOM NAME	ROOM No.	MARK	SIZE WxHxT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	THRESH	LBL	MARK	HDWR No.	DETAIL	NOTES / REMARKS
MEN'S TOILET	102	102	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			102	38		
WOMEN'S TOILET	103	103	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			103	38		
STORAGE	104	104	PR 3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT		1 HR	104	28		CR
MULTI-PURPOSE	105	105	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT		1 HR	105	31		
MULTI-PURPOSE	105	105A	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT		1 HR	105A	31		
MULTI-PURPOSE	105	105B	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT		1 HR	105B	31		
KITCHENETTE	106	106	3'-0" x 7'-0" x 1 3/4"	3	HM	PT	F1	HM	PT			106	27		EXT., CR
KITCHENETTE	106	106A	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT		1 HR	106A	35		
KITCHENETTE	106	106B	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT		1 HR	106B	35		
ELECTRICAL/ MECHANICAL	107	107	3'-0" x 7'-0" x 1 3/4"	3	HM	PT	F1	HM	PT			107	25		EXT., CR
STORAGE	108	108	PR 3'-0" x 7'-0" x 1 3/4"	3	HM	PT	F1	HM	PT			108	26		EXT., CR
STAIR 1	S101	S101	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S101	30		CR
STAIR 2	S102	S102	7'-4" x 7'-0" x 1 3/4"	2	HM	PT	F1	HM	PT			S102	25		EXT., CR
BLACKBURN-HUNT - SECOND FLOOR															
CORRIDOR	C202	C202	3'-0" x 7'-0" x 1 3/4"	2	WD		F2	HM	PT			C202	37		
MULTI-PURPOSE/ CLASSROOMS	200	200	3'-0" x 7'-0" x 1 3/4"	2	WD		F2	HM	PT		1 HR	200	35		
MULTI-PURPOSE/ CLASSROOMS	200	200A	3'-0" x 7'-0" x 1 3/4"	2	WD		F2	HM	PT		1 HR	200A	35		
IT	201	201	3'-0" x 7'-0" x 1 3/4"	3	WD		F2	HM	PT			201	33		CR, **BASE BID**
STORAGE	202	202	3'-0" x 7'-0" x 1 3/4"	3	WD		F2	HM	PT			202	33		CR
MEN'S TOILET	203	203	3'-0" x 7'-0" x 1 3/4"	3	WD		F2	HM	PT			203	38		
MEN'S SHOWER	203	203A	2'-8" x 7'-0" x 1 3/4"	3	FG	-	-	HM	PT			203A	36		
MEN'S SHOWER	203	203B	2'-8" x 7'-0" x 1 3/4"	3	FG	-	-	HM	PT			203B	36		
WOMEN'S TOILET	204	204	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			204	38		
WOMEN'S SHOWER	204	204A	2'-8" x 7'-0" x 1 3/4"	3	FG	-	-	HM	PT			204A	36		
WOMEN'S SHOWER	204	204B	2'-8" x 7'-0" x 1 3/4"	3	FG	-	-	HM	PT			204B	36		
JANITOR'S CLOSET	205	205	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			205	33		CR
OFFICE	206	206	3'-0" x 7'-0" x 1 3/4"	1	WD	ST	SF3	ALUM	ANOD			206	34		
STORAGE	207	207	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT		1 HR	207	33.1		CR
OFFICE	208	208	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			208	34		

SECTION 080500 - DOOR SCHEDULE

ROOM NAME	ROOM No.	MARK	SIZE WxHxT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	THRESH	LBL	MARK	HDWR No.	DETAIL	NOTES / REMARKS
OFFICE	209	209	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			209	34		
OFFICE	210	210	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			210	34		
OFFICE	211	211	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			211	34		
BREAK ROOM	212	212	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F2	HM	PT			212	37		
CLOSET	213	213	PR 3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			213	29		
OFFICE	214	214	3'-0" x 7'-0" x 1 3/4"	1	WD	ST	SF3	ALUM	ANOD			214	34		
OFFICE	215	215	3'-0" x 7'-0" x 1 3/4"	1	WD	ST	SF3	ALUM	ANOD			215	34		
OFFICE	216	216	3'-0" x 7'-0" x 1 3/4"	1	WD	ST	SF3	ALUM	ANOD			216	34		
CONFERENCE ROOM	217	217	3'-0" x 7'-0" x 1 3/4"	1	WD	ST	SF4	ALUM	ANOD			217	34		
CONFERENCE ROOM	217	217A	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			217A	34		
STORAGE	218	218	3'-0" x 7'-0" x 1 3/4"	3	WD	ST	F2	HM	PT			218	33		CR
STAIR 1	S201	S201	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S201	32		**BASE BID**
STAIR 2	S202	S202	3'-0" x 7'-0" x 1 3/4"	2	WD	ST	F1	HM	PT		1 HR	S202	32		**BASE BID**

* NOTE: SEE SHEET A7.3 FOR THRESHOLD AND DOOR DETAILS

SECTION 080500 - DOOR SCHEDULE

ROOM NAME	ROOM No.	MARK	SIZE WxHxT	DOOR TYPE	DOOR MATL	DOOR FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	THRESH	LBL	MARK	HDWR No.	DETAIL	NOTES / REMARKS

DOOR SCHEDULE LEGEND

AL - ALUMINUM
AP - AUTOMATIC PALM OPERATOR
ANOD - ANODIZED
B - DOOR RELEASE BUTTON
BP - BI-PARTING
CL - CLOSER
CO - CASE OPENING
CR - CARD READER
FF- FACTORY FINISH
FG - FIBERGLASS
GL- GLASS
HM - HOLLOW METAL
MFR - MANUFACTURER
MH - MAGNETIC HOLD OPEN
MTL - METAL
MT - METAL THRESHOLD
PBL - PUSH BUTTOM LOCK
PL - PLASTIC LAMINATE
PR - PAIR
PT - PAINT
ST - STAIN
WD-WOOD

20 MIN - 20 MINUTES RATED DOOR AND FRAME ASSEMBLY
60 MIN - 60 MINUTES RATED DOOR AND FRAME ASSEMBLY (ONE HOUR)
90 MIN - 90 MINUTES RATED DOOR AND FRAME ASSEMBLY (TWO HOURS)

DOOR GENERAL NOTES

A. SEE HVAC PLANS FOR UNDERCUT DOORS & LOUVERS. MAXIMUM UNDERCUT TO BE 1-3/4".
B. ALL DOORS ARE TO BE 1-3/4" THICK UNLESS NOTED OTHERWISE.
C. ALL DOOR THRESHOLDS SHALL MEET ADA HEIGHT REQUIREMENT - 1/2" MAXIMUM.
D. ALL DOORS TO BE LEVER HANDLE TYPE.
E. SEE SECTION 087100 FOR DOOR HARDWARE SETS.
F. ALL DOORS TO BE KEYED TO OWNER'S MASTER KEY SYSTEM
G. DOOR FRAME THROAT DIMENSION SHALL BE COORDINATED WITH OVERALL GWB AND MTL STUD THICKNESS

NOTES/REMARKS

1 KICK PLATE
2 HARDWARE PER FRAME/DOOR MANUFACTURER
3 REFER TO STOREFRONT ELEVATIONS
4 GASKET AT PERIMETER DOOR EDGES AND BOTTOM SWEEP

SECTION 080500 - DOOR SCHEDULE NOTES:

1.) SEE SHEETS A7.1, A7.2 , A7.3 FOR FRAME ELEVATIONS AND DETAILS.

2.) SEE MECHANICAL DRAWINGS FOR LOCATION OF DOOR GRILLS AND UNDERCUT DOORS. MAXIMUM UNDERCUT TO BE 3/4".

3.) ALL DOORS ARE TO BE 1-3/4" THICK UNLESS OTHERWISE NOTED.

4.) ALL HARDWARE SHALL HAVE LEVER TYPE HANDLES.

5.) ALL DOORS IN THE MEANS OF EGRESS SHALL BE OPERABLE FROM THE INSIDE WITHOUT SPECIAL KEY EFFORT OR KNOWLEDGE.

6.) SEE SECTION 104400 - SIGNAGE, FOR SIGN TYPES.

7.) ALL RATED DOOR ASSEMBLY HARDWARE BUTTS TO BE BALL-BEARING.

Addendum No. 1

RFI LOG Attachments

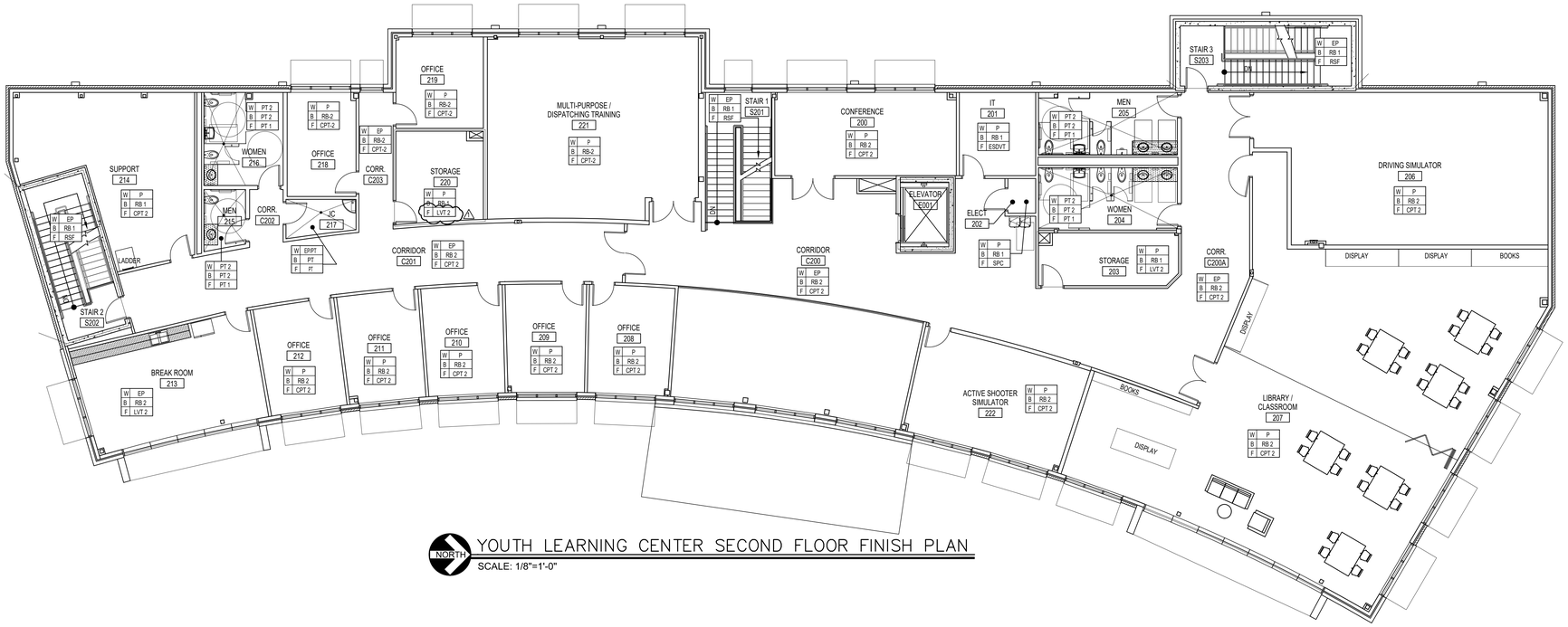
(for those RFI's with additional information/attachments included in responses)

Attachment #10

PRE-BID RFI #024

Ceramic Tile Clarification

*See also "Files/PRE-BID RFI's in Building Connected for Official Documentation.



NORTH

YOUTH LEARNING CENTER SECOND FLOOR FINISH PLAN

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

FINISH LEGEND

W P ← WALL FINISH
B RB ← BASE
F LVT ← FLOORING

1 — FINISH NOTES NUMBER

P-4 — ACCENT PAINT

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN-HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL

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PHASE	DATE	DRAWN	CHECK
DD	2-28-25	LM	TB / SD
50%CD	04-15-25	LM	TB
100% CD	7-18-25	LM	TB
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REVISIONS

#	DATE	COMMENTS
1	08-27-25	RESPONSE TO RFI # PRE-BID 24
2		
3		
4		
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6		
7		
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CRA PROJ.#: 24029

PHASE: CONSTRUCTION DOCUMENTS

SHEET TITLE
YOUTH LEARNING CENTER SECOND FLOOR FINISH PLAN

A10.2 of .

© PRODUCTION DATA AGENCY/CRA/24029 - FSA - MAIN OFFICE DRIVING - MASTER DRAWINGS DATA (WIP)\DRAWINGS\DATA\24029 A101 A102 XLC FINISH PLANS.DWG, 8/27/2025 11:02 AM LORA BRANCA

GENERAL FINISH NOTES

1. ALL INTERIOR WALL AND CEILING FINISHES ARE CLASS A.
2. ALL INTERIOR FLOOR FINISHES ARE CLASS I.
3. SEE REFLECTED CEILING PLANS FOR CEILING HEIGHTS AND FINISHES.
4. PROVIDE A 72" HIGH WAINSCOT OF PORCELAIN TILE ON ALL WALLS OF JANITOR CLOSETS.
5. PROVIDE FULL HEIGHT PORCELAIN TILE ON ALL WALLS OF RESTROOMS. SEE WALL TILE PATTERN ON SHEET A6.1.
6. SEE DETAIL 1/A6.1 FOR TILED BENCHES.
7. PROVIDE 2'-4" PORCELAIN TILE ON FLOOR OF SHOWERS.

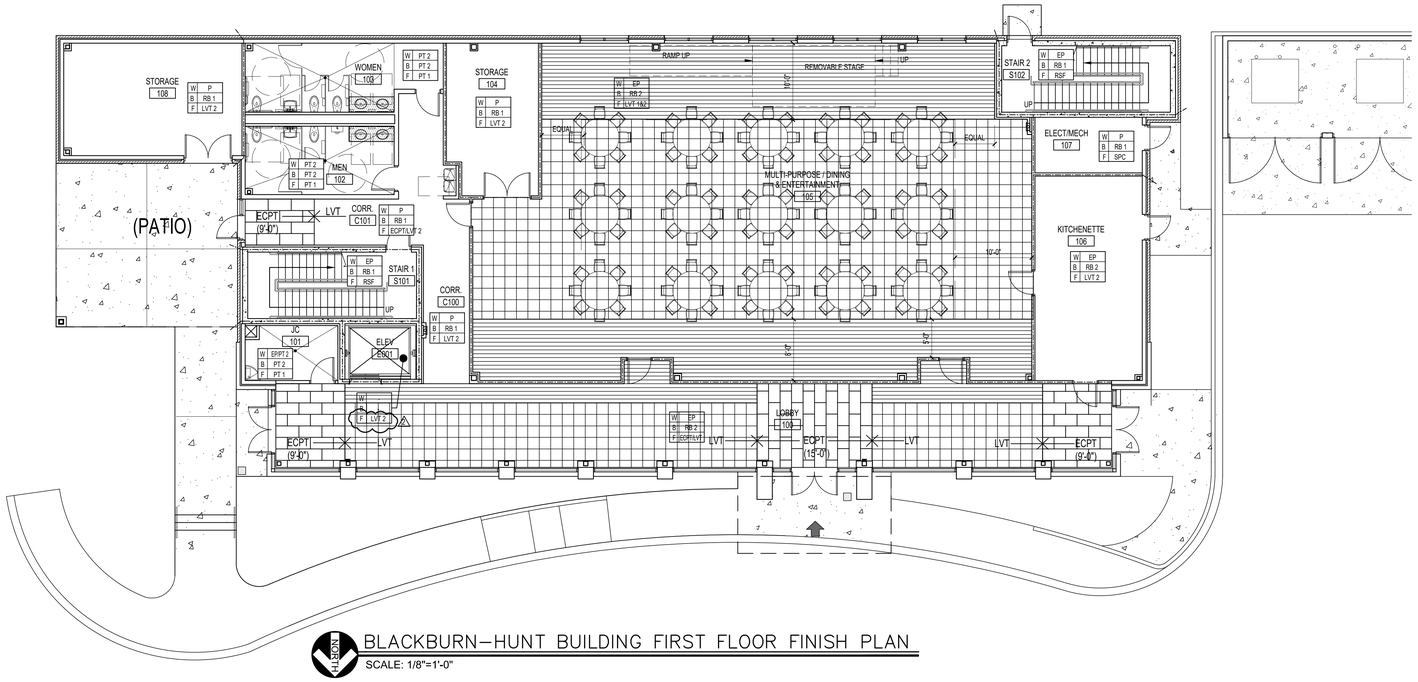
FLOOR PATTERN LEGEND

LVT 1 - WOOD PATTERN

LVT 2 - 18" X 18" PATTERN

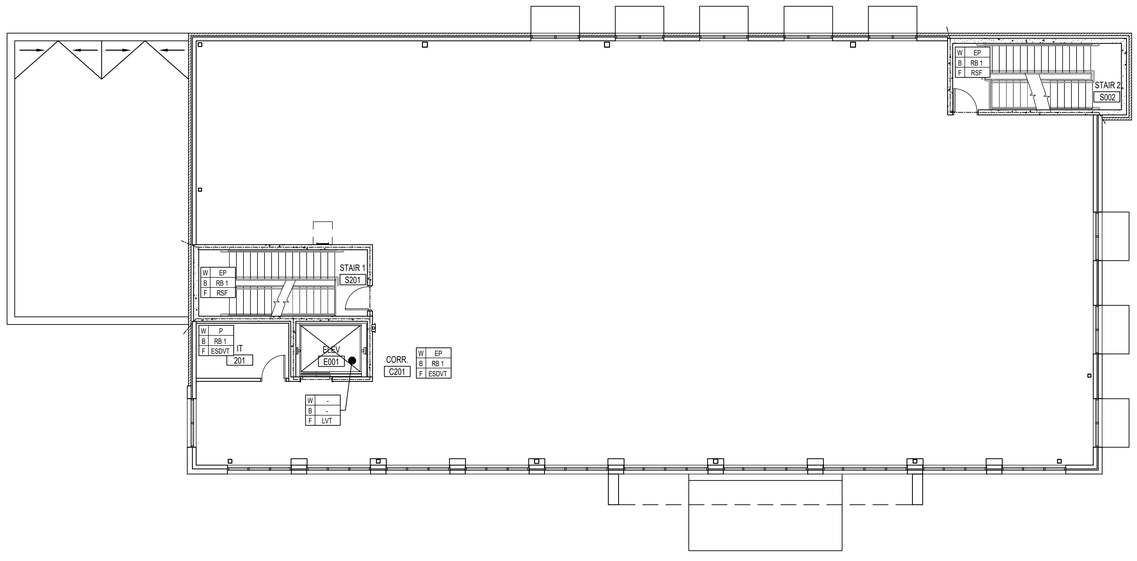
FINISH LEGEND

- W / P / B / RB / F / LVT — WALL FINISH / BASE / FLOORING
- 1 — FINISH NOTES NUMBER
- P-4 — ACCENT PAINT



BLACKBURN–HUNT BUILDING FIRST FLOOR FINISH PLAN

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



BLACKBURN–HUNT BUILDING SECOND FLOOR FINISH PLAN

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

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN–HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL

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REVISIONS

#	DATE	COMMENTS
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2	08-27-25	RESPONSE TO RFI # PRE-BID 24
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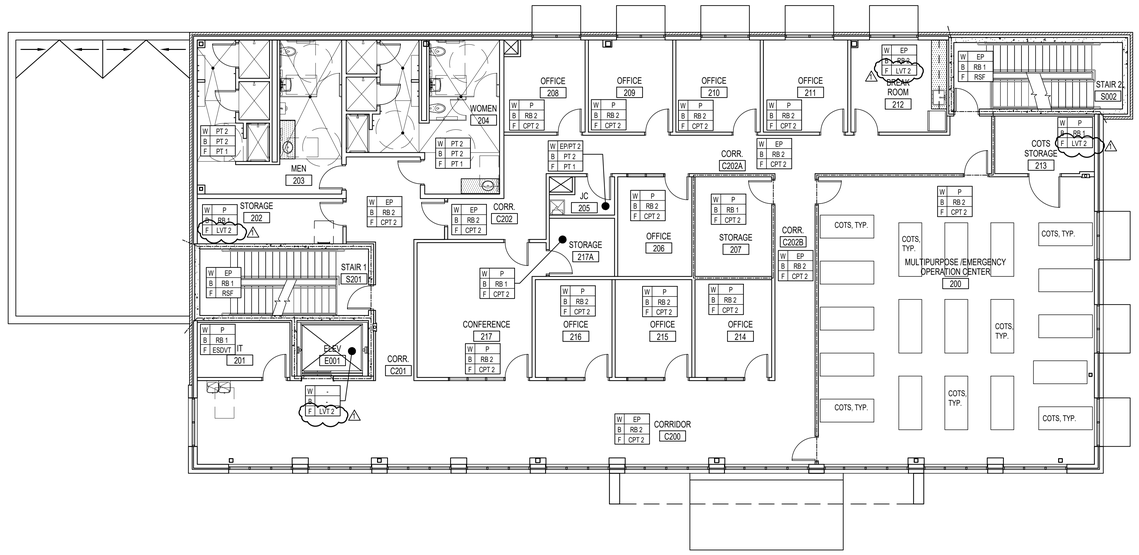
SHEET TITLE
BLACKBURN-HUNT BLDG
1ST AND 2ND FLOOR FINISH PLANS

A10.3 of .

© PRODUCTION DATA ARCHIVE/24029 - FSA - MAIN OFFICE DRIVE/DWG - MASTER DRAWINGS/DOR DWGS/BBRD.RVT, 09/01/2025 8:10:14 AM, DORA GRANUCK



BLACKBURN–HUNT BUILDING SECOND FLOOR FINISH PLAN – ADD ALTERNATE

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

FINISH LEGEND

W P / B RB / F LVT ← WALL FINISH / BASE / FLOORING

1 ← FINISH NOTES NUMBER

P-4 ← ACCENT PAINT

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN–HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL

CRA ARCHITECTS

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PHASE	DATE	DRAWN	CHECK
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REVISIONS

#	DATE	COMMENTS
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CRA PROJ.#: 24029

PHASE: CONSTRUCTION DOCUMENTS

SHEET TITLE
BLACKBURN-HUNT BLDG
2ND FLOOR FINISH PLAN – ADD ALTERNATE

A10.4 of .

G:\PROJECTS\2024\24029 - FSYLC - NEW OFFICE BUILDING - MUSEUM\DRAWINGS\CAD\ Working Drawings\24029 A10.4 FINISH PLAN.dwg, 8/27/2025 11:53 AM, CRA CAD DRAWER

Addendum No. 1

RFI LOG Attachments

(for those RFI's with additional information/attachments included in responses)

Attachment #11

PRE-BID RFI #026

Electrical Clarifications & Electrical OPCI Items

*See also "Files/PRE-BID RFI's in Building Connected for Official Documentation.

Item #1

CRA's Response

Suzanna Thomas

From: Shay Divsalar <sdivsalar@craarchitects.com>
Sent: Wednesday, August 27, 2025 11:41 AM
To: Suzanna Thomas
Cc: Mike Imbler
Subject: FSA
Attachments: Step Light.pdf; Wall Sconce.pdf; Ceiling Lights.pdf; E-0004-E1.1-Rev1.pdf; E-0006-E2.1-Rev1.pdf; E-0009-E3.1-Rev1.pdf

EXTERNAL EMAIL

Suzanna,

Please see attached light fixture types that will be owner supplied, and contractor installed for the theater. Also attached are the electrical drawings that reflect some of the changes after the meeting between the theater consultant and the electrical engineer. I am supposed to get some more info from theater consultant this afternoon.

I haven't received the track lighting data sheets for the first floor yet.

Also attached is the video of the theater seats that is owner supplied contractor installed. Width of the vinyl roll that goes over the walls and ceiling clips in the theater is 54"

Thanks

Shay Divsalar
Clemons Rutherford & Associates Architects
2027 Thomasville Road | Tallahassee, FL 32308
(850) 385-6153 Office | (850) 545-0660 Cell

THEATER - STEP LIGHT

WAC LIGHTING

Fixture Type:

Catalog Number:

Project:

Location:

WL-LED140

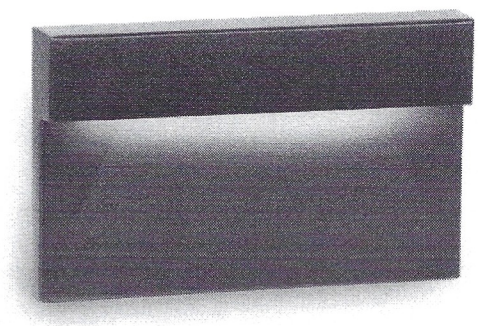
Step And Wall Light

Model & Voltage	Color Temp & CRI	Lumens	Finish
❍ WL-LED140 120 VAC	❍ Amber 90	3	❍ BK Black on Aluminum
	❍ 3000K 90	3	❍ BZ Bronze on Aluminum
❍ WL-LED140F 277 VAC	❍ Amber 90	3	❍ WT White on Aluminum
	❍ 3000K 90	3	

Example: **WL-LED140-AM-BK**

DESCRIPTION

WAC Lighting Step and Wall Lights are designed to seamlessly blend into any architecture featuring a sleek interchangeable magnetic faceplate with no visible hardware. These luminaires offer enhanced energy-efficient functionality and optimized light output to adequately illuminate stairs, walls and walkways with little or no glare. Light engine is IP66 sealed for both indoor and outdoor applications.



