J.M.VEROSTKO,INC.
CONSULTING ENGINEERS

January 16, 2026

ADDENDUM NO.1

To Drawings and Specifications for

Madison Correctional Institution – Fire Alarm, Fire Devices, & Fiber Upgrade Project
Project DRC-25F132
1851 OH-56
London, Ohio 43140

To All Bidders:

This addendum supplements and amends the original drawings and specifications; it shall be taken into account in preparing proposals and shall become a part of the Contract Documents.

General Items:

1. *See attached pre-bid meeting minutes and sign-in sheet.*
2. *See below for RFI responses:*

RFI Responses:

1. The Building J cover sheet, J-C000, lists two architectural dwgs, J-A0.1 & J-A1.0. These sheets appear to be missing, can they be re-issued? **See below for attached architectural drawings.**
2. Spec sections 21 00 00 and 21 10 00 both appear to be missing from the project manual. **Any required specifications have been added to Architectural pages J-A0.1 and J-A1.0 included below.**
3. Advise which fire alarm devices/manufacturers/systems are acceptable for use? **See revised Specification section 28 31 11.**
4. Can you provide a uniform allowance to complete any general trades re-work (ACT/Drywall/steel patching et al)? **There will be no allowance for this included in the specifications. Please include the price for this in your base bid.**
5. Can you please provide / and confirm no fire sprinkler re-work will be done? **There is no planned fire sprinkler re-work included in the base scope.**
6. There is a general note on ALL of the FA system drawings: "Provide steel tamper proof covers for all smoke detectors in inmate accessible areas under 12' AFF" In some of the buildings this is obvious where an inmate may have access but many of the buildings and areas this is not clear. There are no subscripts denoting which detectors get these covers. Please clarify. **These areas include all spaces in the following buildings: A,B,C,D,G,H,J,K,M,N,P,R,S,T,U,V,X,Y,Z**
7. There is a general note on ALL of the FA system drawings "Provide keyed tamper resistant pull stations in all inmate accessible areas" In some buildings this is obvious but many other buildings and areas this is not clear. There are no subscripts denoting what type pull stations are required. Please clarify. **These areas include all spaces in the following buildings: A,B,C,D,G,H,J,K,M,N,P,R,S,T,U,V,X,Y,Z**
8. There aren't any roof plans or specs that I can find. We have to make several new roof penetrations. Can you provide any info on the existing roof systems? **See Detail: Support for air cooled condensers & condensing units attached.**

Drawings:

1. J-A0.1, J-A1.0 – Not included in the original bid package

Specifications:

1. *Specification Section 00 20 00- Remove pages 21-28 from the current project manual and attach with section 00 20 00.*
2. *Specification Table of Contents-Remove reference to section 00 62 43-Certified Payroll Reports.*
3. *Specification Section 00 73 00-Add the attached section.*
4. *Specification Table of Contents-Remove reference to section 21 00 00-Fire Protection Scope of Work.*
5. *Specification Table of Contents-Remove reference to section 21 10 00-Fire Protection Scope of Work.*
6. *Specification Table of Contents-Add reference to section 28 31 11- Fire Alarm System-Addressable.*
7. *Remove both specification sections 28 31 11 - Fire Alarm System-Addressable.*
8. *Revised specification section 28 31 11 - Fire Alarm System-Addressable.*
9. *The following specification sections' headers have been modified to say "DRC-25F132 FIRE PANEL, FIRE DEVICES, & FIBER UPGRADE": 26 05 19, 26 05 29, 26 05 33, 26 05 34, 26 05 53, 26 08 00.*

END OF ADDENDUM 1

PRE-BID MEETING
January 12, 2026 (12:30 pm)
DRC-25F132
MaCI Fire Alarm Panels/Devices & Fiber Up-grades

1. Introductions and general overview of the Project scope of work.

2. Summary of the work is located in Specifications and includes but is not limited to the performance of all work as indicated in the Construction Documents.

3. OFCC will receive bids for Prime Contractor.

   The Project is located at:

   Madison Correctional Facility
   1851 OH-Rt. 56
   London, Ohio 43140, Madison County

4. State funded project following typical in accordance with Agency State rules, & requirements; except where noted otherwise.

5. This Project will be utilizing the OFCC “General Contracting” Requirements (aka) “Front End” dated Oct. 2025. **These are the most current documents.** Please read and become familiar with them including latest special conditions as related to Milestone Dates. Documents are available at ofcc.ohio.gov.

6. Estimates of the Contract work is included in solicitation and bid form Notice to Bidders.

7. Section 00 21 13, Instruction to Bidders (electronic: Bid-express version) from April 2022.:

   a) Article 2.5: Substitution Prior to Bid Opening: No substitution will be allowed to the items specified unless the proposed item has been submitted for approval in a timely manner and has been noted in an Addendum. The bids are to reflect the use of items as specified or "approved" equals only. Proposed Substitutions received by the A/E less than 10 days prior to the bid opening shall not be considered. No write-in substitutions are allowed. See IB section 2.5.

   b) Article 2.6, Bid Form: Each Bid shall be submitted on an electronic Bid Form using the State’s electronic bidding software. The Bidder shall fill in all relevant spaces on the electronic Bid Form.

   c) Article 2.10, Submittals with Bid Form: All Bidders that do not currently possess an EEO Certificate of Compliance should immediately pre-apply for a certificate with Affirmative Action Programs, issued pursuant to Section 9.47 ORC by the State Equal Opportunity Center. This office is in the Equal Opportunity Division of the Department of Administrative Services, 4200 surface Road; Columbus, Ohio. Their phone number is (614) 752-9292. This form is required for execution of a Construction Contract. See Article 1.1.3. It is recommended that the Contractor apply prior to bidding in order to save time.

   d) Article 2.10.3.8, Submittals with Bid Form: Submittal of the Responsible Bidder Background Information (RBI) with bids is not required but STRONGLY encouraged. This section will require at the request of the Contracting Authority either:

e) An annual financial statement prepared within the twelve (12) months prior to the Bid by an independent licensed accounting firm; and the name, address, contact person and phone number of the bank normally used by the Bidder for its primary banking; or,

f) A financial report generated within 30 days prior to the Bid from Standard and Poors, Dun and Bradstreet or a similar company documenting the financial condition of the Bidder; and the name, address, contact person and phone number of the bank normally used by the Bidder for its primary banking;

g) This above financial information is not a public record under Section 149.43, ORC; and will remain confidential, except under proper order of a court.

h) The Bidder is encouraged to submit background information with its Bid using the Bidder's Qualification Form.

i) Article 2.10.3.14: Out of State Contractors need to secure a certificate of Good Standing from the Ohio Secretary of State.

j) Article 2.10.1 The Contracting Authority shall reject a Bid as non-responsive if the Bidder fails to submit a Bid Guaranty as stated in Article 5. Bid Guaranty and Bond: Paragraphs 5.1 and 5.4**.:** Bidders have the option to include along with the Bid Guaranty and Power of Attorney from the Surety, a Contract Bond with their Bids. The latter is required before signing the Contract Form. We strongly recommend that the Bidders use the "Bid Security Form" (combined Bid Guaranty and Bond) and "Performance and Payment Bond Form" included in our Standard Conditions, Section 00 43 13. In lieu of a Bid Guaranty and Contract Bond, the Bidder may submit a Letter of Credit or cashier's check in accordance with Article 5.1.6. Bidders need to include their full company name on this document. Failure to utilize the correct Bond form will result in the Bidders rejection as being non-responsive.

k) Article 6.1.3, Ohio Workers' Compensation Certificate: A current Certificate must be provided as precedent for execution of a Contract.

l) Article 6.1.9: By submitting its Bid, the Bidder warrants that it is not subject to an unresolved finding for recovery under O.R.C. Section 9.24. O.R.C. Section 9.24 prohibits the State from awarding a Contract to any Bidder against whom the Auditor of State has issued a finding for recovery if the finding for recovery is unresolved at the time of award. If the Contract is awarded to a Bidder subject to an unresolved finding for recovery under O.R.C. Section 9.24, the Contract is void on its face and the Contractor shall immediately repay to the Owner any funds paid under the Contract.

m) Article 6.1.10: All Contractors shall make a good faith effort to participate in the "Encouraging Diversity Growth and Equity ("EDGE") Program by contracting with and using one or more businesses certified as an EDGE Business Enterprise by the Department's Equal Opportunity Division ("EOD") as proposed for each contract by the Contractor and as approved by the Department for use on each contract.

- Conditions Precedent for Execution of Contract, all contractors shall provide evidence acceptable to the Department of the Bidder's participation in contracting with certified EDGE Business firms for the project, and provide evidence acceptable to the Department of the Bidder's good faith effort to contract with certified EDGE Business Enterprise companies for this the project" by completing a fully executed EDGE Affidavit for each such Enterprise.

- Additional information may be reviewed on the EOD web page located at: http://das.ohio.gov/Eod/Edge/

- The Responsible Bidder and EDGE Good Faith Forms are due 72 Hours after the contractor receives notice that they are the “Apparent Low Bidder”. Contractors bid WILL be deemed Non Responsive for FAILURE to comply with the 72 hours deadline.

- The EDGE Participation Goal is 5.0%.

n) Article 6.2, Non-compliance with Conditions Precedent: The award of the Contract and execution of the Contract Form require the Contractor to comply with all conditions precedent for execution of the Contract within 10 days of the date of the Notice of Intent to Award, and the Bidder’s Qualification Form; including a fully completed EDGE Affidavit for each EDGE-certified Business Enterprise, not previously provided within 3 business days of receiving request.

o) Article 6.3, Time Limits: The Contracting Authority’s failure to award the Contract and execute the Contract Form-within 60 days of the bid opening invalidates the entire bid process and all Bids submitted, unless the time is extended by written consent of the apparent lowest responsive and responsible Bidder to the Contracting Authority.

p) Article 6.4, The Contracting Authority shall issue a Notice to Proceed to the contractor which establishes the date of commencement and calendar days allocated for Substantial Completion of all work.

q) Article 6.5, Wage Rates: Prevailing wage rates are required for this Project.

8. Section 00 72 13 General Conditions from Oct. 2025.

a) Article 1.6: Drug Free Safety Program Participation

1.) By entering into this Contract, the Contractor agrees that it will require each of its Subcontractors, or tiered subcontractors, which provide labor on the Project site to be enrolled in an OBWC approved DFSP. Per 0072 13 General Conditions, if the current DFSP certificates have expired, contractors/subcontractors are to reapply under the new program Substance Use Prevention and Recovery (SUPR) Program.

2.) Prior to authorizing a Subcontractor to commence work on the Project Site, the Contractor shall submit written confirmation of the Subcontractor's enrollment to the A/E and Department.

In addition to OBWC approved DFSP Level 1 requirements, the Department requires that the Contractor and each Subcontractor that provides labor on the Project site to perform random drug testing of five (5) percent of its employees who perform labor on the Project construction site(s). The random drug testing percentage shall also include the onsite supervisors of the Contractor and applicable Subcontractors. Level 1 random drug testing shall otherwise comply with the same testing guidelines and criteria as required for OBWC approved Level 2 testing.”

b) Article 6.5, General Conditions-Construction Progress Scheduling: Refer to this section and the specification section 01 32 16 for requirements pertaining to electronic scheduling and coordination. Provide at minimum monthly up-dates and additional where recovery is needed. Include milestone dates. Use of Primavera, P-6.xml (latest version), scheduling software will be required. See other sections of this Article pertaining to required construction procedures.

c) Prime contractors please review Article 1 your contractual responsibilities and obligations.

d) Substantial Completion Time is **448 days** (consecutive calendar days) after Notice To Proceed.

e) There will be weekly job progress and coordination meetings. For each progress meeting the Contractor shall provide written progress reports, for work recently done, work underway, applicable logs, and 1 and 2 week look-ahead reports for expected work.

f) Ohio law requires the use of **DOMESTIC STEEL**.

g) The Owner has submitted and paid for the Plan Approvals through the A/E from the Ohio Department of Industrial Compliance. The respective Contractors shall provide all inspections as needed and provide inspection approval certificates to the A/E for Project record documentation as may be applicable, such as, related to fire protection, plumbing, mechanical, and electrical work, etc. The Contractor shall obtain all regulatory approvals and pay all other fees as may be needed to obtain Fire Marshal, Life Safety, OSHA and OEPA approvals for the work.

h) The Contracting Authority does plan on utilizing the Oaks CI module system for this Project.

9. Section 00 72 13 General Conditions, Article 10, Contractor's General Insurance and Builder's Risk Insurance: The Prime Contractor shall provide and maintain, during the progress of the Work and until the execution of the final Certification of Contract Completion by the Contracting Authority, a Builder's Risk insurance policy to cover all Work in the course of construction. This insurance shall be on a special cause of loss form, which provides coverage on an open perils basis insuring against the direct physical loss of, or damage to, covered property including, but not limited to, theft, vandalism, malicious mischief, earthquake, tornado, lightning, explosion, breakage of glass, flood, collapse, water damage, and hot and cold testing. This insurance shall also include debris removal, and/or demolition occasioned by enforcement of Applicable Law. General Condition Section 00 72 13, Article 10 also requires professional liability insurance coverage.

10. A Pre-bid Site visit is scheduled for 1-12-2026 at to occur after the Pre-bid Meeting. Meet at the main Administration Building lobby. Cameras are permitted but only in designated areas and no photos are to be taken of any inmates.

11. Bids due to be submitted electronically through the State Bidding Software Program by 1-30-2026 at 1:00 pm.
(RM) If BidExpress goes down for some reason, do not release your bid number to anyone, we will not release any numbers. We will extend the bid until the next day when BidExpress is back up and then we will close the bids.

a) Bidders shall fill in all relevant spaces on the electronic Bid From, including completion of the "Bidder Affirmation and Disclosure" section.

b) Bid Form shall include full legal name of the Bidder.

c) There are five Alternates: 1) Replace AHU: AC-2a at Zone A Control Station, 2) Replace AHU: AC-4 at Building H, 3) Replace AHU: AC-J at Building J, 4) Replace Chiller: CH-2 at Zone B Administration, and 5) Replace Chiller: CH-3 at Central administration.

d) Allowances and Unit Pricing. Any required Allowances or requested Unit Prices that are included on this Project will be indicated on the Bid Form. See IB sections 2.7 and 2.8 respectively. There are no Unit Prices. There is one Allowance for additional fire alarm, technology, etc. items throughout the Project, as part of base bid.

e) Article 2.3: If a Bidder finds any perceived ambiguity, conflict, error, omission, or discrepancy within the Contract Documents and Applicable Law, the Bidder shall submit a written Request for Interpretation ("RFI") to the A/E for an interpretation or clarification. The A/E shall respond to RFI's received more than seven (7) days before the bid opening. This allows the A/E time to prepare and issue any necessary Addendum.

f) Any changes in the Contract Documents, prior to bidding, will be issued in an Addendum 72 hours before the scheduled bid opening (excluding weekends and legal holidays).

g) Bid Evaluation Procedure. Contractors, subcontractors, and material suppliers will be subject to a pre-award evaluation procedure per IB 3.5.

h) Rejection of Bid. If the lowest Bidder is not responsive or responsible the Contracting Authority shall reject the Bid and commence with evaluating the next lowest Bidder for award consideration. The "10% Rule" may also affect the ability to accept any or all Bids.

