



JEFFERSON COUNTY PURCHASING DEPARTMENT
Deborah L. Clark, Purchasing Agent

1149 Pearl Street
1st Floor, Beaumont, TX 77701

OFFICE MAIN: (409) 835-8593
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Addendum to IFB

IFB NUMBER: IFB 24-062/MR
IFB TITLE: Jefferson County Diversion Center Renovation
IFB DUE BY: 11:00 am CT, Wednesday, November 13, 2024
ADDENDUM NO.: 1
ISSUED (DATE): November 1, 2024

To Bidder: This Addendum is an integral part of the IFB package under consideration by you as a Bidder in connection with the subject matter herein identified. Jefferson County deems all sealed bids to have been proffered in recognition and consideration of the entire IFB Specifications Package - including all addenda. For purposes of clarification, receipt of this present Addendum by a Bidder should be evidenced by returning it (signed) as part of the Bidder's sealed bid submission. If the bid submission has already been received by the Jefferson County Purchasing Department, Bidder should return this addendum in a separate sealed envelope, clearly marked with the IFB Title, IFB Number, and IFB Opening Date and Time, as stated above.

Reason for Issuance of this Addendum:

- 1. Vendor Questions
2. Updated Scope of Work & Updated Project Drawings
3. A secondary walk-through has been scheduled for Wednesday, November 6, 2024, at 2:00 pm at the Diversion Center Site Location located at 3890 FM 3514, Beaumont, Texas 77705

The information included herein is hereby incorporated into the documents of this present bid matter and supersedes any conflicting documents or portion thereof previously issued.

Receipt of this Addendum is hereby acknowledged by the undersigned Respondent:

ATTEST:

Witness

Witness

Witness

Witness

Approved by _____ Date: _____

Authorized Signature (Respondent)

Title of Person Signing Above

Typed Name of Business or Individual

Address



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1st Floor, Beaumont, TX 77701

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1. See Brave Addendum 1 Attachment beginning on page 3 of this addendum for vendor questions, updated scope of work and updated project drawings.



ADDENDUM # 01

IFB 24-062/MR Jefferson County Diversion Center Renovation

B/A No. 23141

Issue Date: 11/01/2024

Notice:

- Receipt of this Addendum shall be acknowledged on the Bid Form.
- This Addendum forms part of the Contract Documents for the above referenced project and shall be incorporated integrally therewith.
- Bidder shall make necessary adjustments and submit his/her proposal with full knowledge of all modifications, clarifications, and supplemental data included therein. Where provisions of the following supplemental data differ from those of the original Contract Documents, this addendum shall govern and take precedence.
- Identified items revised on the Drawings are designated by a cloud line surrounding the revised section of the drawing and a delta (Δ) symbol with the corresponding revision number.
- Items revised in the Project Manual are shown in bold AND italicized.

Modifications:

A. Owner Requested changes to Bidding Information (Demolition Work allocation)

1. Mold Remediation demolition scope has been modified, so Demolition required by GC has been reduced. Listed below are items allocated to remediation vs Renovation GC. Sheet notes on D.101, D.110, D.111, D.121 and D.125 revised.

Response:

Mold Remediation and Interior Demolition Letter for more information

Renovation GC Demolition scope of work (in Contract)

- a) *All Interior Door Frames to be demolished for new door frames and doors.*
- a) *All exterior doors and frames to be demolished as shown in the drawings.*
- b) *All CMU wall and interior dry wall to be demolished as shown in drawings.*
- c) *Existing ductwork removal by remediation contractor may leave holes in the wall of the mechanical room/mezzanine floor or other spaces that needs to be patched and repaired.*
- d) *Exterior soffit at entry canopy and exterior walls to be demolished as show in the drawings.*
- e) *Existing roof patching at rusted locations to be removed and patched.*

B. Changes to Bidding Information (questions & clarifications): RFIs

1. Daniels Building and Construction Inc Question 1 - Waste Management has been specified. Will this be a requirement?

Response: *Waster Management can be removed from the scope of work however GC is responsible for disposing construction waste as required for Development Permit and approved by Environmental Control. A copy of Development Permit Application is added in the specifications.*

2. Daniels Building and Construction Inc Question 2 - Is there certain measured lengths / profile for the tubular lights?

Response: *This item requires field verification of lengths and profiles. Idea is to replace the existing deteriorated daylighting devices with new. As per owner provided existing drawings the length ranges between 6' to 10' for a tubular light connection. There are total of 6 such devices in each pod.*

3. Daniels Building and Construction Inc Question 3 - There is a specification for automated external defibrillators. Is this owner furnished for the maintenance and yearly calibration needs? If not, how many are required?

Response: *No AED required. Spec Section 10 43 00 is removed in the revised TOC.*

4. Daniels Building and Construction Inc Question 4 - A.201 roof detail shows ISO board. What size ISO board is required? See following question.

Response: *4" insulation panel is show in the details. R-Seal 4" panel provides R-30 value. Any equal or better product can be used. Revised Spec Section 07 21 00 is included in this addendum.*

5. Daniels Building and Construction Inc Question 5- A.100 notes requirements for roof and wall insulation. ROOFS: ABOVE DECK: R-25ci, METAL BUILDINGS: R-19 + R-11 LS, WALLS, ABOVE GRADE: METAL BUILDING: R13 + R-6.5ci, METAL FRAMED: R-13 + R-5ci. Wall insulation will be no problem since these walls will be exposed and re-built, however with the retrofit of the roof and no demolition of ceilings, access to underside of deck will not be accessible. Will this be achieved above roof with ISO board above existing roof panels as shown? If so, please clarify how many layers and what thicknesses? Also, please verify that the ISO will lay on top of the roof hugger brackets with a baring plate?

Response: *4" insulation panel is show in the details. R-Seal 4" panel provides R-30 value. Any equal or better product can be used. Revised Spec Section 07 21 00 is included in this addendum.*

6. Daniels Building and Construction Inc Question 6 – A.101 shows slat curtains in each day room with specific measurements for start and stop. It is apparent on this drawing that it is not all encompassing. A.120 & A.121 shows these curtains completely encircling the day room. Which is correct?

Response: *A.101 shows the full height wood slat panels, while sheet A.120/A.121 shows partial height ceiling mounted overall enclosure. Refer to interior elevations 6,7/A.701 for more information.*

7. Daniels Building and Construction Inc Question 7 - Finish schedule describes the W.WD.1 as Wood slat Wall by Slat Solutions. There is no specification to follow for correct product purchase and installation. Please provide clarification.

Response: *Revised spec section 06 20 00 provides wood slat wall information.*

8. Daniels Building and Construction Inc Question 8 - A.150 finish schedule lists FT.1 & FT.2 with description and thickness (no specifications in spec book). A.151 & A.152 has a note for FT.1 & FT.3 (not 2) in PODS 200 & 400 however there is no designation of where they go, how many or what if any pattern.

Response: *FT.1 and FT.2 are the felt products with different colors. Refer to Finish schedule on sheet A.150 for panel thickness and color. See revised sheet A.701 and A.121 for typical size and location.*

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9. Daniels Building and Construction Inc Question 9 - C1.00 shows that a section of the existing perimeter fence is to be removed for new driveway. It is not clear how much, however A.010 shows new fencing on either side of the two buildings drawn. It is assumed that the perimeter fence is to be removed back to both locations. Please clarify this is the case and that both buildings will not be fenced off from the highway.

Response: See revised sheet C1.00

10. Sergio Gomez, Construction Managers of Southeast Texas, LLC Question 1 – Please advise if any other toilet accessories will be required on this project, other than what is show on plans. Seems like the plans don't show them all.

Response: See revised sheet A.101 and interior elevation sheets for all Toilet accessory locations in POD 200. The same applies to POD 400 Unless noted otherwise.

11. Sergio Gomez, Construction Managers of Southeast Texas, LLC Question 2 – See Spec section 102601 (Wall & Corner Guards) – As no corner guards were found on plans, please advise if any will be required.

Response: See revised sheet A.101 for corner guard locations in POD 200. The same applies to POD 400 unless noted otherwise.

12. Sergio Gomez, Construction Managers of Southeast Texas, LLC Question 3 – See spec section 104300 (Emergency Aid Specialties). As no AED's were located on plans, please advise if any will be required.

Response: No AED required. Spec Section 10 43 00 is removed in the revised TOC.

13. Sergio Gomez, Construction Managers of Southeast Texas, LLC Question 4 – Do you know what type of fire panel is in the location? Also, can the. Branding of the access, cameras, & fire system be provided?

Response (DATACOM): We only have a specific manufacturer/brand for the access control software and door controllers everything else is performance spec. We do provide a list acceptable manufacturer for the rest of the access control, video surveillance and intercom devices. The list of acceptable manufacturers is in the div. 28 specs located here:

Access control: 28 10 00 – Part 2 - 2.1 (Acceptable Manufacturers)

Video Surveillance: 28 23 00 – Part 2 – 2.5 (Acceptable Manufacturers). Please note that all cameras need to be NDA (National Defense Act) Compliant.

Intercom: 28 26 00: 28 26 00 - Part 2 - 2.1 (Acceptable Manufacturers)

14. Sergio Gomez, Construction Managers of Southeast Texas, LLC Question 5 – Can you clarify the height of the rubber base specified?

Response: all rubber bases are 4". Information is revised on sheet A.150.

15. Sergio Gomez, Construction Managers of Southeast Texas, LLC Question 6 – Ceramic Wall Tile is listed on the Finish Schedule, however, its not shown on the finish plan. Please confirm if there is any wall tile on this project.

Response: All restrooms to have ceramic wall tiles up to height shown in interior elevations. Refer to finish schedule for product information.

16. Sergio Gomez, Construction Managers of Southeast Texas, LLC Question 7 – Floor Transitions are not specified or shown on the plans, please confirm what kind of floor transitions will be desired for this project.

Response: See updated detail 6/A.820 for floor transition schedule.

17. Sergio Gomez, Construction Managers of Southeast Texas, LLC Question 8 – Is the intention to demo all the existing conduit or will there be items to stay as far as demo is concerned?

Response: Mold remediation will clean all affected conduits prior to beginning of renovation demolition work. No intention to keep any existing conduit unless for any special case.

18. TxDOT permit approval received with below comments.

Response: *Culvert pipe and/or forms for driveways must be inspected by a TxDOT representative prior to backfilling culverts or pouring concrete. Culverts must have 6:1 sloped safety end sections as per the attached standard sheets and must be enclosed in concrete or an approved stabilized material to prevent erosion. The driveway must be paved or surfaced with an approved stabilized material to prevent tracking mud onto the highway. Before completing the installation of the driveway please give at least a 24-hour notice to our Permit Inspector, Jose Pastrana, so that a site visit can be performed to make sure it is being installed properly. If a lane closure is required, contact the Inspector 72 hours in advance.*

19. Building permit requirements

Response: *GC is responsible for acquiring development permits from Jefferson County and receiving approval from Environmental Control. Any building with living quarters is required by HB2833 to have required inspections as applicable for Renovation project.*

20. Additional Updates

Response:

1. All Exterior Windows to be aluminum framed windows for better thermal performance. Refer to Sheet A.820
2. Retrofit roof edge gutters and internal down spout information provided for accurate pricing. Refer to sheet A.201 and A.611.

C. Changes to the Project Manual/Drawings:

Specifications

Table of Content is updated. Spec Section Waste Management and AED are removed. Spec section Finish Carpentry, Thermal Insulation, Aluminum Windows and Glazing have been revised.

Civil Sheet

Extended fence demo limits and referenced sheet A.010.

Architectural Sheets

BID questions related information provided.

Sheet A.611 Exterior Glazing & Door Details

1. Flexible Flashing to be provided at all windows. Seal top edge of flexible flashing
2. Casing Bead renamed to form
3. Hat channel provided to support metal panels
4. Form-Closure shown at all Metal panel ends. typical detail.
5. Wood blocking extended to the width of the wall at all windows. typical detail.

Plumbing Sheets

Roof drain information added.

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D. Attachments:

Interior Mold Remediation Demolition scope of work

Specification	Format	Date
Cover page	8½x11	11/01/2024
Table of Content	8½x11	11/01/2024
06 2000 Finish Carpentry	8½x11	11/01/2024
07 2100 Thermal Insulation	8½x11	11/01/2024
08 5113 Aluminum Windows	8½x11	11/01/2024
08 8000 Glazing	8½x11	11/01/2024

Drawing Sheet	Format	Date
G.000 Cover Page	30x42	11/01/2024
G.001 Index and General Information	30x42	11/01/2024
D.101 Demolition – Overall Floor Plan	30x42	11/01/2024
D.110 Demolition – Enlarged Floor Plan POD 200	30x42	11/01/2024
D.111 Demolition – Interior Photos	30x42	11/01/2024
D.121 Demolition – Overall RCP	30x42	11/01/2024
D.125 Demolition – Enlarged RCP POD 200	30x42	11/01/2024
C1.00 Demolition Plan	30x42	11/01/2024
A.100 Overall Floor Plan	30x42	11/01/2024
A.121 Enlarged Reflected Ceiling Plan – POD 200	30x42	11/01/2024
A.150 Finish Schedule	30x42	11/01/2024
A.151 Overall Finish Plan	30x42	11/01/2024
A.152 Enlarged Finish Plan – POD 200	30x42	11/01/2024
A.201 Roof Details	30x42	11/01/2024
A.502 Exterior Wall Sections	30x42	11/01/2024
A.601 Plan Details	30x42	11/01/2024
A.610 Section Details	30x42	11/01/2024
A.611 Exterior Glazing & Door Details	30x42	11/01/2024
A.701 Interior Elevations	30x42	11/01/2024
A.702 Interior Elevations	30x42	11/01/2024
A.820 Typical Door Types, Schedules & Hardware	30x42	11/01/2024
A.840 Glazing Schedule, Frame Types and Interior Glazing Details	30x42	11/01/2024
P1.1 Plumbing Plan – Waste	30x42	11/01/2024
P1.3 Plumbing Roof Plan	30x42	11/01/2024

End of Addendum 01



October 31, 2024

Jefferson County
1149 Pearl Street
Beaumont, Texas 77701
Email: mistey.reeves@jeffcotx.us
Tel: 409-835-8693
Attn: Ms. Mistey Reeves

RE: Mold Remediation and Interior Demolition

Jefferson County Diversion Center
Pods 100, 200, 300, & 400
3890 FM 3514
Beaumont, Texas 77705

Introduction

Please find below the mold remediation and interior demolition scope of work recently removed from the Jefferson County Diversion Center Renovation scope of work. This work is scheduled for areas that include Pods 200 & 400, Control Room, Control Room Restroom, two Plumbing/Mechanical Chases, two Mechanical Rooms, two Mezzanine Mechanical Rooms.

In addition, the county has opted to have mold remediation performed to make safe Pods 100 & 300 to facilitate the fire sprinkler system installation.

Scope of Work – Pods 200/400, et.al.

This work area includes Pods 200 & 400, Control Room, Control Room Restroom, two Plumbing/Mechanical Chases, two Mechanical Rooms, two Mezzanine Mechanical Rooms.

Demolition

1. Remove and dispose of HVAC air handlers, ductwork, makeup air fan, controls, grills, registers, mixing boxes, exhaust ducts and other interior mechanical equipment.
2. Remove and dispose of smoke purge makeup air fan, associated ductwork, and support system.
3. Remove and dispose of gypsum board ceiling/plywood ceiling and support system.
4. Remove and dispose of lay-in ceiling tiles/grid and walls in and around Control Room and associated restroom.
5. Remove and dispose of raised floor and associated supports in Control Room, associated restroom, and connected platform in Pods 200/400 & Pods 100/300.



6. Remove and dispose of steps to raised floor and associated supports in Pods 200/400 & Pods 100/300.
7. Remove and dispose of carpet/glue and other floor finishes.
8. Remove and dispose of interior doors including hinges. Door frames are to remain in place.
9. Remove and dispose of washing machines, dryers, and associated hardware.
10. Remove and dispose of light fixtures (including whips back to junction boxes), wall ornaments, cabinetry, desks, and millwork including Control Room and Pods 200 & 400.

Remediation

11. Clean, biocide, and sanitize ceiling system hanger wires extending to roof deck for possible use by others.
12. Clean, biocide, and sanitize all walls and floors in Pods 200 & 400 and in mechanical room, mechanical room mezzanine, plumbing mechanical chase. Leave in place, walls to be removed will be done by others.
13. Clean, biocide, and sanitize plumbing equipment/lines, mop sink, gas lines, tanks, hot water heaters throughout including mechanical room, mezzanine, and plumbing/mechanical chase. Leave in place, removed by others.
14. Clean, biocide, and sanitize all exterior doors in Pods 200 & 400 and interior control room door leading to Pods 100 & 300. Leave in place; to be removed by others.
15. Clean, biocide, and sanitize louvers at mezzanine mechanical rooms. Leave in place.
16. Clean, biocide, and sanitize cell door control panels, electronic boxes, solid conduit electrical wiring, electrical data equipment. Leave in place, to be removed by others.
17. Clean, biocide, and sanitize door frames, cell beds/tables, eating tables, windows, mirrors, and restroom lavatories, toilets, showers, and restroom accessories. Leave in place, to be removed by others.
18. Clean, biocide, and sanitize structure beams, columns, and insulation backing motors. Leave in place.
19. Clean, biocide, and sanitize fire alarm boxes, security alarm boxes, electrical boxes, motors, railings, vertical ladders, conduit, plumbing lines, and fire extinguishers. Leave in place, if possible.
20. Clean, biocide, and sanitize tubular daylighting device, and SAVE FOR REUSE. Leave in place, if possible.
21. Maintain differential pressure utilizing negative air machines equipped with HEPA filters continuously throughout the project duration.
22. Conduct HEPA filter air scrubbing during cleaning/removal and for a minimum of 48 hours after cleaning and prior to clearance.

Scope of Work – Pods 100/300

This work area includes Pods 100 & 300.