FEATURES

- Geometric design with downward illumination
- Magnetized design for easy installation and maintenance
- Low profile, flush to wall aesthetics with no visible hardware
- 5 year warranty

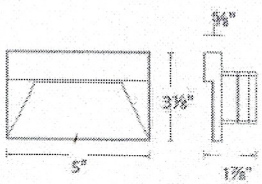
SPECIFICATIONS

Construction	Die-cast corrosion resistant aluminum alloy
Power:	3W, 3.5W
Input:	120 VAC,277 VAC,50/60Hz
Dimming:	ELV: 100-10%
Light Source:	Integrated LED
Rated Life:	50,000 Hours
Mounting:	Fits into 2" x 4" J-Box with minimum inside dimensions of 3"L x 2"W x 2.5"D
Finish:	Enamel Coated Bronze on Aluminum, Enamel Coated White on Aluminum, Enamel Coated Black on Aluminum
Operating Temp:	-40°F to 104°F (-40°C to 40°C)
Standards:	ETL, cETL, Wet Location Listed, IP66, ADA, Title 24 JA8 Compliant

FINISHES:

Black on Aluminum | Bronze on Aluminum | White on Aluminum

LINE DRAWING



REPLACEMENT PARTS

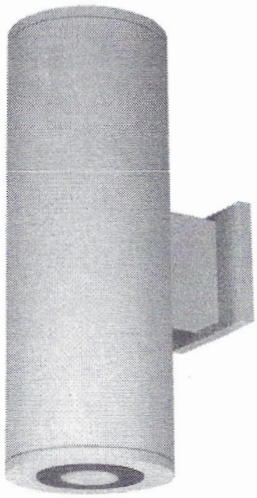
W-4091-140-BK - LED140 Cover Plate BK
W-4091-140-BZ - LED140 Cover Plate BZ
W-4091-140-WT - LED140 Cover Plate WT

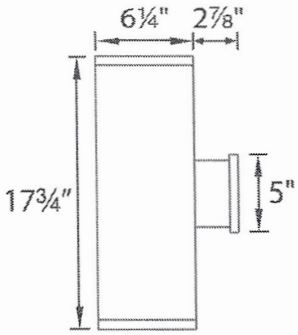
THEATER - WALL SCONCE

TUBE ARCHITECTURAL DS-WD06-U

Ultra Narrow Beam LED Wall Mounts

WAC®





Fixture Type:

Catalog Number:

Project:

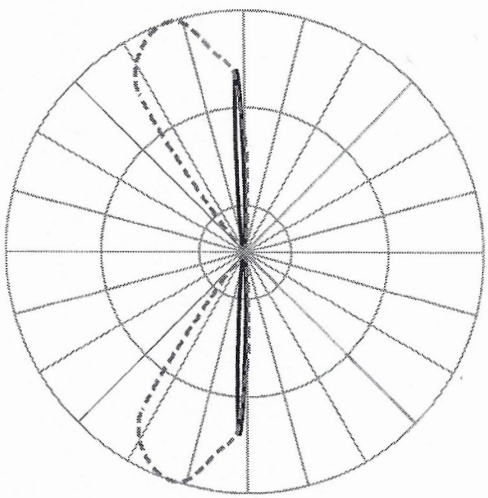
Location:

SPECIFICATIONS

Input:	120V - 277VAC 50/60Hz
Dimming:	0 - 10V Dimming: 100% - 20% ELV 100% - 10% (120V only)
Standards:	IP65 rated, ETL & cETL wet location listed
Operating Temp:	-40°C to 40°C

PHOTOMETRY

Reads 0.2 footcandle at 15 feet distance



PRODUCT DESCRIPTION

Precise engineering using the latest energy efficient LED technology with a built-in ultra narrow beam precision optics. An appealing cylinderical profile perfect for accent lighting.

FEATURES

- High performance facade LED wall mount light
- Can be mounted upwards or downwards
- Solid aluminum construction
- 80,000 hour rated life
- 5 year warranty

ORDERING NUMBER

Distribution	Diameter	Watt	Beam	Color Temp	CRI	Lumens	CBCP	Light Direction	Finish
Double **DS-WD**	**06** 6"	22W	**U** 6°	**27** 2700K **30** 3000K **35** 3500K **40** 4000K	85 85 85 85	110 x2 130 x2 130 x2 135 x2	1239 x2 1428 x2 1478 x2 1532 x2	**B** Towards the wall	**BK** Black **WT** White **BZ** Bronze **GH** Graphite

22 WATTS

DS-WD06-U____B-___

Example: **DS-WD06-U30B-WT**

waclighting.com
Phone (800) 526.2588
Fax (800) 526.2585

Headquarters, East Manufacturing Facility
44 Harbor Park Drive
Port Washington, NY 11050

South East Manufacturing Facility
1600 Distribution Ct
Lithia Springs, GA 30122

Central Manufacturing Facility
1700 South J Elmer Freeway, Ste 100
Cedar Hill, TX 75104

West Manufacturing Facility
1750 S Archibald Ave
Ontario, CA 91761

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program.

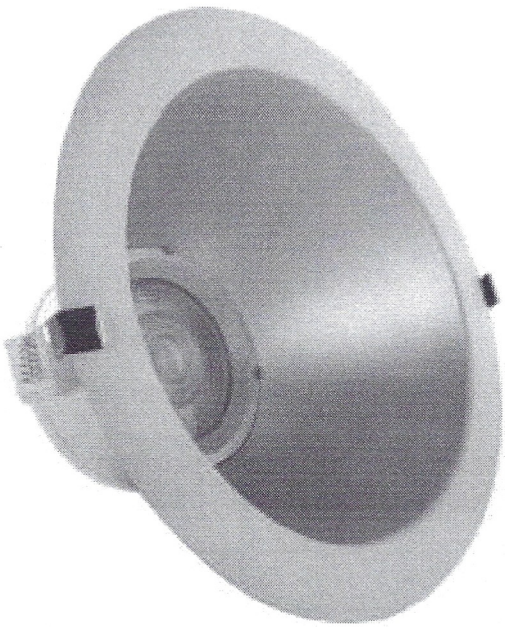
SATCO | NUVO

Project Name

THEATER - CEILING LIGHT

Location

Prepared By



SATCO S11815

23WLED/CDL/6/ADJ-CCT/40D

Notes

General

Status	Active
Recessed Can Size	6 in.
Wattage	11W/16W/23W
Voltage	120V-277V
Finish	Silver
CCT (Kelvin)	2700K/3000K/3500K/4000K/5000K
Color Temperature	Warm to Cool White
Lumen Output	900L/1200L/1750L
Indoor or Outdoor Fixture	Indoor

Specifications

Technology	LED
CRI	80+
Beam Angle	40
Rated Hours	50000
Operating Temperature	-20C (-4F) to +40C (+104F)
Dimmable	Yes-Dimmable
Dimming Note	0-10V Dimming Only

Dimensions

Width (in.)	6.77
Height (in.)	3.87
Weight (lb.)	1.47

Compliance

Safety Listing	cETLus - Listed
Location Rating	Damp
ENERGY STAR	No
DLC Approved	No
Air Tight Rated	No
IC Rated	Yes
California Status	Lawful for sale in California
Title 20 / 24 Status	Lawful for sale
California Prop 65	Lead
RoHS Compliant	Yes
FCC Compliant	Yes
Canadian Standard ICES-005	Class B
SDS Sheet	LED_Lamp

Additional Information

Specification Note	Default wattage setting is 23W
Installation Notes	Can be installed with or without the rough-in plate (80-959)
Warranty	5-Years

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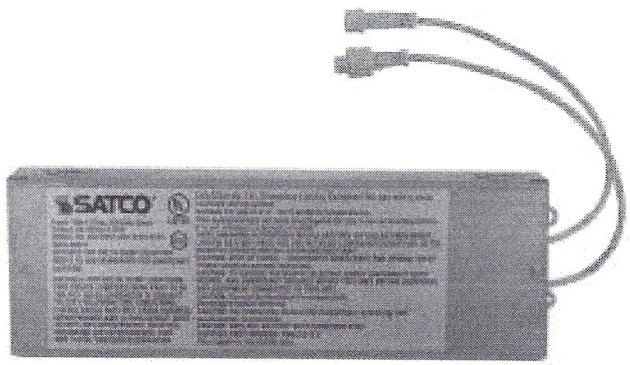
For More Information Visit:
https://www.satco.com/

SATCO | NUVO

Project Name

Location | Prepared By



SATCO S8003

6W LED/CDL EM DRIVER

Notes

General

Status	Active
Voltage	120V-277V
Wattage	6W
Length (in.)	9.92
Safety Listing	cULus - Certified; cULus - Listed
Location Rating	Damp
Each UPC	045923080036

Additional Information

Additional Information	90 Minute Run Time
Specification Note	.050A
IOT Enabled	No
For Use With	S11810,S11811,S11812,S11813,S11814,S11815,S11816,S11817
Warranty	1-Year

Compliance

UL Application	Emergency LED Driver
RoHS Compliant	No

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For More Information Visit:
https://www.satco.com/

EMERGENCY LIGHTING CONTROL RELAYS: ELCR-YLC

CONTROL TYPE: MATCH CONTROLLING RELAY

PANEL NOTES:

1. ELCR'S IN THIS SCHEDULE ASSOCIATED WITH LIGHTING CONTROL PANEL

RELAY	SERVING	LIGHTING CONTROL ZONE #	PANEL FEED	CONTROL WITH ZONE #	NOTES
1	1ST FL MUSEUM PENDANTS	E1	1LA	R1	
2	2ND FL CORRIDOR	E2	2LA	R2	
3	2ND FL LIBRARY	E3	2LA	R3	
4	EXTERIOR	E4	1LA	R4	SUNSET-SUNRISE: ON

LIGHTING CONTROL PANEL: LCP-YLC

CONTROL TYPE: DIMMING NUMBER OF RELAYS: VOLTAGE: MOUNTING: RECESSED

PANEL NOTES:

1. PROVIDE LIGHTING MANAGEMENT CONTROL PANEL WITH INTERNAL SCHEDULER. WATTSTOPPER LMCPXX-10V OR EQUAL

2. CORRIDOR LIGHTING SHALL BE TIME-OF-DAY SCHEDULE ON/OFF WITH OCCUPANCY OVERRIDE DURING UNOCCUPIED HOURS. (EXAMPLE: 6AM-6PM ON). COORDINATE WITH OWNER FOR SPECIFIC HOURS OF OPRATION.

3. EXTERIOR LIGHTING SHALL BE SCHEDULED ON/OFF (EXAMPLE: 7PM-10PM & 5AM-7AM ON) WITH PHOTOCELL OVERRIDE.

RELAY	SERVING	LIGHTING CONTROL ZONE #	PANEL FEED	CONTROL WITH ZONE #	NOTES
1	1ST FL MUSEUM PENDANTS	R1	1LA	E1	
2	2ND FL CORRIDOR	R2	2LA	E2	
3	2ND FL LIBRARY	R3	2LA	E3	CONTROL WITH BUTTONS.
4	EXTERIOR	R4	1LA	E4	SUNSET-SUNRISE: ON
5	PARKING LOT	R5	1LA		SUNSET-SUNRISE: ON
6	BUILDING SIGNAGE	R6	1LA		SUNSET-SUNRISE: ON
7	1ST FL MUSEUM TRACK LTS		1LA		BY OTHERS
8	1ST FL MUSEUM TRACK LTS		1LA		BY OTHERS

GENERAL NOTES

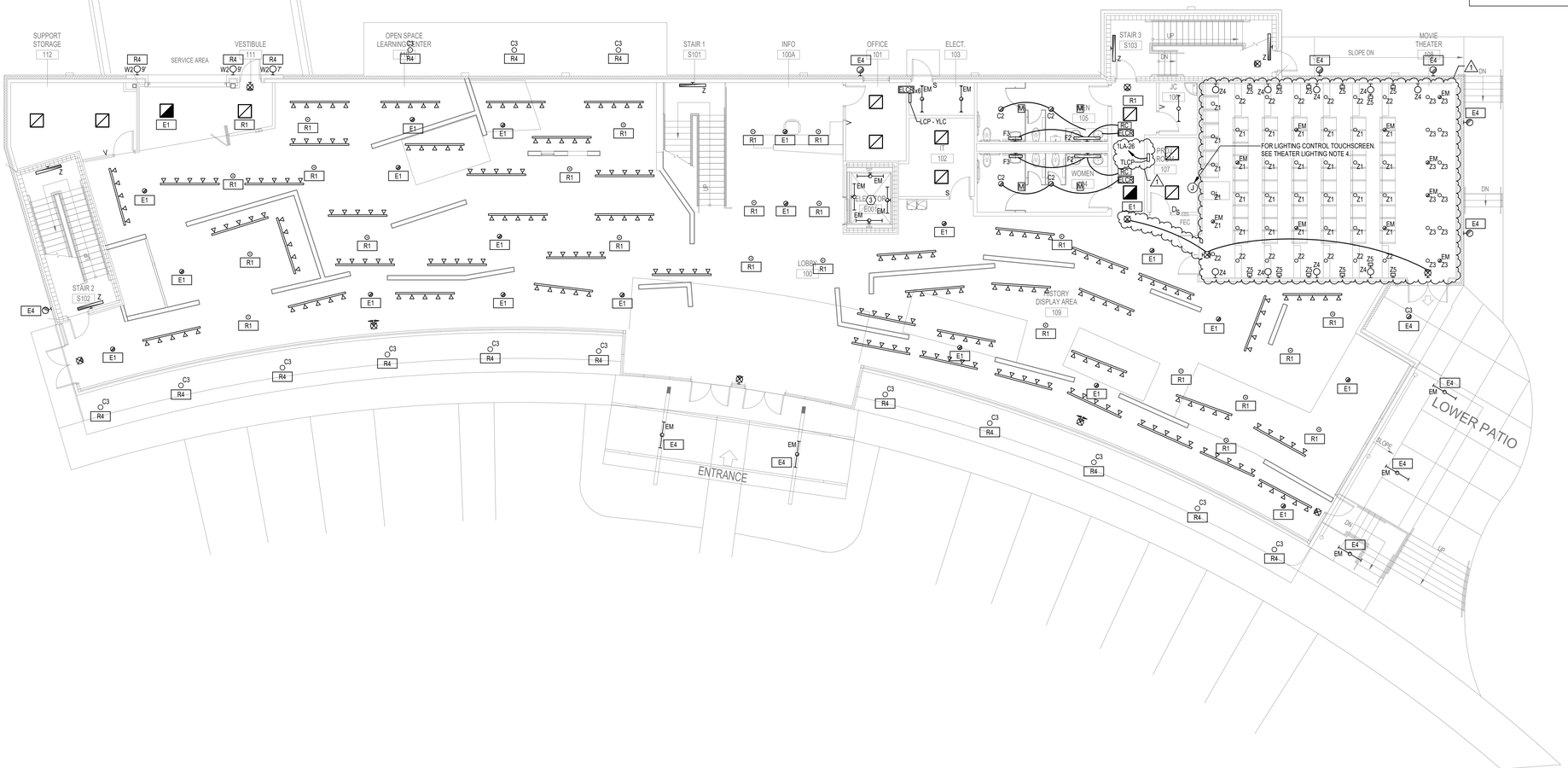
1. ALL 2X2 FIXTURES SHALL BE TYPE 'A' U.N.O.
2. ALL RECESSED DOWNLIGHTS SHALL BE TYPE 'C' U.N.O.
3. ALL EXIT SIGNS SHALL BE TYPE 'E' U.N.O.
4. ALL STRIP FIXTURES SHALL BE TYPE 'F' U.N.O.
5. ALL ROUND PENDANT FIXTURES SHALL BE TYPE 'P' U.N.O. MOUNT PENDANTS SO THAT THE BOTTOM OF THE CYLINDER IS 6" HIGHER THAN THE BOTTOM OF THE NEARBY TRACK LIGHTING. COORDINATE WITH MUSEUM CONSULTANTS FOR TRACK LIGHTING MOUNTING INFORMATION.
6. EXTERIOR WALL PACK FIXTURES SHALL BE TYPE 'W' U.N.O. MOUNT AT 10' AFF U.N.O.
7. FOR FIXTURES INDICATED TO BE CONTROLLED BY LIGHTING CONTROL PANEL RELAY OR DIMMING MODULE, SEE LIGHTING CONTROL PANEL SCHEDULES FOR CIRCUITNG.
8. LOCATION FOR PULL BOXES AND CONTROLLERS (RC, ELCR, ETC.) ON PLANS ARE DIAGRAMMATIC AND SHOWN FOR CLARITY. COORDINATE EXPOSED LOCATIONS WITH THE ARCHITECT, GENERALLY, LAYOUT SHALL BE NEAT, ORGANIZED, AND IN LINE WITH EXPOSED RACEWAYS AND BUILDING LINES. IN ROOMS/AREAS WITH INACCESSIBLE CEILINGS LOCATE DEVICES IN ADJACENT ACCESSIBLE SPACE OR PROVIDE CEILING ACCESS PANEL: COORDINATE LOCATION OF ACCESS PANEL WITH ARCHITECT.
9. THE LOCATION OF CEILING AND WALL MOUNT DEVICES IS DIAGRAMMATIC AND SHOWN FOR CLARITY. REFER TO THE ARCHITECTURAL RCP PLAN FOR THE EXACT LOCATION OF ALL CEILING MOUNT DEVICES. WHERE NOT INDICATED ON THE ARCHITECT'S RCP PLAN COORDINATE WITH THE ARCHITECT PRIOR TO INSTALLATION. COORDINATE WITH THE ARCHITECT FOR THE FINAL LOCATION OF ALL EXTERIOR AND INTERIOR WALL MOUNT DEVICES. DEVICES SHALL BE INSTALLED IN THE CENTER OF THE CEILING TILES WHERE ACOUSTICAL CEILING SYSTEMS ARE SPECIFIED AND, AS A GENERAL RULE, ON THE SAME CENTERLINES WITH OTHER ADJACENT CEILING-MOUNTED DEVICES REGARDLESS OF CEILING TYPE. CONTACT THE ARCHITECT/ENGINEER FOR DIRECTIONS PRIOR TO INSTALLATION SHOULD THE LOCATION OF A SPECIFIED DEVICE NOT BE CLEARLY INDICATED.

LIGHTING KEYNOTES

1. LIGHTING CONTROL PANEL AND NETWORK CONTROLLER ENCLOSURE - SEE DETAIL E/E5.1.
2. MOUNT ELCR ADJACENT TO LCP IN A NEAT AND ORDERLY FASHION. THERE SHALL BE AN ELCR CORRESPONDING TO EACH RELAY IN USE IN THE LCP. CLEARLY LABEL DEVICE ELCR#-RS WHERE # CORRESPONDS TO THE LCP NUMBER AND S CORRESPONDS WITH THE CONTROLLING RELAY. REFER TO DETAIL E/E5.1.
3. WALL-MOUNTED LIGHT FIXTURES FOR ELEVATOR PIT. REFER TO DETAIL A/E5.1.

THEATER LIGHTING NOTES

1. ALL LIGHTING FIXTURES, LIGHTING CONTROL PANEL, AND TOUCHSCREEN IN THE THEATER AND PROJECTOR ROOM ARE OWNER FURNISHED, CONTRACTOR INSTALLED. COORDINATE EXACT LOCATIONS OF FIXTURES AND EQUIPMENT WITH THEATER CONSULTANT.
2. ROUTE (2) 120V CIRCUITS THROUGH LIGHTING CONTROL PANEL. ONE CIRCUIT FOR LIGHTS (DOWNLIGHTS, WALL SCONCES AND STEP LIGHTS AND ONE CIRCUIT FOR FLOOR BOXES FOR THE UNDER SEAT LIGHTS.
   A. THE 120V CIRCUIT FOR THE FLOOR BOXES SHALL BE A DEDICATED ZONE AND ON/OFF ONLY.
   B. THE 120V CIRCUIT FOR THE LIGHTS SHALL BE SPLIT INTO (5) ZONES AS SHOWN ON THE FLOOR PLAN. RUN BRANCH CIRCUIT AND 0-10V DIMMING WIRES FROM LIGHTING CONTROL PANEL TO EVERY LIGHTING FIXTURE.
3. CONNECT EXIT SIGNS IN THEATER TO UNSWITCHED CIRCUIT AS SHOWN ON THE FLOOR PLAN.
4. PROVIDE 3/4" RACEWAY FROM LIGHTING CONTROL PANEL TO TOUCHSCREEN.



North 1 YOUTH LEARNING CENTER - FIRST FLOOR PLAN - LIGHTING

1/8" = 1'-0"

H2E ENGINEERING
114 EAST 5th AVENUE TALLAHASSEE, FL 32303
PHONE 850.224.7922
www.H2Engineering.com

H2E PROJECT No: 24179

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Florida Registry #1485
Trey Gossett, P.E. #74534

Trey Gossett, State of Florida, Professional Engineer, License No. **74534**

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Date: **08/08/2025**

FLORIDA SHERIFFS YOUTH LEARNING CENTER AND BLACKBURN-HUNT BUILDING

MAHAN DRIVE
TALLAHASSEE, FL.

CRA ARCHITECTS

Clemons,Rutherford, & Associates, Inc.

Architects
Planners
Interior Designers
Construction Managers

2027 Thomasville Road
Tallahassee, Florida 32308

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cra@clemons-rutherford.com

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Submittal

Phase	Date	Drw	Chk
DESIGN DEVELOPMENT	02-28-25	BJM	THG
50% CD	04-15-25	BJM	THG
100% CD	07-18-25	BJM	THG

Revision

#	Description	Date
1	THEATER CHANGES	08/08/25

CRA Project # **24029**

Phase: **CONSTRUCTION DOCUMENTS**

SHEET TITLE

YOUTH LEARNING CENTER - 1ST FLOOR PLAN - LIGHTING

E1.1

Autodesk Docs://24-179 Florida Sheriffs Association - Learning Center/24-179 Florida Sheriffs Association - Learning Center - MEP Central_R24.rvt
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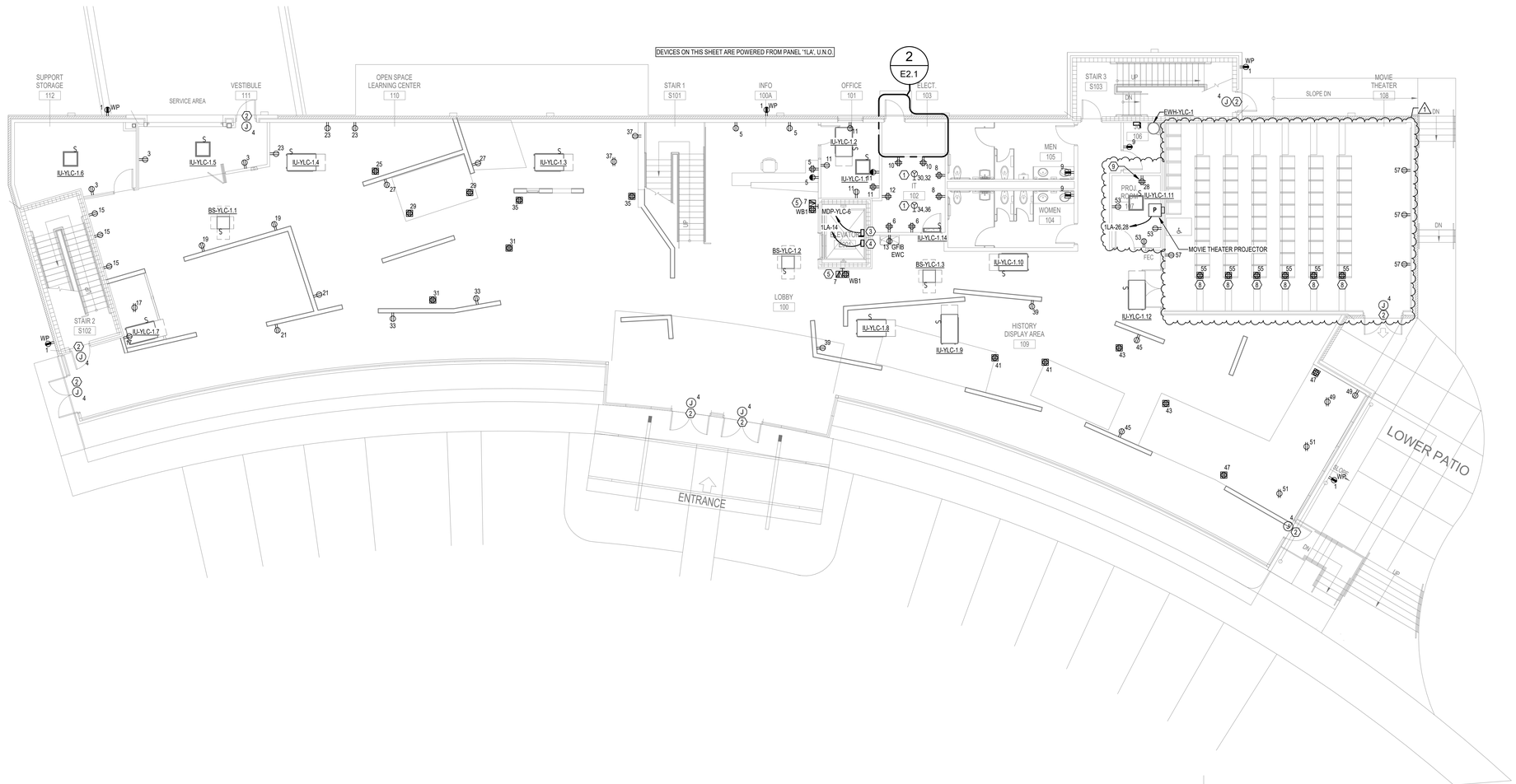
GENERAL NOTES

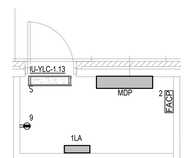
1. DEVICES OUTSIDE OF DWELLING UNITS SHALL BE POWERED FROM PANELS AS DELINEATED BY PANEL DIVISION LINES, U/NO. DEVICES ARE LABELED WITH CIRCUIT NUMBERS CORRESPONDING TO THE DESIGNATED PANEL.
2. BACK BOXES AND CONDUITS TO ALL WALL MOUNT DEVICES SHALL BE CONCEALED IN THE WALL, EXCEPT IN ELECTRICAL, TELECOM, AND MECHANICAL ROOMS. COORDINATE THE EXACT LOCATION OF DEVICES WITH THE ARCHITECT.
3. THE ELECTRICAL CONTRACTOR SHALL REFERENCE TELECOMMUNICATIONS DRAWINGS, ACCESS CONTROL DRAWINGS, AND SURVEILLANCE DRAWINGS FOR THE SCOPE OF WORK THAT EC IS RESPONSIBLE FOR ASSOCIATED WITH THOSE SYSTEMS.
4. THE LOCATION OF CEILING AND WALL MOUNT DEVICES IS DIAGRAMMATIC AND SHOWN FOR CLARITY. REFER TO THE ARCHITECTURAL RCP PLAN FOR THE EXACT LOCATION OF ALL CEILING MOUNT DEVICES. WHERE NOT INDICATED ON THE ARCHITECT'S RCP PLAN COORDINATE WITH THE ARCHITECT PRIOR TO INSTALLATION. COORDINATE WITH THE ARCHITECT FOR THE FINAL LOCATION OF ALL EXTERIOR AND INTERIOR WALL MOUNT DEVICES.
5. MECHANICAL EQUIPMENT DISCONNECTS SHOWN ON PLANS ARE DIAGRAMMATIC AND SHOWN FOR CLARITY. LOCATE DISCONNECTS SO ACCESSIBLE WITH WORKING CLEARANCE PER NEC. REFER TO THE MECHANICAL SCHEDULES FOR EQUIPMENT CIRCUIT AND DISCONNECT SWITCH INFORMATION.

KEYNOTES

1. MOUNT L6-30P RECEPTACLE TO UNDER SIDE OF LADDER RACK DIRECTLY ABOVE COMMUNICATIONS RACK. COORDINATE PLACEMENT WITH TELECOMMUNICATIONS CONTRACTOR.
2. POWER TO DOOR HARDWARE. REFER TO SECURITY PLANS FOR ROUGH-IN DETAILS.
3. SHUNT TRIP SWITCH FUSED DISCONNECT, FUSED PER ELEVATOR MANUFACTURERS REQUIREMENTS COOPER BUSMAN PS-1-T45-R2-K-G-B-F-1-TYPE1 OR EQUAL. SWITCH SHALL BE EQUIPPED WITH KEYED TEST SWITCH, FIRE SAFETY INTERFACE RELAY, CONTROL TRANSFORMER, FIRE ALARM VOLTAGE MONITORING RELAY AND GREEN PILOT LIGHT INDICATING SWITCH CLOSED.
4. 20A/1P/T1 ENCLOSED CIRCUIT BREAKER FOR ELEVATOR CAB LIGHTING.
5. COORDINATE RECEPTACLE AND DATA DROP MOUNTING HEIGHT FOR DISPLAY WITH ARCHITECTURAL DRAWINGS.
6. 120V CIRCUIT FOR PROJECTION SCREEN.
7. 120V CIRCUIT FOR PROJECTOR.
8. ROUTE CIRCUIT THROUGH LIGHTING CONTROL PANEL IN PROJECTOR ROOM. SEE LIGHTING PLAN FOR ADDITIONAL DETAILS.
9. OUTLET FOR AMPLIFIER RACK. COORDINATE LOCATION WITH THEATER CONSULTANT.