Once the responsive and responsible low Bidder has been determined, a "Notice of Intent to Award" a contract will be issued. Once a Contract is awarded (within 60 days) the Contractor can expect to receive a "Notice to Proceed". This sets the Project commencement date. Within 10 days of this notice, the Contractor shall submit to the A/E the following information:

-Schedule of Values
-Preliminary schedule of shop drawing submittals
-Subcontractor and Material Supplier Declaration Form
-Qualifications and resumes of proposed Project Manager & Superintendent
-Evidence that an automatic deposit authorization agreement for state warrants has been submitted to the Auditor of the State of Ohio, using the electronic funds transfer form, provided on the internet per IB section 6.4.1.5
-Schedule of dates during the Contract term when the Contractor shall pay employee wages for the Project

12. Owner Items
    a) Security-worker background information and contractor passes
        (RM) We want you to get the background packets turned in as quickly as possible. Every employee should fill one out, so we are covered. It doesn't hurt to have someone put the packet through and then not work on the project. They all funnel to one person and depending on the number of projects running in the state, they could take a little bit to get back. The background checks are good for 2 years.
    b) Training
        (RM) Once the background checks are complete, all employees will receive a day of training prior to any work on the property.
    c) Work hours
        (RM) These will be 4 – 10 hours days (Tuesday – Friday). We will use Monday as a make up day if we encounter an issue getting behind schedule. We have already been granted 6 escorts for this project plus we have an extra 4 that we can pull from if we need some for an emergency.
    d) Secure work areas
    e) Staging areas: site office, and stored materials
        (RM) There is an area out back, outside the fence, that you can place a conex

box and use as a laydown area. That area is still a secure area and all tools and materials must remain locked at all times.

f) Site access and Parking
g) Facility and Utility usage
h) Protection-secure from damage existing property, dust and noise limitations.
(RM) If your employees are drinking or using drugs, don't send them to the job. Marijuana is legal but if an employee comes here smelling like marijuana then we will not let them into the institution because we can't be sure when the last used.
(RM) Also, don't have drugs or alcohol beverages in your vehicles.

13. Project Review
    a) Site Logistics
    b) Anticipated Phasing (if needed) and Coordination of the Work.
    c) Coordination with facility and notifications.

14. Permit Documents
    a) Permit documents have been submitted and paid for by the A/E. Partial permits have been received for all buildings.
    -Fire Alarm System Shop Drawings will need to be submitted by the contractor to complete the permitting process. Any additional fees will be the responsibility of the contractor.

15. Questions

Please address any specific questions in writing to:

Tim Coy, Project Manager

J. M. Verostko, Inc.
2781 Slat Springs Road
Youngstown, Ohio 44509
Phone: 330-799-1339, ext.#0201
Cell: 330-509-4565
tim@jmverostko.com

Nothing presented in this Pre-bid Meeting is intended to conflict with the Contract Documents. Where conflicts may occur, Contract Documents take precedence. Verbal interpretations of the Contract documents, and any statements made at the Pre-Bid meeting by the A/E, the Owner, or its representatives will not be binding. Any and all changes to the Contract Documents will be made by written addendum.

Site Visit/Facility Walk-through: to be conducted on 1/12/2026 after the Pre-bid Meeting, for interested bidders. Those who are interested should have notified the A/E with list of attendees and list of equipment last week. It is highly important that any and all questions to be directed to the A/E, exclusively.

Basic scope of project:

(TC) Electrical –

- New Fire Alarm System for all of the buildings on here on the campus.
- Removing the existing system, installing new devices, installing new fire alarm panel and networking them together through the new fiber system
- Keep the existing Fire Alarm System operational as much as possible for as long as possible while the new system is being installed.

(TH) Technology –

- Remediation of existing closets, looking at relocation and consolidation to remove some closets
- Redoing the entire site fiber distribution
- A temporary fiber solution will be needed to keep buildings online while work is being done and fiber being replaced

Questions and Answers:

Q. Are you asking for a temporary fiber solution while a building is being connected in our bids?
A. That is correct.
Q. Do you have any thoughts on how that should be accomplished, are we just open to do whatever we want?
A. Running cable from building to building has already been discussed and MaCI has stated that will not be acceptable. It has been determined that a wireless bridge system, building to building will be the solution.

Q. Is EDGE required or recommended?
A. 5% is required
Q. What if you are an EDGE contractor?
A. Then you are covered.

Q. In terms of reworking ACT tiles and drywall, do we need to make assumptions for that as needed?
A. Yes you do.
Q. Since there are no allowances identified, we can't really qualify this bid. You want us to just have it covered in our bid?
A. There will be no allowance for ceiling/drywall replacement.

Q. When the contract was updated, did you update the liquidated damages?
A. $1250.00 per day.

Q. Any steel improvements in the alternates?
A. They are like for like replacements so there are no steel improvements.
Q. No re-roofing?
A. No. Everything will stay existing. It will be a swap out.

Q. Do you think the schedule is realistic or do you think you will be compressing it?
A. We have 6-10 escorts, so the schedule should be firm.
Q. How many areas can we work in with those escorts? How many escorts per crew?
A. One escort per crew, if a sensitive area then two escorts. The only issue if you run with one escort per crew, if someone on the crew has to leave or go out and get material then the whole crew has to close up, inventory everything and then the whole crew has to move together.

Q. Do the escorts break for lunch, is it mandatory?
A. Our escorts don't break for lunch. They will pack and pretty much eat throughout the day while watching

the crew work. You can take a lunch. If you do, we suggest that you pack your lunch because of the time it takes to get in and out of the institution but the schedule is yours. We give you an end date and how your get there is your concern.

Q. It is mandatory for a bidder to have attended this meeting?
A. No. That is a big reason for the minutes in an addendum so that everyone that wants to place a bid has the same information.

J. M. VEROSTKO, INC.
CONSULTING ENGINEERS

DRC-25F132

MaCI Fire Panel, Fire Devices & Fiber Upgrades – Pre-Bid Meeting

Monday, January 12, 2026

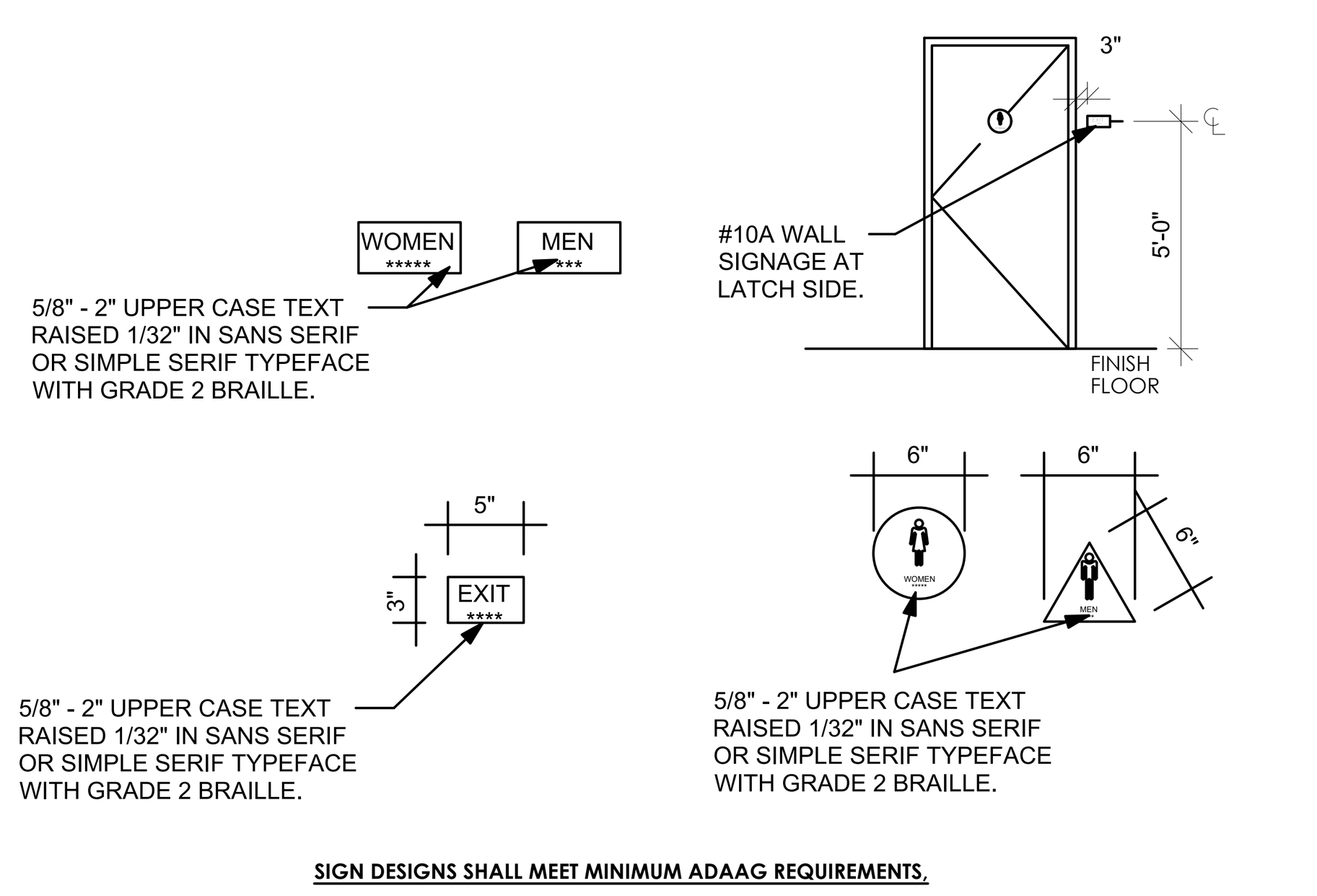
NAME	COMPANY	PHONE No.	E-MAIL ADDRESS	FAX No.
Tim Coy	J. M. Verostko	[redacted]	tim@jmverostko.com	
Thomas Hankey	J. M. Verostko		thomas@jmverostko.com	
David Oaks	J. M. Verostko		david@jmverostko.com	
MJ SAID	ACENSION		msaid@ascension-cs.com	
Scott Mitchell	Ascension		Smitchell@aseension-cs.com	
Doug Rigsbee	Chapel Romanoff Tech		doug.rigsbee@crtechcorp.com	
Mitchell Hines	Setterlin Bldg Co.		m.hines@setterlin.com	
Michael Covault	OFCC		michael.covault@ofcc.ohio.gov	
Robert Mcloughlin				
Brad Walborn	MaCI			

DOOR SCHEDULE													
Door Number	Door			Type	Door		Frame Type	Hardware	Frame				Comments
	Width	Height	Thickness		Material	Finish			Material	Finish	Jamb	Head	
140	3' - 0"	7' - 0"	0' - 1 3/4"	A	HM	FF	1	STORAGE	HM	FF			THE ROOM IS TO BE SECURE

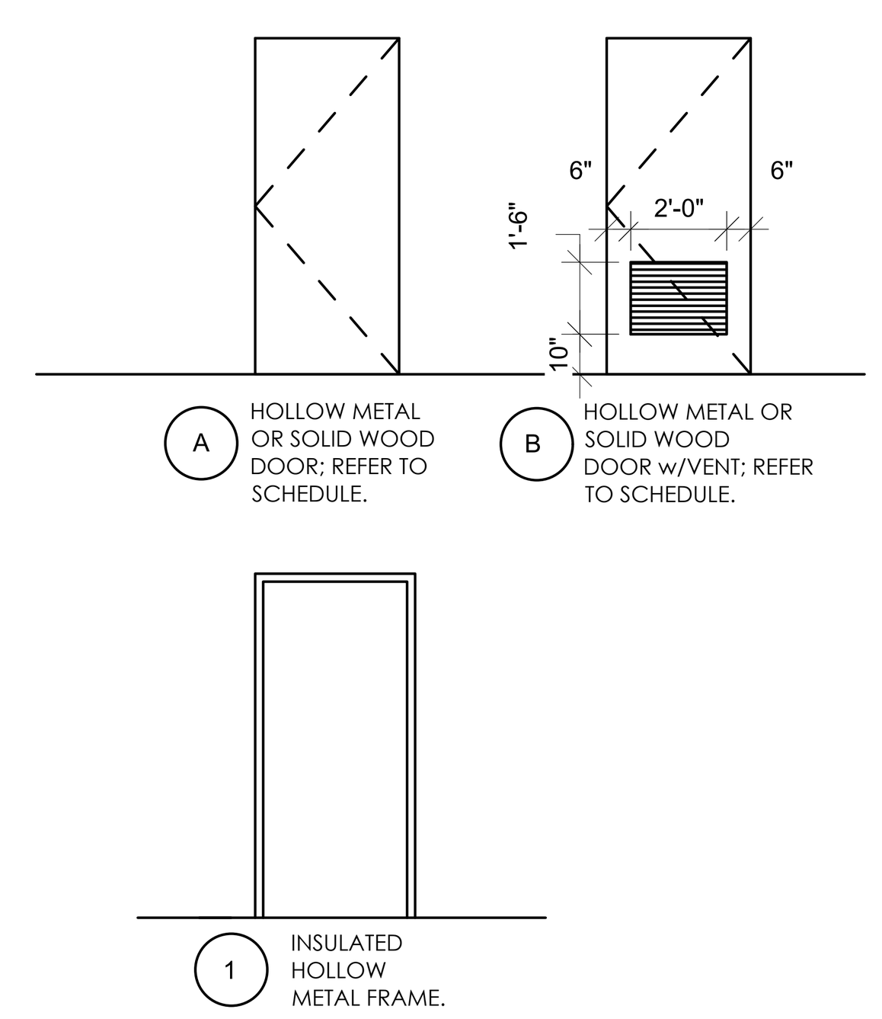
GLASS TYPES		ABBREVIATIONS
FG-1 = INSULATED, SAFETY GLASS	FG-6 = NOT USED	FF = FACTORY FINISH
FG-2 = INSULATED ANNEALED GLASS	FG-7 = NOT USED	HM = HOLLOW METAL
FG-3 = 1/4" CLEAR TEMPERED GLASS	FG-8 = NOT USED	WD = WOOD
FG-4 = INSULATED , LOW - E	FG-9 = NOT USED	ALUM = ALUMINUM
FG-5 = NOT USED	FG-10 = NOT USED	ETR = EXISTING TO REMAIN