Remediation Only

1. Clean, biocide, and sanitize all exposed surfaces including ceilings, walls, floors, and doors.
2. Clean, biocide, and sanitize exposed surfaces of cell beds, windows, mirrors, HVAC equipment/ducts/registers, restroom lavatories/toilets/showers/accessories, plumbing lines, washing machine/accessories.
3. Clean, biocide, and sanitize all remaining items not listed above located within Pods 100/300.
4. Maintain differential pressure utilizing negative air machines equipped with HEPA filters continuously throughout the project duration.
5. Conduct HEPA filter air scrubbing during cleaning/removal and for a minimum of 48 hours after cleaning and prior to clearance.

Should you have any questions, please contact me at (409) 632-2601. Thank you for the opportunity to be of service to you on this project.

Sincerely,
Honesty Environmental Services, Inc.



Daniel R. Ward
Vice President



Jefferson County Diversion Center Renovation

PO 091688 / B/A Project No. 23141

3890 FM3514
Beaumont, TX 77705

Specifications

Issued for:
Addendum # 01

November 01, 2024

BRAVE / architecture

DOCUMENT 00 0110
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By Owner

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- 32 1613 CONCRETE CURBS AND CURB AND GUTTER (D+A CIVIL)
- 32 3119 DECORATIVE METAL FENCES AND GATES
- 32 4116 LANDSCAPE DRAINAGE (KW)
- 32 8400 PLANTING IRRIGATION (KW)
- 32 91 19 LANDSCAPING GRADING (KW)
- 32 9200 LAWNS AND GRASSES (KW)
- 32 9300 EXTERIOR PLANTS (KW)
- 32 9313 TREES SHRUBS AND GROUNDCOVER (KW)
- 32 9400 LANDSCAPE PLANTIN ACCESSORIES (KW)
- 32 9813 LANDSCAPE ESTABLISHMENT PERIOD (KW)

DIVISION 33 – UTILITIES (D+A CIVIL)

- 33 0528 TRENCHING AND BACKFILLING FOR UTILITIES
- 33 3100 SANITARY UTILITY SEWERAGE PIPING
- 33 4100 STORM SEWAGE SYSTEM

END OF TABLE OF CONTENTS

SECTION 06 2000
FINISH CARPENTRY

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Finish carpentry items.
- B. Wood casings and moldings.
- C. Hardware and attachment accessories.
- D. Wood slat room dividers.

1.2 SUBMITTALS

- A. See Section 01 3000 – Administrative Requirements for submittal procedures.
- B. Product Data.
- C. Shop Drawings: Indicate materials, component profiles, fastening methods, jointing details, accessories, to a minimum scale of 1-1/2 inch to 1 ft.

1.3 QUALITY ASSURANCE

- A. Perform work in accordance with AWI Architectural Woodwork Quality Standards Illustrated, Custom grade at clubhouse and Economy grade elsewhere.
- B. Fabricator Qualifications: Company specializing in fabricating the products specified in this section with minimum three years of documented experience.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Protect work from moisture damage.

1.5 PROJECT CONDITIONS

- A. Sequence the installation to ensure utility connections are achieved in an orderly and expeditious manner.
- B. Coordinate the work with plumbing rough-in, electrical rough-in, and installation of associated and adjacent components.

PART 2 PRODUCTS

2.1 LUMBER MATERIALS

- A. Softwood Lumber: Southern Pine species, plain sawn, maximum moisture content of 6percent; with vertical grain, of quality suitable for transparent finish.
- B. Product made without formaldehyde and complying with ANSI A208.2 Grade MD.

2.2 SHEET MATERIALS

- A. Softwood Plywood Not Exposed to View: Any face species, veneer core; PS 1 Grade A-B; glue type as recommended for application.
- B. Softwood Plywood Exposed to View: Face species as indicated, plain sawn, medium density fiberboard core; PS 1 Grade A-B; glue type as recommended for application.
- C. Softwood Plywood: PS 1 Grade A-B; Veneer core; Southern Pine face species, plain sliced cut.

2.3 WOOD SLAT ROOM DIVIDERS

- A. Manufacturer: Slat Solution; www.slatsolution.com
- B. Basis of Design: Design is based on “Maple Slat Wood Room Dividers” from Slat Solution.
- C. Plank size: 105” x 4” x 2”
- D. Plank thickness: 4”
- E. Finish: Maple
- F. Installation Type: Screw down.
- G. Substitutions: Under provisions of Section 01 6000 Product Requirements.

2.4 FASTENERS

- A. Fasteners: Of size and type to suit application; brushed chrome finish in exposed locations.
- B. Adhesives, General: Do not use adhesives that contain urea formaldehyde.
 - 1. VOC Limits for Installation Of Adhesives and Glues: Use installation adhesives that comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA Method 24):
 - a. Wood Glues: 30 g/L.
 - b. Contact Adhesive: 250 g/L.

2.5 ACCESSORIES

- A. Lumber for Shimming, Blocking: Softwood lumber of Southern Pine species.
- B. Primer: Alkyd primer sealer.
- C. Wood Filler: Solvent base, tinted to match surface finish color.

2.6 FABRICATION

- A. Shop assemble work for delivery to site, permitting passage through building openings.
- B. Fit exposed sheet material edges with 3/8-inch matching hardwood edging. Use one piece for full length only.
- C. When necessary to cut and fit on site, provide materials with ample allowance for cutting. Provide trim for scribing and site cutting.
- D. Back prime all edges.

2.7 FIELD FINISHING

- A. Sand work smooth and set exposed nails and screws.
- B. Apply wood filler in exposed nail and screw indentations.
- C. Paint work in accordance with AWI Architectural Woodwork Quality Standards Illustrated, Section 1500 and in accordance with Section 09 9000 Paints and Coatings.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify adequacy of backing and support framing.
- B. Verify mechanical, electrical, and building items affecting work of this section are placed and ready to receive this work.

3.2 INSTALLATION

- A. Set and secure materials and components in place, plumb and level.
- B. Carefully scribe work abutting other components, with maximum gaps of 1/32 inch.
Do not use additional overlay trim to conceal larger gaps.

3.3 TOLERANCES

- A. Maximum Variation from True Position: 1/16 inch.
- B. Maximum Offset from True Alignment with Abutting Materials: 1/32 inch.

END OF SECTION

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SECTION 07 2100
THERMAL INSULATION

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Batt insulation in interior wall and ceiling construction.
- B. Batt insulation for exterior wall construction.
- C. Continuous insulation for exterior wall construction.
- D. Insulation for roof system.
- E. Acoustic wall panels.

1.2 REFERENCE STANDARDS

- A. ASTM C578 – Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation, 2019
- B. ASTM C665 - Standard Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing.
- C. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
- D. ASTM E136 - Standard Test Method for Behavior of Materials in a Vertical Tube Furnace At 750 Degrees C.
- E. ASTM E2357 - Standard Test Method for Determining Air Leakage of Air Barrier Assemblies.

1.3 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on product characteristics, performance criteria, and product limitations.
- C. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.
- D. Manufacturer's Installation Instructions: Include information on special environmental conditions required for installation and installation techniques.

1.4 FIELD CONDITIONS

- A. Do not install insulation adhesives when temperature or weather conditions are detrimental to successful installation.

1.4 PERFORMANCE REQUIREMENTS

- A. Roof Insulation
 - 1. Above Deck: R-25Ci
 - 2. Metal Building: R-19 +R-11 LS.
- B. Wall Insulation
 - 1. Metal Building: R 13 +R6.5Ci
 - 2. Metal Frame: R-13 +R-5Ci.

PART 2 PRODUCTS

2.1 APPLICATIONS

- A. Insulation Over Metal Stud Framed Walls, Continuous: Extruded polystyrene (XPS) board, or mineral wool.
- B. Insulation in Metal Framed Walls: Batt insulation with no vapor retarder.

2.2 BATT INSULATION MATERIALS

- A. Glass Fiber Batt Insulation: Flexible preformed batt or blanket, complying with ASTM C665; friction fit.
 - 1. Flame Spread Index: 75 or less, when tested in accordance with ASTM E84.
 - 2. Smoke Developed Index: 450 or less, when tested in accordance with ASTM E84.
 - 3. Combustibility: Non-combustible, when tested in accordance with ASTM E136, except for facing, if any.
 - 4. Thickness: As required to achieve the performance ratings in paragraph 1.4.
 - 5. Facing: Asphalt treated mesh reinforced Kraft paper, one side.
- C. Manufacturers:
 - a. CertainTeed Corporation: www.certainteed.com.
 - b. Johns Manville: www.jm.com.
 - c. Owens Corning Corporation: www.ocbuildingspec.com/#sle.
 - d. Substitutions: See Section 01 6000 - Product Requirements.

2.3 FOAM BOARD INSULATION MATERIALS

- A. Extruded Polystyrene (XPS) Continuous Insulation (CI) Board: Complies with ASTM C578, and manufactured using carbon black technology.
 - 1. Type and Compressive Resistance: Type IV, 25 psi, minimum.
 - 2. Flame Spread Index (FSI): Class A 0 to 25 when tested in accordance with ASTM E84.
 - 3. Smoke Developed Index (SDI): 450 or less, when tested in accordance with ASTM E84.
 - 4. Type and Thermal Resistance, R-value (RSI-value): Type IV, 5.6 minimum, per 1 inch thickness at 75 degrees F mean temperature.
 - 5. Complies with fire resistance requirements indicated on Drawings as part of an exterior non-load-bearing exterior wall assembly when tested in accordance with NFPA 285.
 - 6. Board Size: 48 inch by 96 inch.
 - 7. Board Thickness: As required to achieve the performance ratings in paragraph 1.4.
 - 8. Board Edges: Square.
 - 9. Type and Water Absorption: Type IV, 0.3 percent by volume, maximum, by total immersion.
 - 10. Products:
 - a. DuPont de Nemours, Inc; Styrofoam Brand Ultra SL (Shiplap)

2.4 ACOUSTICAL WALL PANELS

- A. R-Seal Rigid Envelope Insulation Panel.
- B. Thickness: 2 inches
- C. Exterior Profile: PS (Polypropylene/Scrim) bonded to rigid foam.
- D. Exterior Face: Uniformed Dimpling Pattern.

- E. Interior Profile: PS (Polypropylene/Scrim) bonded to rigid foam.
- F. Interior Face: Uniformed Dimpling Pattern.
- G. Joints: Butt
- H. Fastening: Through fastened with support channels at finished floor and eave areas.
- I. Core: Rigid closed cell modified Polyurethane/PUR/PIR core, structural and fire rated components between fiber-reinforced polypropylene.

2.4 ACCESSORIES

- A. Tape: Bright aluminum self-adhering type, mesh reinforced, 2 inch wide.
- B. Tape joints of rigid insulation in accordance with roofing and insulation manufacturers' instructions.
- C. Insulation Fasteners: Impaling clip of unfinished steel with washer retainer and clips, to be adhered to surface to receive insulation, length to suit insulation thickness and substrate, capable of securely and rigidly fastening insulation in place.
- D. Adhesive: Type recommended by insulation manufacturer for application.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that substrate, adjacent materials, and insulation materials are dry and that substrates are ready to receive insulation.
- B. Verify substrate surfaces are flat, free of honeycomb, fins, irregularities, or materials or substances that may impede adhesive bond.

3.2 BATT INSTALLATION

- A. Install insulation and vapor retarder in accordance with manufacturer's instructions.
- B. Install in exterior wall and roof spaces without gaps or voids. Do not compress insulation.
- C. Trim insulation neatly to fit spaces. Insulate miscellaneous gaps and voids.
- D. Fit insulation tightly in cavities and tightly to exterior side of mechanical and electrical services within the plane of the insulation.
- E. Install with factory applied vapor retarder membrane facing warm side of building spaces. Lap ends and side flanges of membrane over framing members.
- F. Tape seal butt ends, lapped flanges, and tears or cuts in membrane.

3.3 FIELD QUALITY CONTROL

- A. See Section 01 4000 - Quality Requirements, for additional requirements.

3.4 PROTECTION

- A. Do not permit installed insulation to be damaged prior to its concealment.

END OF SECTION

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SECTION 08 5113
ALUMINUM WINDOWS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Extruded aluminum windows, fixed.
- B. Factory glazing.

1.02 RELATED REQUIREMENTS

- A. Section 06 1000 - Rough Carpentry: Rough opening framing.
- B. Section 07 2500 - Weather Barriers: Sealing frame to weather barrier installed on adjacent construction.
- C. Section 07 9005 - Joint Sealers: Perimeter sealant and back-up materials.
- D. Section 08 4313 - Aluminum-Framed Storefronts: Operable sash within framing system.
- E. Section 08 8000 - Glazing.

1.03 REFERENCE STANDARDS

- A. AAMA/WDMA/CSA 101/I.S.2/A440 - North American Fenestration Standard/Specification for windows, doors, and skylights; 2011.
- B. AAMA CW-10 - Care and Handling of Architectural Aluminum From Shop to Site; 2015.
- C. AAMA 609 & 610 - Cleaning and Maintenance Guide for Architecturally Finished Aluminum (Combined Document); 2015.
- D. AAMA 611 - Voluntary Specification for Anodized Architectural Aluminum; 2012.
- E. AAMA CW-10 - Care and Handling of Architectural Aluminum From Shop to Site; American Architectural Manufacturers Association; 2012.
- F. ASTM E1105 - Standard Test Method for Field Determination of Water Penetration of Installed Exterior Windows, Skylights, Doors, and Curtain Walls, by Uniform or Cyclic Static Air Pressure Difference; 2015.

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Preinstallation Meeting: Convene one week before starting work of this section.

1.05 SUBMITTALS

- A. See Section 013000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide component dimensions, information on glass and glazing, internal drainage details, and descriptions of hardware and accessories.
- C. Grade Substantiation: Provide specified Grade Substantiation before submitting shop drawings or starting fabrication.
- D. Shop Drawings: Indicate opening dimensions, elevations of different types, framed opening tolerances, method for achieving air and vapor barrier seal to adjacent construction, anchorage locations, and installation requirements.
- E. Samples: Submit two samples, 12 by 12 inch in size illustrating typical corner construction, accessories, and finishes.
- F. Submit two samples of operating hardware.

- G. Grade Substantiation: Prior to submitting shop drawings or starting fabrication, submit one of the following showing compliance with specified grade:
 - 1. Evidence of AAMA Certification.
 - 2. Evidence of WDMA Certification.
 - 3. Evidence of CSA Certification.
 - 4. Test report(s) by independent testing agency itemizing compliance and acceptable to authorities having jurisdiction.
- H. Test Reports: Prior to submitting shop drawings or starting fabrication, submit test report(s) by independent testing agency showing compliance with performance requirements in excess of those prescribed by specified grade.
- I. Manufacturer's Installation Instructions: Include complete preparation, installation, and cleaning requirements.
- J. Field Quality Control Submittals: Report of field testing for water penetration and air leakage.
- K. Manufacturer's Qualification Statement.
- L. Installer's Qualification Statement.
- M. Warranty: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

1.06 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum three years of documented experience.
- B. Installer Qualifications: Company specializing in performing work of type specified and with at least three years of documented experience.

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Comply with requirements of AAMA CW-10.
- B. Protect finished surfaces with wrapping paper or strippable coating during installation. Do not use adhesive papers or sprayed coatings that bond to substrate when exposed to sunlight or weather.

1.08 FIELD CONDITIONS

- A. Do not install sealants when ambient temperature is less than 40 degrees F.
- B. Maintain this minimum temperature during and 24 hours after installation of sealants.

1.09 WARRANTY

- A. See Section 017800 - Closeout Submittals, for additional warranty requirements.
- B. Correct defective Work within a five year period after Date of Substantial Completion.
- C. Provide five-year manufacturer warranty against failure of glass seal on insulating glass units, including interpane dusting or misting. Include provision for replacement of failed units.
- D. Provide five-year manufacturer warranty against excessive degradation of exterior finish. Include provision for replacement of units with excessive fading, chalking, or flaking.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Aluminum Windows:
 - 1. Basis of Design: Kawneer 8225TL Thermal Fixed Windows.
 - 2. Other Acceptable Manufacturers:
 - a. EFCO; www.efcocorp.com
 - b. Arcadia Inc.; www.arcadia.com

2.02 ALUMINUM WINDOWS

- A. Aluminum Windows: Extruded aluminum frame, factory fabricated, factory finished, with related flashings, shims and anchorage and attachment devices.
 - 1. Frame Depth: 2-1/4 inch with 0.125" minimum frame thickness.
 - 2. Provide units factory glazed.
 - 3. Fabrication: Joints and corners flush, hairline, and weatherproof, accurately fitted and secured; prepared to receive anchors; fasteners and attachments concealed from view; reinforced as required for operating hardware and imposed loads.
 - 4. Perimeter Clearance: Minimize space between framing members and adjacent construction while allowing expected movement.
 - 5. Movement: Accommodate movement between window and perimeter framing and deflection of lintel, without damage to components or deterioration of seals.
 - 6. System Internal Drainage: Drain to the exterior by means of a weep drainage network any water entering joints, condensation occurring in glazing channel, and migrating moisture occurring within system.
 - 7. Thermal Movement: Design to accommodate thermal movement caused by 180 degrees F surface temperature without buckling stress on glass, joint seal failure, damaging loads on structural elements, damaging loads on fasteners, reduction in performance or other detrimental effects.
- B. Performance Requirements: Provide products that comply with the following:
 - a. Performance Class and Grade: AW-PG100-FW.