North 1 YOUTH LEARNING CENTER - FIRST FLOOR PLAN - POWER
1/8" = 1'-0"



2 E2.1 ENLARGED ELECTRICAL ROOM PLAN - POWER
1/4" = 1'-0"

2 ENGINEERING
114 EAST 5th AVENUE TALLAHASSEE, FL 32303
PHONE 850.224.7922
www.H2Engineering.com

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MAHAN DRIVE
TALLAHASSEE, FL.

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Construction Managers

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Tallahassee, Florida 32308

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cra@clemons-rutherford.com

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1	THEATER CHANGES	08/08/25

CRA Project # **24029**

Phase: **CONSTRUCTION DOCUMENTS**

SHEET TITLE
YOUTH LEARNING CENTER - 1ST FLOOR PLAN - POWER

E2.1

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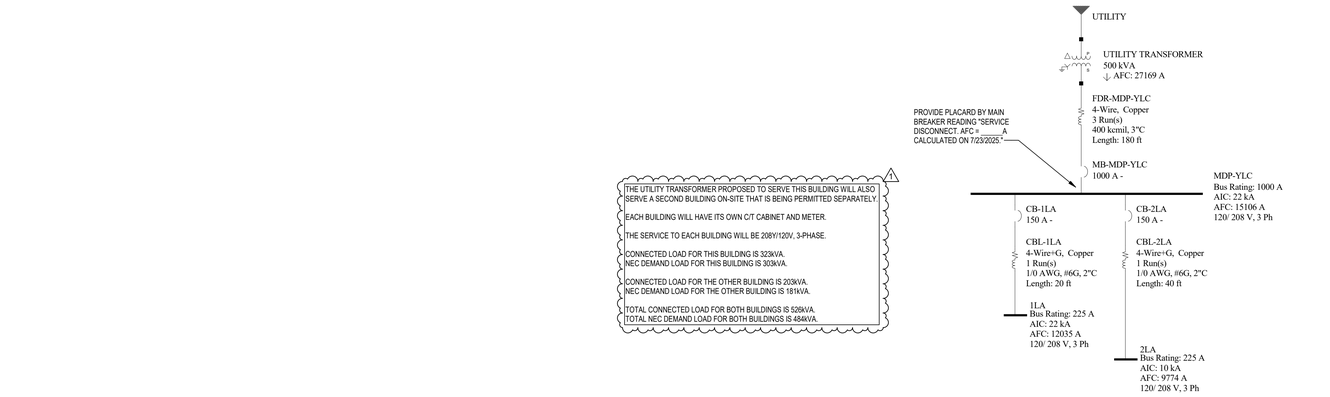
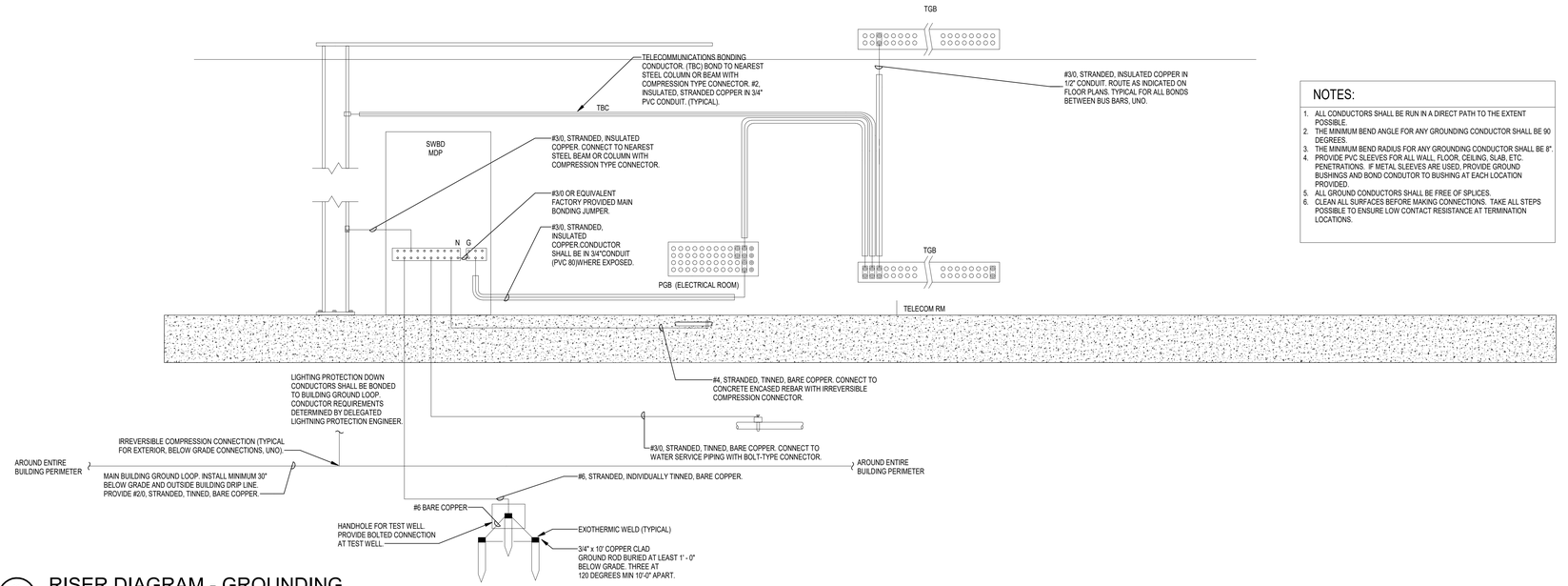


1 ONELINE RISER DIAGRAM - YLC

SCALE: N.T.S



2 RISER DIAGRAM - GROUNDING

SCALE: N.T.S

NOTES:

1. ALL CONDUCTORS SHALL BE RUN IN A DIRECT PATH TO THE EXTENT POSSIBLE.
2. THE MINIMUM BEND ANGLE FOR ANY GROUNDING CONDUCTOR SHALL BE 90 DEGREES.
3. THE MINIMUM BEND RADIUS FOR ANY GROUNDING CONDUCTOR SHALL BE 8".
4. PROVIDE PVC SLEEVES FOR ALL WALL, FLOOR, CEILING, SLAB, ETC. PENETRATIONS. IF METAL SLEEVES ARE USED, PROVIDE GROUND BUSHINGS AND BOND CONDUTOR TO BUSHING AT EACH LOCATION PROVIDED.
5. ALL GROUND CONDUCTORS SHALL BE FREE OF SPLICES.
6. CLEAN ALL SURFACES BEFORE MAKING CONNECTIONS. TAKE ALL STEPS POSSIBLE TO ENSURE LOW CONTACT RESISTANCE AT TERMINATION LOCATIONS.

H2E ENGINEERING
114 EAST 5th AVENUE TALLAHASSEE, FL 32303
PHONE 850.224.7922
www.H2Engineering.com

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MAHAN DRIVE
TALLAHASSEE, FL.

CRA ARCHITECTS

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CRA Project # **24029**

Phase: **CONSTRUCTION DOCUMENTS**

SHEET TITLE
RISER DIAGRAMS - YLC

E3.1

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Item #3

H2's Response

Ajax Building Company, LLC
1080 Commerce Blvd
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TALLAHASSEE, Florida 32308
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RFI #PRE-BID-26: Electrical Clarifications & Electrical OPCI Items (Data & Installation Instructions)

Revision	0	**Status**	Open
To	Shay Divsalar (Clemons, Rutherford & Associates)	**From**	Suzanna Thomas (Ajax Building Company (HQ-Midway))
Date Initiated	Aug 27, 2025	**Due Date**	Sep 1, 2025
Location		**Project Stage**	Pre-Construction
Cost Impact		**Schedule Impact**	
Spec Section		**Cost Code**	
Drawing Number		**Reference**	
Linked Drawings			
Received From	Suzanna Thomas (Ajax Building Company (HQ-Midway))		
Copies To			

Activity

Question

Question from Suzanna Thomas Ajax Building Company (HQ-Midway) *on Wednesday, Aug 27, 2025 at 11:33 AM EDT*

Please provide the following clarifications:

1. Theater Lighting in Addendum #1 is shown as Owner Furnished Contractor Installed. Please provide datasheets and installation instructions for all lighting fixtures and equipment that are contractor installed.
2. Track Lighting is shown on E1.1 and listed in the symbol legend as “By Others”. Is this lighting furnished and installed by others? If it is contractor installed, provide datasheets and installation instructions.
3. EV Car Chargers are indicated on E1.0 with free standing support frame. MDP-YLC Panel Schedule (E4.1) lists these as “Future EV Chargers.” If we are providing the racks for this equipment at this time we need the datasheets and installation instructions to construct the racks. Also, is the wiring to be provided for these now or only the conduit?
4. Three (3) pole mounted fixtures are designated “V4” on E1.0, but are not listed on the fixture schedule (only V1 and V2 are listed on the schedule).

Awaiting an Official Response

Responses:

1. Cut sheets of the owner furnished lighting fixtures for the Theater have been provided to the architect.

2. Please submit this item as a stand-alone RFI. We are waiting on direction from the museum consultant and don't want to hold up the responses to the other three items.

3. The MDP-YLC panel schedule is incorrect. At one time the EV chargers were going to be a future project but they were incorporated into the 100% CDs. The word "Future" will be deleted from the panel schedule. The chargers should be fully functional at the conclusion of the project. The attached cut sheets of the chargers were provided by the architect.

4. The type designation on the Lighting Fixture Schedule is incorrect. The Type V1 should be V2 (which stands for Type 2 distribution) and the Type V2 should be V4 (for Type 4 distribution). The Lighting Fixture Schedule will be updated to indicate the correct fixture type.

Ford Pro™ AC Charging Station 80A Series 2

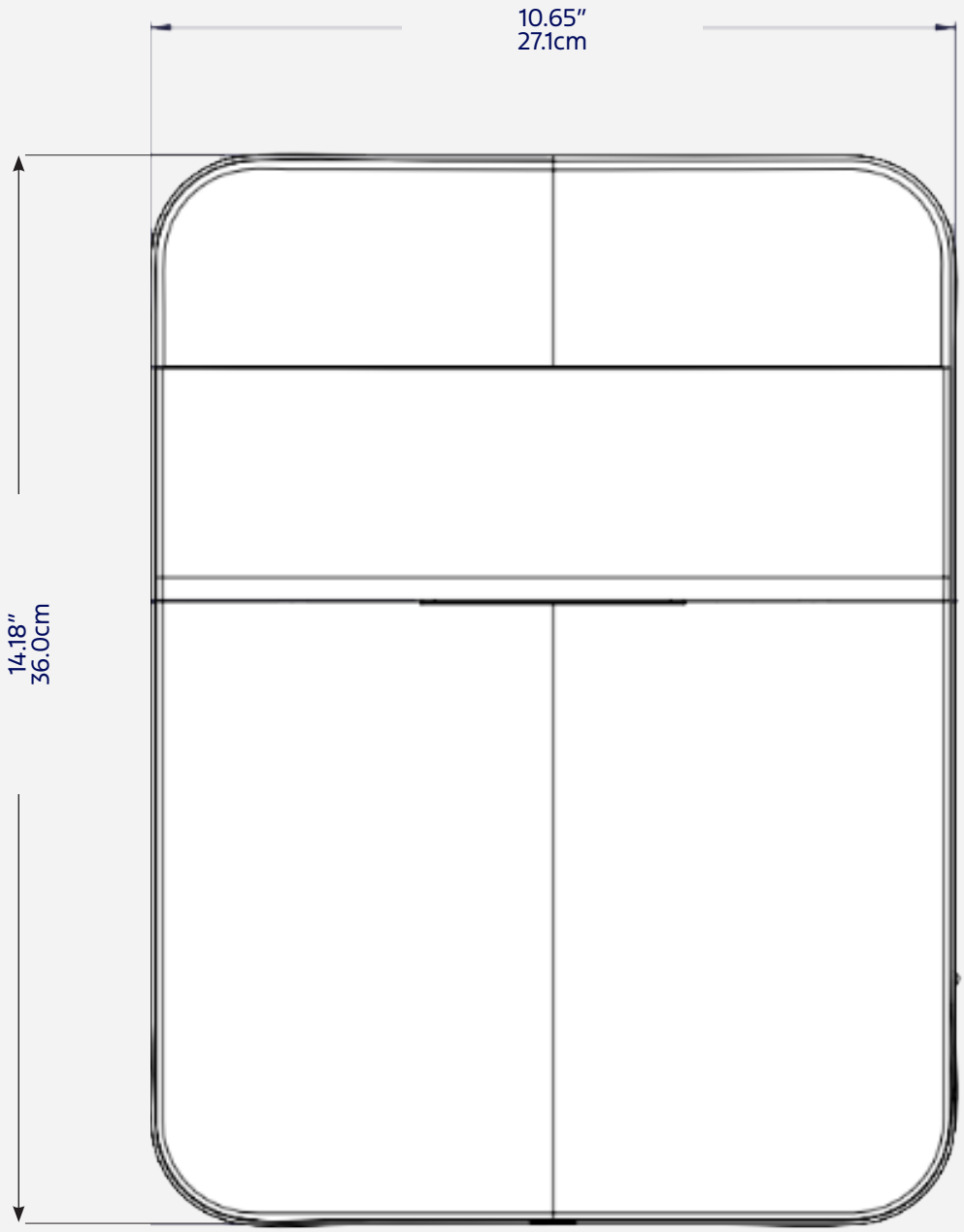
Spec Sheet

Issue B

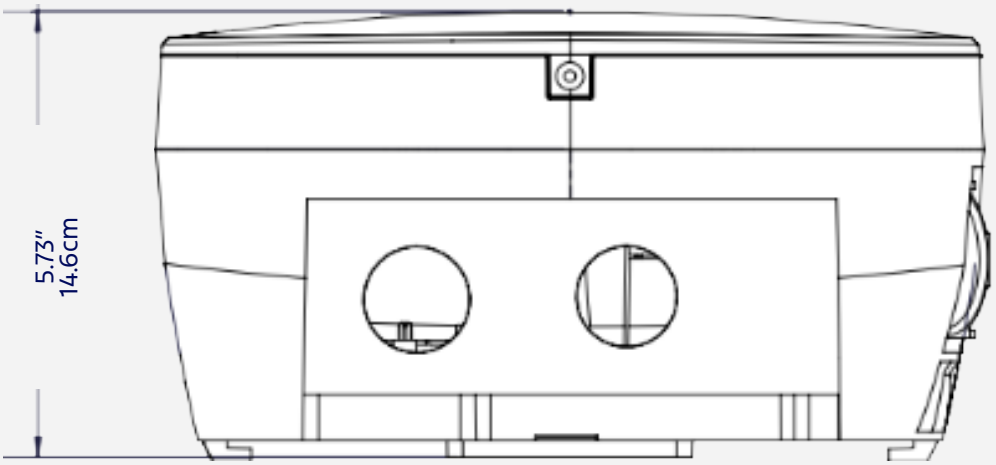
ENERGY STAR

LISTED

Dimensions



(view from front)



(view from below)

RFID for Access Control

- Offers Card Based Charging Access
- Improves Reporting Visibility
- Enabled through Software
- Cards are Compatible with All Ford Pro RFID enabled Chargers
- Cards sold Separately

LCD Display

- Status Information
- Fault Information
- Charge Session Information
- Energy Delivery Information
- Dimensions 4" x 2.5" (10.4 x 6.5cm)

New Integrated Illuminated Holster

- Improves charging reliability by keeping the connector off the ground.
- Illuminated holster to guide reholstering

Upgraded Field Replaceable Charging Cable

- Smaller Diameter
- More Flexible
- Lighter
- Easier to Use

General Information

Main Application	Depot or Home
Type	AC, Level 2
Mounting	Wall Mount or Pedestal (See pedestal datasheet for details)
Connector	SAE J1772, Type 1
Weight: lbs (kg)	20.7 lbs (9.4kg)
Impact Resistance	IK10
Energy Meter	±1%
Warranty	Limited 3 years, includes parts and on-site labour[2]
Certification	US & Canada UL File: #: E354962 UL 1998, UL 2231, UL 2594 FCC Part 15.247 FCC Part 22/24/27
Energy Star	Yes

Power

Recommended Breaker Sizing for Rated Charger Current	100A
Frequency (Hz)	60Hz
Wiring*	L1, L2, Gnd (Copper Conductors Only) Rating Temperature 90°C
Wiring Size	L1 and L2 2 AWG Gnd 8 AWG
Wiring Type	Hardwired
Wiring Interfaces	Bottom or Back
Max Output Power	19.2kW @ 240VAC 16.6kW @ 208VAC
Line to Ground Voltage	120V (+/- 10%)
Voltage, Rated (VAC)	208 / 240VAC
Current, Rated (AC)	80A
Installer Selectable Current De-Rate Options (Amps AC)	72, 48, 40, 32, 24, 16, 12

* Refer to the installation manual for complete wiring instructions.

Connectivity Features

Software Update	OTA updates via web portal (Over the Air)
Network connection	Cellular- 4G LTE[1] (Pre-Configured)
Cloud Communication	OCPP 1.6J
Web Portal Management	Yes

User Interface

HMI	LED Status Indicators + RFID + LCD Screen 4(W) x 2.5(H) in 10.4(W) x 6.5(H) cm
Cable Length (ft)	25ft Std. (7.6m)
Cable Management	Optional with Pedestal
Support languages	English and French Canadian

Environment

Temperature Range (Operating)	-40°F to 122°F (-40°C to 50°C)
Temperature Range (Storage)	-40°F to 176°F (-40°C to 80°C)
Humidity Range (Operating)	5% - 95% non-condensing
Humidity Range (Storage)	<95%
Altitude	11482ft / 3500m
Enclosure Environmental Protection	NEMA 4

US Customer Support: 800-343-5338
Canadian Customer Support: 800-668-5515

ProCharging@Ford.com

ENERGY STAR

c UL us LISTED

[1] Chargers are factory pre-configured with cellular connectivity to simplify product connectivity in the field. If a customer installation requires the use of Wi-Fi or Ethernet for cloud connectivity, please contact Ford Pro support at 1-800-668-5515 to change product connectivity settings.

[2] For additional warranty details, please view the Limited Warranty on the Ford Pro website.

[3] Technical information subject to change.

Ford Pro™ AC Charging Station 80A Series 2 Installation Manual

Electric Vehicle Charging Station

Model No.

FPC-AC0080ZC-U**

Issue C

Ford Public

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Revision History

Issue	Date	Description of Changes	Affected Pages
A	9.12.23	Initial Release	all
B	10.05.23	Updated formatting and style, added images, added warnings, updated verbiage, added dimensions, updated text, and removed ethernet instruction	all
C	4.24.24	Added revision history, updated style elements, added confidential and internal markings, added content	all

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1. Introduction

1.1. Overview

This user manual applies to Ford Pro™ AC Charging Station 80A (Series 2). Any unauthorized modifications will void the product warranty.

Figure 1.1 Ford Pro™ AC Charging Station 80A (Series 2) Overview

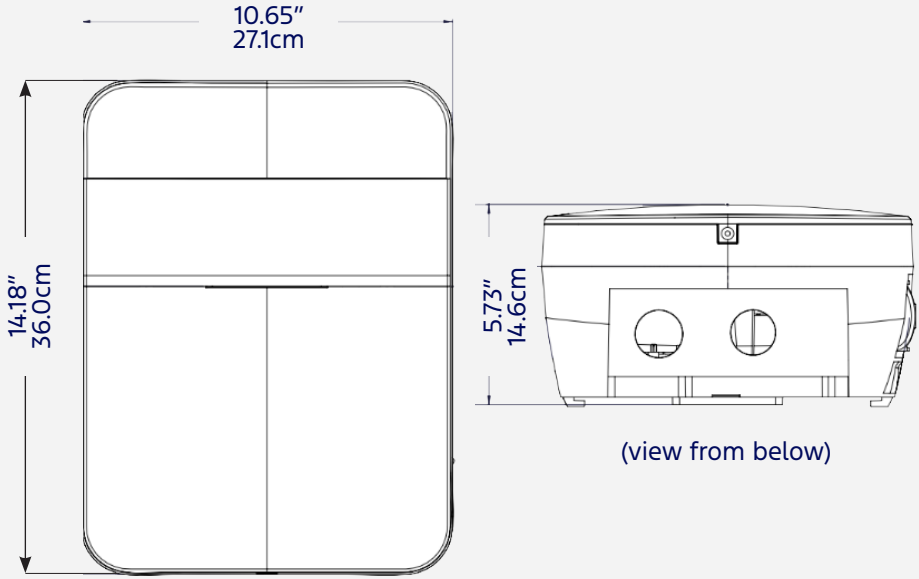

Figure 1.2 Ford Pro™ AC Charging Station 80A (Series 2) Dimensions

1.2. Box Contents

Inside the box, you will find the following components.

Figure 1.3 Box Contents

Table 1.1 Box Contents

Item	Description	QTY	Remark
1	Charger-80A	1	
2	Mounting Bracket	1	Attached to the back of the charger
3	Installation Guide	1	
4	Electricity Label	1	If charger is installed in public place, place label on front cover.
5	Amperage Label	1	
6	Quick Start Guide	1	

1.3. Product Specifications

Table 1.2 Product Specifications

Component	Specification
Item	80A Charger
Application	Depot or Home
Voltage (Vac)	208/240VAC (-20% ~ + 15%), Single Phase
Line to Ground Voltage	120V +/- 10%
Frequency (Hz)	60Hz

Public

Component	Specification
Rated Current (Amp)	Max. 80 A
Charging Connector	SAE J1772 Type 1
LED Indicators	Refer to Section 5.1. Charging Status Indicators
Cellular*	M2M connection (4G Cat M1/ Cat NB2/ EGPRS)
Display	4" (W) x 2.5" (H) 10.35cm (W) x 6.54cm (H)
Cloud Communications	OCPP 1.6J
Authentication Method	RFID + ISO15118 capable
Operation Temp.	-40°F to 122°F (-40°C to 50°C)
Storage Temp.	-40°F to 176°F (-40°C to 80°C)
Maximum Operating Altitude	11482.9ft (3,500m) above sea level
Meter Accuracy	±1%
Mounting Type	Wall mount / Pedestal mount (optional)
Wiring Type	Hardwired
Enclosure Level	NEMA 4
Impact Resistance	IK10
Dimension(H x W x D)	14.18" x 10.65" x 5.73" (36.0cm x 27.1cm x 14.6cm)
Local Configuration Tool	Yes (preconfigured, not required for use)
Cloud Management	Yes, with Ford Pro Charging subscription
Certification	UL 1998/2231/2594 FCC Part 15B FCC Part 15.247 (WLAN 2.4GHz) Energy Star FCC Part 22/24/27

NOTE

* Cellular is pre-configured on the charger. If cellular connection is not available, the charger can be configured to Ethernet and / or Wi-Fi if available. If you need assistance with this, contact Ford Pro™ Charging at 1-800-343-5338.

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2. Important Safety Instructions

SAVE THIS INSTRUCTION

This document contains instructions and warnings which must be followed when installing and using the Electric Vehicle Supply Equipment (Charger). Before installing or using the Charger, read this entire document as well as WARNING and CAUTION markings in this document.

The symbols used have the following meaning:

DANGER: RISK OF SUFFOCATION

WARNING: RISK OF PERSONAL INJURY

WARNING: RISK OF ELECTRIC SHOCK

WARNING: RISK OF FIRE OR EXPLOSION

CAUTION: RISK OF DAMAGE TO THE EQUIPMENT

NOTE: Information pertinent to procedure

- The information provided in this manual in no way exempts the user of responsibility to follow all applicable codes or safety standards.
- This document provides instructions for the Electric Vehicle Supply Equipment (Charger) and should not be used for any other product.

CAUTION RISK OF DAMAGE TO THE EQUIPMENT

Do not drag this equipment by input power cord.

2.1. Repair and Maintenance Clause

- Only licensed electricians can repair or maintain the charger. It is forbidden for general users to install, repair, or maintain it.
- Turn off input power and verify absence of voltage before installation, repair, and/or maintenance of the charger.

2.2. Federal Communication Commission Interference Statement

This equipment complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This equipment may not cause harmful interference, and (2) this equipment must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not covered in this guide must be approved in writing by the manufacturer's Regulatory Engineering Department. Changes or modifications made without written approval may void the user's authority to operate this equipment.

2.3. Industry Canada Statement

This equipment complies with ISED's license-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this equipment must accept any interference received, including interference that may cause undesired operation.

2.4. Radiation Exposure Statement

This equipment complies with FCC / ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with greater than 20 cm between the radiator & your body.

WARNING RISK OF PERSONAL INJURY

This equipment is intended only for charging vehicles that do not require ventilation during charging. Refer to your vehicle's owner's manual to determine ventilation requirements.

WARNING RISK OF PERSONAL INJURY

Do not use extender cables to increase the length of the charging cable.
Maximum length is limited to 25 feet by the National Fire Protection Agency.

WARNING RISK OF ELECTRIC SHOCK

Improper connection of the equipment grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded.

WARNING RISK OF FIRE OR EXPLOSION

To reduce the risk of fire, replace only with same type and rating of fuse.

WARNING RISK OF FIRE OR EXPLOSION

This equipment has internal arcing or sparking parts which should not be exposed to flammable vapors. It should not be located in a recessed area or below floor level. Automatic reset feature provided.

WARNING RISK OF ELECTRIC SHOCK

Basic precautions should always be followed when using electrical products, including the following:
• Read all the instructions before using this equipment.
• This equipment should be supervised when used around children.
• Do not put fingers into the EV connector.
• Do not use this equipment if the flexible power cord or EV cable is frayed, has broken insulation, or shows any other signs of damage.
• Do not use this equipment if the enclosure or the EV connector is broken, cracked, open, or shows any other indication of damage.

WARNING RISK OF ELECTRIC SHOCK

Do not touch live electrical parts. Incorrect connections may cause electric shock.

WARNING RISK OF ELECTRIC SHOCK

Do not remove the cover or attempt to open the enclosure. No user serviceable parts inside. Refer servicing to qualified service personnel.

WARNING RISK OF FIRE OR EXPLOSION

Do not use this device with an extension cord.

CAUTION RISK OF DAMAGE TO THE EQUIPMENT

Do not operate this equipment in temperatures outside its operating range of -40°F to +122°F (-40°C to +50°C).

CAUTION RISK OF DAMAGE TO THE EQUIPMENT

Store this equipment in a clean dry place in temperatures between -40°F to +176°F (-40°C and +80°C).

SAVE THIS INSTRUCTION

2.5. Lockout/Tagout Procedure (LOTO)

The following is a LOTO procedure intended for the technician to review prior to starting work on the charger where LOTO can be applied. It is necessary to comply with these steps to safely access the Charger.

Step 1. Notify Affected Employees

Notify any employees that may be affected by turning off the power prior to shutting down the power.

Step 2. Identify Procedures and Hazards

Read all safety instructions prior to shutting down power to be aware of all warnings and cautions.