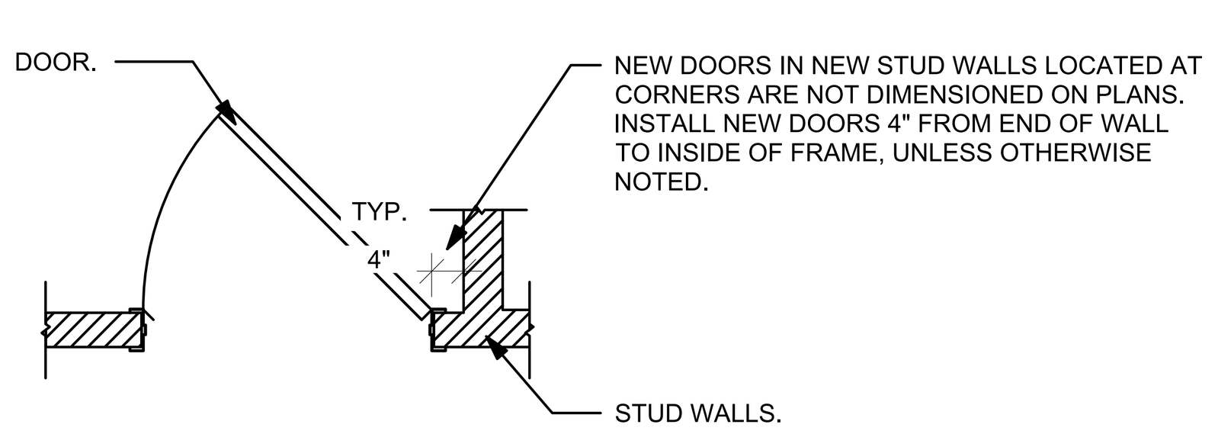
GENERAL DOOR NOTES

1. HARDWARE FOR EGRESS DOORS SHALL BE READILY OPENABLE FROM THE SIDE OF EGRESS WITHOUT USE OF A KEY OR SPECIAL EFFORT OR KNOWLEDGE. PROVIDE LEVER TYPE HARDWARE APPROVED FOR USE FOR HANDICAP ACCESSIBILITY. THE FORCE FOR PUSHING OR PULLING OPEN INTERIOR HINGED DOORS SHALL BE 5.0 POUNDS MAX.
2. REFER TO SPECIFICATIONS FOR HARDWARE SCHEDULE
3. INSTALL BACKER ROD AND SEALANT IN COLOR AS SELECTED BY ARCHITECT FULL PERIMETER OF FRAME BOTH SIDES.
4. ALL WOOD BLOCKING, NAILERS, PLYWOOD, ETC AT EXTERIOR FRAMES SHALL BE TREATED LUMBER.
5. ALL OPENING VOIDS AT EXTERIOR FRAMES SHALL BE FILLED w/BATT INSULATION.
6. INSTALL HINGE SIDE OF ALL DOOR FRAMES MINIMUM 4" FROM ADJACENT OR PERPENDICULAR WALL UNLESS NOTED OR DIMENSIONED OTHERWISE.
7. ALL HOLLOW METAL FRAMES REQUIRING FACE ANCHORS SHALL BE FILED, SANDED, AND PRIMED IN FIELD PRIOR TO FINAL PAINTING.
8. ALL HOLLOW METAL DOOR FRAMES SHALL BE FULLY WELDED CONSTRUCTION. ALL HOLLOW METAL FRAME WELDS SHALL BE GROUND SMOOTH, PRIMED, AND READY FOR FINAL PAINT IN FIELD UNO.
9. APPLIED STOPS SHALL BE ON INTERIOR/LOCKED (ROOM OR BUILDING) SIDE OF HOLLOW METAL FRAME - TYPICAL.
10. ALL EXTERIOR HOLLOW METAL DOORS AND FRAMES SHALL BE GALVANIZED AND FACTORY PRIME PAINTED. BAKED ON PRIMER READY FOR FINAL PAINT IN FIELD.
11. GROUT ALL HM DOOR FRAMES FULL IN MASONRY WALLS. REINFORCE FRAMES IN STUD WALLS IN ACCORDANCE WITH "TYPICAL STEEL STUD JAMB DETAILS AND ELEVATIONS".
12. ALL LABELED DOORS SHALL HAVE MATCHING RATED FRAMES, AND HAVE UL LISTED DOOR HARDWARE. LABELS SHALL NOT BE PAINTED
13. WHERE ALUMINUM FRAMING IS ABUTTING DISSIMILAR METALS, APPLY BITUMINOUS PAINT TO SURFACES OF BOTH ADJOINING METALS.
14. REFER TO SHEET A-001 FOR DOOR SWING APPROACH CLEARANCES.



SIGN DESIGNS SHALL MEET MINIMUM ADAAG REQUIREMENTS.



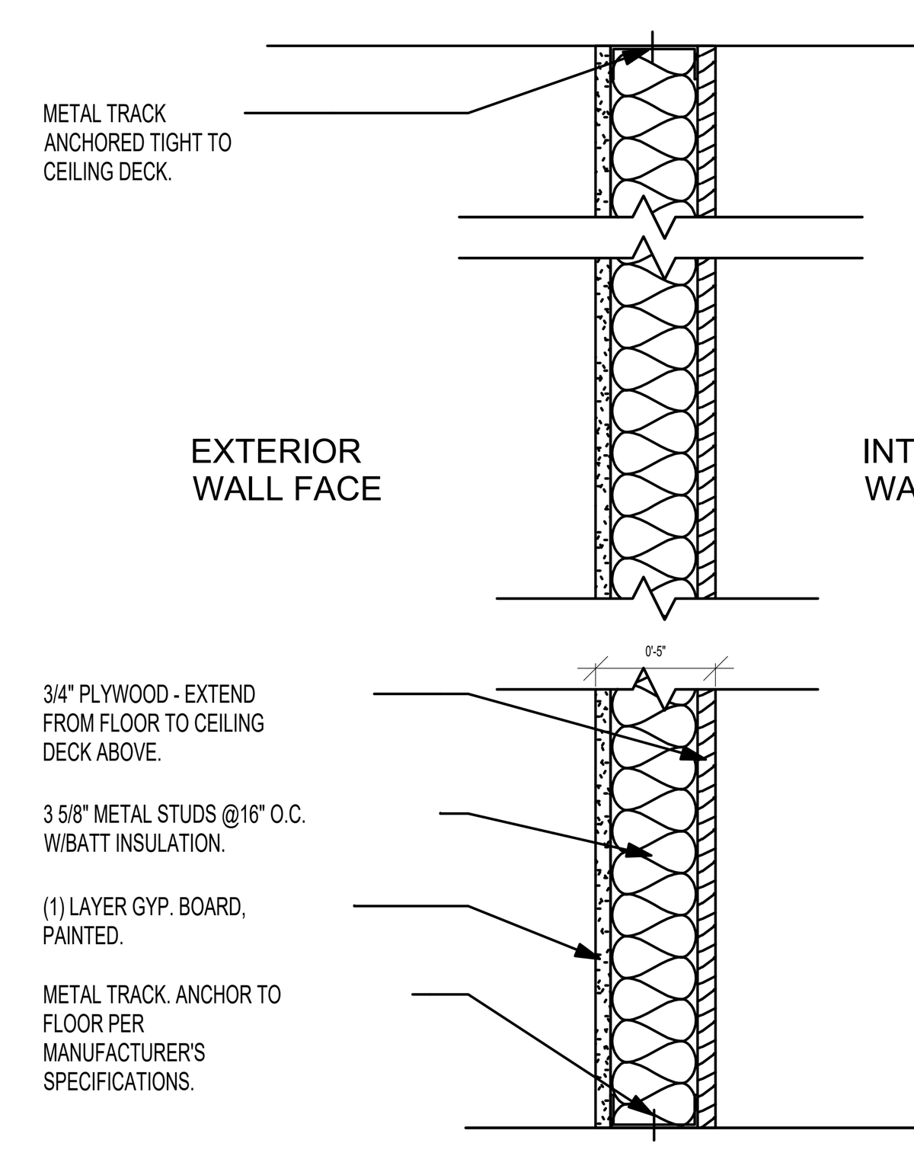


DOOR LOCATION DETAIL: N.T.S.

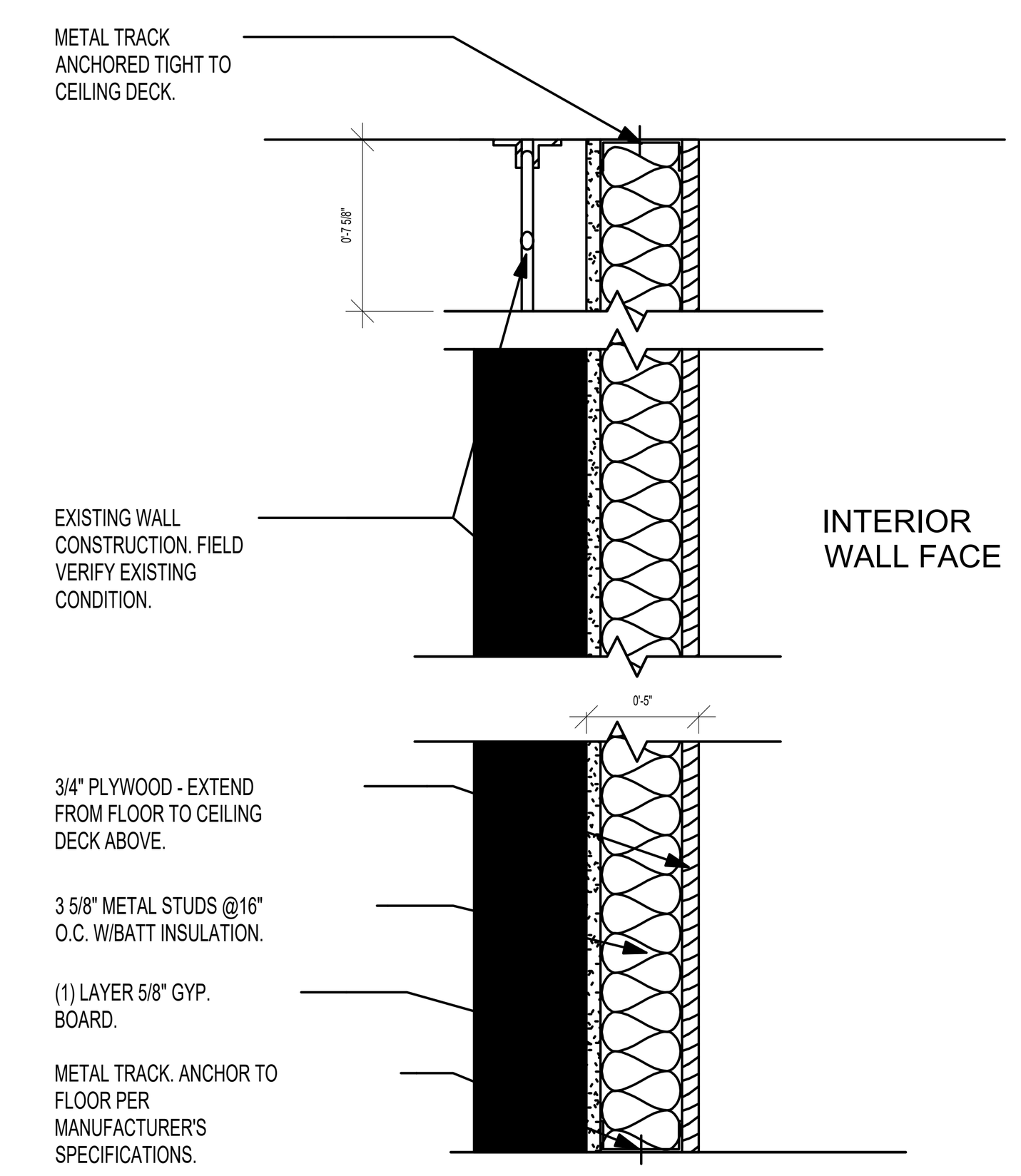
MOLD AND/OR WATER RESISTANT GYP. BOARD			
LOCATION	TYPE		NOTES
	MOLD	WATER	
Mech Rms	X	-	All walls and ceiling (where applicable)
Kitchen Walls	X	X	Within 6'-0" horizontally from all water sources
Bathroom Walls	X	X	All walls and ceiling
Laundry Clo. Walls	X	X	Within 6'-0" horizontally from all water sources
Common Laundry Walls	X	X	Within 6'-0" horizontally from all water sources
Janitor's Closets	X	X	All walls and ceiling

GENERAL WALL NOTES:

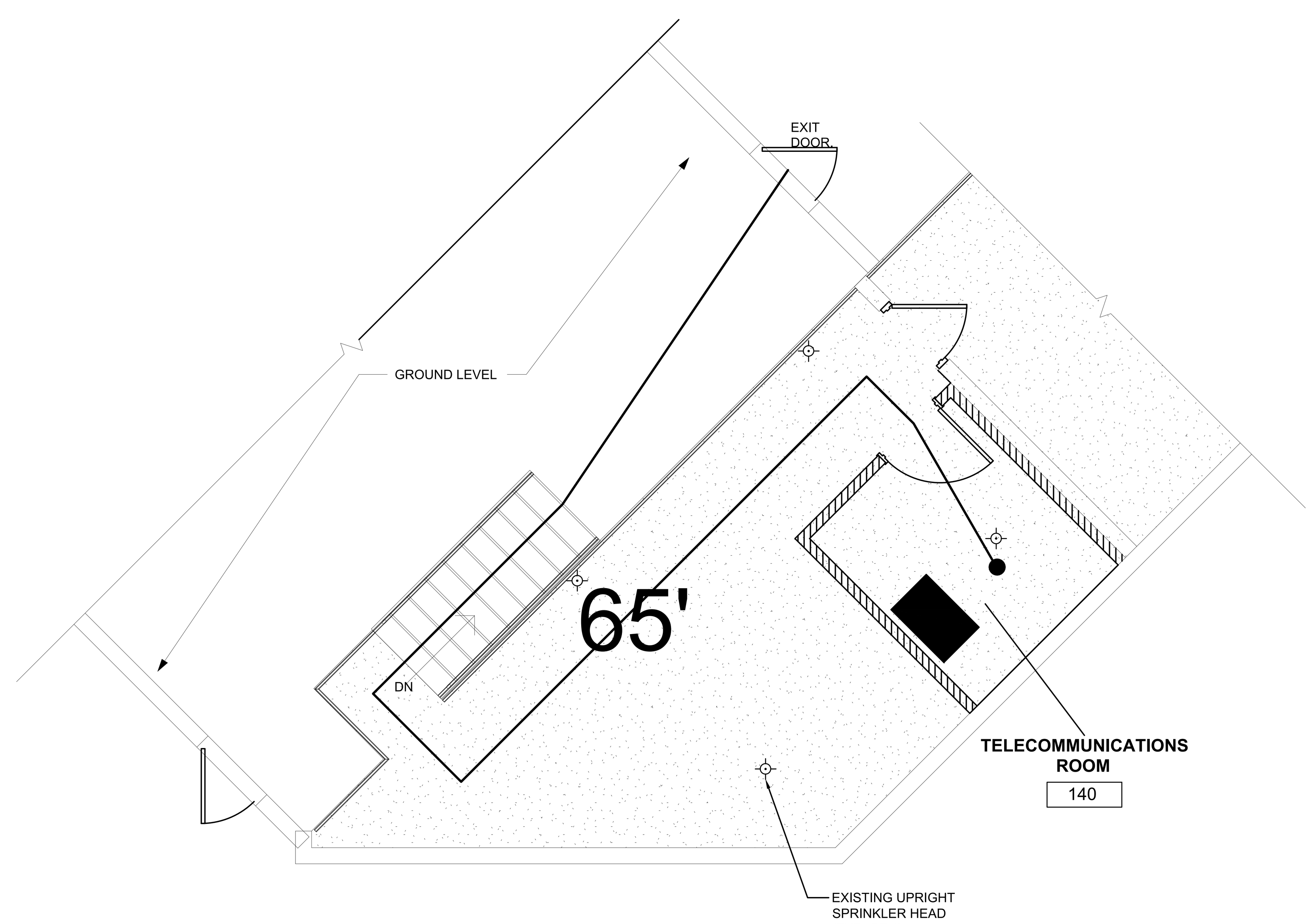
1. REFER TO APPLICABLE CODES REQUIREMENTS TO ENSURE COMPLIANCE PRIOR TO CONSTRUCTION.
2. FOR THE MOST UP-TO-DATE DETAILS, INCLUDING CONSTRUCTION VARIATIONS, REFER TO THE PUBLISHED DESIGN.
3. WHERE DESIGN NO. INDICATES "PER ", THE FIRE RATING IS BASED ON LABORATORY TEST DATA OF THE REFERENCED SIMILARLY CONSTRUCTED ASSEMBLIES.
4. STUD SIZES AND INSULATION THICKNESS ARE MINIMUM UNLESS OTHERWISE STATED IN THE PUBLISHED ASSEMBLY.
5. STUD AND FASTENER SPACINGS ARE MAXIMUM UNLESS OTHERWISE STATED IN THE PUBLISHED ASSEMBLY.
6. PANEL ORIENTATION SHALL BE AS SPECIFIED IN THE PUBLISHED DESIGN.
7. FIRE-RATINGS ARE FROM BOTH SIDES UNLESS OTHERWISE STATED.
8. FIRE-RATINGS ARE MAINTAINED WITH ONE OR MORE OF THE FOLLOWING MODIFICATIONS: INCREASE STUD DEPTH, INCREASE STUD MATERIAL THICKNESS, DECREASE STUD SPACING, DECREASE FASTENER SPACING, INCREASE INSULATION THICKNESS UP TO CAVITY DEPTH.
9. WHERE ACOUSTICAL PERFORMANCE IS PROVIDED IN AN ESTIMATED RANGE, THE VALUES ARE BASED ON LABORATORY TEST DATA OF SIMILARLY CONSTRUCTED ASSEMBLIES.
10. SOUND-RATINGS ARE MAINTAINED WITH ONE OR MORE OF THE FOLLOWING MODIFICATIONS: INCREASE STUD DEPTH, DECREASE STUD MATERIAL THICKNESS, INCREASE STUD SPACING, INCREASE FASTENER SPACING, INCREASE INSULATION THICKNESS UP TO CAVITY DEPTH. MODIFICATIONS MUST NOT EXCEED LIMITATIONS OF FIRE RATING.



W1 TYP. INTERIOR WALL SECTION - METAL STUD
3 5/8" METAL STUD, INSULATED, WITH 5/8" GYP. BD. ON EXTERIOR FACE AND 3/4" PLYWOOD ON INTERIOR FACE.



W2 TYP. INTERIOR WALL SECTION - METAL STUD
3 5/8" METAL STUD, INSULATED, WITH 5/8" GYP. BD. AGAINST EXISTING WALL AND 3/4" PLYWOOD ON INTERIOR FACE.



1 EGRESS PLAN - MEZZANINE
1/4" = 1'-0"

FIRE PROTECTION NOTES:

EXISTING WET-TYPE SPRINKLER SYSTEM SERVING MEZZANINE LEVEL TO REMAIN. EXISTING (4) UPRIGHT SPRINKLER HEADS PROVIDE COVERAGE FOR MEZZANINE AREA, INCLUDING THE NEW TELECOMMUNICATIONS ROOM. NO MODIFICATION TO SPRINKLER PIPING OR HEAD LOCATIONS IS PROPOSED UNDER THIS SCOPE.

THE EXISTING SPRINKLER SYSTEM WAS DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13. THE CONTRACTOR SHALL VERIFY SPRINKLER COVERAGE AND SPACING REMAIN COMPLIANT WITH NFPA 13. ANY ADJUSTMENTS REQUIRED FOR CODE COMPLIANCE SHALL BE PERFORMED BY A LICENSED FIRE PROTECTION CONTRACTOR.

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CONSULTING ENGINEERS

JOB NAME: MADISON CORRECTIONAL INSTITUTE
1851 STATE ROUTE 56
LONDON, OH 43140

SHEET NAME: WALL PARTITION TYPES, DOOR DETAILS, AND EGRESS PLAN

REV	DATE
1	1/16/26

DRAWN BY

CHECKED BY

DATE: NOV. 6 2025

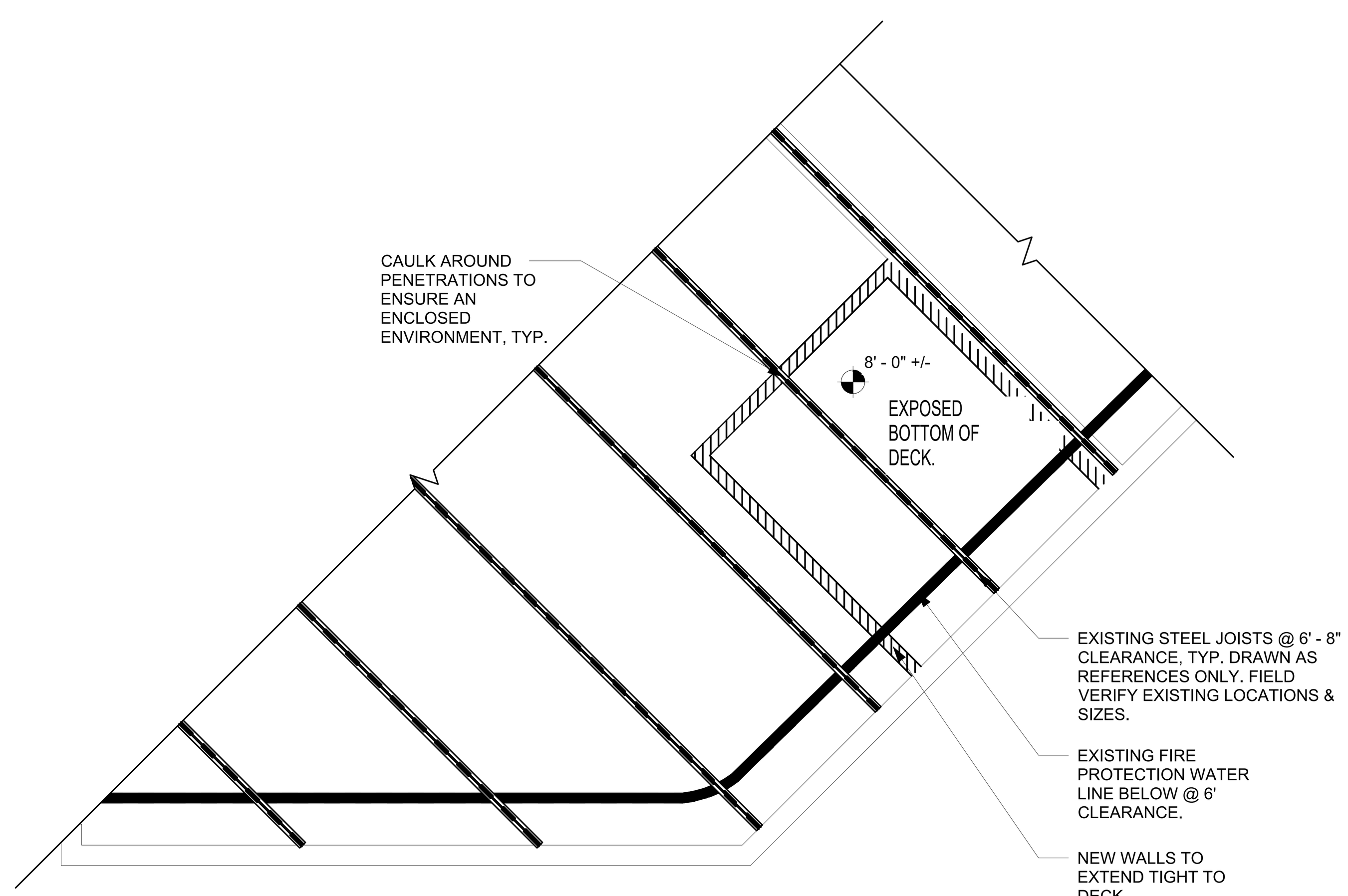
J-A0.1

GRAPHICS LEGEND

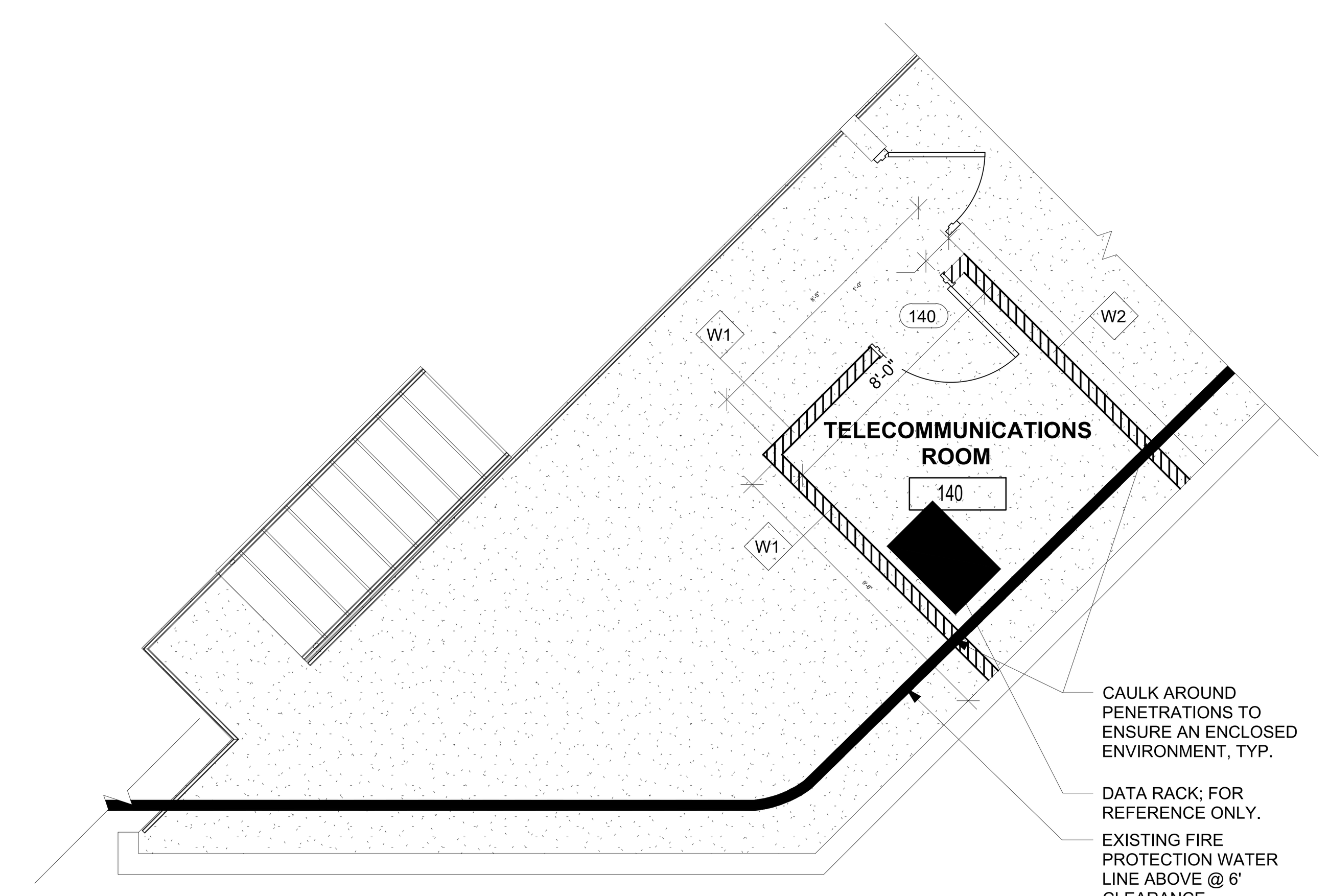
(two thin lines)	EXISTING CONSTRUCTION
(hatched bar)	NEW WALL PARTITION
(door swing)	EXISTING DOOR
(door swing)	NEW DOOR

GENERAL NOTES

1. DIMENSIONS ARE TO NEW FINISH FACE OR EXISTING FINISH, UNLESS OTHERWISE NOTED.
2. DO NOT SCALE DRAWINGS, REFER TO DIMENSIONS AND NOTES.
3. ALL LOAD-BEARING WALLS, COLUMNS, BEAMS AND STRUCTURAL ELEMENTS TO REMAIN, UNLESS OTHERWISE NOTED.
4. PATCH AND REPAIR ALL SURFACES TO MATCH EXISTING.
5. NEW DOORS IN NEW STUD WALLS LOCATED AT CORNERS ARE NOT DIMENSIONED ON PLANS. INSTALL NEW DOORS 4" FROM END OF WALL TO INSIDE OF FRAME, UNLESS OTHERWISE NOTED.
6. PROVIDE FIRE RETARDANT BLOCKING AS REQUIRED IN WALLS FOR NEW PARTITIONS, FIXTURES, SHELVING, CABINETS, ACCESSORIES, ETC.
7. INFILL ALL AREAS OF DAMAGED SUBFLOOR TO MATCH EXISTING CONDITIONS, FINISH FLUSH, V.I.F.