2.03 COMPONENTS

- A. General
 - 1. All aluminum frame and vent extrusions shall have a minimum wall thickness of .080" (2 mm). Frame sill members shall have a minimum wall thickness of .094" (2.3 mm).
 - 2. Mechanical fasteners, welded components, and hardware items shall not bridge thermal barriers.
 - 3. Depth of frame shall not be less than 3 7/8" (98 mm).
- B. Frame
 - 1. Frame components shall be mechanically fastened.
- C. Sash
 - 1. All sash extrusions shall have a minimum wall thickness of .080" (2 mm).
 - 2. All horizontal sash extrusions shall be tubular.
 - 3. Corner connections shall be mechanically fastened.
- D. Glazing: As specified in Section 08 8000.
- E. Fasteners: Stainless steel.
- F. Glazing Materials: As specified in Section 08 8000.
- G. Sealant for Setting Sills and Sill Flashing: Non-curing butyl type.
- H. Sealant and Backing Materials: As specified in Section 07 9005.

2.04 MATERIALS

- A. Aluminum
 - 1. Extruded aluminum shall be 6063-T6 alloy and tempered.
- B. Glass
- C. Window manufacturer to furnish and install Sealed Insulated - Low "E" glazing units in compliance with ASTM E-744. U-Factor lower than 0.60 and with a SHGC less than 0.40.
- D. Glazing tint Colors: As selected from manufacturer's full range of colors

- E. Thermal Barrier
 - 1. All exterior aluminum shall be separated from interior aluminum by a rigid, structural thermal barrier. For purposes of this specification, a structural thermal barrier is defined as a system that shall transfer shear during bending and, therefore, promote composite action between the exterior and interior extrusions.
 - 2. Sills are thermally broken with thermal struts, consisting of glass reinforced polyamide nylon, mechanically crimped in raceways extruded in the exterior and interior extrusions. All other frames and sash are thermally broken using the latest technology in two-part, high-density polyurethane. A nonstructural thermal barrier is unacceptable.

2.06 FINISHES

- A. Class I Natural Anodized Finish: AAMA 611 AA-M12C22A41 Clear anodic coating not less than 0.7 mils thick.
- B. Apply one coat of bituminous coating to concealed aluminum and steel surfaces in contact with dissimilar materials.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that wall openings and adjoining air and vapor seal materials are ready to receive aluminum windows.

3.02 INSTALLATION

- A. Install windows in accordance with manufacturer's instructions.
- B. Install window assembly in accordance with AAMA/WDMA/CSA 101/I.S.2/A440.
- C. Attach window frame and shims to perimeter opening to accommodate construction tolerances and other irregularities.
- D. Align window plumb and level, free of warp or twist. Maintain dimensional tolerances and alignment with adjacent work.
- E. Install sill and sill end angles.
- F. Set sill members and sill flashing in continuous bead of sealant.
- G. Provide thermal isolation where components penetrate or disrupt building insulation. Pack fibrous insulation in shim spaces at perimeter of assembly to maintain continuity of thermal barrier.
- H. Coordinate attachment and seal of perimeter air barrier and vapor retarder materials.
- I. Install operating hardware not pre-installed by manufacturer. Install glass and infill panels in accordance with requirements specified in Section 088000.
- J. Install perimeter sealant in accordance with requirements specified in Section 079005.

3.03 TOLERANCES

- A. Maximum Variation from Level or Plumb: 1/16 inches every 3 ft non-cumulative or 1/8 inches per 10 ft, whichever is less.

3.04 FIELD QUALITY CONTROL

- A. Provide services of aluminum window manufacturer's field representative to observe for proper installation of system and submit report.

3.05 FIELD QUALITY CONTROL

- A. Test installed windows for compliance with performance requirements for water penetration, in accordance with ASTM E1105 using uniform pressure and the same pressure difference as specified for laboratory testing.
- B. If any window fails, test additional windows at Contractor's expense.

- C. Replace windows that have failed field testing and retest until performance is satisfactory.

3.06 CLEANING

- A. Remove protective material from factory finished aluminum surfaces.
- B. Wash surfaces by method recommended and acceptable to window manufacturer; rinse and wipe surfaces clean.
- C. Upon completion of installation, thoroughly clean aluminum surfaces in accordance with AAMA 609 & 610.
- D. Remove excess glazing sealant by moderate use of mineral spirits or other solvent acceptable to sealant and window manufacturer.

END OF SECTION

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SECTION 08 8000

GLAZING

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Glass and glazing materials for windows, and doors.
- B. Laminated glass for exterior hollow metal doors and frames.
- B. Glazing compounds and accessories.

1.2 RELATED SECTIONS

- A. Section 07 9200 - Joint Sealers: Sealant and back-up material.

1.3 REFERENCES

- A. 16 CFR 1201 – Safety Standard for Architectural Glazing Materials, current edition.
- B. ASTM C 1036 - Standard Specification for Flat Glass; current edition.
- C. ASTM C 1048 - Standard Specification for Heat-Treated Flat Glass--Kind HS, Kind FT Coated and Uncoated Glass; current edition.
- D. ASTM C1172 – Standard Specification for Laminated Architectural Flat Glass, current edition
- E. ASTM C 1193 - Standard Guide for Use of Joint Sealants; current edition.
- F. ASTM E 1300 - Standard Practice for Determining Load Resistance of Glass in Buildings; current edition.
- G. GANA (GM) - GANA Glazing Manual; Glass Association of North America; current edition.
- H. GANA (SM) - FGMA Sealant Manual; Glass Association of North America; current edition.

1.4 PERFORMANCE REQUIREMENTS

- A. Provide impact resistant glass and glazing materials for continuity of building enclosure vapor retarder and air barrier:
 - 1. In conjunction with materials described in Section 07 9200.
 - 2. To utilize the inner pane of multiple pane sealed units for the continuity of the air barrier and vapor retarder seal.
 - 3. To maintain a continuous air barrier and vapor retarder throughout the glazed assembly from glass pane to heel bead of glazing sealant.
- B. Select type and thickness of exterior glass to withstand dead loads and wind loads acting normal to plane of glass at design pressures calculated in accordance with applicable code.
 - 1. Use the procedure specified in ASTM E 1300 to determine glass type and thickness.
 - 2. Limit glass deflection to 1/200 or flexure limit of glass, whichever is less, with full recovery of glazing materials.
 - 3. Thicknesses listed are minimum.

1.5 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data on Glass Types: Provide structural, physical and environmental characteristics, size limitations, and special handling or installation requirements.
- C. Product Data on Glazing Compounds: Provide chemical, functional, and environmental characteristics, limitations, special application requirements. Identify available colors.
- D. Samples of each glass type indicating color and tint properties, for Architect approval.
- E. Manufacturer's Certificate: Certify that glass meets or exceeds specified requirements.

1.6 QUALITY ASSURANCE

- A. Perform Work in accordance with GANA Glazing Manual and FGMA Sealant Manual for glazing installation methods.
- B. Installer Qualifications: Company specializing in performing the work of this section with minimum five years documented experience.

1.7 ENVIRONMENTAL REQUIREMENTS

- A. Do not install glazing when ambient temperature is less than 50 degrees F.
- B. Maintain minimum ambient temperature before, during and 24 hours after installation of glazing compounds.

1.8 WARRANTY

- A. See Division 1 sections for additional warranty requirements.
- B. Provide a five (5) year warranty to include coverage for sealed glass units from seal failure, interpane dusting or misting, and replacement of same.
- C. Provide a five (5) year warranty to include coverage for delamination of laminated glass and replacement of same.
- D. The Warranties submitted under this Section shall not deprive the Owner of other rights or remedies that the Owner may have under other provisions of the Contract Documents and the laws of governing jurisdictions and is in addition to and runs concurrently with other warranties made by the Contractor under requirements of the Contract Documents.

PART 2 PRODUCTS

2.1 SEALED INSULATING GLASS MATERIALS

- A. Acceptable Manufacturers:
 - 1. Basis of Design: PPG Industries, Inc, “Starphire”: www.afgglass.com.
 - 5. Substitutions permitted under provisions of Section 01 6000 – Product Requirements.

2.2 SEALED INSULATING VISION GLASS

- A. Applications: Exterior glazing unless otherwise indicated.
- B. Space between lites filled with air.
- C. 1” Double insulated glazing system (1/4” low-E tinted tempered glass, 1/2” airspace, 1/4” clear tempered glass), color as selected by Architect.
- E. Glass Performance Requirements (minimum)
 - 1. Winter Night-time U-value: 0.29
 - 2. Summer Day-time U-value: 0.27
 - 3. Visible Light Reflectance: 11%
 - 4. Shading Coefficient: 0.45
 - 5. Visible Light Transmittance: 70%
 - 6. Total Solar Energy Transmittance: 34%
 - 7. Total Solar Energy Reflectance: 28%
 - 8. Ultra-violet Light Transmittance: 18%
 - 9. Solar Heat Gain Coefficient: .39
 - 10. Light to Solar Gain: 1.79

2.3 LAMINATED GLASS

- A. Manufacturers
 - 1. Cardinal Glass Industries: www.cardinalcorp.com
 - 2. Viracon, Architectural Glass segment of Apogee Enterprises: www.viracon.com
 - 3. Tecnoglass: www.tecnoglass.com

4. Substitutions: See Section 01 6000 Product Requirements.
- B. Laminated Glass: Float glass laminated in accordance with ASTM C1172.
 1. Laminated Safety Glass: Complies with ANSI Z97.1 – Class B or 16 CFR 1201 Category I impact test requirements.
 2. Polyvinyl Butyral (PVB) Interlayer: 0.030 inch thick, minimum.
 3. Ionoplast Interlayer 0.035 inch thick, minimum.
 4. Unit Thickness: 1/2" minimum.
 5. Provide laminated glass for exterior hollow metal doors and frames.

2.4 GLAZING MATERIALS

- A. Manufacturers:
 1. Norton Performance Plastics Corp.
 2. Pecora Corporation: www.pecora.com.
 3. Tremco, Inc: www.tremcosealants.com.
 4. Substitutions permitted under provisions of Section 01 6000 – Product Requirements.
- B. Provide types for applicable setting method specified in GANA Glazing Manual and FGMA Sealant Manual except as specified otherwise. Do not use metal sash putty, non-skinning compounds, non-resilient preformed sealers or impregnated preformed gaskets.
- C. Materials Exposed to View and Unpainted: Black.
- D. Accessories: As required for complete installation. Include glazing points, clips, shims, angles, beads, gaskets and spacers. Provide primer-sealers and cleaners as recommended by glass and sealant manufacturer.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that openings for glazing are correctly sized and within tolerance.
- B. Verify that surfaces of glazing channels or recesses are clean, free of obstructions that may impede moisture movement, weeps are clear, and ready to receive glazing.

3.2 PREPARATION

- A. Clean contact surfaces with solvent and wipe dry.
- B. Seal porous glazing channels or recesses with substrate compatible primer or sealer.
- C. Prime surfaces scheduled to receive sealant.
- D. Install sealants in accordance with ASTM C 1193 and FGMA Sealant Manual.
- E. Install sealant in accordance with manufacturer's instructions.

3.3 INSTALLATION

- A. Install glass in accordance with recommendations and procedures in GANA Glazing Manual and FGMA Sealant Manual.
- B. Install glass in accordance with storefront frame manufacturer recommendations and instructions.
- C. Install glass with lines or waves horizontal.

3.4 CLEANING

- A. Remove glazing materials from finish surfaces.
- B. Remove labels after Work is complete.
- C. Clean glass and adjacent surfaces.

3.05 PROTECTION OF FINISHED WORK

- A. After installation, mark pane with an 'X' by using removable plastic tape or paste; do not mark heat absorbing or reflective glass units.

END OF SECTION



JC DIVERSION CENTER RENOVATION

3890 FM3514, BEAUMONT, TX 77705

	B/A PROJ. #	23141
05/02/2024		SCHMATIC DESIGN
06/14/2024		DESIGN DEVELOPMENT
08/23/2024		90% CONSTRUCTION DOCUMENTS
09/23/2024		100% CONSTRUCTION DOCUMENTS
11/01/2024		ADDENDUM # 01



100% CONSTRUCTION DOCUMENTS ADDENDUM #01

PROJECT TEAM:

ARCHITECT _____	BRAVE / ARCHITECTURE
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STRUCTURAL _____	DALLY + ASSOCIATES
MEP _____	ASEI ENGINEERING
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JEFFERSON COUNTY DIVERSION CENTER RENOVATION

3890 FM 3514, BEAUMONT, TX 77705

B/A Project No.: 23141



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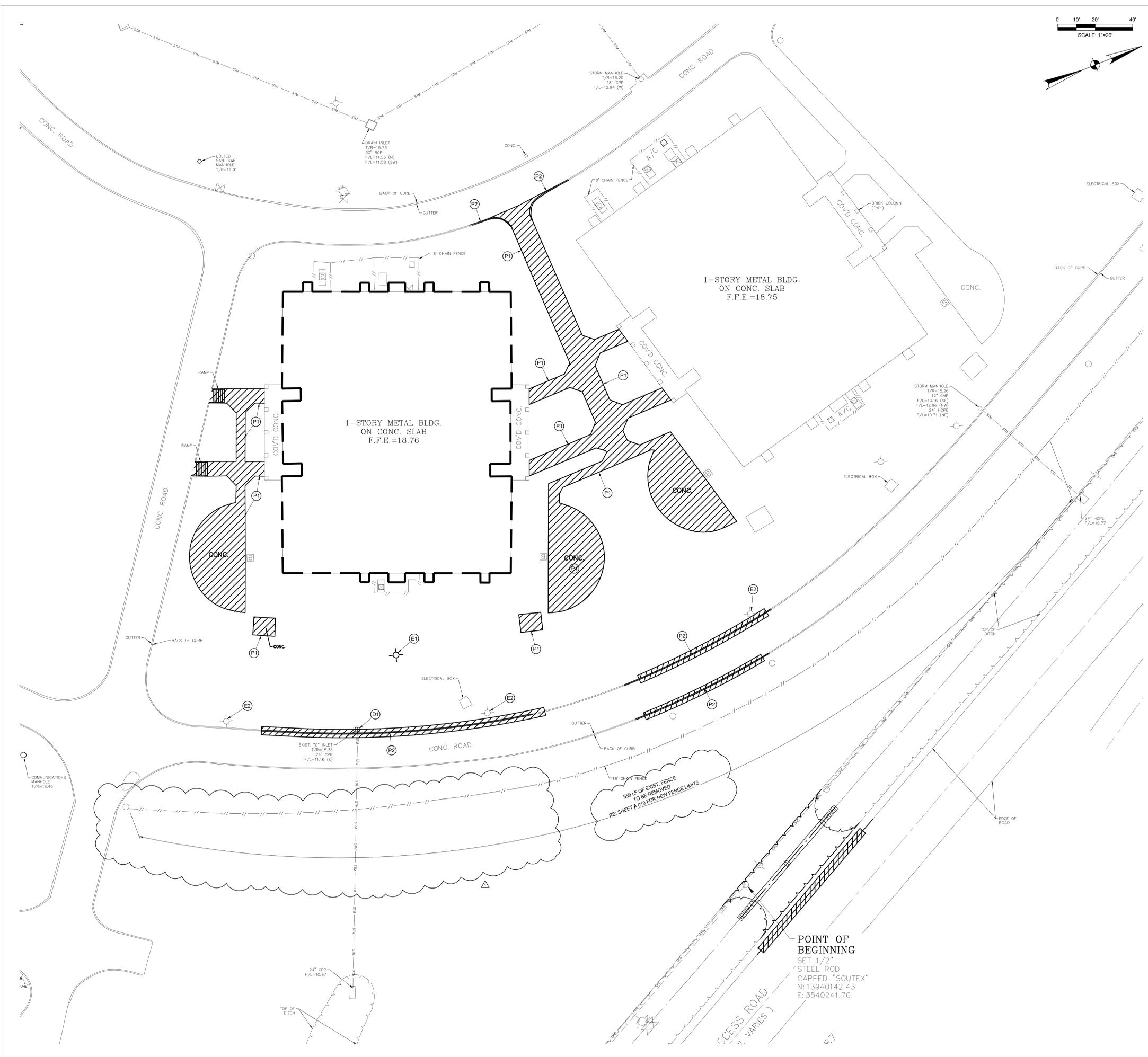


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05/02/2024 SCHEMATIC DESIGN
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09/23/2024 ISSUE FOR BID & PERMIT
10/30/2024 ADDENDUM 1

DEMOLITION PLAN

Scale: AS NOTED

C1.00



LEGEND

- PROPOSED BUILDING RENOVATION
- SAWCUT
- REMOVE AND DISPOSE OF CONCRETE PAVING, CONCRETE CURB AND CONCRETE SIDEWALK

DEMOLITION NOTES TO CONTRACTOR:

1. THE CONTRACTOR AND OWNER SHALL COORDINATE WITH UTILITY SERVICE PROVIDERS FOR TERMINATION OF POWER AND GAS SERVICES TO THE SITE OR NEW SERVICES. THIS WORK SHALL BE PERFORMED BY THE UTILITY SERVICE PROVIDER AND SHALL BE SCHEDULED AS ONE OF THE FIRST ITEMS OF BUSINESS.
2. ALL SITE FEATURES NOT IDENTIFIED TO BE DEMOLISHED ARE TO REMAIN AND SHALL BE PROTECTED-IN-PLACE.
3. ALL ITEMS DESIGNATED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
4. CONTRACTOR TO FOLLOW ALL RECOMMENDED SAFETY AND DISPOSAL PROCEDURES INCLUDING BUT NOT LIMITED TO EPA, TCEQ & OSHA.
5. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEBRIS OFFSITE.
6. BACKFILL ALL VOIDS FROM REMOVED ITEMS WITH STRUCTURAL FILL MATERIAL PLACED AND COMPACTED PER GEOTECHNICAL REPORT.
7. WHEN EXISTING SIDEWALK IS CLOSED FOR CONSTRUCTION, CONTRACTOR SHALL BARRIADGE THAT AREA AND PROVIDE SAFE ALTERNATE PATH FOR PEDESTRIANS WITH PROPER SIGNAGE.
8. ALL TRAFFIC SIGNAGE WITHIN THE ROW SHALL BE PROTECTED IN PLACE AT ALL TIMES. ANY DAMAGE TO THESE DEVICES SHALL BE REPAIRED IMMEDIATELY.
9. CONTRACTOR SHALL REPAIR ANY ITEMS DAMAGED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POSITIVE DRAINAGE ON SITE DURING ALL CONSTRUCTION ACTIVITIES.
11. THE CONTRACTOR SHALL ENTER AND EXIT THE SITE THROUGH EXISTING DRIVEWAY.
12. CONTRACTOR SHALL NOTE ALL UTILITY PLUG LOCATIONS ON FIELD RECORD DRAWINGS.