Step 3. Shut Down and Isolate Charger from Power Source

Shut off power by identifying the energy source of the charger and disconnect the power cable or shut down the energy source device.

Step 4. Apply Lockout/Tagout to Device

To prevent manipulation of the equipment or accidental startup, apply the necessary lockout/tagout device. This includes a lock to secure the power device in the OFF position and a tag stating “Danger” and the name of the employee performing the LOTO procedure.

Step 5. Check Stored Energy

Once the charger has been isolated from the energy source, ensure all residual energy is drained from the equipment before beginning the maintenance or service repair.

Step 6. Verify Isolation

Ensure the charger is powered OFF. There should be no LED lights on, screen display should be dark/empty, and no power should be available when the connector is plugged into an EV or EV simulator.

Step 7. Turn Equipment On

After completing the maintenance or service repair, ensure the charger is properly reassembled and clear all tools from the work area. Ensure all personnel are in a safe area and all controls are neutralized. Then remove the tag and lock from the device and turn on the energy source.

2.6. Pre-Installation Safety Check

- Check for transport damages.
- Before connecting the product to the power supply, check the power supply voltage and current rating corresponds with the power supply details shown on the product rating label.

DANGER RISK OF SUFFOCATION

Keep any packing materials away from children – these materials are a potential source of danger, e.g. suffocation.

CAUTION RISK OF DAMAGE TO THE EQUIPMENT

Disconnect the power supply before installing or repairing the charger. Failure to do so may result in physical injury or damage to the power supply system and the charger.

CAUTION RISK OF DAMAGE TO THE EQUIPMENT

Avoid touching or pressing the LCD screen, as this may result in damage to the LCD screen.

CAUTION RISK OF DAMAGE TO THE EQUIPMENT

Do not use extension cord sets.

The charger must be installed only by a licensed electrician in accordance with the provisions of the local electrical industry construction and should comply with National Electrical Codes and standards.

Before installing the charger, make sure you have read all of these instructions in this manual and fully understand its contents.

Appropriate protection is required when connecting to a main switchboard. The tools and parts used as outlined in Section 2.8. Tools & Parts Required for Installation.

2.7. Grounding Instructions

The charger must have equipment grounding, adhering to NEC 250.56, through a permanent wiring system or an equipment grounding conductor. Use a dedicated grounding wire and connect to the equipment ground terminal block for grounding. Use a copper ground wire insulated with a green or green and yellow striped jacket rated to 90°C.

a. For solid copper wire: the grounding wire can be inserted directly into the terminal block.
b. For flexible stranded copper wire: use of ferrule is recommended around the stripped end of the wire. Then insert the wire with the ferrule into the terminal block and secure it.
c. For rigid stranded copper wire: insert the wire directly into the terminal block.

2.8. Tools & Parts Required for Installation

Table 2.3 Tools & Parts Required for Installation

Item	Qty	Model	Size	Incl.	Remark
Mounting Bracket	1	All	222x173x9 mm	Yes	Fasten charger to mounting surface
Screw	4	All	Tapping: #12	No	Fasten mounting bracket
	1	All	Mechanical: M6	Yes	Fasten charger & mount bracket
Wire, Copper	3	All	2 x 2 AWG (Max wire size #2), 1 x 8 AWG (for ground wire)	No	Other wire sizes may be acceptable depending on site conditions and AHJ
Conduit	1	All	1 inch	No	Protect power cable
Torx Screwdriver	1	All	Security Bit T20	No	
Hexagon Screwdriver	1	All	3/16	No	Tighten #12 tapping screws
Torque Wrench	1	All	40 kgf-cm min	No	
Amperage Reduction Label	1	All	195*140 mm	Yes	A reminder to the field installer.

Table 2.4 Tools & Parts Required for Optional Ferrule Use

Item	Qty	Model	Size	Incl.	Remark
Ferrule Crimping Tool	1	All		No	
Wire Ferrule	3	All	2 AWG, 8 AWG	No	(Qty 1) GND Wire Ferrule (qty 2) Phase Wire Ferrule

Public

3. Unboxing

Procedure 1. Box Opening Process

Step 1. Open the box and remove the upper plate.

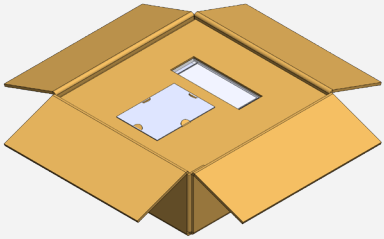

Figure 3.1 Open the Box

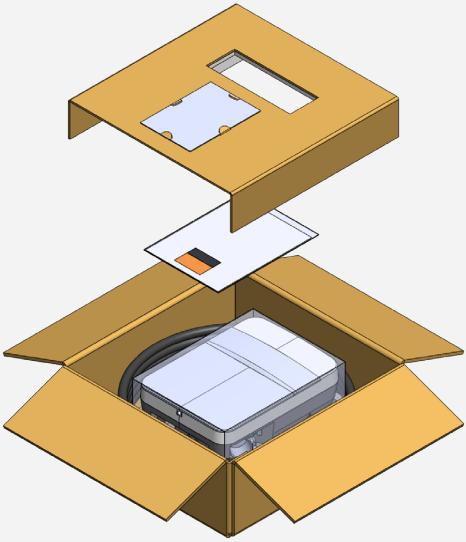

Figure 3.2 Unpack the Charger

Step 2. Take out the charger.

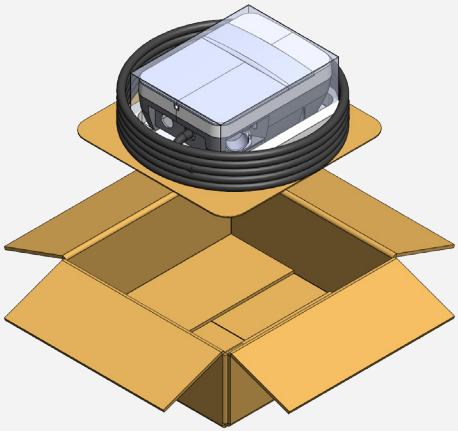

Figure 3.3 Remove the Charger

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4. Charger Installation

Step 1. Disassemble top cover.

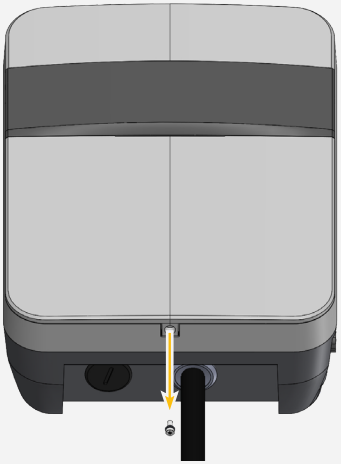

Figure 4.1 Loosen 1 pc M4 Screw

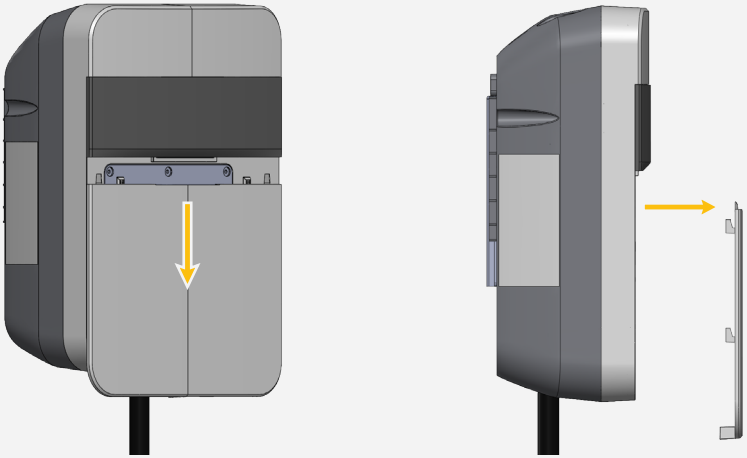

Figure 4.2 Push Front Cover Down, Then Pull it Off Charger

Step 2. Remove interior install cover.

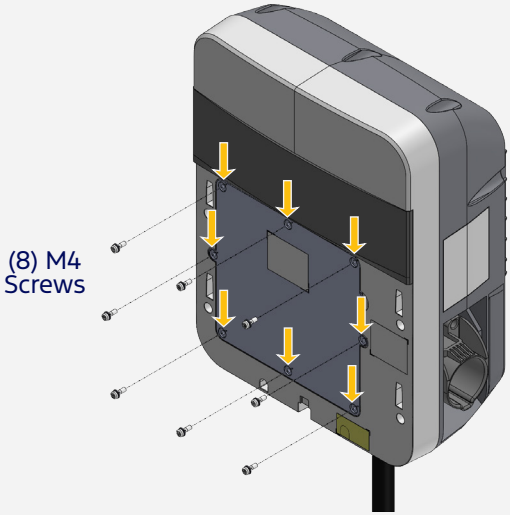

Figure 4.3 Loosen (8) M4 Screws to Open Interior Install Cover

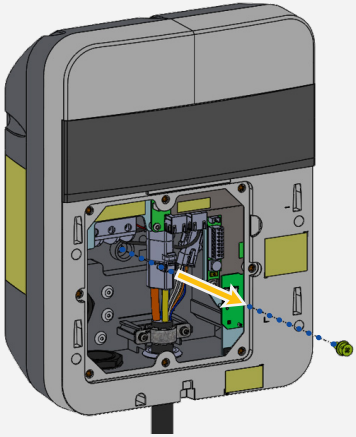

Figure 4.4 Remove M6 Screw

Public

Step 3. Remove the mounting bracket by sliding the bracket down and off the charger.

Figure 4.5 Remove the Mounting Bracket

Step 4. Secure the main body mounting bracket to the wall with appropriate screws.

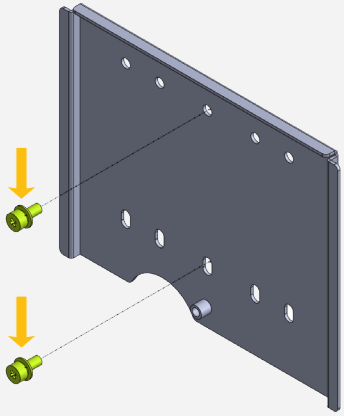

Figure 4.6 Fasten Mounting Bracket

Follow applicable accessibility requirements for the mounting position. The unit shall be stored or located at a sufficient height. For indoor sites, it should be installed between 18 inches (450mm) and 4 feet (1.2m) above ground. For outdoor sites, it should be installed between 24 inches (600mm) and 4 feet (1.2m) above ground. Refer to Article 625, NEC.

The mounting bracket has ten screw holes for different dimensions of mounting surfaces. If only two screws are used to fasten the mounting bracket, the screws should pass through the middle two screw holes of the mounting bracket.

Screw sizing suggestion:

- For masonry walls, use M6 mechanical screws. (Commercially Available)
- For finished walls supported by wood studs, use #12 tapping screws.
- Refer to the following screw torque guide. The actual torque is according to the wall material.

Screw	Length	Torque	
M6	14mm	31 kgf.cm min	27 lbf-in min
#12	25.4mm	25 kgf.cm min	22 lbf-in min

Step 5. Fasten Charger onto Mounting Bracket.

1. Put the charger on the mounting bracket.

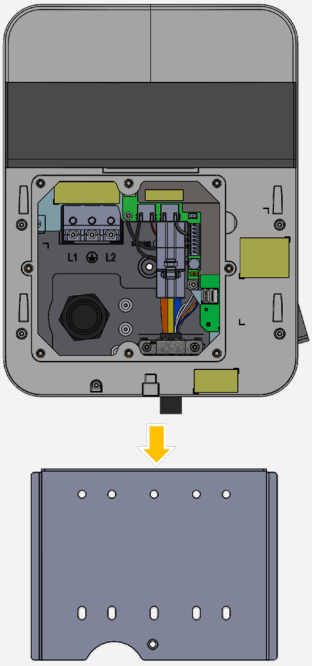

Figure 4.7 Secure Charger to Mounting Bracket

Public

2. Fasten charger on mounting bracket by tightening M6 screw.

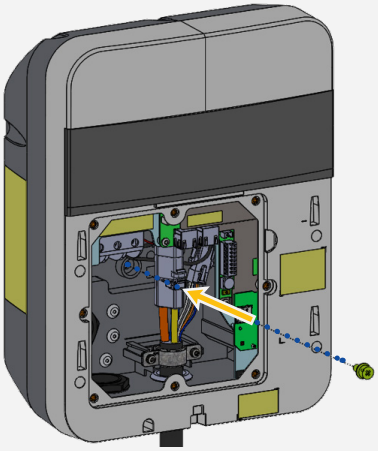

Figure 4.8 Fasten M6 Screw

3. Refer to the following screw torque guide.

Screw	Length	Torque	
M6	14mm	31 kgf.cm	27 lbf·in

4.1. Input Power Cord Installation

Step 6. Choose the appropriate conduit in accordance with all applicable state, local, and National Electrical Codes and standards.

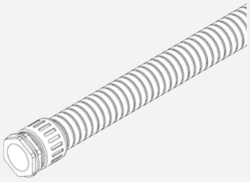

Figure 4.9 Conduit

Step 7. Connect the electrical wiring to the charger.

- Open Cap. Fold the wire ends to pass through the conduit and insert them into the input hole.

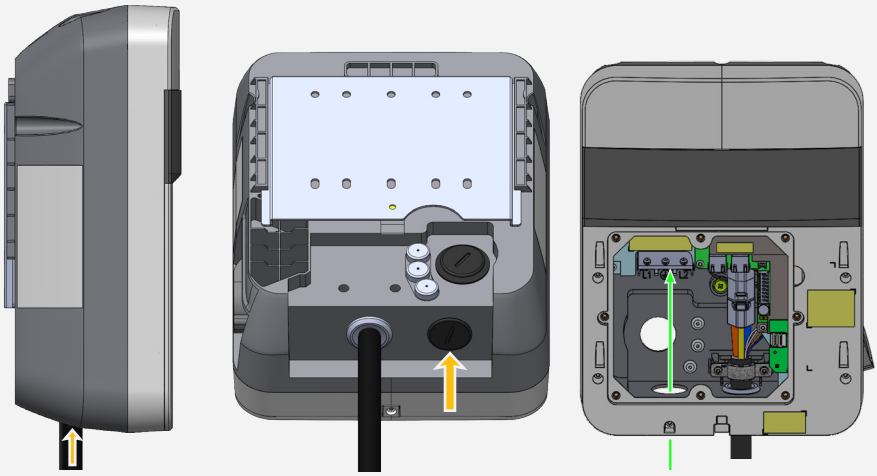

Figure 4.10 Cable Input Position

- For rear or bottom hole installation, use an appropriate conduit (1 inch conduit is recommended) which meets the NEMA 4 standard.

Refer to the following wire specification. Use a conductor type other than RHH, RHW and RGW-2 with outer covering. Choose the appropriate conductors in accordance with all applicable, state, local and national electric codes and standards.

The stripping length of the wire is recommended to be 15mm+/-0.5mm.

CAUTION RISK OF DAMAGE TO THE EQUIPMENT

Use copper conductors only. Failure to do so voids the warranty.

Rigid or flexible stranded copper wires can be used for installation. Ferrules are recommended when flexible stranded wire (class G, H, I and K wires) are used for installation. If ferrule is used, use UL certified ferrule with the corresponding UL certified tool. The size of the ferrule depends on the size of power wiring size. Use the appropriate ferrule size.

Model	Terminal	Conductor	Rating
Ford Pro™ AC Charging Station 80A (series 2)	L1, L2	2 AWG Max wire size #2	90°C copper wire
	G	8 AWG	

Public

Table 4.5 Wire Gauge to Ferrule Type

Wire Gauge	AWG						
	Rigid Stranded			Flexible Stranded			
	CSA Compact	Class B	Class C	Class G	Class H	Class I (DLO)	Class K
	Number of strands						
#8	7	7	19	49	133	41	168
#6	7	7	19	49	133	63	266
#4	7	7	19	49	133	105	420
#2	7	7	19	49	133	161	665
Sample							
Ferrule	Not Required			Recommended If ferrule is used, use UL certified ferrule w/ UL certified crimping tool Example: Z+F ferrule (V30AE000033) for 2 AWG wire + Z+F crimping tool (K70ZA000113), UL certified tool 			

If use flexible stranded wire with ferrule, make sure all wire strands are contained in the ferrule.

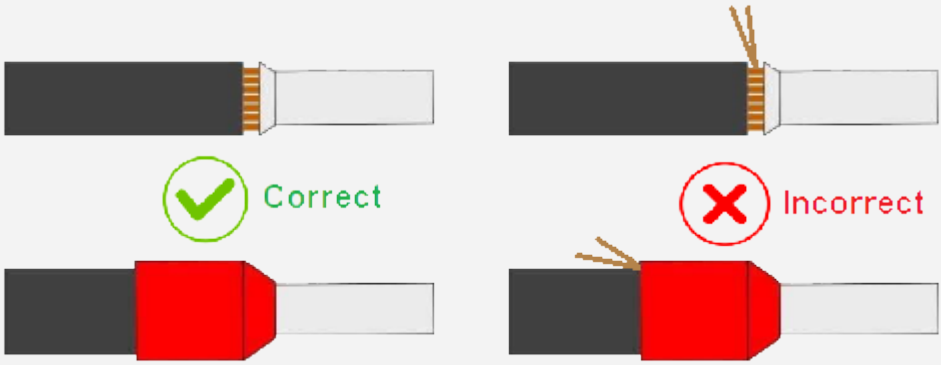

Figure 4.11 Ferrule Use

Step 8. Lock the conduit on the enclosure. Refer to the following torque.

Conduit	Torque	
1 "	35 kgf·cm	30 lbf·in

Step 9. Fasten the copper wire on the corresponding terminal block. The wiring instruction is printed in front of the terminal block (L1/L2/G).

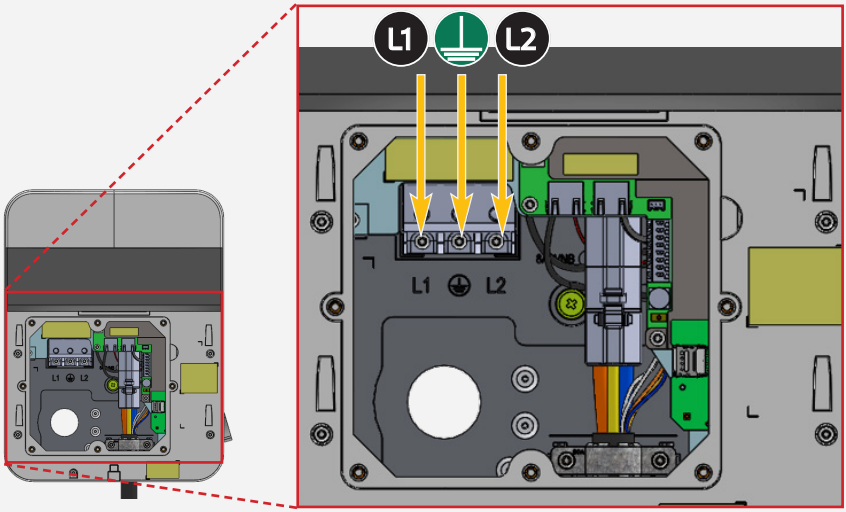

Figure 4.12 Input Wiring Position

Public

Step 10. Use the following torque to connect the wire to the terminal block.

Screw	AWG	Torque	
Hex 3/16	2~6	108 kgf-cm	94 lbf·in
	8	46kgf-cm	40 lbf·in
	10~14	40 kgf-cm	35 lbf·in

WARNING RISK OF FIRE OR EXPLOSION

To reduce the risk of fire, connect only to a circuit provided with the required branch circuit overcurrent protection in accordance with the National Electrical Code, ANSI/NFPA 70, and the Canadian Electrical Code, Part I, C22.2.

See Section 4.2. Adjust Max. Output Current (Optional) for details on charger derate settings.

4.2. Adjust Max. Output Current (Optional)

WARNING RISK OF ELECTRIC SHOCK

Power must remain off before setting or configuring the rotary switch.

Maximum Charger Current Set-point*	80A	64A	48A	40A	32A	24A	16A	12A
Recommended (Typical) Circuit Breaker Rating	100A	80A	60A	50A	40A	30A	20A	15A

CAUTION RISK OF DAMAGE TO THE EQUIPMENT

If this unit is installed outdoors, the breaker panel must be rated for outdoor installation. The breaker panel must be installed properly to maintain the proper NEMA rating of the enclosure.

Step 11. Configure the rotary switch to set the Max. output current. Default factory setting is 80A.

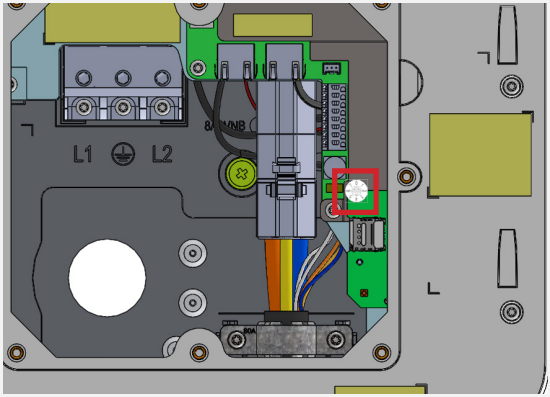

Figure 4.13 Rotary Switch Location

d. Turn OFF power.
e. Use a flathead screwdriver to adjust the rotary switch configuration appropriate for the installed circuit breaker.

Table 4.1 Rotary Switch Configuration

Rotary Switch Configuration	Maximum Output Current	Circuit Breaker
0	12A	15A
1	16A	20A
2	24A	30A
3	32A	40A
4	40A	50A
5	48A	60A
6	64A	80A
7	80A	100A

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If the charger is installed on a circuit breaker smaller than 100A, the rotary switch should be adjusted to limit charger output to less than or equal to 80% of the circuit breakers rating. (E.g.: For a 60A circuit breaker, the charger output limit should be adjusted to no more than 48A.) If needed, Amperage Reduction Labels are available to place on charger and circuit breaker.

f. Confirm the output current on the bottom of the LCD screen after cover is reinstalled and charger is powered ON.

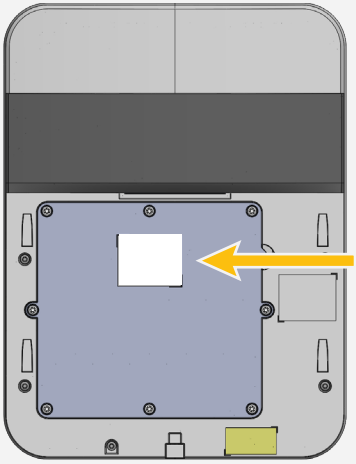
Step 12. Reassemble interior install cover and front cover then fasten M4 screw.

Screw	Length	Torque	
M4	12mm	8 kgf·cm	7 lbf·in

Step 13. Stick the Amperage Reduction Label on the Charger.

If you need to set your charger's current lower than the max. rating, use the label corresponding to your selected current value from the amperage reduction label.

The rotary switch label sticker is on the installation cover.



	Max. output current Max. courant de sortie	Circuit breaker & Wire rating Disjoncteur et calibre de fil	Typical input wire (AWG) Fil d'entrée typique	
			L1/L2	GND
0	12A	15A	14	14
1	16A	20A	14	12
2	24A	30A	10	10
3	32A	40A	8	10
4	40A	50A	6	10
5	48A	60A	6	10
6	64A	80A	3	8
7	80A	100A	2	8

Figure 4.14 Rotary Switch Label Sticker on the Interior Install Cover

4.3. Installation Completion

Step 14. Install front cover then fasten M4 screw.

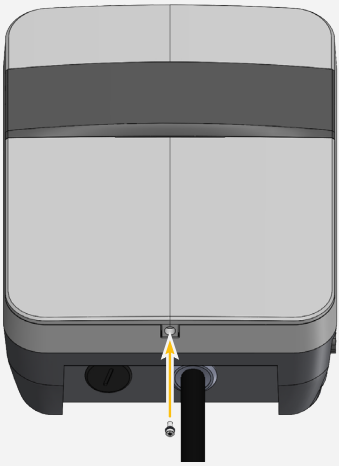


Figure 4.15 Loosen 1 pc M4 Screw

Screw	Length	Torque	
M4	12mm	8 kgf.cm	6.9 lbf·in

Step 15. Stick the product label over the main label to cover up the original In/Out information.

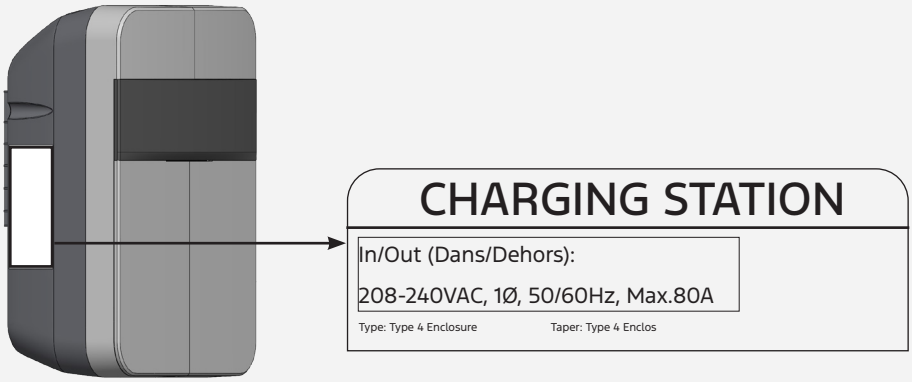


Figure 4.16 Amperage Reduction Label on Charger Side

Step 16. Stick the Amperage label on the breaker (optional).

Public

5. Operations

5.1. Charging Status Indicators

Table 5.1 Charging Status Indicators

LED Indicator	Description	Definition
	Not Illuminated	Power Off
	Green Steady	Ready to Charge
	Green Flashing	Fast (every ~1 second): Pending authorization please plug in and tap RFID, if required
	Green Pulsing	Slow (every ~6 seconds): Charger is ready and waiting on EV
	Blue Flashing	Flashing blue (Slow): Charging
	Red Steady	Unrecoverable Fault
	Red Flashing	Recoverable Fault
	Yellow Flashing	Booting / Firmware Upgrading / Out of Service

5.2. RFID Access Control Management

RFID Access Control is an optional software feature on the chargers. Reach out to Ford Pro™ Charging fordpro.com for customer support options to Purchase RFID Cards and to Add, Activate, & De-Activate RFID cards from Account or Assign/Associate RFID cards to Charging Depot.

5.3. Troubleshooting Guide

Scan the QR Code for the associated troubleshooting errors.

5.4. Charging an Electric Vehicle (EV)

Start charging using one of the below methods:

5.4.1. Operation for Charger as Shipped

1. Release charging connector from holster.
2. Insert the charging connector into the EV.
3. Charging session started.

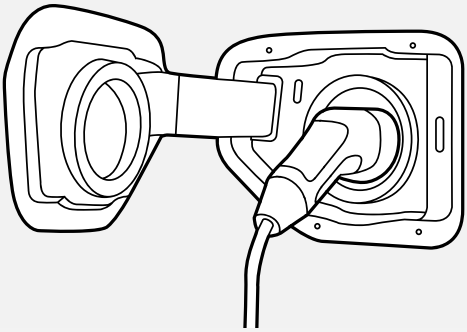


Figure 5.1 Connect the Charging Connector to the EV

or

5.4.2. If RFID Access Control is enabled on your charger, then you will authorize charge session by RFID Card (Authorize first and then plug)

1. Swipe card.
2. Wait until the screen changes to “authorizing”.
3. Insert the charging connector into the EV. If charging connector is not connected to the EV within 60 seconds the RFID authorization will expire. User will need to swipe card again.
4. Charging session started.