2 REFLECTED CEILING PLAN - MEZZANINE
1/4" = 1'-0"



1 1/4" = 1'-0"

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MADISON CORRECTIONAL INSTITUTE
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LONDON, OH 43140
JOB NAME

FIRST FLOOR PLAN - NEW WORK - MEZZANINE
SHEET NAME

REV	DATE
1	1/16/26

DRAWN BY

CHECKED BY

DATE: NOV. 6 2025

1 J-A1.0

SECTION 28 31 11-FIRE ALARM SYSTEM-ADDRESSABLE

PART 1 – GENERAL

1.1. SUMMARY OF WORK

A. Section work, provided by the Electrical Contractor, Includes:

1. This specification describes the provision of a new addressable fire alarm (fire detection and alarm signaling) system. ***The fire alarm system shall consist of fully networkable, intelligent addressable, analog detecting, low voltage and modular fire alarm control panels, with digital communication techniques, in full compliance with all applicable codes and standards. Individual fire alarm control panels shall be networked and capable of providing all information and status conditions to a network control annunciator or PC workstation.*** The features and capacities described in this specification are required as a minimum for this project and shall be furnished by the successful contractor.
2. The system shall be in full compliance with all National, State and any applicable Local Codes
3. The system shall include all required hardware, raceways, interconnecting wiring and software to accomplish the requirements of this specification and the contract drawings, whether or not specifically itemized herein.
4. All equipment furnished shall be new and the latest state-of-the-art products of a single manufacturer.
5. The system as specified shall be supplied, installed, tested and approved by the local Authority Having Jurisdiction (“AHJ”), and turned over to the Owner in an operational condition.
6. In the interest of job coordination and responsibilities, the installing contractor shall contract with a single supplier for fire alarm equipment, engineering, programming, inspection and tests, and shall be capable of providing a “UL Listing Certificate” for the complete system.
7. The basis of design system specified shall be that of one of the manufacturers indicated in Article 1.2 of this section of the specifications which meets all the project requirements, indicated on the drawings and specified herein. Systems, other than those manufacturers listed in Article 1.2, paragraph A, shall be submitted 10 days prior to bid date for approval by the Engineer. All systems shall meet all the requirements spelled out in this specification. Any Substitute system approval shall be in writing, by the Engineer, and a copy of that approval shall be submitted with the system submittals.
8. Provide the interface with the DECS security system including any required supervision, controls, and/or monitoring.

1.2. ACCEPTABLE MANUFACTURERS

A. Subject to compliance with requirements, provide products by one of the following:

1. Honeywell Notifier
2. Autocall
3. Potter AFC or IPA
4. ***Siemens***
5. Edwards Systems Technology

B. Being listed as an acceptable Manufacturer in no way relieves obligation to provide all equipment and features in accordance with these specifications.

C. The Manufacturer shall be a nationally recognized company specializing in fire alarm and detection systems. This organization shall employ factory trained and NICET certified technicians, and shall maintain a service organization within 100 miles of this project location. The Manufacturer and service organization shall have a minimum of 10 years experience in the fire protective signaling systems industry.

1.3. RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this section.

B. The work covered by this section is to be coordinated with related work as specified elsewhere in the specifications. Requirements of the following sections apply:

1. Division 26: Electrical
2. Division 23: Mechanical

C. The system and all associated operations shall be in accordance with the following:

1. Guidelines of the following Building Code: OBC
2. NFPA 72, National Fire Alarm Code
3. NFPA 70, National Electrical Code
4. NFPA 101, Life Safety Code
5. NFPA 90A, Standard for the Installation of Air Conditioning and Ventilating Systems
6. Other applicable NFPA standards
7. Local Jurisdictional Adopted Codes and Standards

8. ADA Accessibility Guidelines

1.4. SYSTEM DESCRIPTION

A. General: Provide a complete, non-coded, addressable, microprocessor-based fire alarm system with initiating devices, notification appliances, and monitoring and control devices as indicated on the drawings and as specified herein.

B. Software: The fire alarm system shall allow for loading and editing instructions and operating sequences as necessary. The system shall be capable of on-site programming to accommodate system expansion and facilitate changes in operation. All software operations shall be stored in a non-volatile programmable memory within the fire alarm control unit. Loss of primary and secondary power shall not erase the instructions stored in memory. System shall be capable of storing dual configuration programs with one active and one in reserve. Panel shall be capable of full system operation during a new configuration download.

C. History Logs: The system shall provide a means to recall alarms and trouble conditions in chronological order for the purpose of recreating an event history. A separate alarm and trouble log shall be provided.

D. Recording of Events: Record all alarm, supervisory, and trouble events by means of system printer. The printout shall include the type of signal (alarm, supervisory, or trouble) the device identification, date and time of the occurrence. The printout differentiates alarm signals from all other printed indications.

E. Wiring/Signal Transmission:

1. Transmission shall be hard-wired, using separate individual circuits for each zone of alarm operation as required or addressable signal transmission, dedicated to fire alarm service only.
2. System connections for initiating, signaling line circuits and notification appliance circuits shall be Class B.
3. Circuit Supervision: Circuit faults shall be indicated by a trouble signal at the FACP. Provide a distinctive indicating audible tone and alphanumeric annunciation.

F. Remote Access:

1. FACP shall have the capability to provide Remote Access through a Dial-Up Service Modem using the public switched telephone system of a private switched telephone system.
2. A personal computer or technician's laptop, configured with terminal emulation software shall have the ability to access the FACP for diagnostics, maintenance reporting and information gathering.
3. FACP shall have the capability to provide third party access through a serial interface connection and be agency listed for specific interfaces and for the purpose.
4. FACP shall have the capability to provide remote access via an Internet/Intranet Interface. The Internet interface shall provide an alternative

access to system information using the familiar interface of a standard Internet browser. A remotely located fire professional can use this access to analyze control panel status during non-alarm conditions and can also use this information to assist local fire responders during alarm conditions.

G. Network communication:

1. Network node communication shall be through a token ring configuration ***Fiber optic connections between panels are the preferred communication medium.***

2. ***System shall be capable of cloud-based network communication tools (i.e. Notifier CLSS) for expanded communication capabilities.***

3. A single open, ground or short on the network communication loop shall not degrade network communications. Token shall be passed in opposite direction to maintain communications throughout all network nodes. At the same time the status of the communication link shall be reported.

4. If a group of nodes becomes isolated from the rest of the network due to multiple fault conditions, that group shall automatically form a sub-network with all common interaction of monitoring and control remaining intact. The network shall be notified with the exact details of the lost communications.

5. The communication method shall be NFPA 72 style 7.

H. Required Functions: The following are required system functions and operating features:

1. Priority of Signals: Fire alarm events have highest priority. Subsequent alarm events are queued in the order received and do not affect existing alarm conditions. Priority Two, Supervisory and Trouble events have second-, third-, and fourth-level priority respectively. Signals of a higher-level priority take precedence over signals of lower priority even though the lower-priority condition occurred first. Annunciate all events regardless of priority or order received.

2. Noninterfering: An event on one zone does not prevent the receipt of signals from any other zone. All zones are manually resettable from the FACP after the initiating device or devices are restored to normal. The activation of an addressable device does not prevent the receipt of signals from subsequent addressable device activations.

3. Transmission to Remote Central Station: Automatically route alarm, supervisory, and trouble signals to a remote central station service transmitter provided under another contract.

4. Annunciation: Operation of alarm and supervisory initiating devices shall be annunciated at the FACP and the remote annunciator, indicating the location and type of device.

5. Selective Alarm: A system alarm shall include:

a) Indication of alarm condition at the FACP and the annunciator(s).

b) Identification of the device /zone that is the source of the alarm at

the FACP and the annunciator(s).

c) Operation of audible and visible notification devices on the fire floor, floor above and floor below until silenced at FACP.

d) Selectively closing doors normally held open by magnetic door holders on the fire floor, floor above and floor below.

e) Unlocking designated doors.

f) Shutting down supply and return fans serving zone where alarm is initiated.

g) Notifying the local fire department.

h) Initiation of elevator recall in accordance with ASME/ANSI A17.1, when specified detectors or sensors are activated.

6. Supervisory Operations: Upon activation of a supervisory device such as fire pump power failure, low air pressure switch, and tamper switch, the system shall operate as follows:

a) Activate the system supervisory service audible signal and illuminate the LED at the control unit and the remote annunciator.

b) Pressing the Supervisory Acknowledge Key will silence the supervisory audible signal while maintaining the Supervisory LED "on" indicating off-normal condition.

c) Record the event in the FACP historical log.

d) Transmission of supervisory signal to remote central station.

e) Restoring the condition shall cause the Supervisory LED to clear and restore the system to normal.

7. Alarm Silencing: If the "Alarm Silence" button is pressed, all audible alarm signals shall cease operation.

8. System Reset

a) The "System Reset" button shall be used to return the system to its normal state. Display messages shall provide operator assurance of the sequential steps ("IN PROGRESS", "RESET COMPLETED") as they occur. The system shall verify all circuits or devices are restored prior to resetting the system to avoid the potential for re-alarming the system. The display message shall indicate "ALARM PRESENT, SYSTEM RESET ABORTED."

b) Should an alarm condition continue, the system will remain in an alarmed state.

9. A manual evacuation (drill) switch shall be provided to operate the notification appliances without causing other control circuits to be activated.

10. WALKTEST: The system shall have the capacity of 8 programmable passcode protected one person testing groups, such that only a portion of the system need be disabled during testing. The actuation of the "enable one person test" program at the control unit shall activate the "One Person Testing" mode of the system as follows:

a) The emergency communication connection and any suppression release circuits shall be bypassed for the testing group.

b) Control relay functions associated to one of the 8 testing groups shall be bypassed.

c) The control unit shall indicate a trouble condition.

d) The alarm activation of any initiation device in the testing group shall cause the audible notification appliances assigned only to that group to sound a code to identify the device or zone.

e) The unit shall automatically reset itself after signaling is complete.

f) Any opening of an initiating or notification appliance circuit wiring shall cause the audible signals to sound for 4 seconds indicating the trouble condition.

I. Analog Smoke Sensors:

1. Monitoring: FACP shall individually monitor sensors for calibration, sensitivity, and alarm condition, and shall individually adjust for sensitivity. The control unit shall determine the condition of each sensor by comparing the sensor value to the stored values.
2. Environmental Compensation: The FACP shall maintain a moving average of the sensor's smoke chamber value to automatically compensate for dust, dirt, and other conditions that could affect detection operations.
3. Programmable Sensitivity: Photoelectric Smoke Sensors shall have 7 selectable sensitivity levels ranging from 0.2% to 3.7%, programmed and monitored from the FACP.
4. Sensitivity Testing Reports: The FACP shall provide sensor reports that meet NFPA 72 calibrated test method requirements. The reports shall be viewed on a CRT Display or printed for annual recording and logging of the calibration maintenance schedule.
5. The FACP shall automatically indicate when an individual sensor needs cleaning. The system shall provide a means to automatically indicate when a sensor requires cleaning. When a sensor's average value reaches a predetermined value, (3) progressive levels of reporting are provided. The first level shall indicate if a sensor is close to a trouble reporting condition and will be indicated on the FACP as "ALMOST DIRTY." This condition provides a means to alert maintenance staff of a sensor approaching dirty without creating a trouble in the system. If this indicator is ignored and the second level is reached, a "DIRTY SENSOR" condition shall be indicated at the FACP and subsequently a system trouble is reported to the Central Monitoring Station. The sensor base LED shall glow steady giving a visible indication at the sensor location. The "DIRTY SENSOR" condition shall not affect the sensitivity level required to alarm the sensor. If a "DIRTY SENSOR" is left unattended, and its average value increases to a third predetermined value, an "EXCESSIVELY DIRTY SENSOR" trouble condition shall be indicated at the control unit.
6. The FACP shall continuously perform an automatic self-test on each sensor which will check sensor electronics and ensure the accuracy of the values

being transmitted. Any sensor that fails this test shall indicate a "SELF TEST ABNORMAL" trouble condition.]

7. Multi-Sensors shall combine photoelectric smoke sensing and heat sensing technologies. An alarm shall be determined by either smoke detection, with selectable sensitivity from 0.2 to 3.7 %/ft obscuration; or heat detection, selectable as fixed temperature or fixed with selectable rate-of-rise; or based on an analysis of the combination of smoke and heat activity.
8. Programmable bases. It shall be possible to program relay and sounder bases to operate independently of their associated sensor.
9. Magnet test activation of smoke sensors shall be distinguished by its label and history log entry as being activated by a magnet.

J. Audible Alarm Notification: By ANSI temporal 3 general evacuation.

K. Fire Suppression Monitoring:

1. Water flow: Activation of a water flow switch shall initiate general alarm operations.
2. Sprinkler valve tamper switch: The activation of any valve tamper switch shall activate system supervisory operations.
3. WSO: Water flow switch and sprinkler valve tamper switch shall be capable of existing on the same initiating zone. Activation of either device shall distinctly report which device is in alarm on the initiating zone.

L. Power Requirements

1. The control unit shall receive AC power via a dedicated fused disconnect circuit.
2. The system shall be provided with sufficient battery capacity to operate the entire system upon loss of normal AC power in a normal supervisory mode for a period of 24 hours with 5 minutes of alarm operation at the end of this period. The system shall automatically transfer to battery standby upon power failure. All battery charging and recharging operations shall be automatic.
3. All circuits requiring system-operating power shall be 24 VDC and shall be individually fused at the control unit.
4. The incoming power to the system shall be supervised so that any power failure will be indicated at the control unit. A green "power on" LED shall be displayed continuously at the user interface while incoming power is present.
5. The system batteries shall be supervised so that a low battery or a depleted battery condition, or disconnection of the battery shall be indicated at the control unit and displayed for the specific fault type.
6. The system shall support NAC Lockout feature to prevent subsequent activation of Notification Appliance Circuits after a Depleted Battery condition occurs in order to make use of battery reserve for front panel annunciation and control.
7. The system shall support 100% of addressable devices in alarm or operated at the same time, under both primary (AC) and secondary (battery) power

conditions.

8. Loss of primary power shall sound a trouble signal at the FACP. FACP shall indicate when the system is operating on an alternate power supply.