SAWCUT NOTES:

1. SAWCUT 2" MINIMUM DEPTH, EXPOSE AND CLEAN EXISTING REINFORCING STEEL.
2. IF NO REINFORCING STEEL EXISTS, #5 HORIZONTAL DOWELS, 24" LONG, GRADE 60, SHALL BE DRILLED AND EMBEDDED 12" INTO THE CENTER OF EXISTING CONCRETE WITH EPOXY.
3. ALL REINFORCING STEEL SHALL BE PLACED 3" CLEAR (2" ABSOLUTE MINIMUM) FROM EDGE OF CONCRETE.

PAVING DEMOLITION KEY NOTES:

- (P1) EXISTING CONCRETE PAVEMENT TO BE REMOVED.
- (P2) EXISTING CONCRETE CURB TO BE REMOVED.

ELECTRICAL DEMOLITION KEY NOTES:

NOTE: ALL ELECTRICAL ITEMS TO BE CUT, PLUGGED OR REMOVED SHALL BE COORDINATED WITH SERVICE PROVIDER AND MEP.

- (E1) EXISTING LIGHT POLE TO BE REMOVED.
- (E2) EXISTING LIGHT POLE TO REMAIN.

DRAINAGE DEMOLITION KEY NOTES:

- (D1) EXISTING TYPE "C" INLET TO BE REMOVED.

559 LF OF EXIST. FENCE TO BE REMOVED RE: SHEET A/D IN FOR NEW FENCE LIMITS

POINT OF BEGINNING
SET 1/2"
STEEL ROD
CAPPED "SOUTEX"
N: 13940142.43
E: 3540241.70



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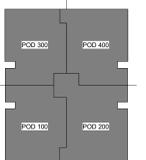
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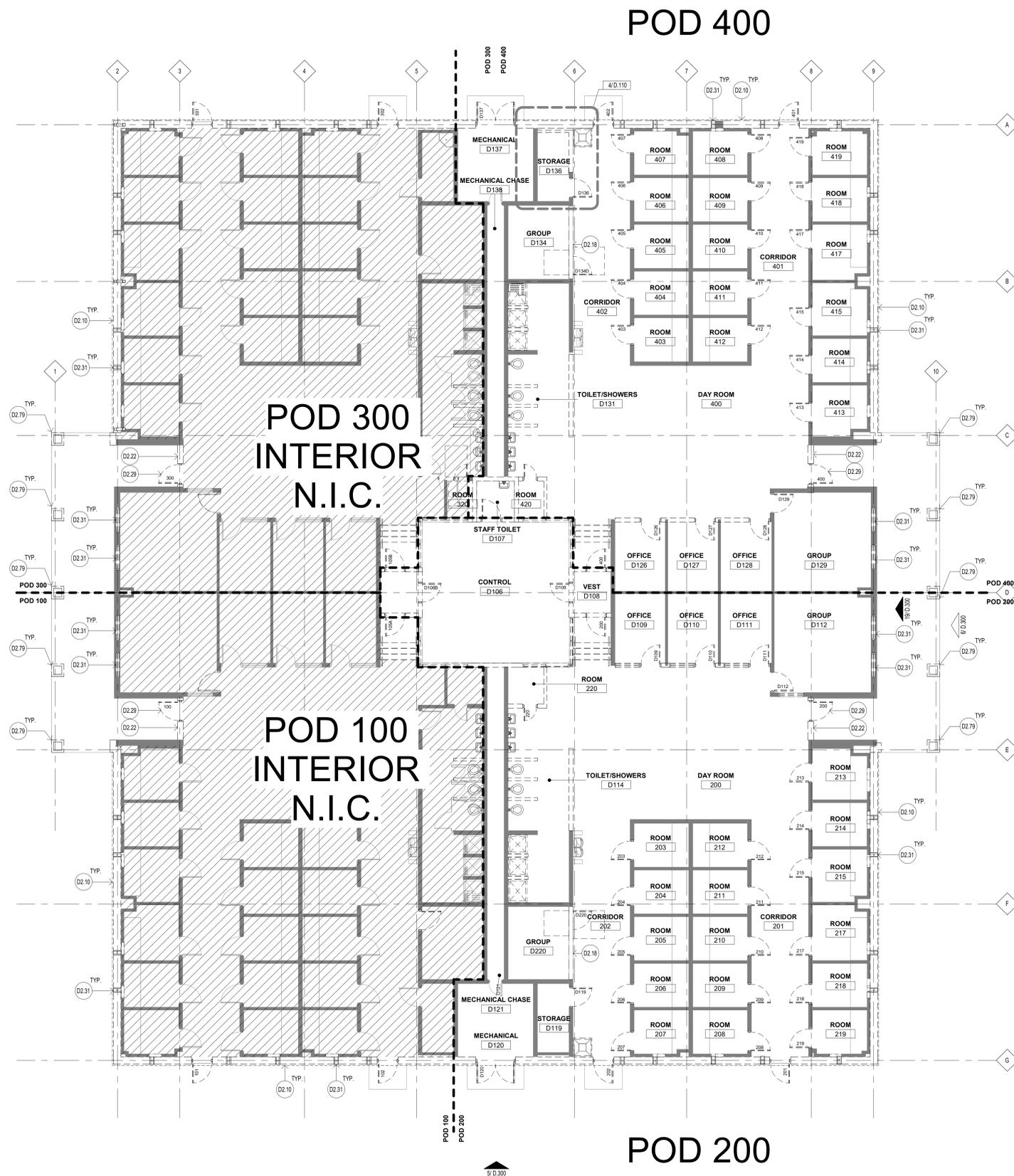
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DEMOLITION - OVERALL
FLOOR PLAN

Scale: AS NOTED

D.101



- D2.10 Remove metal wall panels and metal stud walls, structure to remain
- D2.18 Remove wall, door and window in this area to receive new hollow metal frame and door. Re: proposed floor plans.
- D2.22 Remove wall finishes, patch and prepare surface for new construction
- D2.29 Remove door and frame, patch and prepare surface for new construction
- D2.31 Remove window and frame, prepare for new windows, refer to floor plans for opening size
- D2.79 Remove column surround. Structure to remain.

MODIFIED DEMOLITION SCOPE OF WORK

Mold Remediation demolition scope has been modified, so Demolition required by GC has been reduced. Listed below are items allocated to demolition vs Remediation GC. Sheet notes on D.101, D.110, D.111, D.121 and D.125 revised.

Mold Remediation Demolition scope of work (Not in Contract)

- a) All interior Doors from hinges down will be removed.
- b) All exterior doors and frames will be cleaned wiped down, no demolition.
- c) All CMU wall and interior dry wall with mold will be wiped down, no demolition.
- d) All types of ceilings in POD 300 and 400 and all ceiling mounted lighting fixtures to be demolished.
- e) Raised floor, strips, walls, windows, ceiling grid and ceiling tiles at Control Room to be demolished.
- f) Existing mechanical ductwork and existing smoke purge system to be demolished.

Renovation GC Demolition scope of work (in Contract)

- a) All interior Door Frames to be demolished as shown in the drawings.
- b) All exterior doors and frames to be demolished as shown in the drawings.
- c) All CMU wall and interior dry wall to be demolished as shown in the drawings.
- d) Existing overhead removed by renovation contractor may leave holes in the wall of the mechanical room/mezzanine floor or other spaces that needs to be patched and repaired.
- e) Exterior soffits at entry canopy and exterior walls to be demolished as show in the drawings.
- f) Existing roof patching at roofed locations to be repaired and patched as noted in the drawings.

KEYNOTES 2

- NOT IN SCOPE
- EXISTING TO REMAIN
- EXISTING TO BE DEMOLISHED

- NOTES:
1. ALL UNIT DOORS TO BE REPLACED.
 2. REF. D.110 FOR TYPICAL DEMOLITION NOTES FOR ALL PODS, U.N.O.



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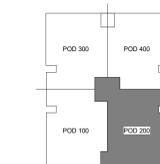
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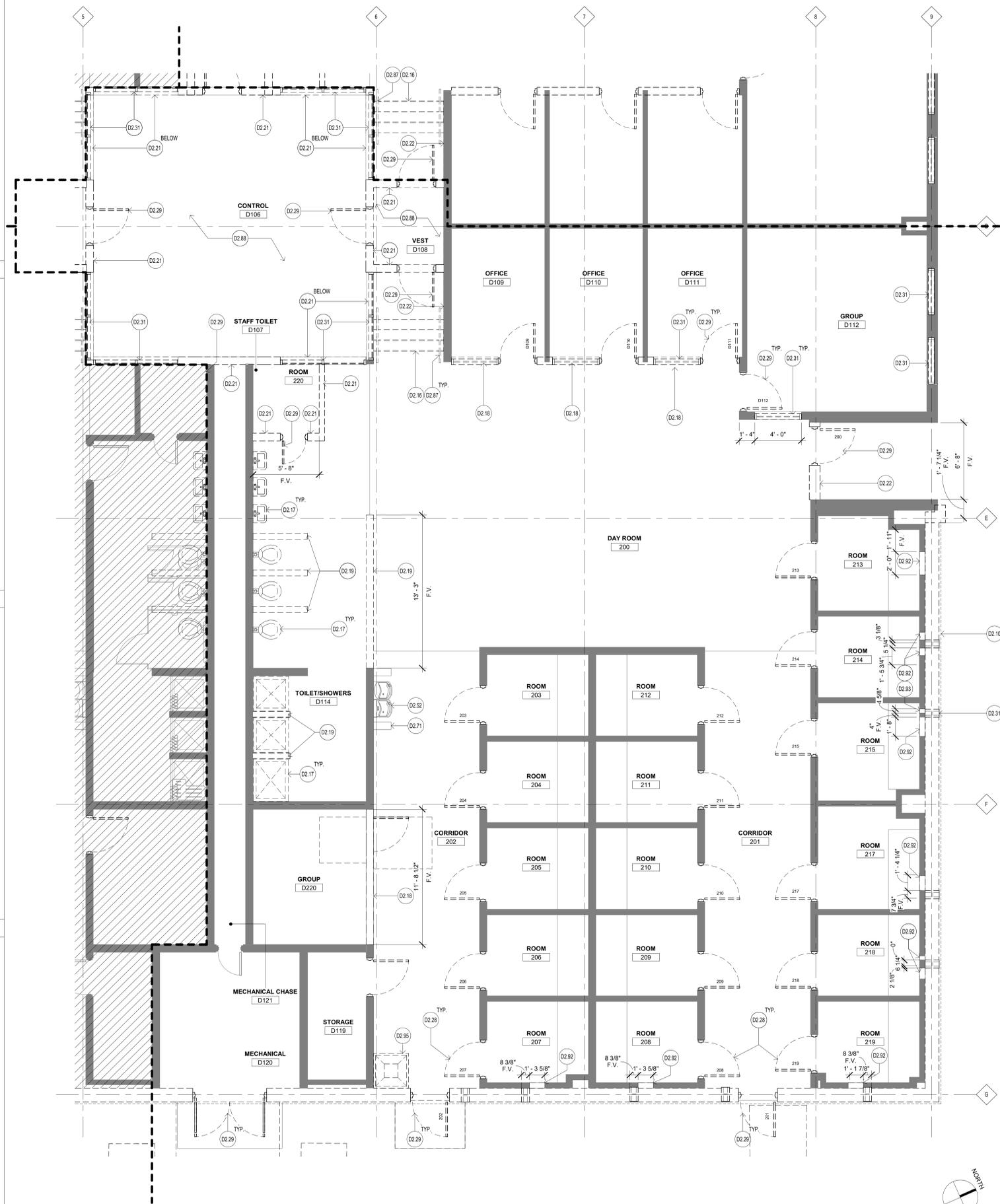
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DEMOLITION - ENLARGED FLOOR PLAN POD 200

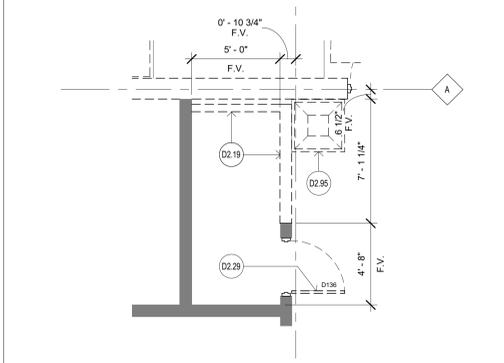
Scale: AS NOTED

D.110



ENLARGED DEMOLITION FLOOR PLAN - POD B

1/4" = 1'-0" 5



ENLARGED FLOOR PLAN - D136 1/4" = 1'-0" 4

MODIFIED DEMOLITION SCOPE OF WORK
Mold Remediation demolition scope has been modified, so Demolition required by GC has been reduced. Listed below are items allocated to remediation vs Renovation GC.
Sheet notes on D101, D110, D111, D121 and D125 revised.
Mold Remediation Demolition scope of work (Not in Contract)
a) All Interior Doors from hinges down will be removed.
b) All exterior doors and frames will be cleaned wiped down, no demolition.
c) All CMU wall and interior dry wall with mold will be wiped down, no demolition.
d) All types of ceilings in POD 200 and 400 and all ceiling mounted lighting fixtures to be demolished.
e) Paved floor, steps, walls, windows, ceiling grid and ceiling tiles at Control Room to be demolished.
f) Existing mechanical ductwork and existing smoke purge system to be demolished.
Renovation GC Demolition scope of work (in Contract)
a) All Interior Door Frames to be demolished as shown in the drawings.
b) All exterior doors and frames to be demolished as shown in the drawings.
c) All CMU wall and interior dry wall to be demolished as shown in the drawings.
d) Existing ductwork removal by remediation contractor may leave holes in the wall of the mechanical room/mezzanine floor or other spaces that needs to be patched and repaired.
e) Exterior soffit at entry canopy and exterior walls to be demolished as show in the drawings.
f) Existing roof patching at rafter locations to be repaired and patched as noted in the drawings.

- D2.10 Remove metal wall panels and metal stud walls, structure to remain
- D2.16 Remove stair, patch and prepare surfaces for new floor finishes
- D2.17 Remove plumbing fixtures as noted
- D2.18 Remove wall, door and windows in this area to receive new hollow metal frame and door. Re: proposed floor plans.
- D2.19 Demo wall base, wall finish and wall where indicated, prepare for new construction
- D2.21 Remove wall, wall base, and floor finishes
- D2.22 Remove wall finishes, patch and prepare surface for new construction
- D2.28 Remove door
- D2.29 Remove door and frame, patch and prepare surface for new construction
- D2.31 Remove window and frame, prepare for new windows, refer to floor plans for opening size
- D2.52 Remove drinking fountain, prepare surface for new construction Re: MEP
- D2.71 Existing wall to remain
- D2.87 Remove railing, patch and prepare surface for new construction
- D2.88 Remove floor finishes, platform and platform structure, patch and prepare surface for new floor finishes
- D2.92 Remove interior CMU wall to receive new Window for new construction
- D2.93 Infill interior CMU wall to receive new Window for new construction
- D2.95 Remove mop sink, cap and remove plumbing fixture and drain, patch and prepare surface for new construction

ENLARGED PLAN NOTES:
1. POD - 200 AS SHOWN ON THIS PLAN
2. POD - 400 IDENTICAL TO THIS PLAN UNO.

KEYNOTES 2

- NOT IN SCOPE
- EXISTING TO REMAIN
- EXISTING TO BE DEMOLISHED

NOTES:
1. TYPICAL DEMOLITION NOTES AT ALL PODS, U.N.O.
2. ALL UNIT DOORS TO BE REPLACED WITH TYPE 1, REFERENCE A.820
3. DEMO ON POD 400 IDENTICAL TO POD 200, U.N.O.

GENERAL NOTES 1

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		DEMO IMAGES - EXTERIOR ENTRY 2	12	DEMO IMAGES - STAFF TOILET	8	DEMO IMAGES - CONTROL ROOM	4		
		DEMO IMAGES - EXTERIOR ENTRY	11	DEMO IMAGES - WASHER/DRYER	7	DEMO IMAGES - PLATFORM STAIRS	3		
							<p>D2.08 Remove concrete walk as indicated D2.10 Remove metal wall panels and metal stud walls, structure to remain D2.16 Remove stair, patch and prepare surfaces for new floor finishes D2.17 Remove plumbing fixture as noted D2.22 Remove wall finishes, patch and prepare surface for new construction D2.23 Remove wall base finishes, patch and prepare surface for new construction D2.25 Remove flooring D2.26 Remove floor finishes, patch and prepare surface for new construction D2.29 Remove door and frame, patch and prepare surface for new construction D2.31 Remove window and frame, prepare for new windows, refer to floor plans for opening size D2.34 Remove, protect, prepare for replacement tubular daylighting device D2.37 Remove millwork D2.42 Remove ceiling ties and grid system D2.43 Replace damaged ceiling ties to match existing D2.44 Remove gypsum board ceiling and support system D2.45 Remove light fixture D2.47 Remove mop sink D2.55 Remove restroom accessories D2.71 Existing wall to remain D2.73 Existing window to remain, reseal window and glazing D2.84 Remove security cameras D2.85 Remove metal soffit and sides. Patch and prepare surface for new construction D2.88 Remove floor finishes, platform and platform structure; patch and prepare surface for new floor finishes</p> <p>Ownership of Instruments of Service All reports, plans, specifications, computer files, field data, notes & other documents and instruments prepared by BRAVE / ARCHITECTURE, or instruments of service that remain the property of BRAVE / ARCHITECTURE, BRAVE / ARCHITECTURE shall retain all common law, statutory and other reserved rights, including the copyright therein.</p> <p>SEAL:</p>		
		DEMO IMAGES - GROUP ROOM	14	DEMO IMAGES - EXTERIOR	10	DEMO IMAGES - TOILET/SHOWERS	6	KEYNOTES	2
							<p>10/30/2024</p> <p>FILE: DRAWN BY: CHECKED BY: ISSUE:</p> <p>05/02/2024 SCHEMATIC DESIGN 06/14/2024 DESIGN DEVELOPMENT 08/23/2024 90% CONSTRUCTION DOCUMENTS 09/23/2024 100% CONSTRUCTION DOCUMENTS 11/01/2024 ADDENDUM # 01</p> <p>11/01/2024</p> <p>DEMOLITION - INTERIOR PHOTOS</p> <p>Scale: AS NOTED</p> <p>D.111</p>		
		DEMO IMAGES - SLEEPING UNIT	13	DEMO IMAGES - CORRIDOR 2	9	DEMO IMAGES - CORRIDOR	5	LEGEND	1

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- c) All CMU wall and interior dry wall with mold will be wiped down, no demolition.
- d) All types of ceilings in POD 200 and 400 and all ceiling mounted lighting fixtures to be demolished.
- e) Raised floor, steps, walls, windows, ceiling grid and ceiling ties at Control Room to be demolished.
- f) Existing mechanical ductwork and existing smoke purge system to be demolished.