5.5. Stop Charging

1. Unplug any time (disconnect the charging plug from EV to stop charging session).
2. Session ended (return the connector to the holster).

Public

5.5.1. Auto Restart

When a charging session is interrupted due to a temporary error condition, the charger will automatically restart charging when the cause of the temporary error condition returns to normal. Status indicator lights remain flashing RED until the error condition is resolved.

1. Temporary error conditions included: Over Current, Over Voltage, Under Voltage, and Over Temperature.
2. For Over Current (OC) conditions: The charging session will be stopped while OC occurs. After recovery from OC for 5 minutes, the charger will automatically attempt to restart charging three times.
3. When charging session stopped due to CCID trip, the charger will try to restart 3 times after every 15 minutes.

5.5.2. Power Outage Recovery

When power resumes after an outage, the charger restarts automatically with a delay ranging from 120 to 720 seconds. The variable delay is to avoid impacting the utility grid when multiple charge points in the same area attempt to resume charging simultaneously.

5.6. General Care

The exterior of the charger is designed to be waterproof and dust proof. There is no preventative maintenance required. To ensure proper maintenance of the charger, follow these guidelines:

- Despite the water resistance of the enclosure, it is preferred to not direct streams of water at the unit. When cleaning it, clean with a soft, damp cloth.
- Make sure the charging plug is put back in the holster after charging to avoid damage.
- Ensure the power cable is stored on the holster after use to avoid damage.
- If the power cable or the charging plug is damaged, contact Customer Support for replacement.

5.7. Customer Support

Visit www.fordpro.com for additional customer support. Call US Customer Support: 800-343-5338 or Canadian Customer Support: 800-668-5515 or email at chargingsupport@fordpro.com.

5.8. Limited Warranty

The Limited Warranty associated with your charger is subject to certain exceptions and exclusions. For the terms of the limited warranty visit FordPro.com.

Installer Check List

After installation of your Ford Pro™ charger, we recommend having the installation provider and you fill out this form and save a copy for your records. In the event of a customer service call, the information collected on this form may be useful to reference.

Within the quick start guide there is a QR code which links to the full installation manual.

Filling this form out will save money on calling electrician to fill out later post-installation and will expedite customer service calls into the customer service center.

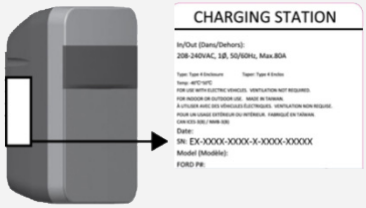
This form is recommended as a place to capture information that is commonly asked or that may be useful for diagnosis of potential issues and assistance with troubleshooting of your Ford Pro™ charger. Ford Motor Company and Ford Pro™ cannot guarantee the accuracy of the information collected in this form. Neither Ford Motor Company nor Ford Pro™ shall be responsible for completion or verification of the form, or any costs or expenses related to completing this form or verifying the information provided.

1. Customer Information: (Optional)

Name:	
Address:	
Phone:	
Email:	

2. Serial Number of the Unit:

Serial Number (Located on the left side of the charger)



3. Installation Information:

Install Date:	
Brief Description of Charger Location (e.g., inside or outside, home or depot, post or wall-mounted)	
Protective Equipment Installed (bollards, wheel stops, etc.)?	

4. Electrical Information:

Voltage Type:	240V split-phase	208V three-phase	240V three-phase delta
What is the total amperage of the panel to which the charger is connected?			
Is this panel dedicated just to your Ford EV chargers?	Yes	No	
Max Current Switch Setting, if applicable (if your charger has a hardware dip-switch, what is the current setting?)			

Electrical Information Specifics – circle in the table below or fill out in the last column the breaker size, amp output rating, wire size for L1 and L2, wire size for ground (GND), and wire coating.

Recommendations, need to comply with local AHJ. Choose or specify for each row.								Other
Breaker Size:	100	80	60	50	40	30	20	Specify: _____
Amp Output Rating:	80	64	48	40	32	24	16	Specify: _____
Wire Size (L1 & L2):	#2	#4	#6	#6	#8	#8	#10	Specify: _____
Wire Size (GND):	#8	#8	#8	#8	#10	#10	#12	Specify: _____
Wire Material:	Copper							Copper
Wire Coating:	THHN, THWN-2, XHHW-2							Specify: _____

Have all the wires been installed with the torque specified in this manual?	Yes	No
Voltage Reading (L1 to GND): write in		
Voltage Reading (L2 to GND): write in		
Voltage Reading (L1 to L2): write in		
Was an external energy / load management system installed?	Yes	No

5. Testing Information

Has the charger been tested to verify connectivity?	Yes	No
Has the charger been tested to verify it charges a vehicle successfully?	Yes	No
Additional Notes or Comments		

6. Inspection Information

Has the installation passed any required inspections?	Yes	No	If so what date: _____

7. Installation Provider Information

Company Name:	
Company Electrical License performing work under:	
Date:	

Public

Canadian French Installation Manual
Manuel d'Installation en Français Canadien

Cette page est intentionnellement laissée vide.

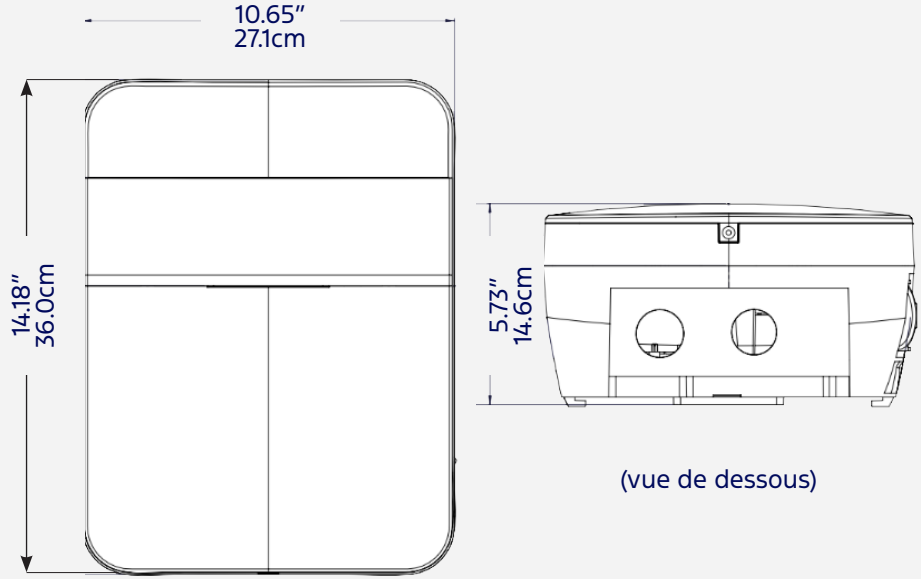
Public

1. Introduction

1.1. Vue d'Ensemble

Ce manuel d'utilisation s'applique au Ford Pro™ Chargeur CA 80A (Série 2). Toute modification non autorisée annulera la garantie du fabricant.

Schéma 1.1 Vue de Face



(vue de face)

(vue de dessous)

Schéma 1.2 Dimensions de la borne de recharge Ford Pro™ CA de 80 A (Série 2)

1.2. Contenu de la Boîte

À l'intérieur de la boîte, vous trouverez les accessoires suivants.

Schéma 1.3 Contenu de la Boîte

Tableau 1.1 Accessoires dans la Boîte

Article	Description	QTY	Remarque
1	Chargeur-80A	1	
2	Support de montage	1	Fixé à l'arrière du chargeur
3	Guide d'installation	1	
4	Étiquette d'élec-tricité	1	Si le chargeur est installé dans un lieu public, veuillez placer l'étiquette sur la couverture avant.
5	Étiquette d'intensité	1	
6	Guide de démarrage rapide	1	

1.3. Spécifications du Produit

Tableau 1.1 Spécifications du produit

Composant	Spécification
Élément	Chargeur 80A
Application	Au dépôt de parc ou à domicile
Voltage (Vac)	208/240VAC (-20% ~ + 15%), monophasée
Tension Ligne à la Terre	120V +/- 10%
Fréquence (Hz)	60Hz

Composant	Spécification
Rated Current (Amp)	Max. 80 A
Charging Connector	SAE J1772 Type 1
LED Indications	Se reporter à la Section 5.1. Gestion du contrôle d'accès par RFID
Cellulaire*	Connexion M2M (4G Cat M1/ Cat NB2/ EGPRS)
Affichage	4" (W) x 2.5" (H) 10.35cm (W) x 6.54cm (H)
Communications cloud	OCPP 1.6J
Méthode d'authentification	Compatible ISO15118 + RFID
Temp. de fonctionnement	-40°F to 122°F (-40°C to 50°C)
Temp. de stockage	-40°F to 176°F (-40°C to 80°C)
Altitude de fonctionnement max.	11482.9ft (3,500m) au-dessus du niveau de la mer
Précision du mètre	±1%
Type de support	Support mural / Support sur pied (en option)
Type de câblage	Câblé
Niveau de boîtier	NEMA 4
Résistance à l'impact	IK10
Dimension (H x L x P)	14.18" x 10.65" x 5.73" (36.0cm x 27.1cm x 14.6cm)
Gestion du portail Web	Oui (préconfiguré, non requis pour l'utilisation)
Console Management	Oui, avec abonnement aux Solutions de recharge Ford Pro
Certification	UL 1998/2231/2594 FCC Partie 15B FCC Partie 15.247 (WLAN 2.4GHz) Energy Star FCC Partie 22/24/27

REMARQUE

* La connexion cellulaire est préconfigurée sur le chargeur. Si aucune connexion cellulaire n'est disponible, la borne peut être configurée par Ethernet et (ou) Wi-Fi, si disponible. Si vous avez besoin d'assistance, communiquez avec les Solutions de recharge Ford Pro au 1 800 34-FLEET.

Cette page est intentionnellement laissée vide.

2. CONSIGNES DE SÉCURITÉ IMPORTANTES

Ce document contient des instructions et des avertissements qui doivent être respectés lors de l'installation et de l'utilisation de l'équipement d'alimentation du véhicule électrique (Charger). Avant d'installer ou d'utiliser l'Charger, lisez l'intégralité de ce document ainsi que les mentions AVERTISSEMENT et ATTENTION qui y figurent.

Les symboles utilisés ont la signification suivante:

AVERTISSEMENT: RISQUE DE SUFFOCATION

AVERTISSEMENT: RISQUE DE BLESSURES CORPORELLES

AVERTISSEMENT: RISQUE DE CHOC ÉLECTRIQUE

AVERTISSEMENT: RISQUE D'INCENDIE OU D'EXPLOSION

ATTENTION: RISQUE D'ENDOMMAGEMENT DE L'APPAREIL

NOTE: Informations relatives à la procédure

- Les informations fournies dans ce manuel n'exonèrent en aucun cas l'utilisateur de la responsabilité de respecter tous les codes ou normes de sécurité en vigueur.
- Ce document fournit des instructions pour l'équipement d'alimentation du véhicule électrique (Chargeur) et ne doit pas être utilisé pour tout autre produit.

2.1. Clause de Réparation et D'entretien

- Seuls des électriciens agréés peuvent réparer ou entretenir cet équipement. Il est interdit aux utilisateurs ordinaires de le réparer ou de l'entretenir.
- Coupez l'alimentation avant de réparer ou d'entretenir cet équipement.

2.2. Déclaration de la Commission Fédérale des Communications sur les Interférences

Cet équipement est conforme à la partie 15 des règles de la FCC. Son fonctionnement est soumis aux deux conditions suivantes: (1) Cet équipement ne doit pas causer d'interférences nuisibles, et (2) cet équipement doit accepter toute interférence reçue, y compris les interférences pouvant causer un fonctionnement indésirable.

Cet équipement a été testé et déclaré conforme aux limites d'un appareil numérique de classe B, conformément à la partie 15 des règles de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et peut émettre de l'énergie de fréquence radio et, s'il n'est pas installé et utilisé conformément aux instructions, peut causer des interférences nuisibles aux communications radio. Cependant, il n'y a aucune garantie que des interférences ne se produiront pas dans une installation particulière. Si cet équipement cause des interférences nuisibles à la réception de la radio ou de la télévision, ce qui peut être déterminé en éteignant et en allumant l'équipement, l'utilisateur est encouragé à essayer de corriger les interférences par l'une ou plusieurs des mesures suivantes:

- Réorientez ou déplacez l'antenne de réception.
- Augmentez la distance entre l'équipement et le récepteur.
- Connectez l'équipement à une prise sur un circuit différent de celui auquel le récepteur est connecté.
- Consultez le revendeur ou un technicien radio/TV expérimenté pour obtenir de l'aide.

Les changements ou modifications non couverts par ce guide doivent être approuvés par écrit par le service d'ingénierie réglementaire du fabricant. Les changements ou modifications effectués sans approbation écrite peuvent annuler l'autorisation de l'utilisateur à exploiter cet équipement.

2.3. Déclaration d'Industrie Canada

Le présent appareil est conforme aux CNR d' ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

2.4. Déclaration d'exposition aux radiations

Cet équipement est conforme aux limites d'exposition aux rayonnements FCC / ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à plus de 20 cm entre le radiateur et votre corps.

AVERTISSEMENT	RISQUE DE BLESSURES CORPORELLES
	Cet équipement est destiné uniquement aux véhicules de charge qui ne nécessitent pas de ventilation pendant la charge. Veuillez consulter le manuel du propriétaire de votre véhicule pour déterminer les exigences en matière de ventilation.

AVERTISSEMENT	RISQUE DE BLESSURES CORPORELLES
	N'utilisez pas de câbles d'extension pour augmenter la longueur du câble de charge. La longueur maximale est limitée à 25 pieds par la National Fire Protection Agency.

Public

AVERTISSEMENT RISQUE DE BLESSURES CORPORELLES

Ne pas traîner cet équipement par le câble d'alimentation.

AVERTISSEMENT RISQUE DE CHOC ÉLECTRIQUE

Les précautions de base doivent toujours être respectées lors de l'utilisation de produits électriques, notamment les suivantes:

- Lire toutes les instructions avant d'utiliser cet équipement.
- Cet équipement doit être surveillé lorsqu'il est utilisé en présence d'enfants.
- Ne pas mettre les doigts dans le connecteur EV.
- N'utilisez pas cet équipement si le le cordon d'alimentation flexible ou le câble EV est effiloché, si l'isolation est rompue ou s'il présente d'autres signes de dommages.
- N'utilisez pas cet équipement si le boîtier ou le connecteur EV est cassé, fissuré, ouvert ou présente tout autre signe d'endommagement.

AVERTISSEMENT RISQUE DE CHOC ÉLECTRIQUE

Une connexion incorrecte du conducteur de terre de l'équipement peut entraîner un risque de choc électrique. Vérifiez auprès d'un électricien ou d'un réparateur qualifié si vous avez des doutes quant à la mise à la terre correcte du produit.

AVERTISSEMENT RISQUE DE CHOC ÉLECTRIQUE

Ne pas toucher les pièces électriques sous tension. Des connexions incorrectes peuvent provoquer un choc électrique.

AVERTISSEMENT RISQUE DE CHOC ÉLECTRIQUE

Ne pas retirer le couvercle ou tenter d'ouvrir le boîtier. Aucune pièce réparable par l'utilisateur ne se trouve à l'intérieur. Confiez l'entretien à un technicien qualifié.

AVERTISSEMENT RISQUE D'INCENDIE OU D'EXPLOSION

Pour réduire le risque d'incendie, remplacez uniquement par un fusible de même type et de même calibre.

AVERTISSEMENT RISQUE D'INCENDIE OU D'EXPLOSION

Cet équipement comporte des pièces internes qui produisent des arcs ou des étincelles et ne doit pas être exposé à des vapeurs inflammables. Il ne doit pas être installé dans une zone encastrée ou sous le niveau du sol. Fonction de réinitialisation automatique fournie.

AVERTISSEMENT RISQUE D'INCENDIE OU D'EXPLOSIONZ

N'utilisez pas cet appareil avec une rallonge.

ATTENTION RISQUE D'ENDOMMAGEMENT DE L'APPAREIL

N'utilisez pas cet équipement à des températures situées en dehors de sa marge de tolérance de -40°F à +121°F (-40°C à +50°C).

ATTENTION RISQUE D'ENDOMMAGEMENT DE L'APPAREIL

Conservez cet équipement dans un endroit propre et sec à des températures comprises entre -40°F à +176°F (-40°C et +80°C).

ATTENTION RISQUE D'ENDOMMAGEMENT DE L'APPAREIL

Ne pas dépasser un maximum de 150V à la terre.

CONSERVER CES INSTRUCTIONS

2.5. Procédure de Cadenassage et D'étiquetage

La procédure de cadenassage qui suit doit être passée en revue par le technicien avant d'entreprendre les travaux sur l'équipement d'alimentation de véhicule électrique (EAVE). Il est obligatoire de suivre ces étapes pour accéder à l'EAVE en toute sécurité.

Étape 1. Prévenir les personnes concernées

Prévenez toutes les personnes qui pourraient être touchées par la coupure de courant avant de procéder.

Étape 2. Déterminer les procédures et les dangers

Lisez toutes les consignes de sécurité avant de couper le courant pour prendre conscience des avertissements et des mises en garde.

Étape 3. Arrêter la borne de recharge et l'isoler de la source d'alimentation

Coupez le courant en trouvant la source d'alimentation de la borne de recharge, puis en déconnectant le câble d'alimentation ou en arrêtant le dispositif d'alimentation.

Étape 4. Mettre en place le dispositif de cadenassage et d'étiquetage sur l'équipement

Pour éviter que l'équipement soit utilisé ou remis en marche par inadvertance, mettez en place tout dispositif de cadenassage et d'étiquetage nécessaire. Cela comprend un cadenas pour maintenir le dispositif d'alimentation à l'arrêt, ainsi qu'une étiquette avec la mention "Danger" et le nom de la personne responsable de la procédure de cadenassage et d'étiquetage.

Étape 5. Vérifier l'énergie emmagasinée

Une fois que la borne de recharge a été isolée de la source d'alimentation, assurez-vous que toute l'énergie résiduelle de l'équipement est dissipée avant de commencer l'entretien ou la réparation.

Étape 6. Vérifier l'isolement

Assurez-vous que l'alimentation de la borne de recharge est coupée. Les lumières à DEL devraient être éteintes, l'écran d'affichage devrait être noir ou vide et aucune énergie ne devrait être fournie quand le pistolet de recharge est branché à un véhicule électrique ou à un simulateur de véhicule électrique.

Étape 7. Remettre l'équipement en marche

À la fin de l'entretien ou de la réparation, assurez-vous que la borne de recharge est réassemblée adéquatement et retirez tous les outils de l'aire de travail. Assurez-vous que toutes les personnes se trouvent dans un lieu sûr et que les commandes de contrôles sont à la position neutre. Puis, retirez le cadenas et l'étiquette de l'équipement, et remettez-le sous tension.

2.6. Contrôle de Sécurité Avant l'installation

- Vérifiez l'absence de dommages dus au transport.
- Avant de connecter le produit à l'alimentation électrique, vérifiez que la tension et le courant nominal de l'alimentation correspondent aux détails de l'alimentation indiqués sur l'étiquette signalétique du produit. La valeur d'usine par défaut est 80A. Aucun ajustement n'est nécessaire.

Le chargeur ne doit être installé que par un électricien agréé, conformément aux dispositions de la construction électrique locale et doit être conforme aux normes et codes électriques nationaux.

DANGER RISQUE DE SUFFOCATION

Conservez tous les matériaux d'emballage hors de portée des enfants - ces matériaux sont une source potentielle de danger, par exemple d'étouffement.

ATTENTION RISQUE D'ENDOMMAGEMENT DE L'APPAREIL

Débranchez la source d'alimentation avant d'installer ou de réparer la borne de recharge. Autrement, des blessures ou des dommages à la source d'alimentation et à la borne de recharge pourraient survenir.

ATTENTION RISQUE D'ENDOMMAGEMENT DE L'APPAREIL

Évitez de toucher l'écran ACL, car vous pourriez l'endommager.

ATTENTION RISQUE D'ENDOMMAGEMENT DE L'APPAREIL

N'utilisez pas de rallonge.

Avant d'installer le chargeur, assurez-vous d'avoir lu toutes les instructions de ce manuel et de bien comprendre son contenu.

Une protection appropriée est nécessaire lors du raccordement à un tableau de distribution principal. Les outils et pièces utilisés sont décrits dans la Section 2.8. Outils & Pièces Nécessaires à L'installation.

2.7. Instructions de Mise à la Terre

La borne de recharge doit être munie d'une mise à la terre de l'équipement, conformément à la norme NEC 250.56, au moyen d'un système de câblage permanent ou d'un conducteur de mise à la terre de l'équipement. Servez-vous d'un fil de mise à la terre dédié, puis effectuez le branchement sur le bornier de mise à la terre de la borne de recharge. Utilisez un fil de mise à la terre en cuivre isolé avec une gaine rayée verte ou verte et jaune calibré à 90 °C.

a. Dans le cas d'un fil en cuivre massif : le fil de mise à la terre peut être inséré directement dans le bornier.
b. Dans le cas d'un fil de cuivre toronné flexible : l'utilisation d'une virole est recommandée autour de l'extrémité dénudée du fil. Insérez ensuite le fil avec la virole dans le bornier et fixez-le.
c. Dans le cas d'un fil de cuivre toronné rigide : insérez le fil directement dans le bornier.

2.8. Outils & Pièces Nécessaires à L'installation

Tableau 2.2 Outils & Pièces Nécessaires à L'installation

Outil	QTÉ	Modèle	Taille	Incl.	Remarque
Support de montage	1	All	222x173x9 mm	Oui	Fixer le chargeur à la surface de montage
Vis	4	All	Taraudage: #12	Non	Fixer le support de montage
	1	All	Mécanique: M6	Oui	Fixer le chargeur et le support de montage
Fil de cuivre	3	All	2 x 2 AWG (Taille maximale du fil #2), 1 x 8 AWG (pour le fil de terre)	Non	D'autres sections de fils peuvent être acceptées conformément aux conditions du site d'installation et aux autorités compétentes
Conduit	1	All	25 mm	Non	Protéger le câble d'alimentation
Tournevis Torx	1	All	Bit de sécurité T20	Non	
Tournevis à six pans	.1	All	3/16	Non	Serrer les vis taraudeuses #12
Clé dynamométrique	1	All	40 kgf·cm min	Non	
Étiquette de réduction de l'intensité du courant électrique	1	All	195*140 mm	Oui	Un rappel à l'installateur sur site

Tableau 2.3 Outils & Pièces Nécessaires pour l'Utilisation Optionnelle d'une Virole

Outil	QTÉ	Modèle	Taille	Incl.	Remarque
Pince à sertir pour virole	1	Tous		Non	
Virole de fil	3	Tous	2 AWG, 8 AWG	Non	(Qté 1) Virole de fil de mis à la terre (Qté 2) Virole de fil de phase

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3. Ouverture de la Boîte

Processus 4. D'ouverture de la Boîte

1. Ouvrez la boîte et retirez la plaque supérieure.

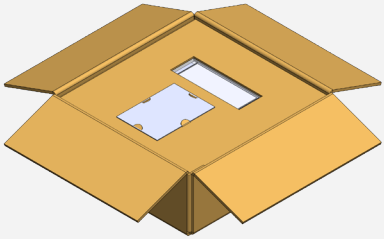

Schéma 3.5 Ouverture de la Boîte

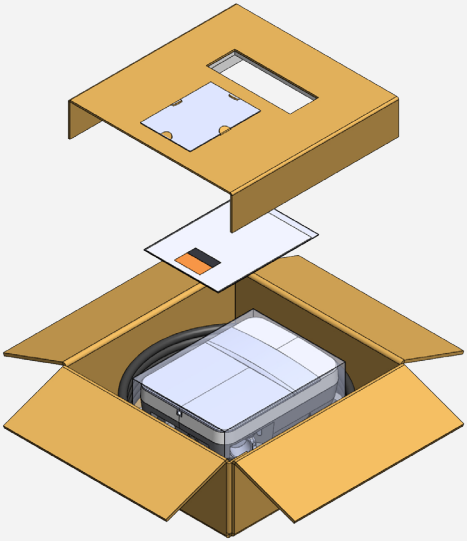

Schéma 3.6 Déballez la Boîte

2. Retirez le chargeur.

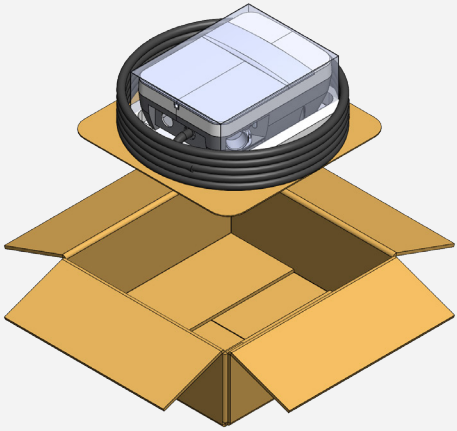

Schéma 3.7 Retirez le chargeur

Public

4. Installation du Chargeur

Step 1. Démonter le couvercle supérieur.

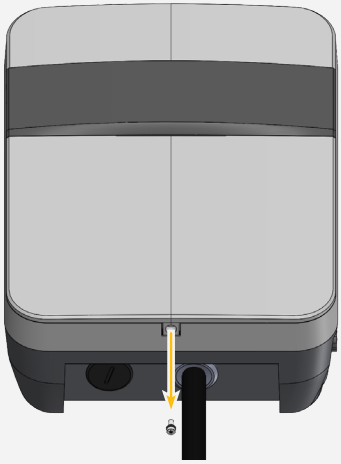

Schéma 4.1 Desserrez 1 vis M4

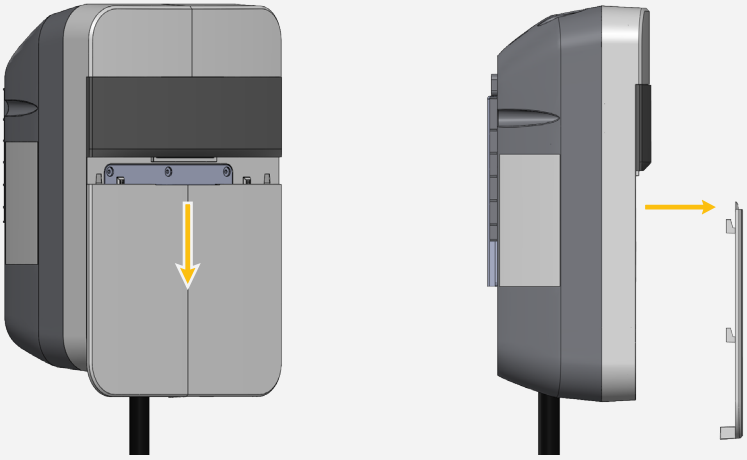

Schéma 4.2 Tirez vers le bas le couvercle frontal, puis dégagez-le partiellement du chargeur

Étape 2. Retirer le couvercle intérieur.