1.5. SUBMITTALS

A. General: Submit the following according to Conditions of Contract and Division 1 Specification Sections.

1. Product data sheets for system components highlighted to indicate the specific products, features, or functions required to meet this specification. Alternate or as-equal products submitted under this contract must provide a detailed line-by-line comparison of how the submitted product meets, exceeds, or does not comply with this specification.
2. Wiring diagrams from manufacturer.
3. Shop drawings showing system details including location of FACP, all devices, circuiting and details of graphic annunciator.
4. System Power and battery charts with performance graphs and voltage drop calculations to assure that the system will operate per the prescribed backup time periods and under all voltage conditions per UL and NFPA standards.
5. System operation description including method of operation and supervision of each type of circuit and sequence of operations for all manually and automatically initiated system inputs and outputs. A list of all input and output points in the system shall be provided with a label indicating location or use of IDC, NAC, relay, Sensor, and auxiliary control circuits.
6. Operating instructions for FACP.
7. Operation and maintenance data for inclusion in Operating and Maintenance Manual. Include data for each type product, including all features and operating sequences, both automatic and manual. Provide the names, addresses, and telephone numbers of service organizations.
8. Product certification signed by the manufacturer of the fire alarm system components certifying that their products comply with indicated requirements.
9. Record of field tests of system.

B. Submission to Authority Having Jurisdiction: In addition to routine submission of the above material, make an identical submission to the authority having jurisdiction. Include copies of shop drawings as required to depict component locations to facilitate review. Upon receipt of comments from the Authority, make resubmissions if required to make clarifications or revisions to obtain approval.

1.6. QUALITY ASSURANCE

A. Installer Qualifications: A factory authorized installer is to perform the work of this section.

B. Each and all items of the Fire Alarm System shall be listed as a product of a single fire alarm system manufacturer under the appropriate category by Underwriters Laboratories, Inc. (UL), and shall bear the "UL" label.

1.7. MAINTENANCE SERVICE

A. Maintenance Service Contract: Provide maintenance of fire alarm systems and equipment for a period of 12 months, using factory-authorized service representatives.

B. Basic Services: Systematic, routine maintenance visits on a quarterly basis at times scheduled with the Owner. In addition, respond to service calls within 24 hours of notification of system trouble. Adjust and replace defective parts and components with original manufacturer's replacement parts, components, and supplies.

C. Additional Services: Perform services within the above 12-month period not classified as routine maintenance or as warranty work when authorized in writing. Compensation for additional services must be agreed upon in writing prior to performing services.

D. Renewal of Maintenance Service Contract: No later than 60 days prior to the expiration of the maintenance services contract, deliver to the Owner a proposal to provide contract maintenance and repair services for an additional one-year term. Owner will be under no obligation to accept maintenance service contract renewal proposal.

1.8. EXTRA MATERIALS

A. General: Furnish extra materials, packaged with protective covering for storage, and identified with labels clearly describing contents as follows:

1. Notification Devices: Furnish quantity equal to 10 percent of the number of units installed, but not less than one.
2. Smoke Detectors or Sensors, Fire Detectors, and Flame Detectors: Furnish quantity equal to 10 percent of the number of units of each type installed but not less than one of each type.
3. Detector or Sensor Bases: Furnish quantity equal to 2 percent of the number of units of each type installed but not less than one of each type.

PART 2 – PRODUCTS

2.1. FIRE ALARM CONTROL PANEL (FACP)

A. General: Comply with UL 864, "Control Units for Fire-Protective Signaling Systems."

B. The following FACP hardware shall be provided:

1. Power Limited base panel with cabinet and door, 120 VAC input power.
2. 2,000 point capacity where (1) point equals (1) monitor or detector (input) or (1) control (output).
3. ***2,000 points of Network Annunciation at FACP Display, network annunciator, or PC workstation when applied as a Network Node.***
4. 2000 points of annunciation where one (1) point of annunciation equals:

a) 1 LED driver output on a graphic driver or 1 switch input on a graphic switch input module.

b) 1 LED on panel or 1 switch on panel.

5. From all battery charging circuits in the system provide battery voltage and ammeter readouts on the FCP LCD Display.
6. One Auxiliary electronically resettable fused 2A @24VDC Output, with programmable disconnect operation for 4-wire detector reset.
7. One Auxiliary Relay, SPDT 2A @32VDC, programmable as a trouble relay, either as normally energized or de-energized, or as an auxiliary control.
8. Where required provide Intelligent Remote Battery Charger for charging up to 110Ah batteries.
9. Power Supplies with integral intelligent Notification Appliance Circuit Class B for system expansion.
10. Four (4) form "C" Auxiliary Relay Circuits (Form C contacts rated 2A @ 24VDC, resistive), operation is programmable for trouble, alarm, supervisory of other fire response functions. Relays shall be capable of switching up to ½ A @ 120VAC, inductive.
11. The FACP shall support (6) RS-232-C ports and one service port.
12. Remote Unit Interface: supervised serial communication channel for control and monitoring of remotely located annunciators and I/O panels.
13. ***Modular Network Communications Card, single or multi-mode fiber optic.***
14. Programmable DACT for per Point Reporting.
15. Service Port Modem for dial in passcode access to all fire control panel information.

C. Distributed Module Operation: FACP shall be capable of allowing remote location of the following modules; interface of such modules shall be through a Style 7 (Class A) supervised serial communications channel (SLC):

1. Addressable Signaling Line Circuits
2. Initiating Device Circuits
3. Notification Appliance Circuits
4. Auxiliary Control Circuits
5. Graphic Annunciator LED/Switch Control Modules

D. Cabinet: Lockable steel enclosure. Arrange unit so all operations required for testing or for normal care and maintenance of the system are performed from the front of the enclosure. If more than a single unit is required to form a complete control unit, provide exactly matching modular unit enclosures.

E. Alphanumeric Display and System Controls: Panel shall include an 80 character LCD display to indicate alarm, supervisory, and component status messages and shall include a keypad for use in entering and executing control commands.

2.2. REMOTE CRTS, PC ANNUNCIATOR AND PRINTERS

A. Fire Alarm Control Unit shall be capable of operating remote CRT's and/or printers; output shall be ASCII from an RS-232-C connection with an adjustable baud rate.

B. Fire Alarm Control Unit shall be capable of operating a PC Annunciator Network workstation) which provides status annunciation and limited system control using a convenient and familiar Microsoft Windows® operating system based interface. PC Annunciator shall provide the following functions:

1. Login/logout password protection with time duration selectable automatic logout
2. Displays Alarm, Supervisory, Priority 2, and Trouble conditions with numerical tallies for each
3. Displays first and last alarms
4. Different event types have separate visible indicators with a common audible indicator
5. Event logs can be searched and printed
6. View and/or print alarm status reports and service reports (printing requires an available local or network printer)
7. Alarm Silence; System Reset; and Priority 2 Reset
8. Global and individual point acknowledge
9. Set system time and date; and clear event log
10. Individual point access for control or parameter revisions

C. Each RS-232-C port shall be capable of supporting and supervising a remote Printer; the FACP shall support as many as two (2) remote displays. The Fire Alarm Control Panel shall support five (5) RS-232-C ports.

2.3. REMOTE LCD ANNUNCIATOR

A. Alphanumeric Display and System Controls: Panel shall include an InfoAlarm 320 x 240 point dot matrix (QVGA) LCD display to indicate alarm, supervisory, and component status messages and shall include a keypad for use in entering and executing control commands. Display choices shall include “First 8 Alarms”, First and most recent”, “First 5 and most recent”, “Site Plan”, “General Alarm” or “Direct to list”.

B. Should an abnormal condition be detected the appropriate LED (Alarm, Supervisory or Trouble) shall flash. The unit audible signal shall pulse for alarm conditions and sound steady for trouble and supervisory conditions.

2.4. EMERGENCY POWER SUPPLY

A. General: Components include battery, charger, and an automatic transfer switch.

B. Battery: Sealed lead-acid or nickel cadmium type. Provide sufficient capacity to

operate the complete alarm system in normal or supervisory (non-alarm) mode for a period of 24 hours. Following this period of operation on battery power, the battery shall have sufficient capacity to operate all components of the system, including all alarm indicating devices in alarm or supervisory mode for a period of 10 minutes.

2.5. ADDRESSABLE MANUAL PULL STATIONS

A. Description: Addressable single-action type red LEXAN, with molded, raised-letter operating instructions of contrasting color. Station will mechanically latch upon operation and remain so until manually reset by opening with a key common with the control units.

B. Protective Shield: Where required provide a tamperproof, clear LEXAN shield and red frame that easily fits over manual pull stations. When shield is lifted to gain access to the station, a battery powered piercing warning horn shall be activated. The horn shall be silenced by lowering and realigning the shield. The horn shall provide 85dB at 10 feet and shall be powered by a 9 VDC battery.

C. Provide institutional manual stations where indicated on drawings.

2.6. SMOKE SENSORS

A. General: Comply with UL 268, "Smoke Detectors for Fire Protective Signaling Systems." Include the following features:

1. Factory Nameplate: Serial number and type identification.
2. Operating Voltage: 24 VDC, nominal.
3. Self-Restoring: Detectors do not require resetting or readjustment after actuation to restore normal operation.
4. Plug-In Arrangement: Sensor and associated electronic components are mounted in a module that connects to a fixed base with a twist-locking plug connection. Base shall provide break-off plastic tab that can be removed to engage the head/base locking mechanism. No special tools shall be required to remove head once it has been locked. Removal of the detector head shall interrupt the supervisory circuit of the fire alarm detection loop and cause a trouble signal at the control unit.
5. Each sensor base shall contain an LED that will flash each time it is scanned by the Control Unit (once every 4 seconds). In alarm condition, the sensor base LED shall be on steady.
6. Each sensor base shall contain a magnetically actuated test switch to provide for easy alarm testing at the sensor location.
7. Each sensor shall be scanned by the Control Unit for its type identification to prevent inadvertent substitution of another sensor type. Upon detection of a "wrong device", the control unit shall operate with the installed device at the default alarm settings for that sensor; 2.5% obscuration for photoelectric sensor, 135-deg F and 15-deg F rate-of-rise for the heat sensor, but shall indicate a "Wrong Device" trouble condition.
8. The sensor's electronics shall be immune from false alarms caused by EMI

and RFI.

9. Sensors include a communication transmitter and receiver in the mounting base having a unique identification and capability for status reporting to the FACP. Sensor address shall be located in base to eliminate false addressing when replacing sensors.
10. Removal of the sensor head for cleaning shall not require the setting of addresses.
11. Provide compatible vandal guards where indicated on drawings.

B. Type: Smoke sensors shall be of the photoelectric or combination photoelectric / heat type. Where acceptable per manufacturer specifications, ionization type sensors may be used.

C. Bases: Relay output, sounder and isolator bases shall be supported alternatives to the standard base.

D. Duct Smoke Sensor: Photoelectric type, with sampling tube of design and dimensions as recommended by the manufacturer for the specific duct size and installation conditions where applied. Sensor includes relay as required for fan shutdown.

1. Environmental compensation, programmable sensitivity settings, status testing, and monitoring of sensor dirt accumulation for the duct sensor shall be provided by the FACP.
2. The Duct Housing shall provide a supervised relay driver circuit for driving up to 15 relays with a single "Form C" contact rated at 7A@ 28VDC or 10A@ 120VAC. This auxiliary relay output shall be fully programmable. Relay shall be mounted within 3 feet of HVAC control circuit.
3. Duct Housing shall provide a relay control trouble indicator Yellow LED.
4. Compact Duct Housing shall have a transparent cover to monitor for the presence of smoke. Cover shall secure to housing by means of four (4) captive fastening screws.
5. Duct Housing shall provide two (2) Test Ports for measuring airflow and for testing. These ports will allow aerosol injection in order to test the activation of the duct smoke sensor.
6. Duct Housing shall provide a magnetic test area and Red sensor status LED.
7. For maintenance purposes, it shall be possible to clean the duct housing sampling tubes by accessing them through the duct housing front cover.
8. Each duct sensor shall have a Remote Test Station with an alarm LED and test switch located as directed by the fire marshal.
9. Where indicated provide NEMA 4X weatherproof duct housing enclosure shall provide for the circulation of conditioned air around the internally mounted addressable duct sensor housing to maintain the sensor housing at its rated temperature range. The housing shall be UL Listed to Standard 268A.

2.7. HEAT SENSORS

A. Thermal Sensor: Combination fixed-temperature and rate-of-rise unit with plug-in base and alarm indication lamp; 135-deg F fixed-temperature setting except as indicated.

B. Thermal sensor shall be of the epoxy encapsulated electronic design. It shall be thermistor-based, rate-compensated, self-restoring and shall not be affected by thermal lag.

C. Sensor fixed temperature sensing shall be independent of rate-of-rise sensing and] programmable to operate at 135-deg F or 155-deg F. Sensor rate-of-rise temperature detection shall be selectable at the FACP for either 15-deg F or 20-deg F per minute.

D. Sensor shall have the capability to be programmed as a utility monitoring device to monitor for temperature extremes in the range from 32-deg F to 155-deg F.

E. Provide compatible vandal guards where indicated on drawings.

2.8. ADDRESSABLE CIRCUIT INTERFACE MODULES

A. Addressable Circuit Interface Modules: Arrange to monitor one or more system components that are not otherwise equipped for addressable communication. Modules shall be used for monitoring of waterflow, valve tamper, non-addressable devices, and for control of evacuation indicating appliances and AHU systems.

B. Addressable Circuit Interface Modules will be capable of mounting in a standard electric outlet box. Modules will include cover plates to allow surface or flush mounting. Modules will receive their operating power from the signaling line or a separate two wire pair running from an appropriate power supply as required.

C. There shall be the following types of modules:

1. Type 1: Monitor Circuit Interface Module:

   a) For conventional 2-wire smoke detector and/or contact device monitoring with Class B or Class A wiring supervision. The supervision of the zone wiring will be Class B. This module will communicate status (normal, alarm, trouble) to the FACP.

   b) For conventional 4-wire smoke detector with Class B wiring supervision. The module will provide detector reset capability and over-current power protection for the 4-wire detector. This module will communicate status (normal, alarm, trouble) to the FACP.

2. Type 2: Line Powered Monitor Circuit Interface Module

   a) This type of module is an individually addressable module that has both its power and its communications supplied by the two wire multiplexing signaling line circuit. It provides location specific addressability to an initiating device by monitoring normally open dry contacts. This module shall have the capability of

communicating four zone status conditions (normal, alarm, current limited, trouble) to the FACP.

b) This module shall provide location specific addressability for up to five initiating devices by monitoring normally closed or normally open dry contact security devices. The module shall communicate four zone status conditions (open, normal, abnormal, and short). The two-wire signaling line circuit shall supply power and communications to the module.