Renovation GC Demolition scope of work (in Contract)

- a) All Interior Door Frames to be demolished as shown in the drawings.
- b) All exterior doors and frames to be demolished as shown in the drawings.
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- d) Existing ductwork removal by remediation contractor may leave holes in the wall of the mechanical room/mezzanine floor or other spaces that needs to be patched and repaired.
- e) Exterior soffit at entry canopy and exterior walls to be demolished as shown in the drawings.
- f) Existing roof purling at rafter locations to be repaired and patched as noted in the drawings.

NOTES:
1. REFER TO DEMOLITION PLANS FOR MORE INFORMATION.

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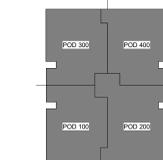
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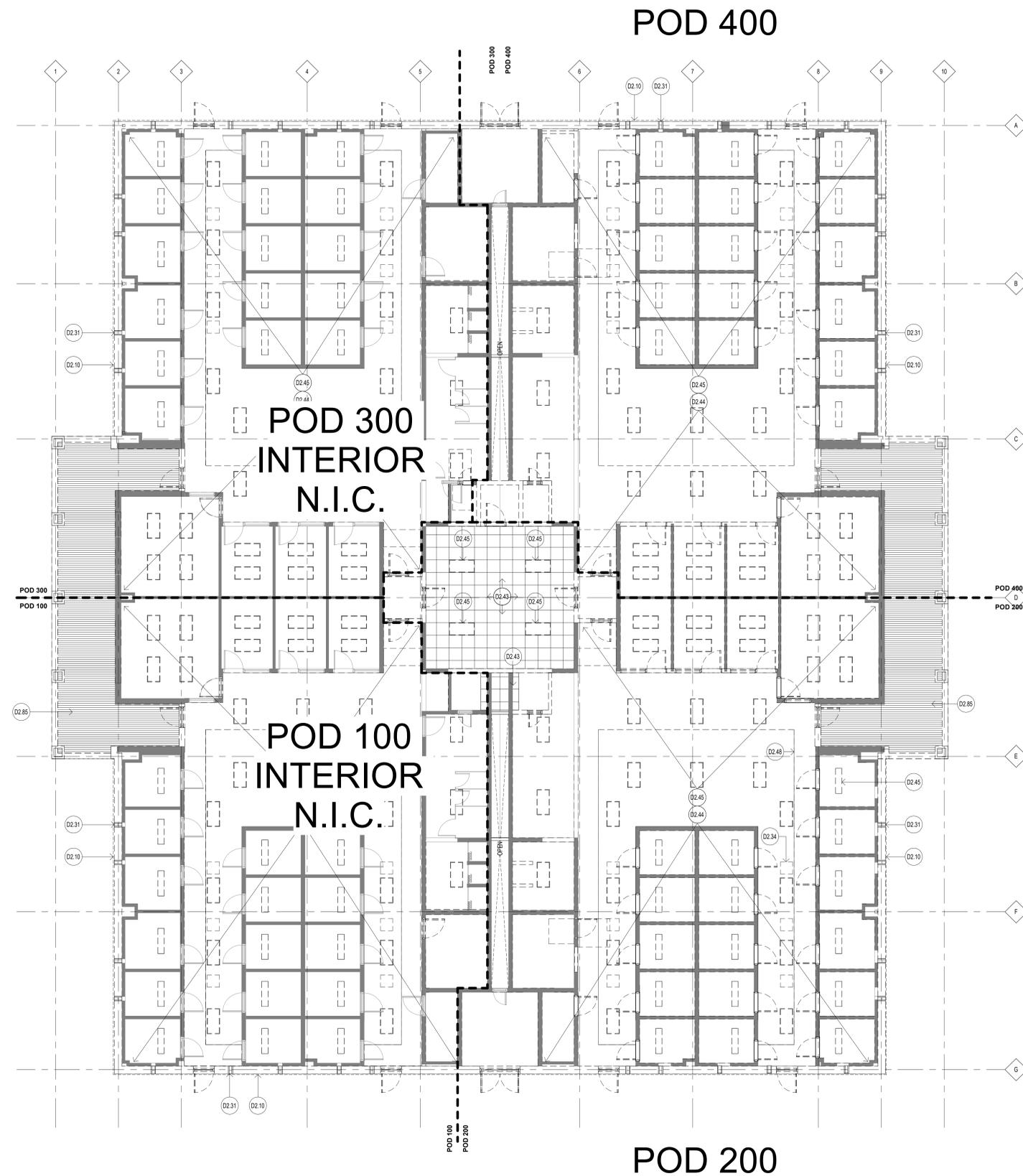
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DEMOLITION - OVERALL
REFLECTED CEILING PLAN

Scale: AS NOTED



- D2.10 Remove metal wall panels and metal stud walls, structure to remain
- D2.31 Remove window and frame, prepare for new windows, refer to floor plans for opening size
- D2.34 Remove, protect, prepare for replacement tubular daylighting device
- D2.43 Replace damaged ceiling tiles to match existing
- D2.44 Remove gypsum board ceiling and support system
- D2.45 Remove light fixture
- D2.48 Remove fur-out to structure
- D2.85 Remove metal soffit and sides. Patch and prepare surface for new construction

KEYNOTES

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b) All exterior doors and frames will be cleaned wiped down, no demolition.
c) All CMU wall and interior dry wall with mold will be wiped down, no demolition.
d) All types of ceilings in POD 200 and 400 and all ceiling mounted lighting fixtures to be demolished.
e) Raked floor, steps, walls, windows, ceiling grid and ceiling tiles at Control Room to be demolished.
f) Existing mechanical ductwork and existing smoke purge system to be demolished.
Renovation GC Demolition scope of work (in Contract)
a) All interior Door Frames to be demolished as shown in the drawings.
b) All exterior doors and frames to be demolished as shown in the drawings.
c) All CMU wall and interior dry wall to be demolished as shown in drawings.
d) Existing ductwork removal by remediation contractor may leave holes in the wall of the mechanical room/mezzanine floor or other spaces that needs to be patched and repaired.
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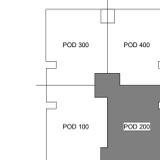
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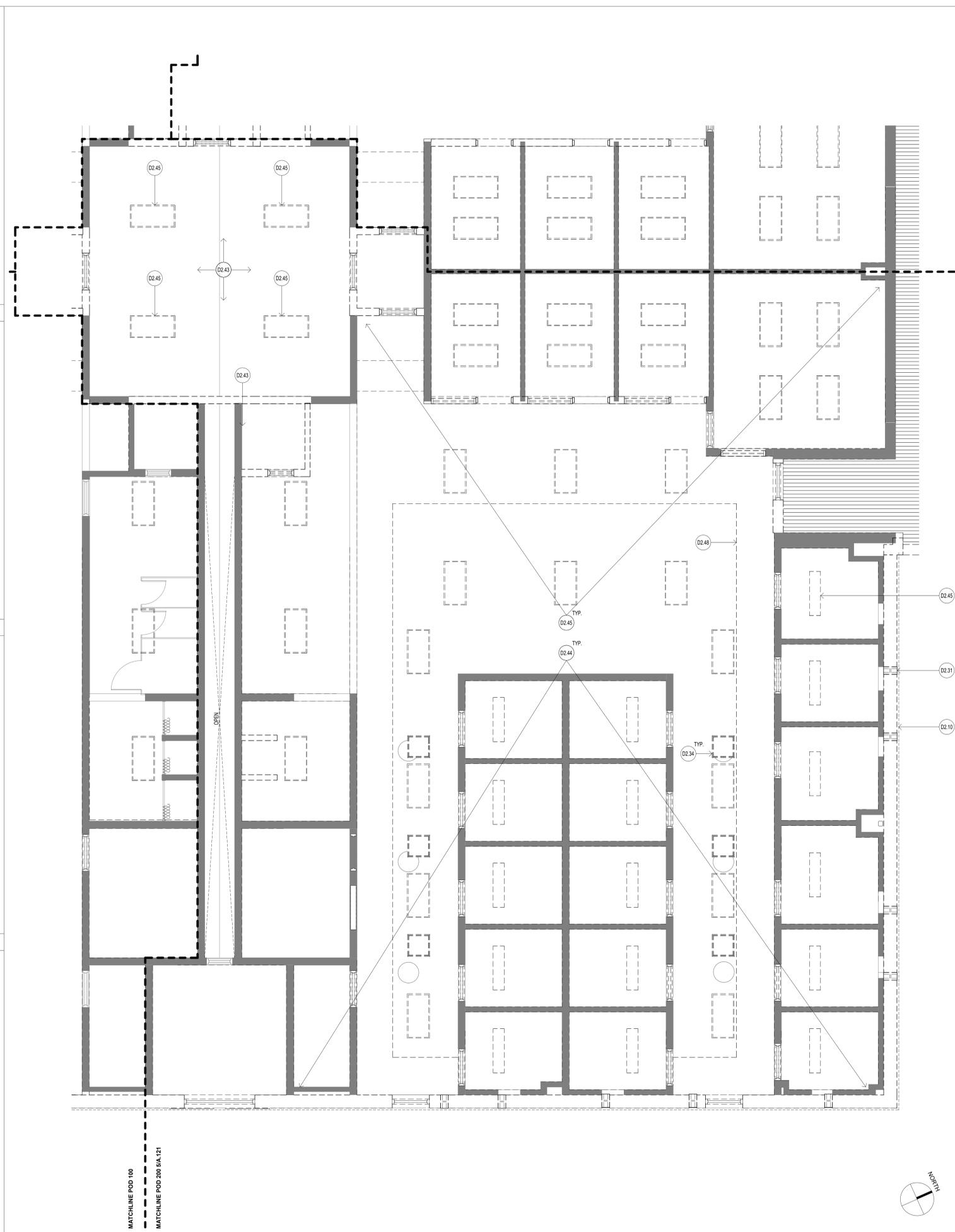
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11/01/2024 ADDENDUM # 01

DEMOLITION - ENLARGED
REFLECTED CEILING POD
200

Scale: AS NOTED

D.125



- D2.10 Remove metal wall panels and metal stud walls, structure to remain
- D2.31 Remove window and frame, prepare for new windows, refer to floor plans for opening size
- D2.34 Remove, protect, prepare for replacement tubular daylighting device
- D2.43 Replace damaged ceiling tiles to match existing
- D2.44 Remove gypsum board ceiling and support system
- D2.45 Remove light fixture
- D2.48 Remove fur-out to structure

KEYNOTES

MODIFIED DEMOLITION SCOPE OF WORK
Mold Remediation demolition scope has been modified, so Demolition required by GC has been reduced. Listed below are items allocated to remediation vs Renovation GC. Sheet note on D.101, D.110, D.111, D.121 and D.125 revised.
Mold Remediation Demolition scope of work (Not in Contract)
a) All interior Doors from hinges down will be removed.
b) All exterior doors and frames will be cleaned wiped down, no demolition.
c) All CMU wall and interior dry wall with mold will be wiped down, no demolition.
d) All types of ceilings in POD 200 and 400 and all ceiling mounted lighting fixtures to be demolished.
e) Raised floor, steps, walls, windows, ceiling grid and ceiling tiles at Control Room to be demolished.
f) Existing mechanical ductwork and existing smoke purge system to be demolished.
Renovation GC Demolition scope of work (in Contract)
a) All interior Door Frames to be demolished as shown in the drawings.
b) All exterior doors and frames to be demolished as shown in the drawings.
c) All CMU wall and interior dry wall to be demolished as shown in the drawings.
d) Existing ductwork removal by remediation contractor may leave holes in the wall of the mechanical room/mezzanine floor or other spaces that needs to be patched and repaired.
j) Exterior soffit at entry canopy and exterior walls to be demolished as show in the drawings.
k) Existing roof purling at rafter locations to be repaired and patched as noted in the drawings.

NOTES:
1. TYPICAL DEMOLITION NOTES AT ALL PODS. U.N.O.

OVERALL DEMOLITION REFLECTED CEILING PLAN

1/4" = 1'-0"

LEGEND



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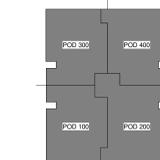
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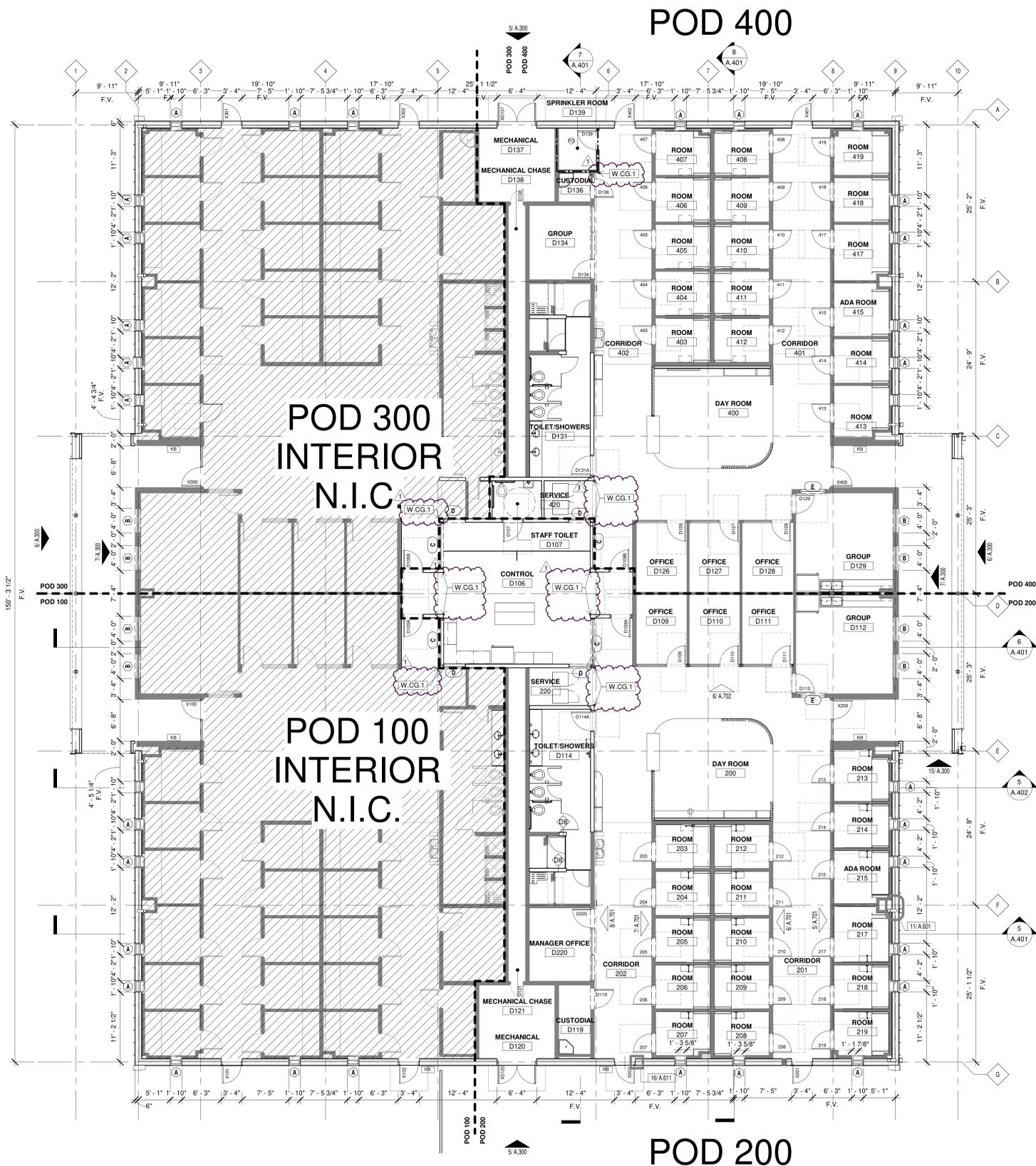
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OVERALL FLOOR PLAN