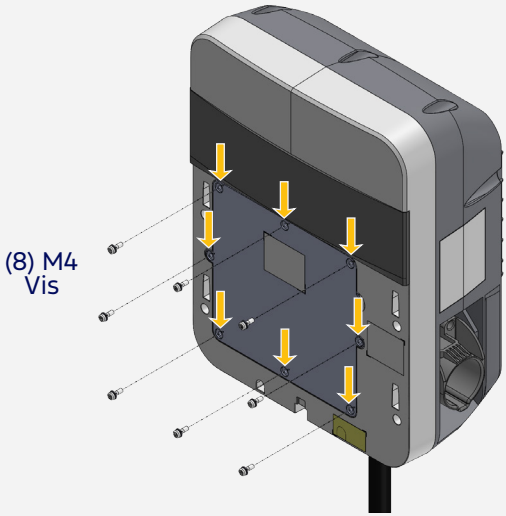

Schéma 4.3 Desserrez les 8 vis M4 et Ouvrez le Couvercle de L'installation

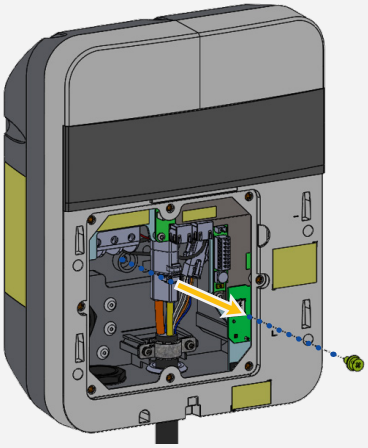

Schéma 4.4 Retirez la vis M6

Public

Étape 3. Retirer le support de montage en le faisant glisser vers le bas de la borne de recharge.

Schéma 4.5 Retirez le Support de Montage

Étape 4. Fixez le support de montage du corps principal au mur avec la vis appropriée.

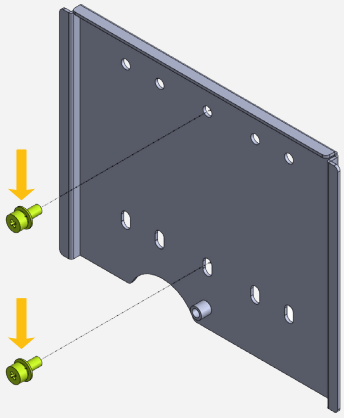

Schéma 4.6 Fixer le Support de Montage

Respectez les exigences d'accessibilité applicables à la position de montage. L'unité doit être stockée ou située à une hauteur suffisante. Pour un site intérieur, elle devrait être installé entre 450 mm (18 pouces) et 1.2 mètre (4 pieds) au-dessus du sol. Pour un site extérieur, elle devrait être installé entre 600 mm (24 pouces) et 1.2 mètre (4 pieds) au-dessus du sol. Reportez-vous à l'article 625, NEC.

Le support de montage comporte dix trous de vis pour différentes dimensions de surfaces de montage. Si seulement deux vis sont utilisées pour fixer le support de montage, les vis doivent passer par les deux trous de vis du milieu du support de montage.

Suggestion de dimensions des vis:

- Pour les murs en maçonnerie, utilisez des vis mécaniques M6. (Disponible dans le commerce)
- Pour les murs finis soutenus par des montants en bois, utilisez des vis à tôle #12. (Modèle d'accessoires)
- Veuillez vous référer au couple suivant. Le couple réel dépend du matériau de la paroi.

Vis	Longueur	Couple	
M6	14mm	31 kgf·cm min	27 lbf·in min
#12	25.4mm	25 kgf·cm min	22 lbf·in min

Step 5. Fixez le chargeur sur le support de montage

1. Placez le chargeur sur le support de montage.

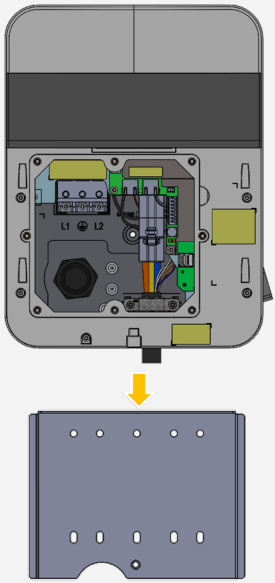

Schéma 4.7 Fixer le Chargeur au Support de Montage

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2. Fixer le chargeur sur le support de montage en serrant la vis M6.

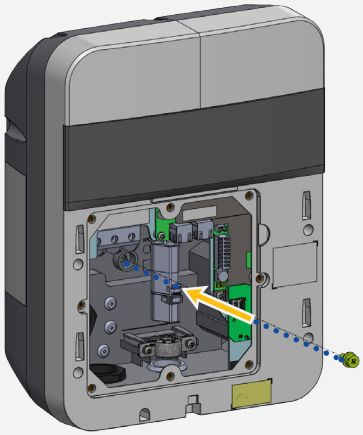

Schéma 4.8 Fixer la Vis M6

3. Veuillez vous référer au couple suivant.

Vis	Longueur	Couple	
M6	14mm	31 kgf.cm	27 lbf·in

4.1. Installation du câble d'alimentationd'entrée

Étape 6. Choisissez le conduit approprié conformément à tous les codes et normes électriques nationaux, locaux et nationaux applicables.

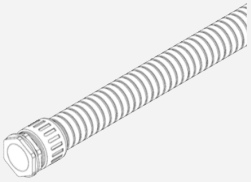

Schéma 4.9 Conduit

Étape 7. Câblage électrique vers le chargeur.

- Ouvrez le couvercle. Pliez les extrémités du fil pour le faire passer dans le conduit et insérez-les dans le trou d'entrée. Fixez le chargeur sur le support de montage.

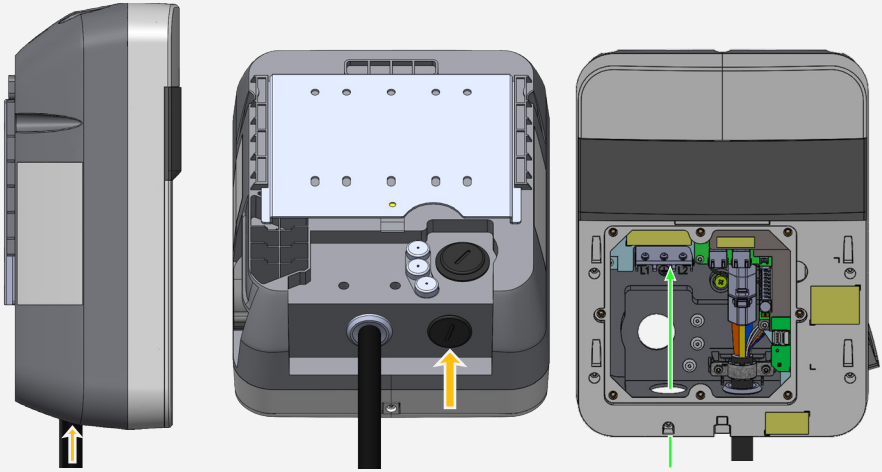

Schéma 4.10 Position de l'Entrée du Câble

- Pour une installation par le bas, utiliser un conduit de 1 po conformément à la norme TYPE 4.

Se référer aux spécifications des fils suivantes. Utiliser un type de conducteur autre que RHH, RHW et RGW-2 avec un revêtement extérieur. Choisissez les conducteurs appropriés conformément à tous les codes et normes électriques nationaux, provinciaux et locaux applicables.

Il est recommandé de dénuder le fil sur une longueur de 15mm+/-0,5mm.

ATTENTION RISQUE D'ENDOMMAGEMENT DE L'APPAREIL

Utiliser uniquement des conducteurs en cuivre. À défaut de respect de cette directive, la garantie sera annulée.

Les fils de cuivre toronnés flexibles ou rigides peuvent être utilisés pour l'installation. Les viroles sont recommandées avec l'utilisation de fils toronnés flexibles (classes G, H, I et K). Utilisez une virole certifiée UL avec l'outil certifié UL correspondant. La taille de la virole dépend de la taille du câblage d'alimentation. Utilisez la taille de virole appropriée.

Modèle	Terminal	Conducteur	Classement
Ford Pro™ Chargeur CA 80A (Série 2)	L1, L2	2 AWG Taille maximale du fil #2	Fil de cuivre 90 °C
	G	8 AWG	

Public

Table 4.4 Calibre de Fil Correspondant au Type de Virole

Calibre de fil	AWG						
	Toronné rigide			Toronné flexible			
	CSA compact	Classe B	Classe C	Classe G	Classe H	Classe I (DLO)	Classe K
	Nombre de brins						
N° 8	7	7	19	49	133	41	168
N° 6	7	7	19	49	133	63	266
N° 4	7	7	19	49	133	105	420
N° 2	7	7	19	49	133	161	665
Échantillon							
Virole	Aucun			Recommandé Utilisez une virole certifiée UL avec un outil à sertir certifié UL. Exemple : Virole Z+F (V30AE000033) pour fil 2 AWG + pince à sertir Z+F (K70ZA000113) certifiée UL 			

Si vous utilisez un fil toronné flexible avec une virole, assurez-vous que tous les brins du fil sont contenus dans la virole.

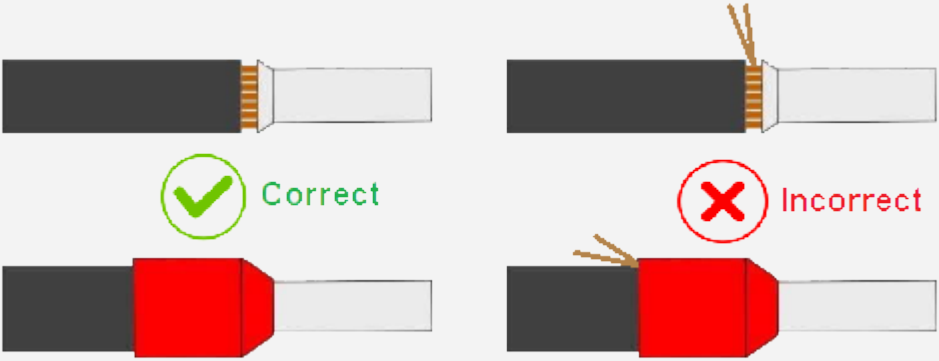

Schéma 4.11 Utilisation de Virole

Étape 8. Verrouillez le conduit sur le boîtier. Veuillez vous référer au couple suivant.

Conduit	Couple	
1 "	35 kgf·cm	30 lbf·in

Étape 9. Fixez le fil de cuivre sur le bornier correspondant. Les instructions de câblage sont imprimées devant le bornier (L1/L2/G).

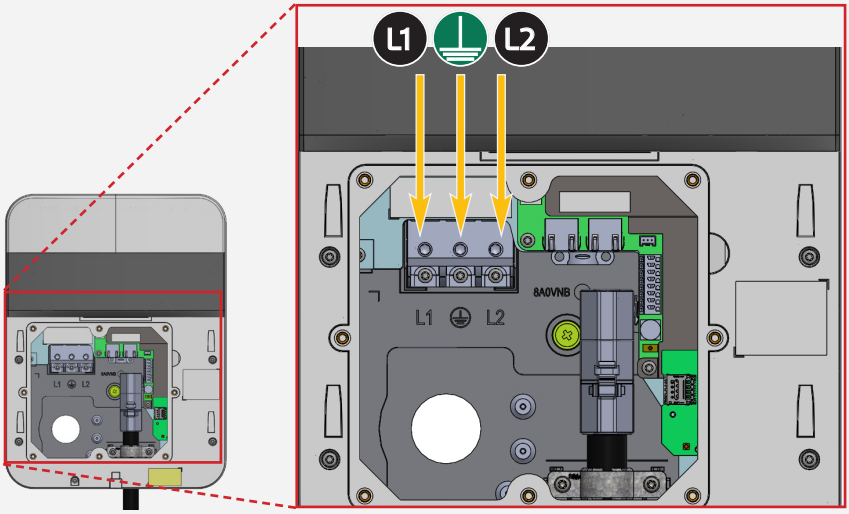

Schéma 4.12 Position du Câblage d'Entrée

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Vis	AWG	Couple	
Hex 3/16	2~6	108 kgf-cm	94 lbf·in
	8	46 kgf-cm	40 lbf·in
	10~14	40 kgf-cm	35 lbf·in

AVERTISSEMENT RISQUE D'INCENDIE OU D'EXPLOSION

Pour réduire les risques d'incendie, connectez l'appareil uniquement à un circuit équipé d'une protection contre les surintensités de 100 ampères maximum, conformément au National Electrical Code, ANSI/NFPA 70, et au Code Canadien de l'électricité, Partie I, C22.2.

Voir la Section 4.2. Ajuster le Courant de Sortie Maximumpour plus de détails sur les paramètres de réduction de la puissance de charge.

4.2. Ajuster le Courant de Sortie Maximum

AVERTISSEMENT RISQUE DE CHOC ÉLECTRIQUE

L'alimentation électrique doit être coupée avant toute opération de réglage ou de configuration du commutateur rotatif.

Courant de charge maximum*	80A	64A	48A	40A	32A	24A	16A	12A
Valeur (nominale) recommandée du coupe-circuit	100A	80A	60A	50A	40A	30A	20A	15A

ATTENTION RISQUE D'ENDOMMAGEMENT DE L'APPAREIL

Si ce disjoncteur est installé à l'extérieur, le tableau de disjoncteurs doit être conçu pour une installation extérieure. La tableau de disjoncteurs doit être installé correctement afin de conserver la classification NEMA du boîtier.

Étape 10. Configurez le commutateur rotatif pour régler le courant de sortie maximal. Le réglage d'usine par défaut est 80A.

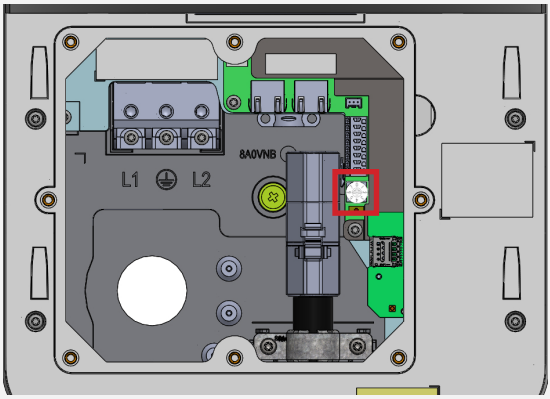


Schéma 4.13 Emplacement du Commutateur Rotatif

a. Coupez l'alimentation.
b. Utilisez un tournevis à tête plate pour ajuster la configuration du commutateur rotatif appropriée au disjoncteur installé.

Tableau 4.5 Configuration du Commutateur Rotatif

Rotary Switch Configuration	Maximum Output Current	Circuit Breaker
0	12A	15A
1	16A	20A
2	24A	30A
3	32A	40A
4	40A	50A
5	48A	60A
6	64A	80A
7	80A	100A

Si la borne de recharge est installée sur un disjoncteur de moins de 100 A, le commutateur rotatif doit être ajusté pour limiter le courant de sortie de la borne de recharge à une valeur égale ou inférieure à 80 % de la valeur du coupe-circuit. (Ex.: Pour un disjoncteur de 60 A, la limite du courant de sortie de la borne de recharge doit être ajustée à une valeur de tout au plus 48 A.) Au besoin, des étiquettes de réduction d'intensité peuvent être apposées sur la borne de recharge et le disjoncteur.

c. Confirmez le courant de sortie indiqué au bas de l'écran ACL après avoir réinstallé le couvercle et remis la borne de recharge en marche.

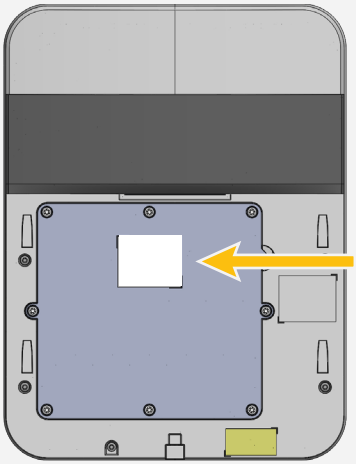
Public

Étape 11. Réinstallez le couvercle intérieur.

Step 12. Collez l'étiquette de réduction d'ampérage sur le chargeur

Si vous devez régler le courant de votre borne de recharge en dessous de la valeur maximale, utilisez l'étiquette correspondant à la valeur de courant sélectionnée sur l'étiquette de réduction d'intensité.

L'autocollant d'étiquette de commutateur est sur le couvercle d'installation.



	Max. output current Max. courant de sortie	Circuit breaker & Wire rating Disjoncteur et calibre de fil	Typical input wire (AWG) Fil d'entrée typique	
			L1/L2	GND
0	12A	15A	14	14
1	16A	20A	14	12
2	24A	30A	10	10
3	32A	40A	8	10
4	40A	50A	6	10
5	48A	60A	6	10
6	64A	80A	3	8
7	80A	100A	2	8

Schéma 4.14 Autocollant d'étiquette du commutateur rotatif sur le couvercle d'installation intérieur

4.3. Fin de l'installation

Étape 13. Ré-assemblez le le couvercle avant, puis fixezla vis M4.

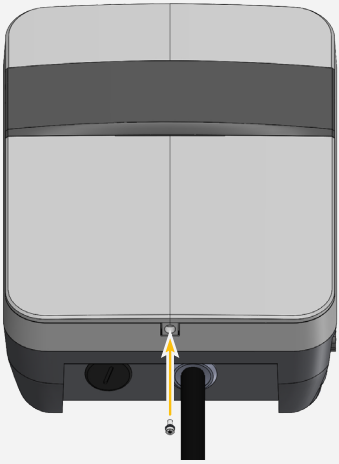


Schéma 4.15 Desserrez 1 vis M4

Vis	Longueur	Couple	
M4	12mm	8 kgf.cm	6.9 lbf·in

Étape 14. Collez l'étiquette du produit sur l'étiquette principale pour couvrir les informations d'entrée/sortie d'origine.

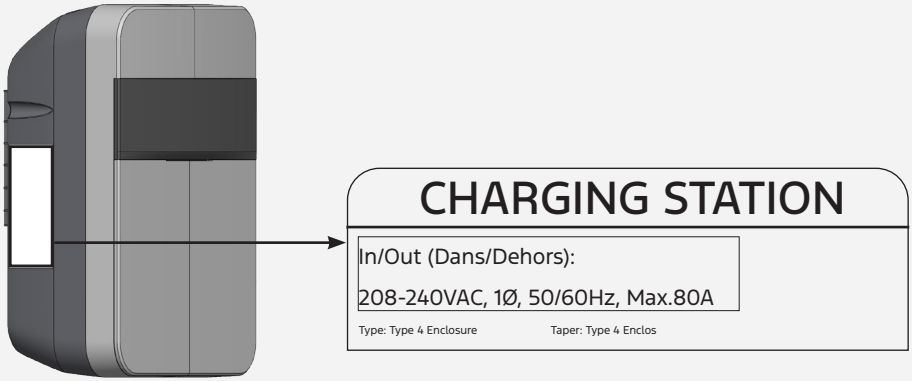


Schéma 4.16 Étiquette de réduction de l'ampérage sur le côté de la borne de recharge

Étape 15. Collez l'étiquette d'ampérage sur le disjoncteur (en option).

Public

5. Opérations

5.1. Gestion du contrôle d'accès par RFID

Le contrôle d'accès par RFID est une fonction logicielle disponible en option sur les chargeurs. Vous pouvez consulter le site fordpro.com Ford Pro™ Charging pour connaître les options d'assistance à la clientèle pour l'achat de cartes RFID et pour l'ajout, l'activation et la désactivation de cartes RFID à partir d'un compte ou encore pour l'association de cartes RFID à une station de recharge.

5.2. Indicateurs de statut de charge

Tableau 5.1 Indicateurs de statut de charge

LED Indicator	Description	Definition
	Non éclairé	Mise hors tension
	Vert fixe	Prêt
	Vert clignotant	Rapide (environ toutes les secondes) : en attente d'autorisation; branchez le connecteur et tapez la carte RFID, au besoin
	Vert clignotant	Lent (environ toutes les six secondes) : la borne est prête et attend que le VE soit prêt
	Bleu clignotant	Clignotement bleu (lent): Chargement
	Rouge fixe	Défaut irrécupérable
	Rouge clignotant	Défaut récupérable
	Jaune clignotant	Démarrage / Mise à jour du micrologiciel / Hors service

5.3. Dépannage d'affichage

Balayez le code QR pour accéder aux conseils de dépannage associés aux erreurs.

5.4. Chargement d'un véhicule électrique (EV)

Start charging using one of the below methods:

5.4.1. Fonctionnement du chargeur dans son état d'origine.

1. Libérez le connecteur de son support.
2. Insérez la connecteur de charge dans le EV.
3. La session de charge a commencé.

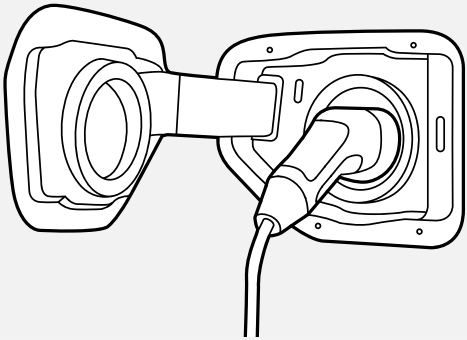


Schéma 5.1 Branchez la Connecteur de Chargeur au EV

ou

5.4.2. Si le contrôle d'accès RFID est activé sur votre chargeur, celle-ci acceptera l'autorisation de sessions de charge par cartes RFID (Demandez l'autorisation, puis branchez).

1. Glissez la carte.
2. Attendez que l'écran passe à "Autorisation".
3. Insérez la fiche de charge dans le EV. Si le connecteur de recharge n'est pas branché au VE dans les 60 secondes, l'autorisation RFID expirera. L'utilisateur devra glisser sa carte de nouveau.
4. La session de charge a commencé.

5.5. Arrêtez de Charger

1. Débrancher à tout moment (débrancher la prise de charge du EV pour arrêter la session de charge).
2. Session terminée (veuillez remettre le connecteur dans l'étui).

5.5.1. Redémarrage Automatique

Lorsqu'une session de charge est interrompue en raison d'une condition d'erreur temporaire, le chargeur redémarre automatiquement la charge lorsque la cause de la condition d'erreur temporaire redevient normale. Les voyants de statut continuent de clignoter en ROUGE jusqu'à ce que la condition d'erreur soit résolue.

1. Les conditions d'erreur temporaires comprennent: Surintensité, surtension, sous-tension et surchauffe.
2. Après 5 minutes de récupération, le chargeur essaiera de redémarrer automatiquement la charge à trois reprises.
3. Lorsque la session de charge s'arrête en raison d'un déclenchement du CCID, le chargeur essaiera de redémarrer 3 fois toutes les après 15 minutes.

5.5.2. Récupération en cas de panne d'électricité

Lorsque le courant revient après une panne, le chargeur redémarre automatiquement avec un délai allant de 120 à 720 secondes. Ce délai est conçu pour éviter tout impact sur le réseau électrique lorsque plusieurs points de charge se trouvent dans la même zone et tentent de reprendre la charge simultanément.

5.6. Soins Généraux

L'extérieur de la borne de recharge est conçu pour être étanche à l'eau et aux poussières. Aucun entretien préventif n'est requis. Suivez les directives ci-dessous pour assurer l'entretien approprié de la borne de recharge:

- Malgré la résistance à l'eau du boîtier, il est préférable, lors du nettoyage, de ne pas diriger de jet d'eau sur l'appareil. Nettoyez-le avec un chiffon doux et humide.
- Assurez-vous que la fiche de charge est remise dans l'étui après la charge pour éviter tout dommage.
- Assurez-vous que le câble d'alimentation est rangé sur l'étui après utilisation pour éviter tout dommage.
- Si le câble d'alimentation ou la prise de charge est endommagé, veuillez contacter le service d'assistance à la clientèle.

5.7. Support Client

Veuillez visiter www.fordpro.com. Appelez le Service à la clientèle des États-Unis au 1 800 343-5338 ou le Service à la clientèle du Canada au 1 800 668-5515, ou envoyez un courriel à l'adresse chargingsupport@fordpro.com.

5.8. Garantie Limitée

La garantie limitée associée à votre chargeur est soumise à certaines exceptions et exclusions. Pour les termes de la garantie limitée, veuillez visiter FordPro.com.

Liste de Vérification de L'installateur

Après l'installation de votre chargeur Ford Pro™, nous vous recommandons de remplir le présent formulaire, avec l'aide de votre installateur, et d'en conserver une copie dans vos dossiers. Les informations figurant sur ce formulaire peuvent être utiles en cas de recours au service après-vente.

Le guide de démarrage rapide inclut un code QR qui renvoie au manuel d'installation dans son intégralité.

Économisez de l'argent en appelant un électricien pour remplir ultérieurement après l'installation. Célèrez les appels de service client vers le centre de service client.

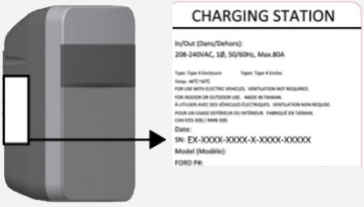
Ce formulaire est recommandé pour saisir les informations couramment demandées ou qui peuvent être utiles pour le diagnostic des problèmes potentiels et l'assistance au dépannage de votre chargeur Ford Pro™. Ford Motor Company et Ford Pro™ ne peuvent pas garantir l'exactitude des informations recueillies dans ce formulaire. Ni Ford Motor Company ni Ford Pro™ ne peuvent être tenus responsables du rempli contenu ou de la vérification du formulaire, ni des coûts ou dépenses liés au contenu de ce formulaire ou à la vérification des informations fournies.

1. Informations sur le client: (Facultatif)

Nom:	
Adresse:	
Numéro de téléphone:	
Email:	

2. Numéro de Série de L'équipement:

Numéro de Série (Situé sur le côté gauche du chargeur):



3. Informations d'Installation:

Date d'installation:	
Brève description de l'emplacement du chargeur (par exemple, à l'intérieur ou à l'extérieur, à domicile ou dans un parc, sur un poteau ou fixée à un mur)	
Présence d'équipements de protection (Bornes de sécurité, arrêts de roues, etc.)?	

4. Informations Électriques:

Type de Tension:	240V biphasé	208V triphasé	240V triphasé delta
Quelle est l'intensité du courant totale délivrée par panneau alimentant le chargeur?	(insérer une valeur numérique)		
Ce panneau est-il réservé à vos chargeurs EV Ford?	Oui	Non	
Réglage de commutation de courant maximal, le cas échéant (si votre chargeur possède un interrupteur à bascule matériel, quel est le réglage actuel?)			

Informations électriques particulières – veuillez entourer dans le tableau ci-dessous ou indiquer dans la dernière colonne de celui-ci le calibre du disjoncteur, l'intensité de sortie nominale, la section des fils pour L1 et L2, la section du fil de terre (GND) et le revêtement des fils.