3. Type 3: Single Address Multi-Point Interface Modules

a) This multipoint module shall provide location specific addressability for four initiating circuits and control two output relays from a single address. Inputs shall provide supervised monitoring of normally open, dry contacts and be capable of communicating four zone status conditions (normal, open, current limited, and short). The input circuits and output relay operation shall be controlled independently and disabled separately.

b) This dual point module shall provide a supervised multi-state input and a relay output, using a single address. The input shall provide supervised monitoring of two normally open, dry contacts with a single point and be capable of communicating four zone status conditions (normal, open, current limited, and short). The two-wire signaling line circuit shall supply power and communications to the module.

c) This dual point module shall monitor an unsupervised normally open, dry contact with one point and control an output relay with the other point, using a single address. The two-wire signaling line circuit shall supply power and communications to the module.

4. Type 4: Line Powered Control Circuit Interface Module

a) This module shall provide control and status tracking of a Form "C" contact. The two-wire signaling line circuit shall supply power and communications to the module.

5. Type 5: 4-20 mA Analog Monitor Circuit Interface Module

a) This module shall communicate the status of a compatible 4-20 mA sensor to the FACP. The FACP shall annunciate up to three threshold levels, each with custom action message; display and archive actual sensor analog levels; and permit sensor calibration date recording.

D. All Circuit Interface Modules shall be supervised and uniquely identified by the control unit. Module identification shall be transmitted to the control unit for processing according to the program instructions. Modules shall have an on-board LED to provide an indication that the module is powered and communicating with the FACP. The LEDs shall provide a troubleshooting aid since the LED blinks on poll whenever the peripheral is powered and communicating.

2.9. MAGNETIC DOOR HOLDERS

A. Description: Units shall be listed to UL 228. Units are equipped for wall or floor mounting as indicated and are complete with matching door plate. Unit shall operate from a 120VAC, a 24VAC or a 24VDC source, and develops a minimum of 25 lbs. holding force.

B. Material and Finish: Match door hardware.

2.10. STANDARD ALARM NOTIFICATION APPLIANCES

A. Visible/Only: Strobe shall be listed to UL 1971. The V/O enclosure shall mount directly to standard single gang, double gang or 4" square electrical box, without the use of special adapters or trim rings. V/O appliances shall be provided with different minimum flash intensities of 15cd, 75cd and 110cd. Provide a label inside the strobe lens to indicate the listed candela rating of the specific Visible/Only appliance.

B. Audible/Visible: Combination Audible/Visible (A/V) horn/strobe units combine the horn and visible functions into a common housing. These signals shall be Temporal Code 3 (Evacuation) The A/V enclosure shall mount directly to standard single gang, double gang or 4" square electrical box, without the use of special adapters or trim rings. A/V appliances shall be provided with different minimum flash intensities of 15cd, 75cd and 110cd. Provide a label inside the strobe lens to indicate the listed candela rating of the specific Visible/Only appliance.

C. Notification Appliance Circuit provides synchronization of strobes at a rate of 1Hz and operates horns with a Temporal Code Pattern operation. The circuit shall provide the capability to silence the audible signals, while the strobes continue to flash, over a single pair of wires. The capability to synchronize multiple notification appliance circuits shall be provided.

D. Provide compatible vandal guards where indicated on drawings.

2.11. NAC Power Extender

A. The NAC Power Extender panel shall be a stand-alone panel capable of powering a minimum of 4 notification appliance circuits. Notification appliance circuits shall be Class B Style Y rated at 2 amps each. Panel shall provide capability to be expanded to 8 notification appliance circuits.

B. The internal power supply & battery charger shall be capable of charging up 12.7 Ah batteries internally mounted or 18Ah batteries mounted in an external cabinet.

C. The NAC extender panel may be mounted close to the host control panel or can be remotely located.

D. When connected to a conventional (non-addressable panel) one or two standard notification appliance circuits from the main control panel may be used to activate all the circuits on the NAC power extender panel.

E. Alarms from the host fire panel shall signal the NAC power extender panel to activate. The panel shall monitor itself and each of its NACs for trouble conditions and shall report trouble conditions to the host panel.

2.12. EXTRA DEVICES AND APPLIANCES

A. Provide labor and materials for the following items, which are to be located in the field. These items are in addition to those shown on the drawings. Assume 80 feet of conduit and wiring for each item.

Fire alarm pull station – qty of 10

Fire alarm speaker/strobes – qty of 10

Fire alarm strobe only – qty of 10

Fire alarm smoke detector – qty of 10

PART 3 – EXECUTION

3.1. INSTALLATION, GENERAL

A. Install system components and all associated devices in accordance with applicable NFPA Standards and manufacturer's recommendations.

B. ***Provide (1) 4 hour in person training session with all staff required to operate/maintain fire alarm system. Training shall be video recorded and given to facility upon completion of training.***

C. Installation personnel shall be supervised by persons who are qualified and experienced in the installation, inspection, and testing of fire alarm systems. Examples of qualified personnel shall include, but not be limited to, the following:

1. Factory trained and certified personnel.
2. National Institute of Certification in Engineering Technologies (NICET) fire alarm level II certified personnel.
3. Personnel licensed or certified by state or local authority.

C. Provide all submittals for the fire department and the building department as required by OBC 907.

3.2. EQUIPMENT INSTALLATION

A. Furnish and install a complete Fire Alarm System as described herein and as shown on the plans. Include sufficient control unit(s), annunciator(s), manual stations, automatic fire detectors, smoke detectors, audible and visible notification appliances, wiring, terminations, electrical boxes, and all other necessary material for a complete operating system.

B. Existing Fire Alarm Equipment shall be maintained fully operational until the new equipment has been tested and accepted.

C. Water-Flow and Valve Supervisory Switches: Connect for each sprinkler valve required to be supervised.

D. Device Location-Indicating Lights: Locate in the public space immediately adjacent to the device they monitor.

3.3. WIRING INSTALLATION

A. System Wiring: Wire and cable shall be a type listed for its intended use by an approval agency acceptable to the Authority Having Jurisdiction (AH and shall be installed in accordance with the appropriate articles from the current approved edition of NFPA 70: National Electric Code (NEC).

B. Contractor shall obtain from the Fire Alarm System Manufacturer written instruction regarding the appropriate wire/cable to be used for this installation. No deviation from the written instruction shall be made by the Contractor without the prior written approval of the Fire Alarm System Manufacturer.

C. Color Coding: Color-code fire alarm conductors differently from the normal building power wiring. Use one color code for alarm initiating device circuits wiring and a different color code for supervisory circuits. Color-code notification appliance circuits differently from alarm-initiating circuits. Paint fire alarm system junction boxes and covers red.

3.4. FIELD QUALITY CONTROL

A. Manufacturer's Field Services: Provide services of a factory-authorized service representative to supervise the field assembly and connection of components and the pretesting, testing, and adjustment of the system.

B. Service personnel shall be qualified and experienced in the inspection, testing, and maintenance of fire alarm systems. Examples of qualified personnel shall be permitted to include, but shall not be limited to, individuals with the following qualifications:

1. Factory trained and certified.
2. National Institute for Certification in Engineering Technologies (NICET) fire alarm certified.
3. International Municipal Signal Association (IMSA) fire alarm certified.
4. Certified by a state or local authority.
5. Trained and qualified personnel employed by an organization listed by a national testing laboratory for the servicing of fire alarm systems.

C. Pretesting: Determine, through pretesting, the conformance of the system to the requirements of the Drawings and Specifications. Correct deficiencies observed in pretesting. Replace malfunctioning or damaged items with new and retest until satisfactory performance and conditions are achieved.

D. Final Test Notice: Provide a 10-day minimum notice in writing when the system is

E. Minimum System Tests: Test the system according to the procedures outlined in NFPA 72.

F. Retesting: Correct deficiencies indicated by tests and completely retest work affected by such deficiencies. Verify by the system test that the total system meets the Specifications and complies with applicable standards.

G. Report of Tests and Inspections: Provide a written record of inspections, tests, and detailed test results in the form of a test log.

H. Final Test, Certificate of Completion, and Certificate of Occupancy:

1. Test the system as required by the Authority Having Jurisdiction in order to obtain a certificate of occupancy.

3.5. CLEANING AND ADJUSTING

A. Cleaning: Remove paint splatters and other spots, dirt, and debris. Clean unit internally using methods and materials recommended by manufacturer.

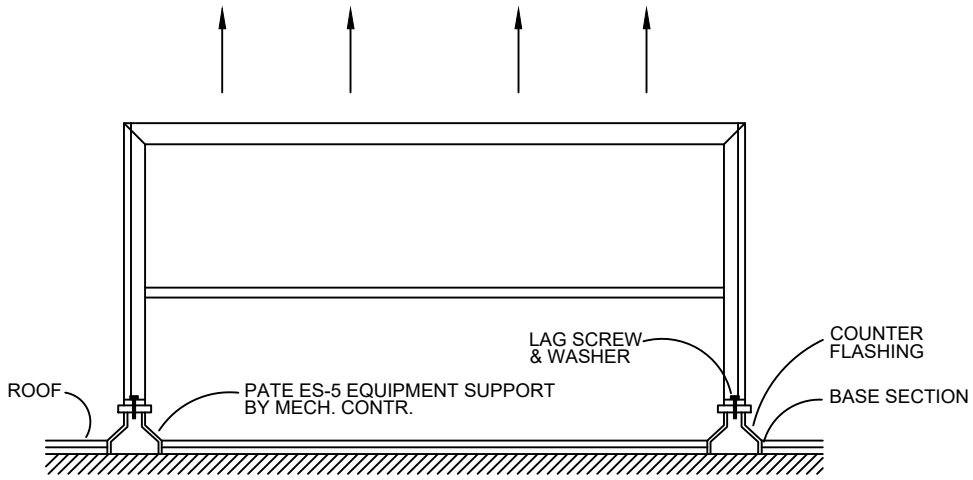
B. Occupancy Adjustments: When requested within one year of date of Substantial Completion, provide on-site assistance in adjusting sound levels and adjusting controls and sensitivities to suit actual occupied conditions. Provide up to three visits to the site for this purpose.

3.6. TRAINING

A. Provide the services of a factory-authorized service representative to demonstrate the system and train Owner's maintenance personnel as specified below.

1. Train Owner's maintenance personnel in the procedures and schedules involved in operating, troubleshooting, servicing, and preventive maintaining of the system. Provide a minimum of 8 hours' training.
2. Schedule training with the Owner at least seven days in advance.

END SECTION 28 31 11



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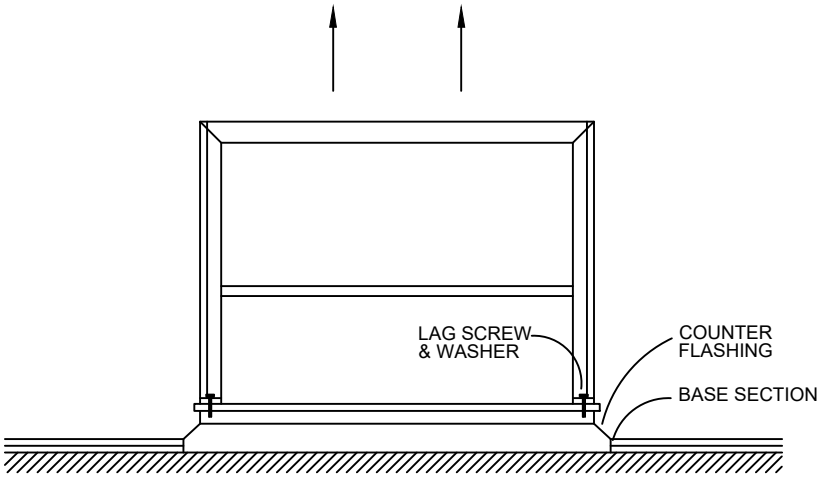

SIDE ELEVATION

DETAIL SUPPORT FOR AIR COOLED CONDENSERS & CONDENSING UNITS (PATE ES-5 SUPPORTS)

N.T.S.

NOTE: THIS DETAIL SHALL APPLY TO MECHANICAL BASE BID WORK IN THE FOLLOWING BUILDINGS:
A,B,C,D,E,G,J,K,M,N,P,Q,R,S,T,U,V,W,X,Y,Z

Section 00 22 00

Institutional Security Orders and Expectations for Contractors

TO: THOSE CONCERNED

FROM: Major A. DiNardo, Chief Security Officer

THRU: V. Fisher, Warden

SUBJECT: Madison Correctional Institution

SECURITY ORDERS AND ENTRY PROCEDURES FOR CONTRACTOR'S & CONSTRUCTION PERSONNEL for DRC 23-L-020

DATE: 11-5-2025

GENERAL INFORMATION: Entrance onto the Facility property will be at Zone A Entry & Sallyport. No foot traffic is permitted through the Sallyport All vehicles will stop and give the name(s) of all occupants and provide State-approved picture identification. Personal vehicles will be parked in a designated area outside the facility with vehicles remaining locked at all times. All persons are subject to search upon entering or leaving the facility. All vehicles are subject to "shake down" before entering or leaving institution property. Therefore, all vehicles should be free of contraband. Vehicles for use in construction work will be allowed to be driven to the construction site, the number of vehicles allowed to enter the construction site may be limited by security guidelines. These vehicles will be escorted by Construction Escort Officer when the construction site is not maintained in an area separate from the main compound. The windows must be rolled up completely and the doors locked. The Construction Escort Officers will maintain custody of the keys for the vehicle and the required "Club" steering devices while inside the compound. Keys will be returned to the respective Sallyport while the vehicle is being unloaded.

The Institutional Project Coordinator/Facilitator is the Maintenance Superintendent at extension **65194** or **65186**. If unable to contact that staff, leave a message on voice mail and your call will be returned. The Maintenance Superintendent should be contacted with day-to-day work plans of all contractors and Security should be informed daily whether or not Security escorts will be required.

The Security Coordinator will be the Chief of Security (Major) at phone extension # **65062** assisted by the Tool Control Officer at extension **65080.**

Institutional Security Orders and Expectations for Contractors

The Prime Contractor's Superintendent will be responsible for the conduct of his/her employees and those of any subcontractor while on Institution property and will see that they abide by regulations set forth in these procedures.