Scale: AS NOTED



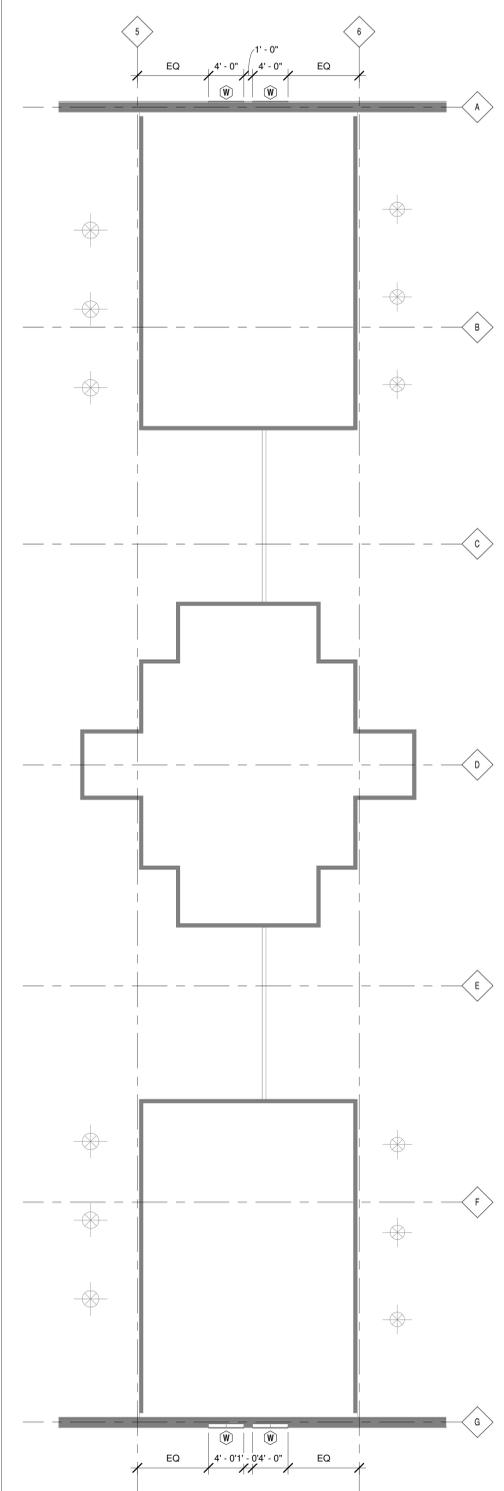
ROOF DRAIN NOTE:
1. ADD CONCRETE SPLASH BLOCK AT EVERY ROOF DRAIN. LOCATION TO BE ALIGNED WITH ROOF DRAIN NOZZLE. RE: ROOF PLAN FOR QUANTITY AND LOCATION

NOTES:
THE FOLLOWING INSULATION VALUES TO BE USED PER BC TABLE C402.1.3
ROOFS:
ABOVE DECK: R-5G
METAL BUILDINGS: R-19 - R-11 LS
WALLS ABOVE GRADE:
METAL BUILDINGS: R-13 - R-6.5G
METAL FRAMED: R-13 - R-5G

KEYNOTES 2

- NOT IN SCOPE
- EXISTING WALLS
- NEW CONSTRUCTION
- MATCH LINES

NOTES:
1. EXTERIOR WORK INCLUDES NEW WALL CONSTRUCTION, NEW WALL METAL PANELS, NEW RECOVERY ROOFING SYSTEM, NEW WINDOWS AND NEW EXTERIOR DOORS OF THE ENTIRE BUILDING.
2. INTERIOR BUILDING OUT INCLUDES UPGRADING INTERIOR WALL AND FINISHES OF POD 300 AND POD 400 INCLUDING CONTROL ROOM, ALL MECHANICAL SPACES AND MEZZANINE FLOOR.
3. SPRINKLER HEAD INSTALLATION AND RELATED WORK INCLUDED FOR ENTIRE BUILDING. PHASE I INCLUDES EXTERIOR.
4. REFERENCE A.110 FOR TYPICAL NEW CONSTRUCTION NOTES. U.N.O.
5. ALL DIMENSIONS TO BE FIELD VERIFIED



MECHANICAL MEZZANINE

1/8" = 1'-0" 17

OVERALL FIRST FLOOR PLAN

1/8" = 1'-0" 5

LEGEND

1



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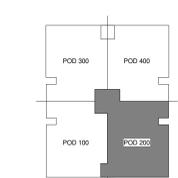
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ENLARGED REFLECTED CEILING PLAN - POD 200

Scale: AS NOTED



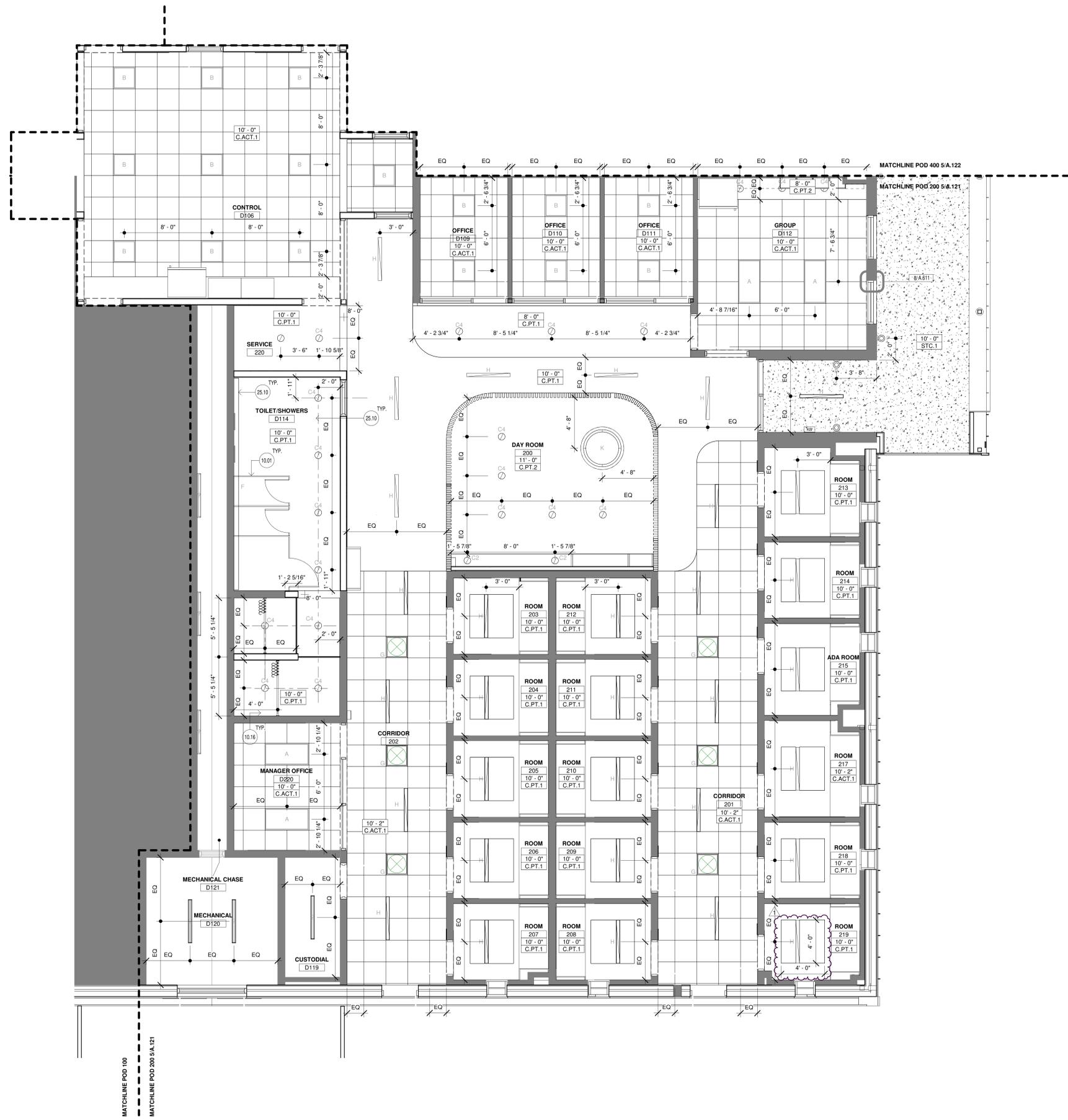
-  GYPSUM BOARD CEILING, RE: FINISH SCHEDULE
-  2X2 LAY-IN ACOUSTICAL TILE SUSPENDED CEILING SYSTEM, RE: FINISH SCHEDULE
-  TYPE A - 2X4 FLUORESCENT LIGHT FIXTURE, RE: ELECTRICAL
-  TYPE B - 2X6 FLUORESCENT LIGHT FIXTURE, RE: ELECTRICAL
-  TYPE C2 - RECESSED CAN LIGHT FIXTURE, RE: ELECTRICAL
-  TYPE C4 - RECESSED CAN LIGHT FIXTURE, RE: ELECTRICAL
-  TYPE D - RECESSED LINEAR LIGHT FIXTURE, RE: ELECTRICAL
-  TYPE E - READING LIGHT FIXTURE, SEE FLOOR PLAN FOR LOCATION, RE: ELECTRICAL
-  TYPE F - RECESSED LINEAR COVE LIGHT FIXTURE, RE: ELECTRICAL
-  TYPE G - TUBULAR DAYLIGHTING DEVICE FIXTURE, RE: ELECTRICAL
-  TYPE H - EXTERIOR WALL SCONCE LIGHT FIXTURE, RE: ELECTRICAL
-  TYPE K - ACOUSTICAL PENDANT LIGHT FIXTURE, RE: ELECTRICAL
-  TYPE P - OUTDOOR WALL SCONCE LIGHT FIXTURE, RE: ELECTRICAL
-  TYPE Q - OUTDOOR LINEAR LIGHT FIXTURE, RE: ELECTRICAL
-  TYPE R - OUTDOOR POLE LIGHT FIXTURE, SEE SITE PLAN FOR LOCATION, RE: ELECTRICAL

LEGEND 2

- 10.01 Toilet partition(s), re: Accessory schedule
- 10.16 Shower rod, curtain & hooks, re: Accessory schedule
- 25.10 Scheduled light fixture re: Electrical

ENLARGED PLAN NOTES:
1. POD - 200 AS SHOWN
2. POD - 400 IDENTICAL TO POD 200 UNO.

NOTES:
1. TYPICAL NEW CONSTRUCTION NOTES, U.N.O.





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FINISH SCHEDULE

Scale: AS NOTED

A.150

EXTERIOR FINISH SCHEDULE						
FINISH MARK	ITEM	MANUFACTURER	MANUFACTURER NUMBER	MANUFACTURER NAME	FINISH	COMMENTS
MP.1	METAL PANEL	MORIN		VARIES	BONE WHITE	MORIN PANELS MATRIX-3, MATRIX-4, AND MATRIX-10 TO BE USED. SEE 4/A.301 FOR PATTERN
MP.2	METAL PANEL	MCELROY METAL		Z88-T	CHARCOAL	Z88T WALL SYSTEM TO BE APPLIED TO ROOF AND WALLS. 24" WIDE PANELS
MP.3	METAL PANEL	MCELROY METAL		VISIONLINE F-SERIES	SURREY BEIGE	
STC.1	STUCCO				SMOOTH	3 LAYER PORTLAND CEMENT PLASTER, PAINTED. COLOR TO BE SELECTED BY ARCHITECT
PT.1	KYNAR FINISH				SMOOTH	COLUMN COVER - COLOR TO BE SELECTED BY ARCHITECT
PT.2	PAINT	SHERWIN WILLIAMS				ACCENT PAINT
WD.1	IPE WOOD	US LUMBER BROKERS				1 X 6 IPE PLANKS, STAIN GRADE. GC TO PROVIDE 3 STAIN SAMPLES

FINISH SCHEDULE - EXTERIOR

8

FINISH SCHEDULE						
FINISH MARK	ITEM	MANUFACTURER	MANUFACTURER NUMBER	MANUFACTURER NAME	FINISH	COMMENTS
FLOOR						
F.EP.1	EPOXY FLOOR					TOILET SHOWER ROOMS
F.DCONC.1	SEALED CONCRETE					ALL FLOORS TO BE F.DCONC.1 U.N.O.
F.LVT.1	LUXURY VINYL TILE	TARKETT	0976	CONTOUR	WOVEN REED SILKSTRAW	CORRIDORS/GROUP ROOMS/CONTROL ROOM
F.LVT.2	LUXURY VINYL TILE	TARKETT	C127	COLOR POP	BERMUDA	DAYROOM 200
F.LVT.3	LUXURY VINYL TILE	TARKETT	C177	COLOR POP	SUNBEAM	DAYROOM 400
F.SV.1	SHEET VINYL	TARKETT	0296	ID GRANIT	WARM GREY	SLEEPING UNITS
BASE						
B.RB.1	RUBBER BASE	TARKETT	TS825	JOHNSONITE	FAWN	4" RUBBER BASE
B.SV.1	SHEET VINYL	TARKETT	0296	ID GRANIT	WARM GREY	SCOTTS DRIVE
B.EP.1	EPOXY BASE					
WALL						
W.PT.1	PAINT 1	SHERWIN WILLIAMS	SW7757	HIGH REFLECTIVE WHITE	SEMI GLOSS	ALL WALLS TO BE W.PT.1 U.N.O.
W.PT.2	ACCENT PAINT	SHERWIN WILLIAMS	SW9759	COOLED BLUE	SEMI GLOSS	POD 200
W.PT.3	ACCENT PAINT	SHERWIN WILLIAMS	SW9019	GOLDEN FLUMERIA	SEMI GLOSS	POD 400
W.WD.1	WOOD SLAT WALL	SLAT SOLUTIONS		SLAT BOARD/SLIDER	MAPLE	
W.CT.1	CERAMIC TILE 4" X 10"	EMSER		CATCH GLOSSY	ICE GLOSSY	TILE AT RESTROOMS UP TO 8 AFF
W.CG.1	CORNER GUARD	INPRO		INPRO	STAINLESS STEEL	SLEEPING UNITS
CEILING						
C.ACT.1	2 X 2' MINERAL WOOL CEILING TILES	ROCKFON	SLN	ALASKA	WHITE	ALL CEILINGS TO BE C.PT.1 U.N.O.
C.PT.1	PAINT 1	SHERWIN WILLIAMS	SW7757	HIGH REFLECTIVE WHITE	SEMI GLOSS	
C.PT.2	ACCENT PAINT	SHERWIN WILLIAMS	SW9759	COOLED BLUE	SEMI GLOSS	POD 200
C.PT.3	ACCENT PAINT	SHERWIN WILLIAMS	SW9019	GOLDEN FLUMERIA	SEMI GLOSS	POD 400
MILLWORK						
M.PL.1	PLASTIC LAMINATE 1	WILSONART	7987-38	PALISADES OAK	FINE VELVET	CABINET, SHELVING, AND DRAWER INTERIORS
M.PL.2	MELAMINE	FORMICA	489-58	BRITE WHITE	MATTE FINISH	ALL COUNTERTOPS
M.QZ.1	QUARTZ	COSENTINO		SILESTONE	ET STATUARIO	
MISC.						
FT.1	FELT ACOUSTICAL PANEL	ACOUFELT	PE20	PEACOCK	SOLID, 12MM	TYP. IN POD 200. GC TO INSTALL WITH REQUIRED MOUNTING ACCESSORIES AS NEEDED FOR CEILING AND WALL MOUNTING AS PER MANUFACTURERS RECOMMENDATIONS
FT.2	FELT ACOUSTICAL PANEL	ACOUFELT	BU07	BUTTER	SOLID, 12MM	TYP. IN POD 400. GC TO INSTALL WITH REQUIRED MOUNTING ACCESSORIES AS NEEDED FOR CEILING AND WALL MOUNTING AS PER MANUFACTURERS RECOMMENDATIONS

FINISH SCHEDULE - INTERIOR

6

TOILET ACCESSORIES SCHEDULE						
TAG	ITEM	MANUFACTURER	DESCRIPTION	MODEL	FINISH	COMMENTS
TA-1	TOILET PARTITIONS	BOBRICK	STANDARD PRIVACY - FLOOR TO CEILING			TOILET ENCLOSURES AND ENTRANCE SCREENS
TA-2	36" GRAB BAR	BOBRICK	1 1/2" DIAMETER GRAB BAR W/ SNAP FLANGE & PEENED GRIPPING SURFACE	B-6806.99 X 36	STAINLESS STEEL SATIN	
TA-3	42" GRAB BAR	BOBRICK	1 1/2" DIAMETER GRAB BAR W/ SNAP FLANGE & PEENED GRIPPING SURFACE	B-6806.99 X 42	STAINLESS STEEL SATIN	
TA-4	TOILET PAPER TISSUE DISPENSERS	TORK	DOUBLE-ROLL TOILET TISSUE DISPENSER	H-1347	SMOKE	
TA-5	SANITARY WIPKIN DISPOSAL	BOBRICK	CONTURA SERIES SANITARY WIPKIN DISPOSAL	B-270	STAINLESS STEEL SATIN	
TA-6	MIRROR	BOBRICK	FRAMED STAINLESS STEEL CHANNEL MIRROR	B-165	STAINLESS STEEL SATIN	
TA-7	HAND DRYER	EXCEL DRYER	XLERATOR HAND DRYER	XL-S8	BRUSHED STAINLESS STEEL	
TA-8	COAT HOOK	BOBRICK	ROBE HOOK (DOUBLE)	B-6727	STAINLESS STEEL SATIN	
TA-9	SOAP DISPENSER	EDCOLAB	SURFACE MOUNTED SOAP DISPENSER	EL-9021192	BLACK	
TA-10	TRASH RECEPTACLE	BOBRICK	SURFACE MOUNTED WASTE RECEPTACLE	B-3540	STAINLESS STEEL SATIN	
TA-11	CURTAIN ROD	BOBRICK	CLASSIC SERIES EXTRA-HEAVY-DUTY SHOWER CURTAIN ROD	B-6107 X 36	BOBRICK SATIN	
TA-12	SHOWER SEAT	BOBRICK	REVERSIBLE FOLDING SHOWER SEAT	B-6181	STAINLESS STEEL	