Recommandations, nécessité de se conformer à l'autorité locale compétente. Choisir ou préciser pour chaque ligne.								Autre
Calibre du disjoncteur:	100	80	60	50	40	30	20	Spécifier: _____
Intensité de sortie nominale:	80	64	48	40	32	24	16	Spécifier: _____
Section des fils (L1 et L2):	#2	#4	#6	#6	#8	#8	#10	Spécifier: _____
Section du fil de terre (GND):	#8	#8	#8	#8	#10	#10	#12	Spécifier: _____
Matériau du fill:	Cuivre							Cuivre
Revêtement des fils:	THHN, THWN-2, XHHW-2							Spécifier: _____

Cette tableau énonce des options typiques. Vérifiez toujours l'autorité compétente, le Code National de l'Électricité ou d'autres règles applicables.

Toutes les fils ont-ils été installés avec le couple de serrage spécifié dans ce manuel?	Oui	Non
Lecture de tension (L1 à GND): [insérer valeur numérique]		
Lecture de tension (L2 à GND): [insérer valeur numérique]		
Lecture de tension (L1 à L2): [insérer valeur numérique]		
Un système externe de gestion de l'énergie / de charge a-t-il été installé?	Oui	Non

5. Information de Test:

La borne de recharge a-t-elle été testée pour vérifier sa connectivité?	Oui	Non
Le chargeur a-t-il été testé pour vérifier qu'il charge bien un véhicule?	Oui	Non
Notes ou commentaires supplémentaires		

6. Information d'Inspection:

L'installation a-t-elle réussi toutes les inspections requises?	Oui	Non	Si oui, quelle est la date: _____

7. Informations sur l'Installateur:

Nom de l'entreprise:	
Licence d'électricien d'entreprise pour effectuer des travaux sous:	
Date:	

Public

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Cette page est intentionnellement laissée vide.

Public

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Ford Pro™ Support

Telephone:
US Customer Support: 800-343-5338
Canadian Customer Support: 800-668-5515

Website:
Fordpro.com
Fordpro.ca

Email:
chargingsupport@fordpro.com

This document contains a general description of available technical options only, and its effectiveness will be subject to specific variables including field conditions and project parameters. Ford Pro does not make representations, warranties, or assurances as to the accuracy or completeness of the content contained herein. Ford Pro reserves the right to modify the technology and product specifications in its sole discretion without advance notice.

Limited Warranty

The Limited Warranty associated with your product is subject to certain exceptions and exclusions. For the terms of the limited warranty please contact Ford Pro™ or Model e support.

Public

1. Process Name: 80A Series 2 Charging Station Installation Manual
2. Document Reference: N/A
3. Issue: C
4. Revision: 12
5. Issue Date: 11.02.2023
6. Revision Date: 05.29.2024
7. GIS Item No. 07.04
8. Next Revision Date: N/A
9. Retention Period: S+12

Item #4

H2's Response

Suzanna Thomas

From: Trey Gossett <tgossett@h2engineering.com>
Sent: Wednesday, September 3, 2025 1:55 PM
To: Suzanna Thomas
Cc: Mike Imbler; Shay Divsalar
Subject: RE: FSA

EXTERNAL EMAIL

Suzanna,

The second bullet point below (Three pole mounted fixtures…) are contractor furnished and installed. They refer to the parking lot lighting fixtures. The types on the lighting fixture schedule are incorrect however the model numbers and descriptions are correct. The change that needs to be made to the drawings is the following and will be formally issued on Friday.

P	METEOR	ASII4-25-408-UNV-SPV-WD-BLK-STD-AD10-EMP-DF-CT	25W	LED	3215	85	4000K	120-277V	5" ROUND PENDANT MOUNT CYLINDER WITH WIDE BEAM ANGLE. 0-10V DIMMING TO 1%. PROVIDE WITH EMERGENCY BATTERY WHERE INDICATED. MOUNT PENDANTS SO THAT THE BOTTOM OF THE CYLINDER IS 6" HIGHER THAN THE BOTTOM OF THE NEARBY TRACK LIGHTING.
~~V1~~ V2	GARDCO	P26-64L-700-NW-G2-AR-2-UNV-BK	133W	LED	18800	70	4000K	120-277V	LED POLE MOUNT AREA LIGHT WITH TYPE 2 DISTRIBUTION ON 25', 5" ROUND STRAIGHT, 7-GA STEEL POLE WITH SQUARE BASE COVER WITH EPA CAPACITY OF 1.5 AT 160 MPH. LISTED FOR WET LOCATIONS. FINISH: BLACK.
~~V2~~ V4	GARDCO	P26-64L-700-NW-G2-AR-4-UNV-BK	133W	LED	18800	70	4000K	120-277V	LED POLE MOUNT AREA LIGHT WITH TYPE 4 DISTRIBUTION ON 25', 5" ROUND STRAIGHT, 7-GA STEEL POLE WITH SQUARE BASE COVER WITH EPA CAPACITY OF 1.5 AT 160 MPH. LISTED FOR WET LOCATIONS. FINISH: BLACK.
W	GARDCO	GWM-A07-840-T2-UNV-EC-BK	23W	LED	3652	80	4000K	120-277V	EXTERIOR WALL PACK WITH COMFORT OPTICS AND TYPE 2 DISTRIBUTION. PROVIDE WITH EMERGENCY BATTERY. FINISH: BLACK.
W2	3G LIGHTING	3G-WDZ33S-DI-D15-L15-H90-40K-40D-UNV-DIM-BK-BLV-1C	26W	LED	3000	90	4000K	120-277V	14" TALL, SQUARE EXTERIOR DIRECT/INDIRECT WALL SCONCE WITH 40° UP/DOWN OPTIC DISTRIBUTION. FINISH: BLACK.
Z	DAYBRITE	SF-4-V-C-38A-40-U-SZT-US-EMLED	38W	LED	3800	80	4000K	120-277V	4' SURFACE MOUNTED BI-LEVEL STAIRWELL LIGHTING FIXTURE. 0-10V DIMMING. VANDAL RESISTANT. INTEGRAL ULTRASONIC OCCUPANCY SENSOR, PROGRAMMED FOR LOW LEVEL LIGHTING WHEN SPACE IS UNOCCUPIED AND FULL LIGHT OUTPUT WHEN OCCUPANCY IS DETECTED. LISTED FOR DAMP LOCATIONS. MOUNT 8' 6" AFF U.N.O. PROVIDE WITH EMERGENCY BATTERY.

I hope that clears this up.

Thanks,

Trey Gossett, P.E.
SENIOR PROJECT MANAGER
M 229.515.0156 | O 850.224.7922
Tallahassee | Fort Walton Beach
Gainesville | Jacksonville | Pensacola
tgossett@h2engineering.com | H2Engineering.com

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P	METEOR	ASII4-25-408-UNV-SPV-WD-BLK-STD-AD10-EMP-DF-CT	25W	LED	3215	85	4000K	120-277V	5" ROUND PENDANT MOUNT CYLINDER WITH WIDE BEAM ANGLE. 0-10V DIMMING TO 1%. PROVIDE WITH EMERGENCY BATTERY WHERE INDICATED. MOUNT PENDANTS SO THAT THE BOTTOM OF THE CYLINDER IS 6" HIGHER THAN THE BOTTOM OF THE NEARBY TRACK LIGHTING.
~~V1~~ V2	GARDCO	P26-64L-700-NW-G2-AR-2-UNV-BK	133W	LED	18800	70	4000K	120-277V	LED POLE MOUNT AREA LIGHT WITH TYPE 2 DISTRIBUTION ON 25', 5" ROUND STRAIGHT, 7-GA STEEL POLE WITH SQUARE BASE COVER WITH EPA CAPACITY OF 1.5 AT 160 MPH. LISTED FOR WET LOCATIONS. FINISH: BLACK.
~~V2~~ V4	GARDCO	P26-64L-700-NW-G2-AR-4-UNV-BK	133W	LED	18800	70	4000K	120-277V	LED POLE MOUNT AREA LIGHT WITH TYPE 4 DISTRIBUTION ON 25', 5" ROUND STRAIGHT, 7-GA STEEL POLE WITH SQUARE BASE COVER WITH EPA CAPACITY OF 1.5 AT 160 MPH. LISTED FOR WET LOCATIONS. FINISH: BLACK.
W	GARDCO	GWM-A07-840-T2-UNV-EC-BK	23W	LED	3652	80	4000K	120-277V	EXTERIOR WALL PACK WITH COMFORT OPTICS AND TYPE 2 DISTRIBUTION. PROVIDE WITH EMERGENCY BATTERY. FINISH: BLACK.
W2	3G LIGHTING	3G-WDZ33S-DI-D15-L15-H90-40K-40D-UNV-DIM-BK-BLV-1C	26W	LED	3000	90	4000K	120-277V	14" TALL, SQUARE EXTERIOR DIRECT/INDIRECT WALL SCONCE WITH 40° UP/DOWN OPTIC DISTRIBUTION. FINISH: BLACK.
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Addendum No. 1

RFI LOG Attachments

(for those RFI's with additional information/attachments included in responses)

Attachment #12

PRE-BID RFI #027

Demolition Plan Rev Request C-102

*See also "Files/PRE-BID RFI's in Building Connected for Official Documentation.

30 0 15 30
1 Inch = 30 Feet

TREE DEBIT LIST

Survey #	Tree ID	Max. DBH	Hardwood or Long Leaf Pine	Category	Debits
REMOVED TREES					
12	Live Oak	28	Y	CAT C	30
13	Pine	19	N	CAT A	8
14	Pine	21	N	CAT A	8
15	Pine	22	N	CAT A	8
16	Pine	18	N	CAT A	6
17	Live Oak	15	Y	CAT C	12
18	Pine	14	N	UNPROT	0
19	Pine	23	N	CAT A	8
20	Pine	19	N	CAT A	8
21	Live Oak	30	Y	CAT C	30
22	Pine	26	N	CAT A	10
23	Live Oak	21	Y	CAT C	14
24	Pine	17	N	UNPROT	0
25	Pine	24	N	CAT A	8
26	Red Oak	28	Y	CAT C	30
27	Live Oak	24	Y	CAT C	14
28	Magnolia	18	Y	CAT C	12
29	Live Oak	21	Y	CAT C	14
30	Water Oak	19	Y	CAT A	8
31	Red Oak	23	Y	CAT C	14
53	Crepe Myrtle	4	A	UNPROT	0
54	Pine	20	N	CAT A	8
56	Live Oak	20	Y	CAT C	14
57	Pine	18	N	CAT A	6
58	Pine	12	N	UNPROT	0
59	Pine	14	N	UNPROT	0
60	Pine	15	N	UNPROT	0
61	Pine	16	N	UNPROT	0
62	Cherry	12	Y	CAT A	4
359	Live Oak	19	Y	CAT C	14
361	Live Oak	16	Y	CAT C	12
362	Live Oak	24	Y	CAT C	14
364	Live Oak	15	Y	CAT C	12
365	Pine	20	N	CAT A	8
366	Live Oak	27	Y	CAT C	30
370	Live Oak	35	Y	CAT C	36
373	Live Oak	27	Y	CAT C	30
697	Pine	19	N	CAT A	8
698	Pine	22	N	CAT A	8
699	Pine	15	N	UNPROT	0
700	Laurel Oak	15	Y	CAT A	6
701	Pine	17	N	UNPROT	0
702	Pine	25	N	CAT A	10
703	Laurel Oak	15	Y	CAT A	6
704	Pine	13	N	UNPROT	0
705	Live Oak	16	Y	CAT C	12
706	Pine	20	N	CAT A	8
707	Pine	19	N	CAT A	8
710	Sweet Gum	13	Y	CAT A	6
711	Sweet Gum	12	Y	CAT A	4
714	Live Oak	24	Y	CAT C	14
795	Laurel Oak	20	Y	CAT A	8
806	Pine	20	N	CAT A	8
815	Pine	25	N	CAT A	10
825	Magnolia	26	Y	CAT C	30
826	Live Oak	28	Y	CAT C	30
830	Live Oak	31	Y	CAT C	36
843	Live Oak	18	Y	CAT C	12
847	Live Oak	30	Y	CAT C	30
1056	Live Oak	38	Y	CAT C	40
1548	Water Oak	13	Y	CAT A	6
1549	Water Oak	16	Y	CAT A	6
1550	Pine	16	N	UNPROT	0
1551	Water Oak	13	Y	CAT A	6
1552	Water Oak	18	Y	CAT A	6
1554	Live Oak	42	Y	CAT C	40
1555	Laurel Oak	13	Y	CAT A	6
1556	Pine	27	N	CAT A	10
1615	Live Oak	45	Y	CAT C	44
TOTAL REMOVED TREE DEBITS					**848**

TREE IMPACTED LIST

Survey #	Tree ID	Max. DBH	Hardwood or Long Leaf Pine	Category	Debits
IMPACTED TREES					
709	Sweet Gum	25	Y	CAT A	10
712	Sweet Gum	12	Y	CAT A	4
713	Cherry	15	Y	CAT A	OFFSITE
2154	Pine	26	N	CAT A	OFFSITE
2157	Cherry	13	Y	CAT A	OFFSITE
2158	Sweet Gum	19	Y	CAT A	OFFSITE
2229	Pine	26	N	CAT A	OFFSITE
2230	Sweet Gum	19	Y	CAT A	OFFSITE
2233	Live Oak	39	Y	CAT C	OFFSITE
TOTAL IMPACTED TREE DEBITS					**14**

TREE CREDIT LIST

Survey #	Tree ID	Max. DBH	Category	Credits
Saved Tree				
7	Pine	32	CAT A	13
50	Crepe Myrtle	6	CAT A	2
51	Crepe Myrtle	4	CAT A	2
52	Crepe Myrtle	4	CAT A	2
739	Camphor	13	UNPROT	0
1537	Live Oak	36	CAT C	29
1538	Laurel Oak	12	CAT A	3
1539	Live Oak	45	CAT C	35
1540	Live Oak	21	CAT C	11
1541	Live Oak	42	CAT C	32
1732	Live Oak	67	CAT C	48
2234	Live Oak	18	CAT C	12
2836	Cypress	19	CAT C	11
2837	Cypress	14	CAT C	10
2838	Cypress	12	CAT C	8
2839	Cypress	18	CAT C	10
2840	Cypress	12	CAT C	8
2841	Laurel Oak	12	CAT A	3
TOTAL PRESERVED TREE CREDITS				**239**

LEGEND

- LIMITS OF DISTURBANCE
- TREE PROTECTION (TP)
- OBJECT TO BE REMOVED
- ASPHALT TO BE REMOVED
- CONCRETE TO BE REMOVED
- BUILDING TO BE REMOVED
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- EXISTING TREE TO BE IMPACTED

TREE PROTECTION AND MITIGATION NOTES:

1. THE CRITICAL PROTECTION ZONE (CPZ) MEANS THAT AREA SURROUNDING A TREE WITHIN A CIRCLE DESCRIBED BY A RADIUS OF ONE FOOT FOR EACH INCH OF THE TREE'S TRUNK DIAMETER AT BREAST HEIGHT (DBH).
2. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL INSTALL TREE PROTECTION BARRICADES THAT ARE MESH, HOG WIRE OR SIMILAR AND 4' IN HEIGHT AND STAKED IN THE GROUND WITH WOOD, METAL OR REBAR STAKES TO PROTECT PRESERVED TREES FROM DAMAGE DURING CONSTRUCTION. HAY BALES CAN BE SUBSTITUTED AS SPECIFIED IN THE PLANS TO SERVE AS BOTH TREE PROTECTION AND EROSION CONTROL. A DIAGRAM OF A TREE PROTECTION BARRICADE IS INCLUDED IN THE CONSTRUCTION PLANS. THESE BARRICADES SHALL BE INSTALLED AS SHOWN IN THE PLANS OR ACCORDING TO THE ARBORIST RECOMMENDATION TO PROTECT THE CPZ. STAKED HAY BALES CAN BE SUBSTITUTED AS SPECIFIED IN THE PLANS TO SERVE AS BOTH TREE PROTECTION AND EROSION CONTROL.
3. CONSTRUCTION ACTIVITY OF ANY KIND, INCLUDING DRIVING OVER OR STORING OF EQUIPMENT, MATERIALS OR SOILS SHALL ONLY OCCUR WITHIN THE LIMITS OF CLEARING OR AREAS DESIGNATED FOR THOSE PURPOSES AND SHALL NOT OCCUR WITHIN CPZS OF TREES.
4. ANY ROOT ZONES WITHIN THE CLEARING, STORAGE OR CONSTRUCTION AREA SHALL BE PROTECTED BY PLACEMENT OF WEIGHT DISTRIBUTION METHODS SUCH AS PLYWOOD, MULCH OR A COMBINATION TO REDUCE COMPACTION AND DAMAGE TO THE ROOTS.
5. ROOT PRUNING WILL OCCUR PRIOR TO ANY EXCAVATION WITHIN THE TREE CPZ. THIS PRUNING SHOULD BE DONE 8" OUTSIDE THE LINE OF EXCAVATION WHERE IT INTERSECTS THE CPZ OF THE TREE. ALL PRUNED OR EXPOSED ROOTS WILL BE COVERED AS SOON AS POSSIBLE WITH TOPSOIL, MULCH, OR OTHER ORGANIC MEDIUM. THE PRUNING SHOULD OCCUR AT THE SAME DEPTH AS THE EXCAVATION FOR THE SIDEWALK AND OTHER FEATURES. ROOTS LARGER THAN 2.5" IN DIAMETER SHALL BE PRUNED UNDER DIRECT SUPERVISION OF A CERTIFIED ARBORIST. THIS METHOD IS COMPLETED BY HAND AND REDUCES THE DAMAGE TO THE REMAINDER OF THE TREE'S ROOTS.
6. FOLLOWING ROOT PRUNING AND THROUGH SUBSTANTIAL COMPLETION OF THE PROJECT, THE TREES SHOULD BE WATERED AT THE RATE EQUIVALENT TO 1" OF RAINFALL PER WEEK DURING CONSTRUCTION. WATERING CAN BE ADJUSTED AS REQUIRED BY WEATHER CONDITIONS.
7. ANY SOIL EXCAVATED WHILE WORKING AROUND THE ROOTS SHALL BE IMMEDIATELY BACKFILLED WHEN COMPLETED TO PREVENT FURTHER DAMAGE TO THE ROOTS.
8. PERIODIC MONITORING OF THE TREE PROTECTION MEASURES SHALL OCCUR AS NEEDED TO ENSURE THAT THEY ARE IN PLACE, NOT DAMAGED AND INSTALLED CORRECTLY.
9. MITIGATION MEASURES SHALL BE COMPLETED BY OR UNDER THE SUPERVISION OF A CERTIFIED ARBORIST.

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DATE	BY	REVISIONS
09/03/25	DIS	REVISED PER PRE-BID RFI #27

FLORIDA SHERIFFS ASSOCIATION EXPANSION
DEMOLITION PLAN
LEON COUNTY FLORIDA

SEAN K. MARSTON, P.E.
LICENSE NUMBER 55987

DRAWN BY:	D.I.S.
CHECKED BY:	S.K.M.
DATE:	08/27/2025

SHEET C-102
PROJECT No. 24048.00

September 3, 2025 (11:59:24 EST)
F:\24048.00 - FLORIDA SHERIFFS ASSOC. EXPANSION\CAD\DWG\MP\24048.00 DEMO.DWG

Addendum No. 1

RFI LOG Attachments

(for those RFI's with additional information/attachments included in responses)

Attachment #13

PRE-BID RFI #028

Structural - by Others Clarifications

*See also "Files/PRE-BID RFI's in Building Connected for Official Documentation.

GENERAL NOTES

1. THE GOVERNING CODE FOR THIS PROJECT IS THE FLORIDA BUILDING CODE, 8th EDITION (2023). THIS CODE PRESCRIBES WHICH EDITION OF EACH REFERENCE STANDARD APPLIES TO THIS PROJECT. UNLESS OTHERWISE NOTED, ALL WORK AND MATERIALS SHALL CONFORM WITH THE BUILDING CODE AND ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCAL CODES, STANDARDS, REGULATIONS, AND LAWS.

2. THE CONTRACTOR SHALL COORDINATE ALL CONTRACT DOCUMENTS WITH FIELD CONDITIONS, DIMENSIONS, AND PROJECT SHOP DRAWINGS PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS. USE ONLY PRINTED DIMENSIONS. REPORT ANY DISCREPANCIES OR FIELD CONDITIONS ENCOUNTERED IN CONFLICT WITH THE DRAWINGS IN WRITING TO THE ARCHITECT AND/OR ENGINEER PRIOR TO PROCEEDING WITH WORK. DO NOT CHANGE THE SIZE OR LOCATION OF STRUCTURAL MEMBERS WITHOUT WRITTEN INSTRUCTIONS FROM THE ARCHITECT OR ENGINEER OF RECORD.

3. THE STRUCTURE SHOWN ON THESE DRAWINGS IS SELF-SUPPORTING ONLY IN ITS COMPLETED FORM. THE DESIGN, ADEQUACY, SAFETY AND STABILITY OR ERECTION BRACING, FORMWORK, SHORING, AND TEMPORARY SUPPORTS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

4. DETAILS LABELED AS "TYPICAL" APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED, WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION.

5. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTY, HIS OWN WORK, AND THE GENERAL PUBLIC FROM HARM. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE CONSTRUCTION MEANS AND METHODS, AND JOBSITE SAFETY INCLUDING ALL OSHA REQUIREMENTS. THE STRUCTURAL ENGINEER OF RECORD HAS NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION PERSONNEL RELATED TO THEIR WORK OR ANY HEALTH OR SAFETY PRECAUTIONS.

6. STRUCTURAL ELEMENTS LABELED AS "BY OTHERS" (LIGHT GAUGE FRAMING, PRECAST CONCRETE MEMBERS, CANOPIES, AWNINGS, ETC.) ARE DELEGATED DESIGN ITEMS TO BE DESIGNED BY OTHERS.

SHOP DRAWINGS

1. SHOP DRAWINGS ARE REQUIRED FOR THE FOLLOWING ITEMS, AT A MINIMUM:
   CONCRETE REINFORCING BARS
   CONCRETE MIX DESIGN
   CONCRETE SLAB JOINT PLAN
   PRECAST CONCRETE
   STRUCTURAL STEEL
   STEEL STAIR DRAWINGS
   LIGHT GAUGE METAL FRAMING
   GROUT MIX DESIGN
   MASONRY REINFORCING BARS
   SUB-GRADE AND FILL COMPACTION TEST RESULTS
   PRE-ENGINEERED WOOD TRUSSES
   PRE-ENGINEERED BAR JOIST TRUSSES
   METAL DECK

2. ALL SUBMISSIONS OF SHOP DRAWINGS FOR REVIEW SHALL BE MADE ELECTRONICALLY.

3. ALLOW TEN (10) WORKING DAYS FOR REVIEW OF EACH SHOP DRAWING COMMENCING THE NEXT WORKING DAY AFTER RECEIPT. CONTRACTOR SHALL PLAN SCHEDULE ACCORDINGLY TO ACCOMMODATE THIS REVIEW TIME.

4. SHOP DRAWINGS REVIEW IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT, CORRECTIONS OR COMMENTS MADE ON THIS REVIEW DO NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS AND OMISSIONS, NOR FROM COMPLIANCE WITH THE PLANS AND SPECIFICATIONS. CORRECTIONS OR COMMENTS DO NOT AUTHORIZE AN INCREASE IN THE CONSTRUCTION BUDGET.

5. REVIEW OF SHOP DRAWINGS DOES NOT CONSTITUTE ACCEPTANCE OF DEVIATIONS FROM CONTRACT DOCUMENTS OR PREVIOUS SHOP DRAWING REVIEW COMMENTS UNLESS SPECIFICALLY NOTED THEREIN BY THE ENGINEER OF RECORD.

6. CONTRACTOR RESPONSIBILITIES PRIOR TO SUBMITTING A SHOP DRAWING OR ANY RELATED MATERIAL TO THE ENGINEER:
   A. REVIEW EACH SUCH SUBMISSION FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND OPERATIONS OF CONSTRUCTION, AND SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO WHICH ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
   B. REVIEW AND APPROVE EACH SET PRIOR TO SUBMISSION WHICH SHALL INCLUDE VERIFICATION OF ALL DIMENSIONS AND GENERAL CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS.

7. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL CHANGES OR DELAYS CAUSED BY SUBMITTING INCOMPLETE SHOP DRAWINGS AND SHALL NOT BEGIN CONSTRUCTION OR FABRICATION WITHOUT RECEIPT OF REVIEWED SHOP DRAWINGS.

SUPERIMPOSED DESIGN LOADS

1.	ROOF	= 20 PSF LIVE / 20 PSF DEAD
2.	MUSEUM/DISPLAY	= 100 PSF LIVE / 25 PSF DEAD
3.	1st FLOOR CORRIDORS	= 100 PSF LIVE / 25 PSF DEAD
4.	2nd FLOOR CORRIDORS	= 100 PSF LIVE / 25 PSF DEAD
5.	LIBRARY	= 150 PSF LIVE / 25 PSF DEAD
6.	STAIRS AND LANDINGS	= 100 PSF LIVE / 25 PSF DEAD
7.	GUARDRAILS	
	A. TOP RAIL	= 200 LBS OR 50 PLF IN ANY DIRECTION (NON-CONCURRENT)
	B. INTERMEDIATE RAIL	= 50 LBS OVER 12" x 12" AREA

EARTHWORK FOR STRUCTURES

1. FOUNDATION DESIGN, SOIL PREPARATION AND COMPACTION ARE BASED ON GEOTECHNICAL INVESTIGATION, DATA AND RECOMMENDATIONS IN FILE NO. T24-399 BY SOUTHERN EARTH SCIENCES DATED MARCH 21, 2024. ALL FOOTINGS SHALL BEAR ON COMPACTED FILL OR NATURAL SOIL STRENGTHENED UTILIZING RAMMED AGGREGATE PIERS PER THE GEOTECHNICAL REPORT TO PROVIDE AN ALLOWABLE SOIL BEARING CAPACITY OF 5,000 PSF.

2. UNLESS NOTED OTHERWISE IN THE GEOTECHNICAL REPORT, ALL SOIL BELOW SLABS ON GRADE AND FOOTINGS SHALL BE COMPACTED TO A DEPTH OF 12 INCHES AT OPTIMUM MOISTURE CONTENT TO 95% OF THE MODIFIED PROCTOR, ASTM D1557. FILL SHALL BE PLACED AND COMPACTED IN LIFTS NO GREATER THAN 12 INCHES.

3. PROVIDE DENSITY TESTS IN COMPACTED SUBGRADE AND FOR EACH LIFT OF FILL AS FOLLOWS:
   A. FOR EACH 3,000 SQ FT OF BUILDING AREA
   B. FOR EVERY 300 LINEAR FT OF STRIP FOOTING OR GRADE BEAM
   C. FOR EVERY THIRD COLUMN FOOTING

4. SUB-GRADE PREPARATION SHALL BE FIELD CONTROLLED AND TESTED BY A LICENSED GEOTECHNICAL ENGINEER IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. AT COMPLETION, THAT ENGINEER SHALL PREPARE AND SUBMIT TO THE OWNER, ARCHITECT, CONTRACTOR, AND STRUCTURAL ENGINEER A SIGNED AND SEALED LETTER INDICATING THAT THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT HAVE BEEN FOLLOWED.