BACKGROUND INVESTIGATIONS: All Contractors' employees, and their Subcontractor's employees, with the exception of a One-Time Service Contractor, shall submit a completed Contractor Application and a Release of Information form/packet to the Maintenance Superintendent. A background investigation will be conducted on each employee which shall include a LEADS check, Operator's License check and Local Law Enforcement check. The Institutional Investigator shall make recommendations to the Warden regarding a contract employee's eligibility to work within the institution or on its grounds. The Warden's decision is final. Contractor employees may be disqualified for felony convictions, domestic violence convictions, drug related convictions, dishonorable discharge, undisclosed information and traffic violations that result in the applicant not possessing a valid driver's license. contractor employees will not be granted entrance into the facility until background investigations are complete. All requests for investigations along with submission of all required documents shall be made at least **10 working days** prior to the employee's first expected work date.

IDENTIFICATION CARDS: Based upon completion of an approved background investigation, contractor employees who will be on-site on a regular basis will be issued an Institutional contractor's identification badge. The Prime Contractor's Superintendents will be responsible for providing, to the major, a listing of their employee's, and those of their subcontractor, whom they expect to use regularly. A day will be scheduled when the employees will report to the institution identification office. They must present a State approved picture identification (e.g. drivers license) at which time a photo will be taken and an institution contractor's badge prepared. The badge will contain the employee's name, contractor's name, physical description, and information regarding escort status within the facility. Issuance of institution identification is at the discretion of the Warden and must be approved by the Major.

TRAINING: All contractors' employees who are issued contractor's badges will be required to undergo contractor's training per department policy and must sign the declaration of understanding on contraband. The training will be conducted in conjunction with the institutional training office and scheduled before issuance of the facility contractor's badge.

CONSTRUCTION EMPLOYEE ENTRY:

Entry with Facility identification: The Contractor's badge will be issued and returned daily at the respective Sallyport. They may come and go thru entry. The employees must present their driver's license or other state approved picture I.D. to the Sallyport or Zone A Entry officer. The license will remain at the entry point until the employee exits the facility. Contractors will document sign-in/sign-out times in the appropriate log. The

Institutional Security Orders and Expectations for Contractors

Sallyport Officer will turn these logs in to the Deputy Warden of Operations on a regular basis. The contract employee must wear the Contractor's badge at all times while on institution property. If a contractor's badge is missing or lost, the missing badge will be reported to the Construction Escort Staff immediately. The Escort Staff will notify Major. An incident report detailing the events surrounding the missing badge shall be written.

Entry without Facility identification: The Prime Contractor's Superintendent will be responsible for providing Maintenance with the names, social security number and date of birth of construction employees reporting to work on a one-time or occasional basis 5 working days prior to the employees anticipated start date. An authorized entrance form will be completed to allow entry for a specific date or dates. The construction employee will be required to provide a State approved picture identification that will be retained at the sallyport until the employee's departure from the institution. Contractors will document sign-in/sign-out times in the appropriate log. The Sallyport Officer will turn these logs in to the Deputy of Operations and the Major on a regular basis.

Contract Employees will not be admitted if they fail to provide a State approved picture I.D.

MATERIALS DELIVERY: Delivery of construction materials by vendors for the contractor to locations inside the compound will be through the respective Sallyport.
All drivers must have a State Approved Driver's License. When appropriate, designated storage areas inside the institution perimeter will be determined on an as need basis and must be approved by the Tool Control Officer.

Material Storage trailers may be established at a mutually agreed upon location outside of the compound to facilitate bulk storage of materials and ease of delivery. Materials must be stored inside trailers or stacked neatly on pallets. Trash, construction debris and junk shall be removed from the storage site daily, dumpsters are only allowed to exit the facility during count time (after clearing).

At no time shall construction materials be delivered to the institution Warehouse or Mailroom. The staff has been advised to refuse delivery. Any emergency or overnight deliveries shall be made to the contractors outside storage trailer and the contractor shall be available to accept delivery.

VEHICLES: Personal vehicles will not be allowed inside the compound without approval of the Major. Construction vehicles will not be left inside the institution compound unless their presence is required to complete the work for the day. The vehicle may enter the compound to unload materials and tools then shall be removed until the end of the work day. Vehicles left unattended while inside, or outside the compound will be locked and

the windows rolled up in an authorized parking area. Vehicles left unattended inside the compound during normal working hours will be disabled by placing a club or chain on the steering wheel.

If a vehicle is to remain inside the institution for a period of 30 minutes or longer a staff member shall take the vehicle keys to the sally port for the duration of the delivery/pickup. The keys will then be secured in a lock box inside the sally port until the vehicle is ready to leave the grounds.

An allowance of 15 minutes should be expected for each passage thru the drive thru perimeter sally port, delays exceeding this should be discussed at progress meetings. All dumpsters exiting the institution should be scheduled during count times so a cleared institution count is declared just prior to exiting.

EQUIPMENT: Entry of large construction equipment such as track hoes; cranes, etc. require approval in advance. **This equipment must be removed from inside the compound every day** unless prior approval is received from the Tool Control Officer. If approval is granted for equipment to remain inside, the ignition system must be disabled and buckets or lifts secured in a manner to prevent operation under any circumstances. No motor vehicles shall be allowed to remain overnight inside the inner perimeter of the institution without being properly disabled.

MEALS: All Contractors should be prepared to bring their own lunch. The Sallyports are busy and we must limit traffic flow into this area. Lunch coolers which enter the institution are subject to shakedown and must be clear. Food items should be in original packaging or in see through containers in accordance with the Institutional procedures.

TOOL CONTROL: Tool control of construction company tools will be controlled by the Contractors' Superintendents, their designees and the Construction Escort. The Contractor will provide accurate, up to date tool inventories to the job site storage boxes or area, Escorting Officer and the Tool Control Officer.

Under the established tool control system, tools and equipment will be divided into two categories: Permanent and Temporary.

Permanent tools and equipment that are to remain at the job site indefinitely shall be inventoried on form 2331 "Tool Inventory" with copies being maintained at the building site with the tools and with the Tool Control Officer. When not in use and at the end of each construction day, tools and equipment shall be secured in a job box or other security cage within the building. Exceptions may be granted for unreasonably large equipment by the Major. Any changes to the permanent inventory (additions, deletions) shall result in a revised inventory submittal. Tools will be inventoried twice daily (once in the morning and again at the end of the workday). Tools need to be accounted for at the

end of the shift and day by documenting on form 2332 "Daily / Weekly Tool / Equipment Report." The assigned escorting officer shall maintain and provide this documentation.

All Ladders and Aerial Lifts must be removed daily and are not permitted to remain in the institution. Certain situations and requests may be reviewed by the Major and approved by the Regional Director. These requests will be kept to a minimum.

Temporary tools and equipment, which may include personal tools, are those which will be transported into the institution daily by the contractor. The contractor shall submit a daily tool list on form 2331 "Tool Inventory" that shall also be retained in the tool box or area at the building site and the Tool Control Officer.
Only one Contractor Cell phone will be allowed inside the compound, the carrier and phone number must the cell phone be provided to institution security staff prior to bringing it into the facility.

Contractor's tool control procedures will be inspected periodically by the Institutions' Tool Control Officer. Contractors shall follow any recommendations from the Tool Control Officer in order to ensure the security of the Facility. Any questions a contractor may have with regard to tool issues may be addressed with the Tool Control Officer (extension **65080**)
Tools are to be checked no less than once per day to verify all tools are accounted for. If a tool or equipment is missing or lost, the contractor shall immediately notify the assigned Construction Escort Officer.

CHEMICAL CONTROL: All chemicals brought onto state property must have prior approval by the institution's Safety Officer prior. An accurate inventory with approval documentation and an updated SDS must be maintained with the chemicals.

MEDICATIONS: Construction or outside employees are reminded that they should only bring the amount of medication that is necessary and will be consumed by the person on that particular day. Persons having medication in their possession shall provide information for the medication log sheet, including the name and amount. If medication conveyed into the institution has not been prescribed for that individual by a doctor, the person conveying such medication is subject to prosecution in accordance with the Ohio Revised Code and barred from Institution grounds.

WEAPONS: Construction employees will not convey onto the grounds of this institution any deadly weapons or dangerous ordinance; if found on/with an employee, they will be subject to O.R.C. Section 3719.011.

INTOXICANTS: Intoxicating beverages conveyed onto institution's property will cause the individual to be subject to O.R.C. Section 4301.01.

Institutional Security Orders and Expectations for Contractors

DRUGS: Drugs conveyed on grounds of Institution property will cause the individual to be subject to O.R.C Section 3719.01.

TOBACCO: ODRC and OCF is a tobacco free work environment. No tobacco products are to be used on state grounds.

FRATERNIZATION: No construction employee will fraternize with, give or take any items from an incarcerated person confined in an institution. If an employee is approached by an incarcerated person, for any reason, the employee will report this information to the construction escort and they, in turn, report this to the special duty or shift captain. Also, any construction employee having acquaintances or relatives confined at this facility is to notify the institution by completing an incarcerated person Nexus form and incident report detailing how you know or are related to the incarcerated person.

LOST ARTICLES: If, at any time, a construction employee loses an item, regardless of what it is, inside the institution compound or on Institution grounds, the employee will report the lost item (i.e., car keys, tools, knives, etc.) and where it was lost, to the escort **IMMEDIATELY!**

DEBRIS: All debris and scrap material will be transported outside the facility compound at the end of each workday.

EMERGENCY: If an emergency should occur while construction workers are inside institution grounds, these workers will remain at the site, and will be evacuated when appropriate, by institution personnel. An emergency site plan that has been modified to coordinate with the institution's policies and approved by the institution safety officer must be posted at the job site.

COUNTS: Regularly scheduled counts of incarcerated persons are conducted throughout the day to insure incarcerated person accountability. Contractors may enter and exit during normal counts through entry **NOT** the Sallyport. If the institution is not able to clear the count within a reasonable time period, a Special Count will be called. Counts occur at the following times during a contractor's normal workday: 11:00 a.m. and 4:00 p.m.

SPECIAL COUNTS: If a special count is in process at the completion of the contractor's workday, they will be required to remain at the job site or other area designated by the institutional policy until the institutional count clears.

STAFF ACCOUNTABILITY: In order to account for all staff and any other civilians within the facility in the event of an emergency, the institution on occasion will conduct an exercise in staff accountability (referred to as a Signal 24). Contractors will need to follow

the direction of their escort officer and may be required to report to another location in order to be accounted for.

WORK HOURS: Contractors' normal scheduled work hours will be (7am-5pm) Four 10-hour days (Tuesday through Friday)

No work will be allowed during State observed Holidays.

WORK AREAS / SITES: The number of construction crews that could be accommodated during approved schedule is **two work sites, with 2 escorts not to exceed** 20 construction workers. Not to include the additional front entry officers placed by the institution during renovation of the front entry area.
Work performed outside the secure perimeter is subject to prison local policy and guidelines depending on location and nature of work. This work should not have sallyport passage time accounted for and will generally be less.

MOTOR VEHICLES: No person is authorized to operate a motor vehicle on institutional grounds without a Valid State Driver's License.

DRESS CODE: Any type of clothing or body marking that is inflammatory and/or known as a gang insignia is prohibited from being displayed inside the institution. This includes the wearing of blue, red or black bandanas as a cap or sweatband. Shorts are prohibited. Shirts are required. Light blue shirts worn in conjunction with blue jeans or pants should be avoided to reduce the possibility of being mistaken for an incarcerated person.

OTHER SECURITY ISSUES: In the event of an emergency or due to unexpected staffing shortages or security issues a contractor may be denied entry or asked to leave the institution. The Contractor's Superintendent shall verify the condition through the Maintenance Superintendent or a Shift Supervisor.
No weapons including CCW permit holders are to be brought onto state property. It is the contractor's responsibility to notify all delivery drivers, sub-contractors and anyone else that they will have on site of this prior to their arrival.

Institutional Security Orders and Expectations for Contractors

Madison Correctional Institution
Construction Security Orders and Entry Procedures
Acknowledgement Form

I acknowledge that I have received and read a copy of the Madison Correctional Institution **Security Orders and Entry Procedures For Contractor & Construction Personnel.** I have had the opportunity to ask questions relating to any areas of the document for which I need clarification. If any type of security issues or questions arise while I am working at the Madison Correctional Institution, I will immediately contact the Correctional Officer assigned or the Administrative Assistant of Construction and Maintenance to clarify the situation. I understand that violation of the Security Orders and Entry procedures may result in permanent removal from facility grounds.

_____
Contractor's Name (Print)

_____
Contractor's Signature Date

_____
Witness's Signature Date

Document 00 73 00 - Supplementary Conditions (GC)
State of Ohio Standard Requirements for Public Facility Construction

Certifications

These Supplementary Conditions amend and supplement the General Conditions and other provisions of the Contract Documents as indicated below. All provisions not amended remain in full force and effect. The terms in these Supplementary Conditions defined in the Contracting Definitions or the General Conditions shall have the meanings assigned to them in those documents.

These Supplementary Conditions are authorized, by the Ohio Facilities Construction Commission, for use on projects constructed by the Ohio Facilities Construction Commission for the Ohio Department of Rehabilitation & Corrections.

Contracting Authority

Ohio Facilities Construction Commission
30 W. Spring Street
Columbus, Ohio 43215
(614) 466-6290
www.ofcc.ohio.gov

MODIFICATIONS TO GENERAL CONDITIONS

Insert Section 7.10 and subordinate Sections as follows:

7.10 Weather Delays

7.10.1 The parties expect adverse weather to delay the Work to some extent and have included in the Contract Times a certain number of Work Days lost on account of adverse weather as follows:

Month	Expected Number of Work Days Lost Due to Weather
January	8
February	8
March	7
April	6
May	5
June	5
July	4
August	4
September	5
October	6
November	6
December	6

7.10.2 The contractor will not be entitled to an extension of the Contract Time on account of adverse weather unless the actual number of Work Days lost due to adverse weather in a particular calendar month exceed the expected

number of Work Days lost in that calendar month due to adverse weather. The Contractor must reconcile lost Work Days with the A/E on a weekly basis.

7.10.3 A Work Day will be "lost" if adverse weather reduces the Contractor's efficiency on the Work on the critical path that Work Day to less than 50%. The Contractor shall substantiate its claim that its efficiency on the Work on the critical path that Work Day was less than 50%.

7.10.4 If the Contractor reasonably believes that it is entitled to an extension of the Contract Times on account of Work Days lost due to adverse weather in a particular month. For the Ohio Department of Rehabilitation & Corrections, adverse weather shall also constitute lost time due to Fog as related to exterior work. The Contractor may request a Change Order by giving written notice under Section **7.3.2** within ten days after the last calendar day of that month.

*Delete Section **8.4.2** in its entirety.*

Expected adverse weather days based on the Chart in this section, nullifies 01 32 16 Specification Section 3.2.L.2.b.1 & 2.

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