TOILET ACCESSORY SCHEDULE

5

LEGEND

1

NOTES:
1. TYPICAL NEW CONSTRUCTION NOTES, U.N.O.
2. REFERENCE A.150 FOR SPECIFIC POD FINISHES.
POD 200: F.LVT.2, W.PT.2, C.PT.2, AND FT.1
POD 400: F.LVT.3, W.PT.3, C.PT.3, AND FT.2
3. GC TO REFERENCE A.130 FOR MOUNTING HEIGHTS



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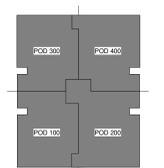
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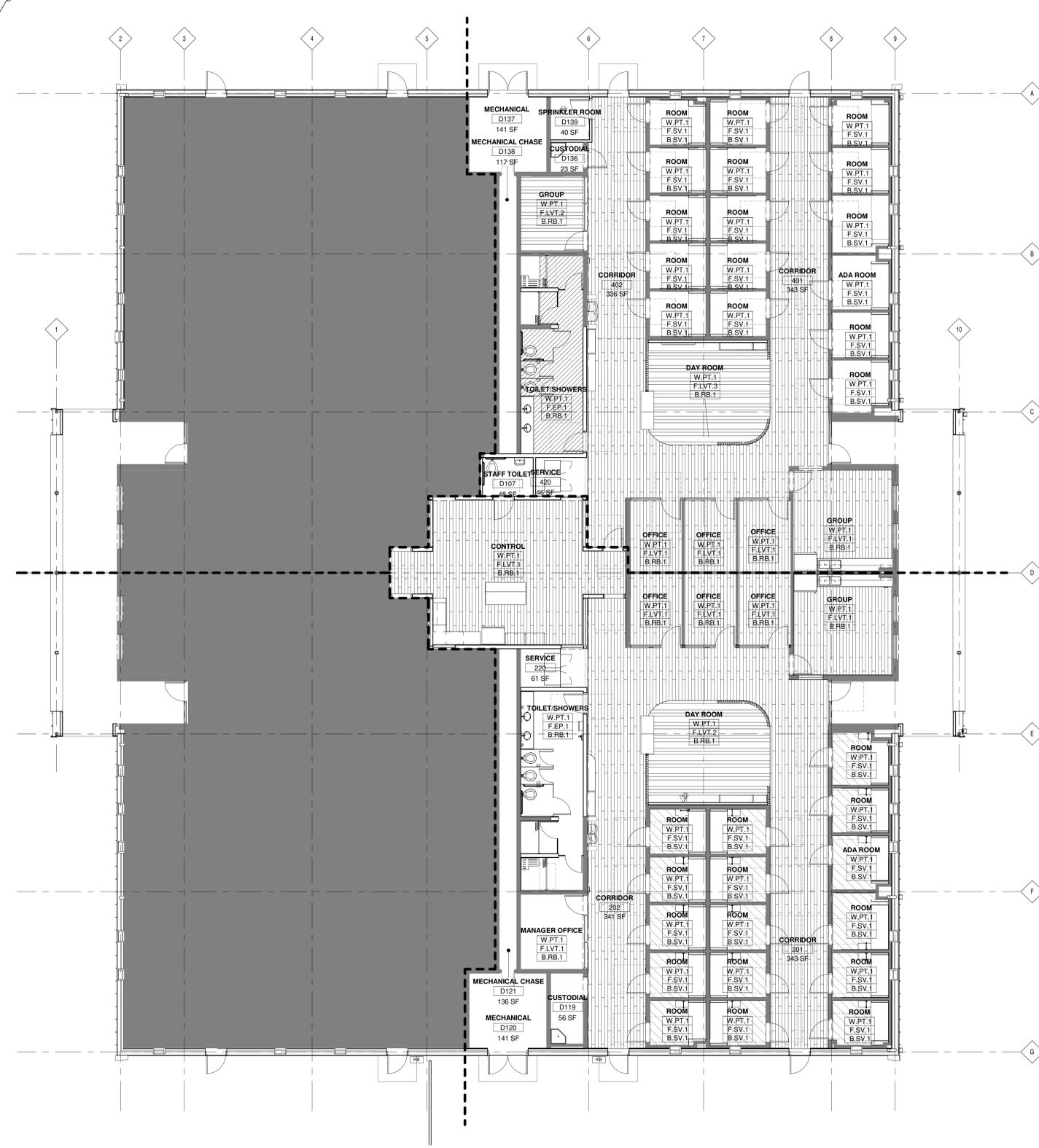
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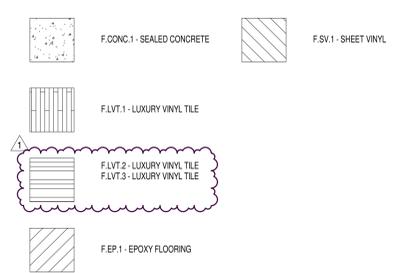
OVERALL FINISH PLAN

Scale: AS NOTED

A.151



KEYNOTES



NOTES:
1. TYPICAL NEW CONSTRUCTION NOTES U.N.O.
2. REFERENCE A.150 FOR SPECIFIC POD FINISHES.
POD 200: F.LVT.2, W.PT.2, C.PT.2, AND FT.1
POD 400: FLVT.3, W.PT.3, C.PT.3, AND FT.2





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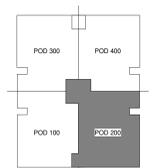
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ENLARGED FINISH PLAN - POD 200

Scale: AS NOTED

A.152

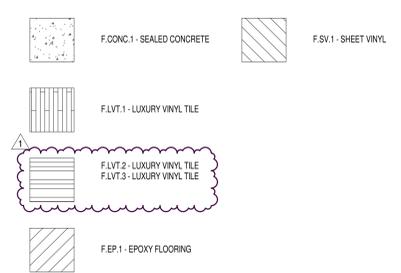


ENLARGED FINISH PLAN - POD B

1/4" = 1'-0" 5

LEGEND

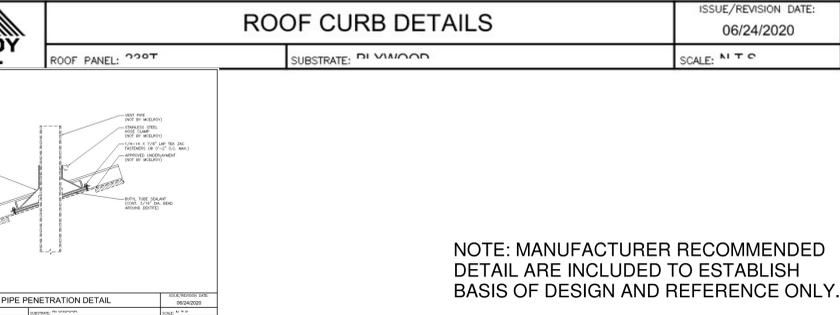
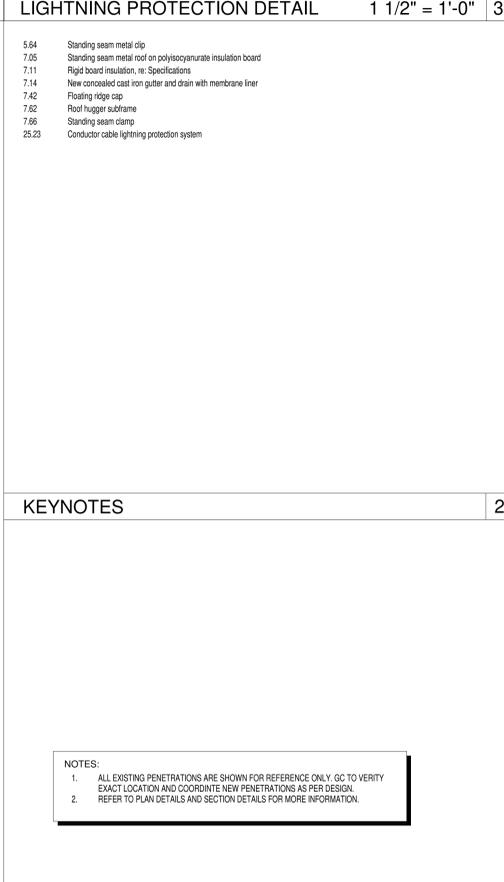
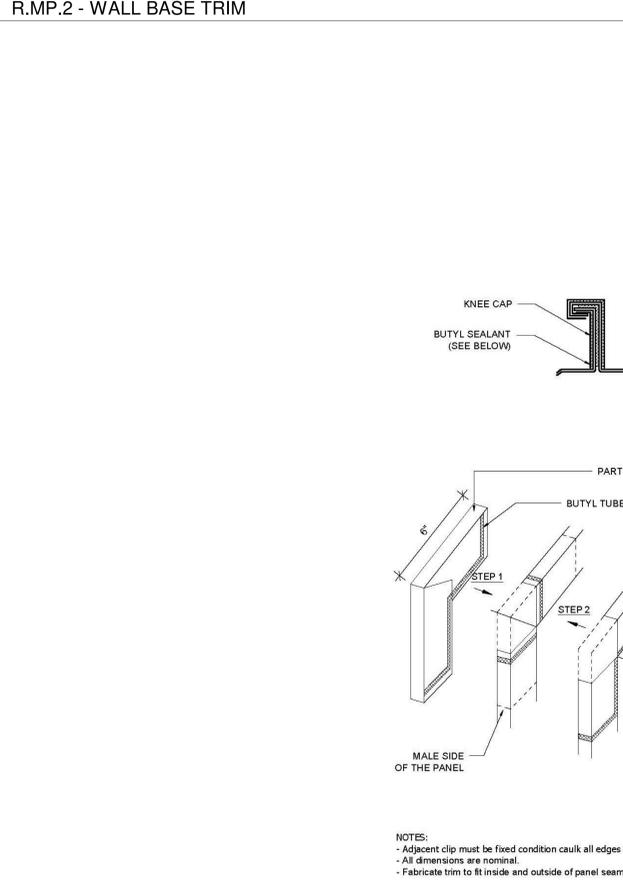
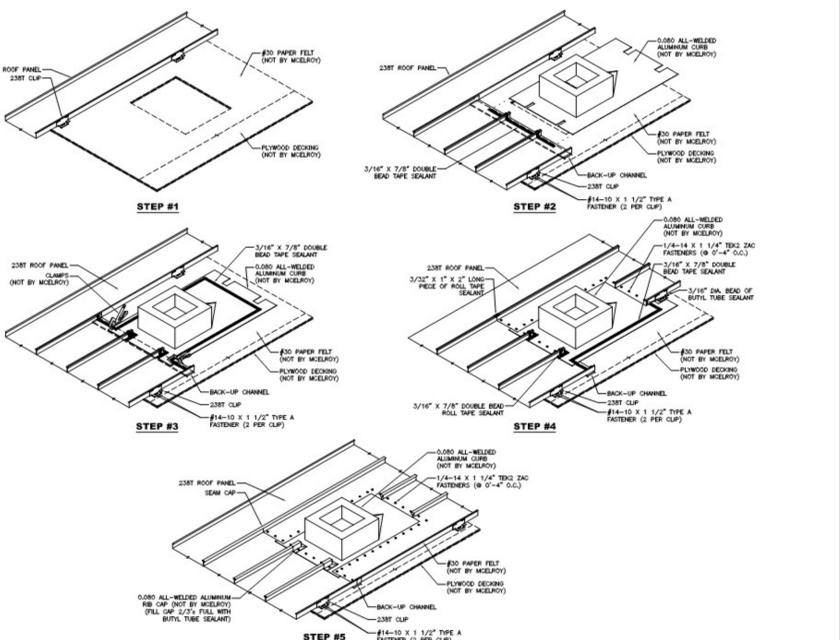
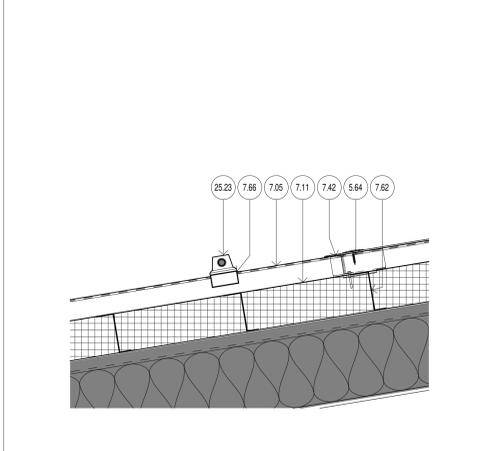
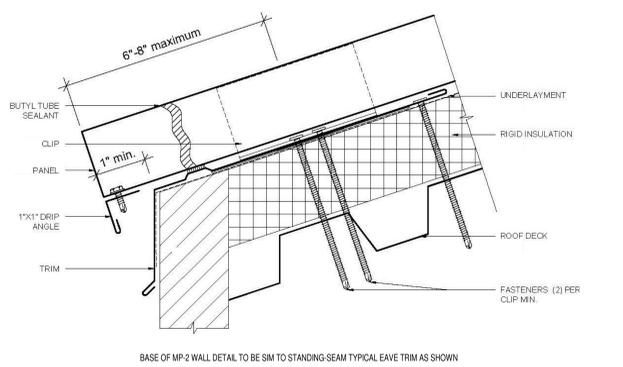
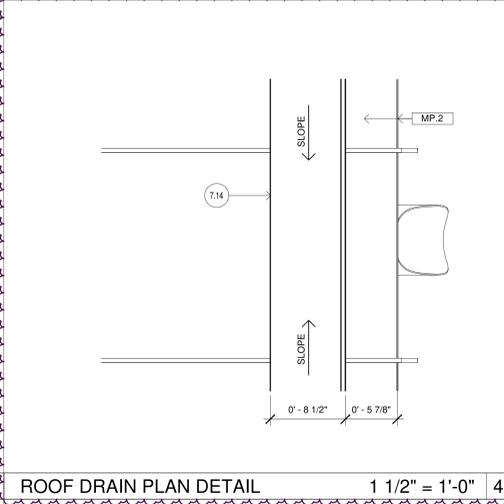
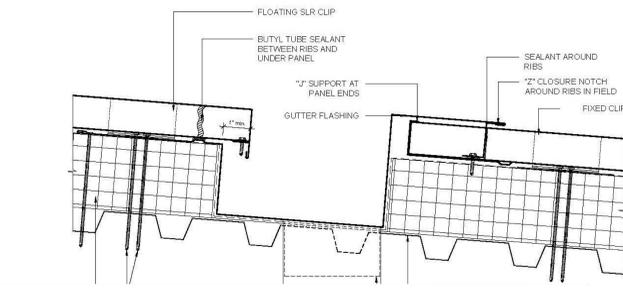
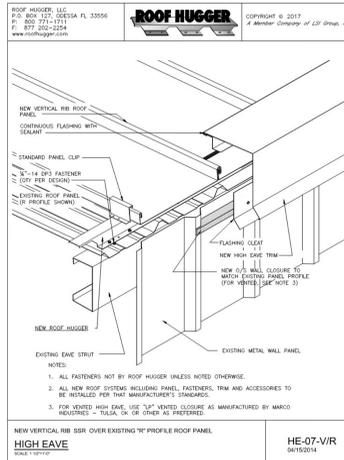
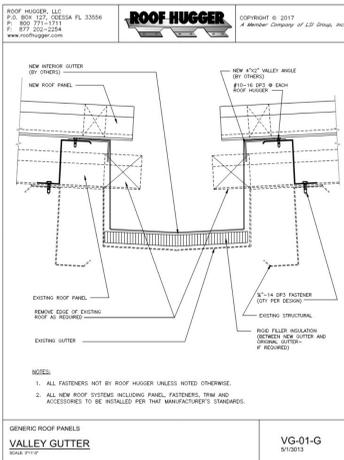
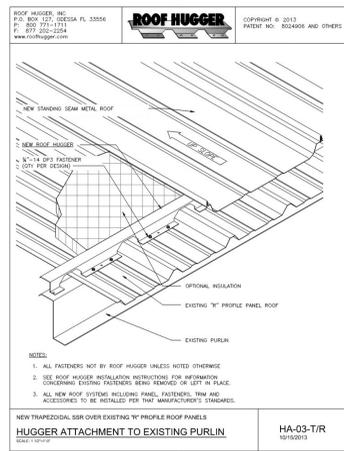
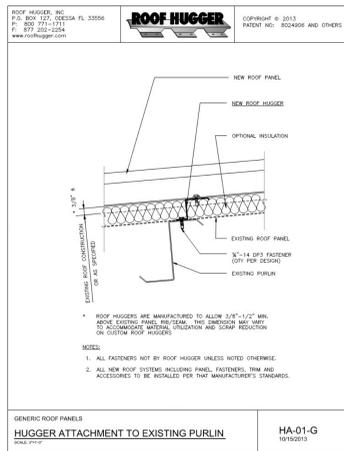
KEYNOTES



NOTES:
1. TYPICAL NEW CONSTRUCTION NOTES U.N.O.
2. REFERENCE A.150 FOR SPECIFIC POD FINISHES.
POD 200: F.LVT.2, W.PT.2, C.PT.2, AND FT.1
POD 400: F.LVT.3, W.PT.3, C.PT.3, AND FT.2