5. THE CONTRACTOR SHALL PROVIDE TEST PITS AT THE GEOTECHNICAL ENGINEER'S RECOMMENDATION AND UNDERCUT ALL PLASTIC CLAYS WITHIN 24 INCHES OF THE BOTTOM OF ALL FOOTINGS, SLABS ON GRADE, OR PAVEMENTS. UNDERCUT MATERIAL SHALL BE REPLACED WITH COURSE GRAINED APPROVED FILL OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER OF RECORD.

SLAB ON GRADE

1. REFER TO GEOTECHNICAL REPORT FOR SUB-GRADE PREPARATION MORE THAN 12 INCHES BELOW BOTTOM OF SLAB.

2. ABOVE SUB-GRADE, USE FILL CONTAINING NOT MORE THAN 12% PASSING #200 SIEVE AND MAXIMUM 1"Ø. COMPACT TO A DENSITY OF 95% OF THE MAXIMUM DRY DENSITY THROUGHOUT ITS FULL DEPTH AS DETERMINED BY MODIFIED PROCTOR ASTM D-1557.

3. ALL INTERIOR AND EXTERIOR SLABS ON GRADE SHALL BE A MINIMUM OF 4 INCHES THICK REINFORCED WITH 6x6 W1.4 x W1.4 WELDED WIRE MESH PLACED ON 6 MIL POLYETHYLENE SHEETING, UNLESS OTHERWISE NOTED IN THE CONSTRUCTION DOCUMENTS.

4. UNLESS OTHERWISE NOTED IN THE PLANS, PROVIDE CRACK CONTROL JOINTS AT 15 FEET MAXIMUM TO LIMIT AREAS BETWEEN JOINTS TO 225 SQUARE FEET IN ALL SLABS ON GRADE. LOCATE TO CONFORM TO BAY SPACING WHENEVER POSSIBLE. ADD CRACK CONTROL JOINTS AT RE-ENTRANT CORNERS WHICH TEND TO INVITE CRACKS.

5. IN SIDEWALKS AND WALKWAYS, LOCATE ISOLATION JOINTS AT 20 FEET ON CENTER, MAXIMUM. SCORE AND TOOL BETWEEN ISOLATION JOINTS IN EQUAL BAYS OF 5 FEET OR LESS.

6. SEE THE ARCHITECTURAL DRAWINGS FOR SLAB ON GRADE DEPRESSIONS AND OTHER REQUIREMENTS.

FORMWORK

1. DESIGN, ERECTION AND REMOVAL OF FORMWORK, AND SHORING AND RESHORING IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

2. CONSTRUCTION, ERECTION, AND REMOVAL OF FORMWORK SHALL BE IN ACCORDANCE WITH ACI 301 AND 347.

REINFORCEMENT

1. ALL REINFORCING STEEL SHALL BE INTERMEDIATE GRADE BILLET STEEL CONFORMING TO ASTM A615, GRADE 60, WITH THE FOLLOWING MINIMUM SPLICE LENGTH.
   A. CONCRETE REINFORCEMENT = SEE PROVIDED LAP SCHEDULE
   B. MASONRY REINFORCEMENT = 48 BAR DIAMETERS U.N.O.

2. PROVIDE ADDITIONAL HORIZONTAL CORNER BARS TO MATCH MAIN HORIZONTAL REINFORCING STEEL AT ALL BEAMS, OR WALL INTERSECTIONS, CORNERS AND OTHER CONCRETE DIRECTIONAL CHANGES, INCLUDING FOOTINGS.

3. ALL BENDS, AND 90° AND 180° HOOKED BARS SHALL BE FABRICATED IN ACCORDANCE WITH ACI AND AS INDICATED IN THE STANDARD DETAILS.

4. REINFORCING SHALL BE ACCURATELY PLACED, RIGIDLY SUPPORTED AND FIRMLY TIED IN PLACE, WITH APPROPRIATE BAR SUPPORTS AND SPACERS.

   WHERE SPECIFIED, PROVIDE PLAIN, COLD-DRAWN ELECTRICALLY-WELDED WIRE REINFORCEMENT CONFORMING TO ASTM A 1064. SUPPLY IN FLAT SHEETS ONLY. LAP SPLICE TWO CROSS WIRES PLUS TWO INCHES.

CONCRETE

1. ALL CONCRETE CONSTRUCTION SHALL COMPLY WITH ACI 301 AND 318 AND CRSI STANDARDS.

2. STRUCTURAL CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE DESIGN STRENGTH (FC') IN 28 DAYS OF:

FOUNDATIONS	3,000 PSI	NW
SLAB ON GRADE	3,000 PSI	NW
RETAINING WALL	4,000 PSI	NW
ELEVATED DECK	4,000 PSI	LW

3. ALL CONCRETE SHALL BE NORMAL WEIGHT (NW), U.O.N. WITH A DESIGN UNIT WEIGHT OF 145 PCF.

4. LIGHT WEIGHT CONCRETE (LW) SHALL HAVE A MAXIMUM UNIT WEIGHT OF 120 PCF, U.O.N.

5. CONTRACTOR SHALL MAKE SETS OF FOUR ACCEPTANCE CYLINDERS FOR STRENGTH TESTING FOR EACH 50 CUBIC YARDS OF CONCRETE PLACED. CYLINDERS SHALL BE MADE IN ACCORDANCE WITH ASTM C31 AND C172. TESTING SHALL BE PERFORMED BY AN ACI CERTIFIED TESTING LABORATORY AND SHALL BE PAID FOR BY THE CONTRACTOR. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND/OR STRUCTURAL ENGINEER OF ANY TEST NOT MEETING THE REQUIREMENTS OF THE SPECIFIED TESTS. COPIES OF REPORTS DOCUMENTING THE TEST RESULTS SHALL BE MAINTAINED BY THE CONTRACTOR AND MADE AVAILABLE UPON REQUEST.

6. PROVIDE COVER OVER REINFORCING STEEL AS FOLLOWS:

CAST AGAINST & EXPOSED TO EARTH/WEATHER	3"
EXPOSED TO EARTH/WEATHER	
#6 THROUGH #18 REBAR	2"
#5 REBAR, W31/D31 WIRE OR SMALLER	1-1/2"
NOT EXPOSED TO EARTH/WEATHER	
SLABS, WALLS, JOISTS	
#14 AND #18 REBAR	1-1/2"
#11 REBAR AND SMALLER	3/4"
BEAMS AND COLUMNS	
REINF, TIES, STIRRUPS, SPIRALS	1-1/2"

7. CURE ALL CONCRETE SURFACES FOR A PERIOD OF SEVEN DAYS UNTIL AVERAGE COMPRESSIVE STRENGTH HAS REACHED 70% OF THE SPECIFIED 28 DAY STRENGTH. CURING SHALL BE BY PONDING, MOIST CURING WITH SAND OR ABSORPTIVE MATS KEPT CONTINUOUSLY WET, CONTINUOUS APPLICATION OF STEAM (NOT EXCEEDING 105° F) OR MIST SPRAY, WATERPROOF CURING PAPER, OR LIQUID MEMBRANE FORMING CURING COMPOUND. SELECTION OF CURING METHOD SHALL BE COMPATIBLE WITH THE FINISH TO BE APPLIED TO THE CONCRETE SURFACE.

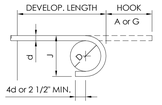
8. IN WALL CONSTRUCTION, CONCRETE SHALL BE PLACED IN A CONTINUOUS OPERATION IN LIFTS NOT TO EXCEED FOUR FEET. EACH LIFT SHALL BE CONSOLIDATED BY INTERNAL VIBRATION PRIOR TO CONTINUING TO THE NEXT LIFT. CONCRETE SHALL BE PLACED THROUGH VERTICAL, FLEXIBLE TRUNKS OR SHOOTS THAT CAN EXTEND TO THE BOTTOM OF THE FORMS. THE TRUNK SHALL BE LIFTED AS THE CONCRETE RISES. THE CONCRETE SHALL NOT FREE FALL.

9. WHERE REINFORCING STEEL CONGESTION PERMITS, CONDUIT AND PIPES UP TO ONE INCH DIAMETER MAY BE EMBEDDED IN CONCRETE PER ACI 318, SECTION 6.3. SPACE AT THREE DIAMETERS ON CENTER. PLACE BETWEEN OUTER LAYERS OF REINFORCING IF CONDUITS ARE SIGNIFICANTLY CONGESTED. ADDITIONAL REINFORCING PERPENDICULAR TO PIPING MAY BE REQUIRED. REQUESTS TO EMBED LARGER PIPES SHOULD BE ACCOMPANIED BY A DETAILED DESCRIPTION AND BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR EVALUATION.

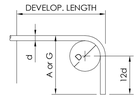
REBAR LAP SPLICE LENGTHS

BAR SIZE	f'c = 3,000 PSI		f'c = 4,000 PSI		f'c = 5,000 PSI	
	CLASS A	CLASS B	CLASS A	CLASS B	CLASS A	CLASS B
#3	16"	21"	14"	18"	13"	17"
#4	22"	28"	19"	25"	17"	22"
#5	27"	36"	24"	31"	21"	28"
#6	33"	43"	28"	37"	25"	33"
#7	48"	62"	42"	54"	37"	48"
#8	55"	71"	47"	62"	42"	55"
#9	62"	80"	54"	70"	48"	62"
#10	70"	90"	60"	78"	54"	70"
#11	77"	100"	67"	87"	60"	78"

REBAR LAP SPLICE NOTES:
1. CLASS B SPLICES SHALL BE PROVIDED FOR ALL COLUMN REINFORCEMENT STEEL.
2. CLASS A SPLICES ARE ALLOWEED FOR CONTINUOUS REINFORCING STEEL IF NO MORE THAN 50% OF STEEL IS LAPPED AT THE SAME LOCATION.



180° HOOK



90° HOOK

BAR SIZE	STD. HOOK DIMENSIONS			DEVELOP. LENGTHS		
	PIN DIAM. D	180° HOOK		90° HK	CONC. COMP. STRENGTH	
		A or G	J	A or G	3,000 PSI	4,000 PSI	5,000 PSI
#3	2 1/4"	0'-5"	0'-3"	0'-6"	6"	6"	6"
#4	3"	0'-6"	0'-4"	0'-8"	8"	7"	6"
#5	3 3/4"	0'-7"	0'-5"	0'-10"	10"	9"	8"
#6	4 1/2"	0'-8"	0'-6"	1'-0"	12"	10"	9"
#7	5 1/4"	0'-10"	0'-7"	1'-2"	14"	12"	11"
#8	6"	0'-11"	0'-8"	1'-4"	16"	14"	12"
#9	9 1/2"	1'-3"	0'-11 3/4"	1'-8"	18"	15"	14"
#10	10 3/4"	1'-5"	1'-1 1/4"	1'-10"	20"	17"	15"
#11	12"	1'-7"	1'-2 3/4"	2'-1"	22"	19"	17"

REBAR STANDARDS HOOK NOTES:
1. D = FINISHED BEND DIAMETERS
2. REFER TO ACI 315 FOR ALTERNATE BEND PATTERNS DIMENSIONS AND REQUIREMENTS/
3. ASTM A767 REQUIRES THAT BARS BENT COLD PRIOR TO HOT DIP GALVANIZING MUST BE FABRICATED TO A MINIMUM BEND DIAMETER EQUAL TO 7 INCHES OR #7 BAR AND 8 INCHES FOR #8 BAR.

STRUCTURAL STEEL

1. FABRICATE AND ERECT STRUCTURAL STEEL IN CONFORMANCE W/ AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", WITH COMMENTARY, AND ALL OSHA REQUIREMENTS.

2. STRUCTURAL STEEL SHAPES SHALL BE FABRICATED FROM THE FOLLOWING MATERIALS:

A.	ROLLED W AND WT SHAPES:	ASTM A992, GRADE 50
B.	ROLLED M, S, C AND MC SHAPES AND ANGLES:	ASTM A36, Fy=36 KSI
C.	PLATES AND BARS:	ASTM A36, Fy=36 KSI
D.	STEEL PIPE:	ASTM A53, GRADE B, Fy=35 KSI
E.	COLD-FORMED HOLLOW STRUCTURAL SECTIONS (HSS):	
	SQUARE AND RECTANGULAR SECTIONS;	ASTM A500, GRADE C, Fy=50 KSI
	ROUND SECTIONS;	ASTM A500, GRADE C, Fy=46 KSI

3. ALL SHOP AND FIELD WELDING SHALL CONFORM TO THE AWS D1.1 STRUCTURAL WELDING CODE BY THE AMERICAN WELDING SOCIETY. USE E70 SERIES WELDING ELECTRODES, U.O.N. WHERE NECESSARY, REMOVE GALVANIZING OR PRIMER PRIOR TO WELDING.

4. ALL ANCHOR BOLTS SHALL BE ASTM F1554-55, U.N.O.

5. A325 BOLTS SHALL COMPLY WITH "SPECIFICATION FOR STRUCTURAL JOINTS USING: ASTM A325 OR A490 BOLTS", INCLUDING COMMENTARY.

6. TYPICAL BOLTS USED IN STRUCTURAL CONNECTIONS FOR THIS PROJECT ARE 3/4 INCH DIAMETER, U.O.N.

7. TIGHTEN BEARING-TYPE BOLTS (A-325N) TO THE SNUG TIGHT CONDITION AS FOLLOWS:

   A. BOLTS SHALL BE PLACED IN ALL HOLES, WITH WASHERS POSITIONED AS REQUIRED AND NUTS THREADED TO COMPLETE THE ASSEMBLY.
   B. COMPACTING THE JOINT TO THE SNUG-TIGHT CONDITION SHALL PROGRESS SYSTEMATICALLY FROM THE MOST RIGID PART OF THE JOINT.
   C. THE SNUG-TIGHTENED CONDITION IS THE TIGHTNESS THAT IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH.
   D. MORE THAN ONE CYCLE THROUGH THE BOLT PATTERN MAY BE REQUIRED TO ACHIEVE THE SNUG-TIGHTENED JOINT.
   E. PROVIDE HARDENED WASHERS CONFORMING TO ASTM F436 AND PLACE UNDER THE PART BEING TURNED.
   F. DO NOT REUSE OR RE-TIGHTEN BOLTS WHICH HAVE BEEN FULLY TIGHTENED. USE ONLY NON-GALVANIZED NUTS AND BOLTS THAT ARE CLEAN, RUST-FREE, AND WELL LUBRICATED. BOLTS AND NUTS SHALL BE WAX DIPPED BY THE BOLT SUPPLIER.
   G. STORE FASTENER COMPONENTS TO PREVENT CONTAMINATION BY MOISTURE OR OTHER DELETERIOUS SUBSTANCES. FASTENERS FROM OPEN CONTAINERS AND FASTENERS THAT ACCUMULATE RUST OR DIRT SHALL NOT BE USED AND SHALL BE IMMEDIATELY AND PERMANENTLY REMOVED FROM THE PROJECT SITE.

8. ALL FULL PENETRATION WELDS SHALL BE TESTED USING ULTRASONIC (UT) OR RADIOGRAPHIC (RT) METHODS. SUBMITTED COMPLETED TESTING CERTIFICATES TO PROVE CONFORMANCE.

9. SHOP AND FIELD PAINT:
   A. PRIMER: FABRICATOR'S STANDARD LEAD AND CHROMATE FREE, NON-ASPHALTIC, RUST INHIBITING PRIMER CONFORMING TO SSPC-PAINT 2, TYPE II.
   B. SURFACE PREPARATION: CLEAN SURFACES TO BE PRIMED TO REMOVE LOOSE RUST AND MILL SCALE USING SSPC-SP 2, "HAND TOOL CLEANING" AND SSPC-SP 3 "POWER TOOL CLEANING".
   C. IMMEDIATELY AFTER SURFACE PREPARATION, APPLY PRIMER TO PROVIDE A DRY THICKNESS OF NOT LESS THEN 1.5 MILS.
   D. TOUCHUP: RE-CLEAN AND REPAINT ALL PRIMER DAMAGED BY THE ERECTION OR CONSTRUCTION PROCESS.

STRUCTURAL STEEL

10. HOT DIPPED GALVANIZATION:
    A. AFTER FABRICATION, ALL INDICATED STRUCTURAL MEMBERS SHALL BE GALVANIZED PER ASTM A123 TO A MINIMUM COATING THICKNESS OF 3.9 MILS.
    B. FIELD DRILLING, CUTTING, WELDING OR OTHER DAMAGING ADJUSTMENTS SHALL NOT BE PERMITTED AFTER GALVANIZATION WITHOUT APPROVAL OF THE EOR.
    C. TOUCH UP ANY DAMAGE TO GALVANIZED SURFACES WITH TWO COATS OF ZINC-BASED TOUCH UP COATING: ZRC COLD GALVANIZING COMPOUND, MANUFACTURED BY ZRC WORLDWIDE OR APPROVED ALTERNATIVE.

11. SEITING BASE AND BEARING PLATES:
    A. CLEAN CONCRETE BEARING SURFACE OF BOND-REDUCING MATERIALS AND CLEAN BOTTOM OF BASE PLATE.
    B. SET BASE OR BEARING PLATE ON WEDGE OR OTHER ADJUSTING DEVICES AS REQUIRED.
    C. TIGHTEN ANCHOR RODS AFTER STRUCTURAL STEEL FRAME HAS BEEN PLUMBED. DO NOT REMOVE WEDGES OR SHIMS BUT, IF PROTRUDING, CUT OFF FLUSH WITH EDGE OF BASE OR BEARING PLATE PRIOR TO PACKING WITH GROUT.
    D. PACK OR POUR NON-SHRINK GROUT SOLIDLY BETWEEN BEARING SURFACE AND BASE OR BEARING PLATE. ENSURE THAT NO VOIDS REMAIN. FINISH EXPOSED SURFACES, PROTECT GROUT AND ALLOW TO CURE.
    E. NON-SHRINK GROUT SHALL BE NONMETALLIC SHRINKAGE RESISTANT GROUT CONFORMING TO ASTM C1107.
    F. FOR PROPRIETARY GROUT MATERIALS, COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
    G. BASE PLATES MUST BE GROUTED A MINIMUM OF 72 HOURS PRIOR TO PLACING CONCRETE SLABS ON SUPPORTING STEEL STRUCTURE.

12. CUT, DRILL, OR PUNCH HOLES PERPENDICULAR TO METAL SURFACES. REAM HOLES THAT MUST BE ENLARGED TO ADMIT BOLTS AS PERMITTED BY ARCHITECT. DO NOT ENLARGE UNFAIR HOLES BY BURNING OR USING DRIFT PINS.

OPEN WEB STEEL JOISTS:

1. DESIGN, MANUFACTURE, AND ERECTION OF OPEN WEB STEEL JOISTS SHALL BE PER THE STEEL JOIST INSTITUTE'S SPECIFICATIONS, LATEST EDITION.

2. ALL STEEL JOISTS SHALL BE SHOP COATED WITH A PRIMER COAT AND PAINTED PER PAINTING REQUIREMENTS IN THE PLANS AND SPECIFICATIONS.

3. EACH JOIST SHALL BE LATERALLY BRACED IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE (SJI) REQUIREMENTS BEFORE NEXT JOISTS IS ERECTED AND BEFORE ANY LOAD IS APPLIED.

4. THE JOISTS SHALL BE DESIGNED FOR THE NET UPLIFT INDICATED IN THE STRUCTURAL NOTES BRIDGING SHALL BE MADE AT PANEL POINTS OF JOISTS, MINIMUM BRIDGING SIZE SHALL BE L1 1/4x1 1/4x1/8 UNLESS LARGER IS REQUIRED BY SJI SPECIFICATIONS AND SHALL CONFORM TO CURRENT OSHA REQUIREMENTS.

5. ANY CONCENTRATED LOADING EXCEEDING 50 POUNDS SHALL BE SUSPENDED FROM PANEL POINTS OF STEEL JOISTS. SEE JOIST REINFORCEMENT DETAILS FOR REQUIREMENTS WHEN LOADING EXCEEDS 50 POUNDS ON THE TOP OR BOTTOM CHORDS.

6. JOIST SEATS SHALL HAVE THE CAPACITY TO RESIST A LATERAL LOAD APPLIED TO THE TOP CHORD, PERPENDICULAR TO THE SPAN (ROLLOVER). PROVIDE A MINIMUM ROLLOVER FORCE OF 2,000 POUNDS FOR SEATS UP TO 21/2 INCHES DEEP AND 1,200 POUNDS FOR SEAT OVER 31/2 INCHES DEEP.

COLD FORMED STEEL FRAMING

1. ALL COLD-FORMED STEEL FRAMING SHALL CONFORM TO ASTM A1003 AND BE FABRICATED AND ERECTED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND WITH THE LATEST EDITION OF "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" BY THE AMERICAN IRON AND STEEL INSTITUTE (AISI).

2. COLD-FORMED STEEL FRAMING SHOWN SHALL HAVE THE FOLLOWING MINIMUM MATERIAL PROPERTIES:
   A. 16 GAUGE (54 MIL) AND THICKER SHALL HAVE A MINIMUM YIELD STRESS OF Fy = 50 KSI AND A TENSILE STRENGTH OF Fu = 65 KSI.
   B. 18 GAUGE (43 MIL) AND THINNER SHALL HAVE A MINIMUM YIELD STRESS OF Fy = 33 KSI AND A TENSILE STRENGTH OF Fu = 45 KSI.

3. USE GALVANIZED (G60) STEEL "C" STUDS, TRACKS, ANGLES AND STRAPS AS SHOWN ON DRAWINGS. ALL STUDS SHALL HAVE A MINIMUM FLANGE WIDTH OF 1-5/8 INCH WITH A 1/2 INCH RETURN LIP. TRACKS SHALL BE A MINIMUM OF THE SAME GAUGE AS STUDS WITH MINIMUM OF 1-1/4 INCH LEG.

4. MAXIMUM SPACING OF LATERAL BRIDGING FOR COLD-FORMED STEEL STUDS SHALL BE 4 FEET FOR SPANS GREATER THAN 10 FEET AND MIDSPAN FOR SHORTER SPANS. LATERAL BRIDGING SHALL ALSO BE PROVIDED AT FREE ENDS OF CANTILEVERED PARAPETS AND NEAR THE SUPPORTS OF CONTINUOUS SPANS.

5. STUDS SHALL BE FREE OF KINKS AND TWISTS AND SHALL BE SECURELY SEATED FOR FULL END BEARING ON TOP AND BOTTOM TRACK.

6. UNLESS INDICATED OTHERWISE, PROVIDE DOUBLE STUDS AT ALL JAMBS, CORNERS AND INTERSECTIONS.

7. LIGHT GAUGE FRAMING (LGF) SHALL BE CONNECTED, AT A MINIMUM, AS FOLLOWS:
   A. LGF TO STEEL:
      TRACKS - 1 PAF @ 12" O.C. STAGGERED
      CLIPS - 2 PAF
   B. LGF TO CONCRETE:
      TRACKS - 1 PAF @ 12" O.C. STAGGERED
      CLIPS - 2 PAF
   C. LGF TO LGF:
      TRACKS - #10 TO EACH FLANGE
      CLIPS/STUD - 4 #10

8. SCREWS, WHERE REQUIRED, SHALL MEET THE MINIMUM REQUIREMENTS OF SAE J-429 GRADE 5 AND IFI-105. SCREWS SHALL HAVE A PROTECTIVE COATING EQUIVALENT TO CADMIUM OR ZINC PLATING, ASTM B766.

9. POWDER ACTUATED FASTENERS (PAF) SHALL BE HILTI X-U KNURLED SHANK FASTENERS (WITH A MINIMUM SHANK DIAMETER OF 0.157 INCHES) OR APPROVED EQUAL. A MINIMUM EMBEDMENT OF 1 INCH SHALL BE PROVIDED FOR ALL CONCRETE CONNECTIONS.

10. 3/16 INCH TAPCONS WITH A MINIMUM EMBEDMENT OF 11/2 INCH MAY BE USED IN LIEU OF THE SPECIFIED PAF FOR CONNECTIONS OF LIGHT GAUGE FRAMING TO CONCRETE AT THE SPACINGS SHOWN ABOVE OR IN THE DETAILS FOR PAF.

11. #12 SELF TAPPING SCREWS MAY BE USED IN LIEU OF THE SPECIFIED PAF FOR CONNECTIONS OF LIGHT GAUGE FRAMING TO STEEL AT THE SPACINGS SHOWN ABOVE FOR PAF IF THE THICKNESS OF THE STRUCTURAL STEEL ALLOWS FOR PROPER INSTALLATION.

12. FIELD CUTTING OF LIGHT GAUGE FRAMING MEMBERS SHALL BE BY SAW OR SHEAR. TORCH CUTTING IS NOT PERMITTED.

13. SPLICING OF FRAMING COMPONENTS, OTHER THAN THE CONTINUOUS TRACK AT THE TOP AND BOTTOM OF WALLS, IS NOT PERMITTED, U.O.N. SPLICING OF TRACK USED IN THE CONSTRUCTION OF THE JAMB, HEAD OR SILL ASSEMBLIES OF FRAMED WALL OPENINGS IS NOT PERMITTED. WHERE SPLICING OF TRACK IS NECESSARY BETWEEN STUD SPACINGS, A SECTION OF STUD SHALL BE PLACED IN THE ADJOINING TRACKS ACROSS THE JOINT AND FASTENED TO THE FLANGES AT BOTH SIDES OF THE WALL.

CONCRETE MASONRY

1. CONCRETE MASONRY MATERIALS AND CONSTRUCTION SHALL CONFORM WITH TMS 402-16, BUILDING CODE FOR MASONRY STRUCTURES.

2. COMPRESSIVE STRENGTH OF MASONRY SHALL BE DETERMINED BY THE UNIT STRENGTH METHOD AS SET FORTH IN ACI 530.1. THE NET AREA COMPRESSIVE STRENGTH OF MASONRY (F'm) SHALL BE A MINIMUM OF 1,500 PSI AT 28 DAYS.

3. USE 50% SOLID CONCRETE MASONRY UNITS CONFORMING TO ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 1,900 PSI AT 28 DAYS.

4. USE TYPE S MORTAR IN ACCORDANCE WITH ASTM C270 EXCEPT USE TYPE M MORTAR BELOW GRADE. HEAD AND BED JOINTS SHALL BE 3/8 INCH FOR THE THICKNESS OF THE FACE SHELL. WEBS ARE TO BE FULLY MORTARED IN ALL COURSES OF PIERS, COLUMNS AND PILASTERS, IN THE STARTING COURSE AND WHERE AN ADJACENT CELL IS TO BE GROUTED. REMOVE MORTAR PROTRUSIONS EXTENDING 1/2 INCH OR MORE INTO CELLS TO BE GROUTED.

5. USE FINE OR COARSE GROUT CONFORMING TO ASTM C476, WITH A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI IN 28 DAYS. AGGREGATE SHALL CONFORM TO ASTM C404 FOR GROUT SELECTED, WITH SLUMP OF 8 INCHES TO 11 INCHES.

6. ALL REINFORCED CELLS AND CELLS WITH EXPANSION BOLTS, EMBED PLATES, OR OTHER ANCHORS AND ALL CELLS BELOW GRADE SHALL BE GROUTED SOLID IN ACCORDANCE WITH ACI 530.1. ALLOW MORTAR TO CURE 24 HOURS PRIOR TO GROUTING.

7. LAY UP UNITS IN RUNNING BOND UNLESS OTHER