2

1



JC DIVERSION CENTER RENOVATION

3890 FM3514, BEAUMONT, TX 77705

B/A Project No.: 23141



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ROOF DETAILS

Scale: AS NOTED





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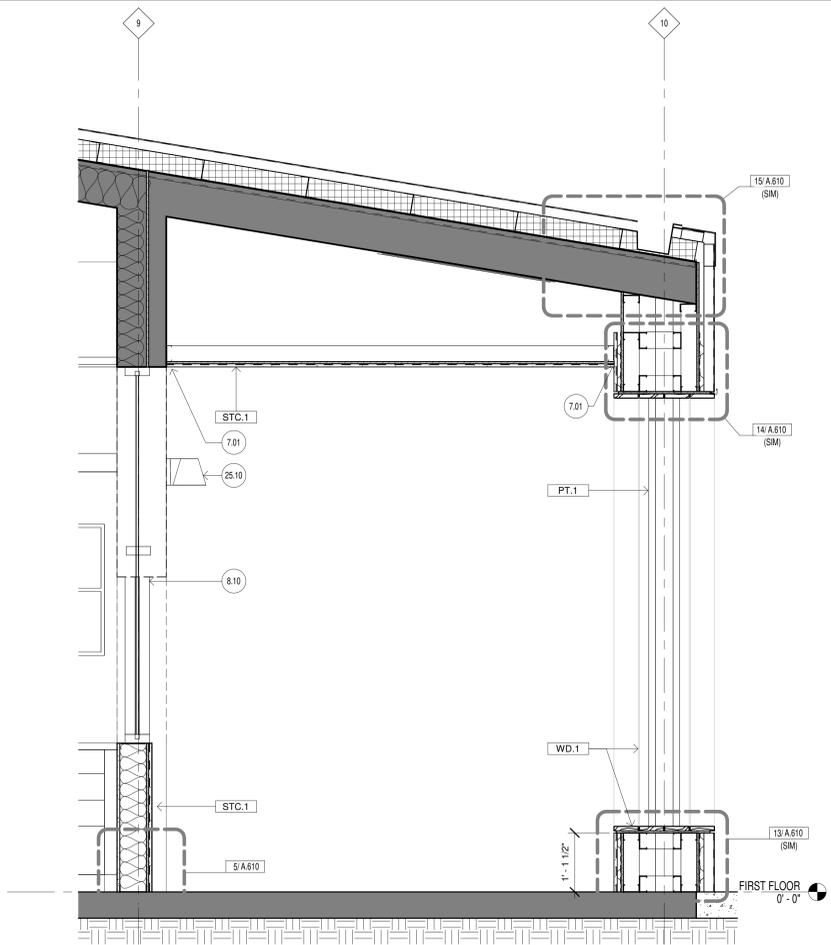
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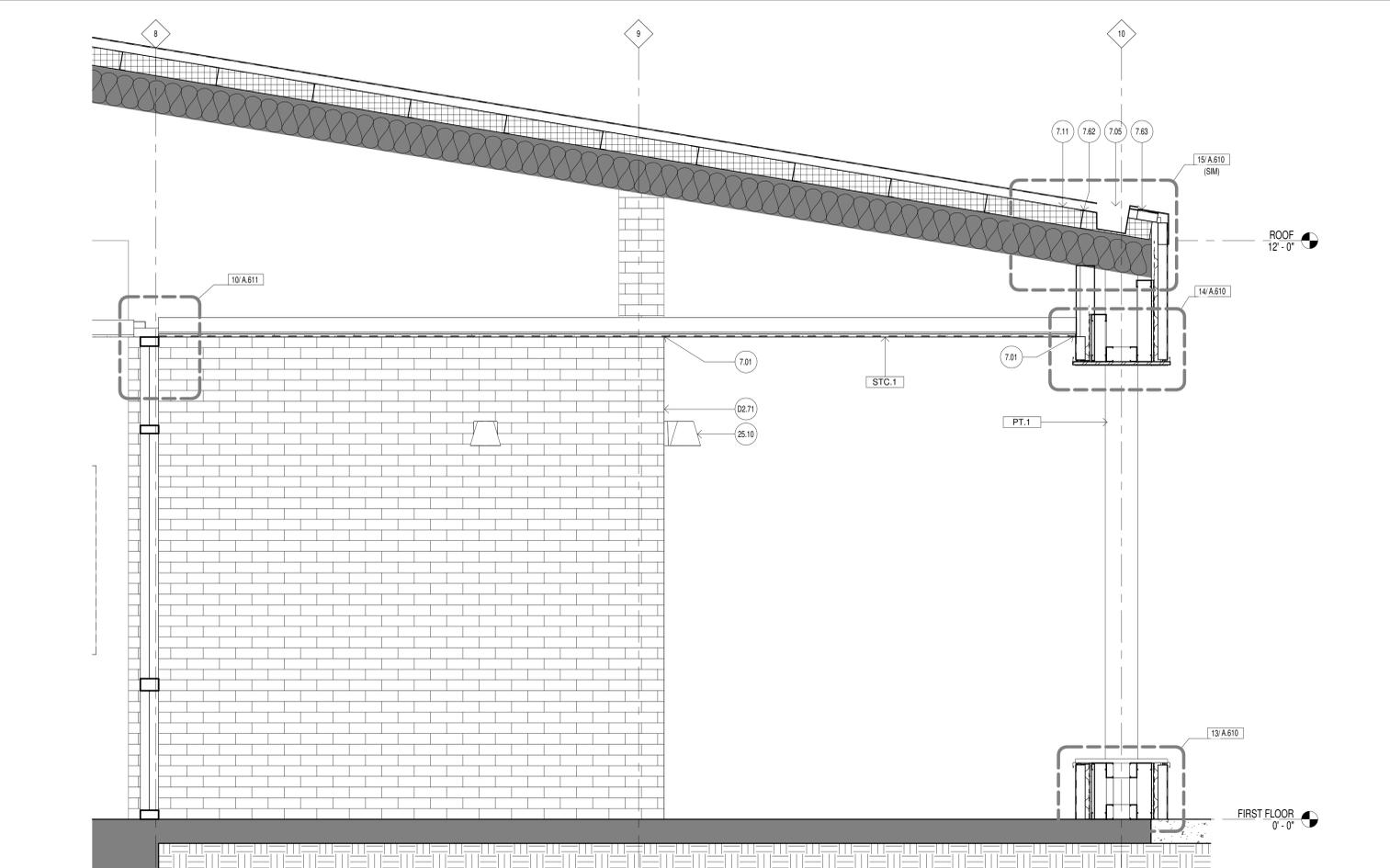
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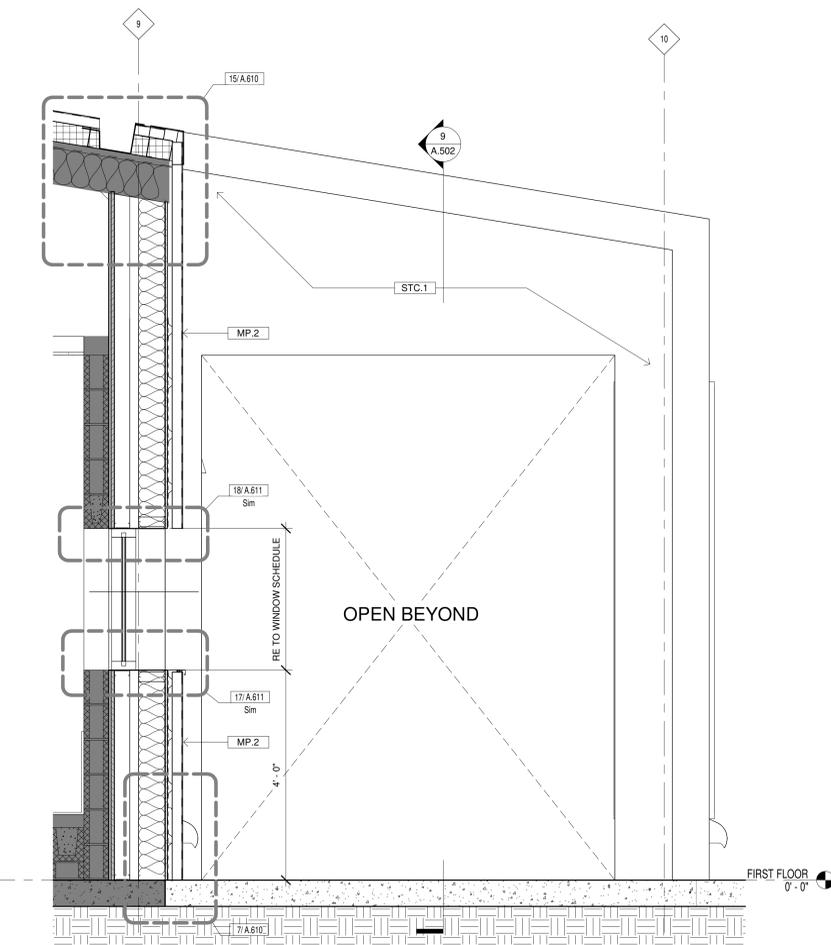
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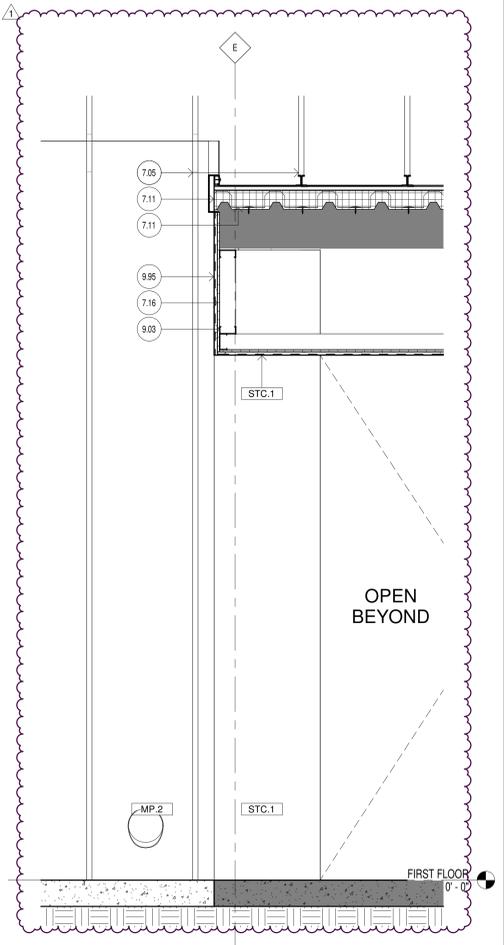
WALL SECTION TYP - ENTRY CANOPY 3/4" = 1'-0" 13



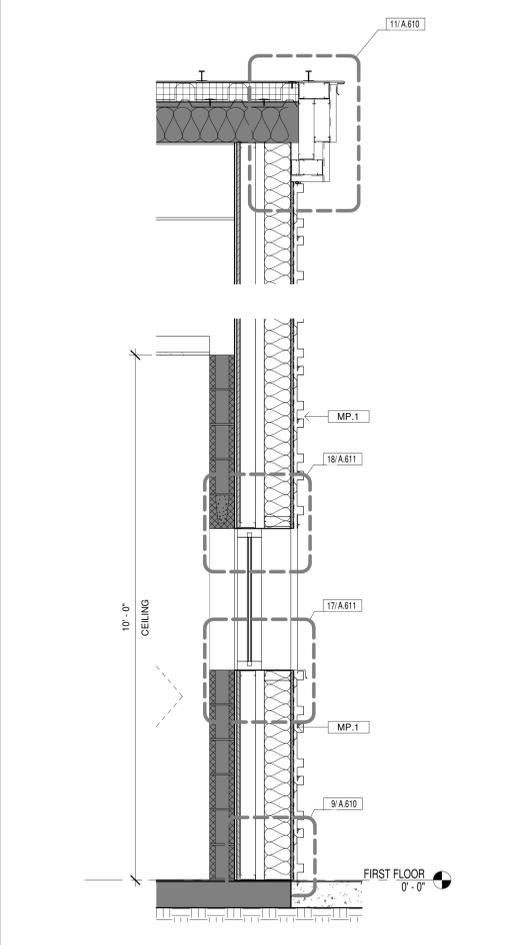
WALL SECTION TYP - ENTRY PORCH 3/4" = 1'-0" 3



WALL SECTION TYP EAST-WEST 3/4" = 1'-0" 11



WALL SECTION THRU ENTRY CANOPY 3/4" = 1'-0" 9



WALL SECTION TYP NORTH-SOUTH 3/4" = 1'-0" 5

7.01 Provide soffit vent with required trim accessory.
7.05 Standing seam metal roof on polyisocyanurate insulation board
7.11 Rigid board insulation, re: Specifications
7.16 1/2" Denerglass sheathing
7.62 Roof hanger subframe
7.63 Standing seam knee/wb cover
8.10 Scheduled window, re: Window schedule
9.03 3-5/8" metal studs at 16" O.C. Maximum
9.05 Scheduled stucco wall, re: Finish schedule
25.10 Scheduled light fixture re: Electrical
D2.71 Existing wall to remain

KEYNOTES 2

NOTES:
THE FOLLOWING INSULATION VALUES TO BE USED PER IBC TABLE C402.1.3
ROOFS:
ABOVE DECK: R-25ci
METAL BUILDINGS: R-19 + R-11 LS
WALLS, ABOVE GRADE:
METAL BUILDING: R13 + R-4.5ci
METAL FRAMED: R-13 + R-5ci

LEGEND 1

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EXTERIOR WALL SECTIONS

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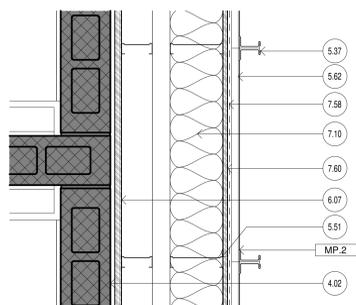
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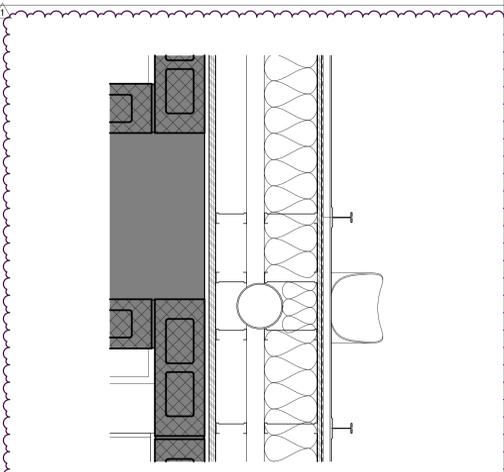
PLAN DETAILS

Scale: AS NOTED

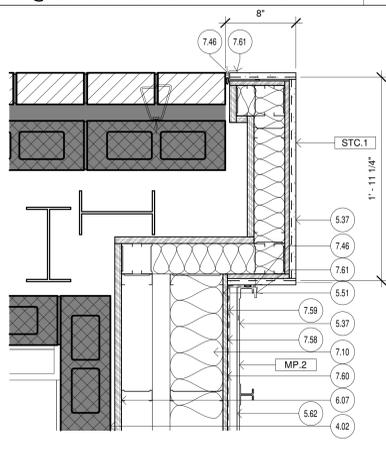
A.601



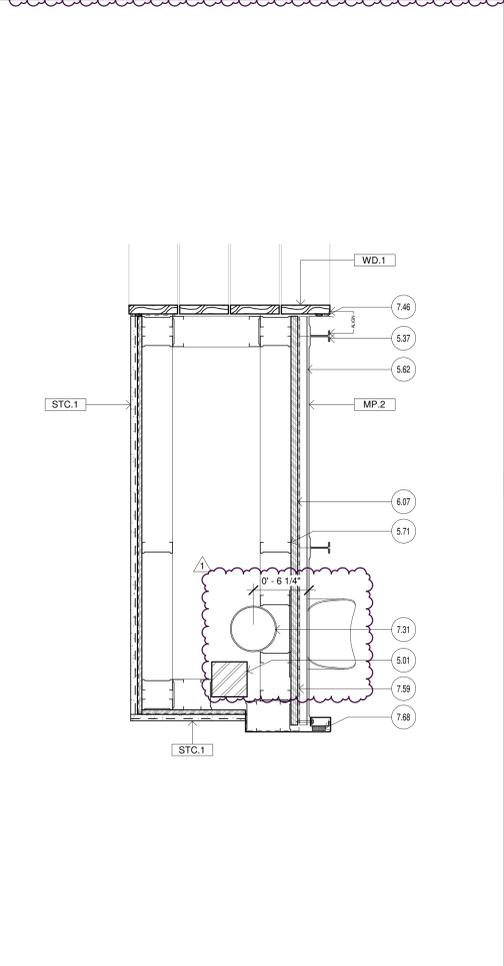
METAL PANEL @ BRICK FACADE 1 1/2" = 1'-0" 8



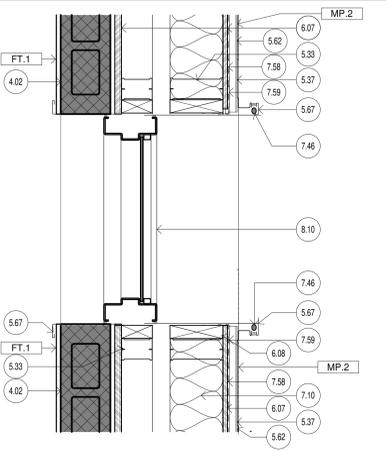
DOWNSPOUT PLAN DETAIL 1 1/2" = 1'-0" 11



METAL PANEL @ BRICK CORNER 1 1/2" = 1'-0" 7

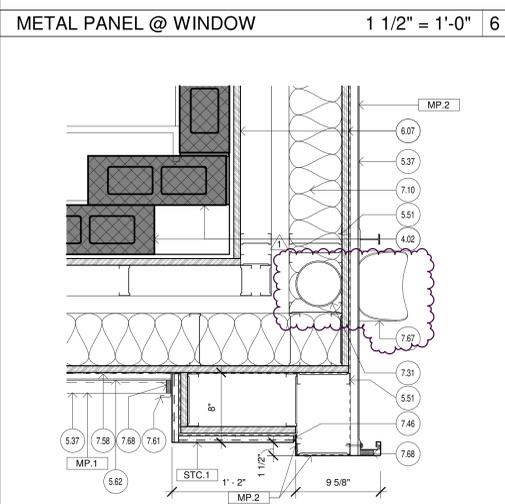


COLUMN COVER @ FRONT CANOPY 1 1/2" = 1'-0" 9



METAL PANEL @ WINDOW 1 1/2" = 1'-0" 6

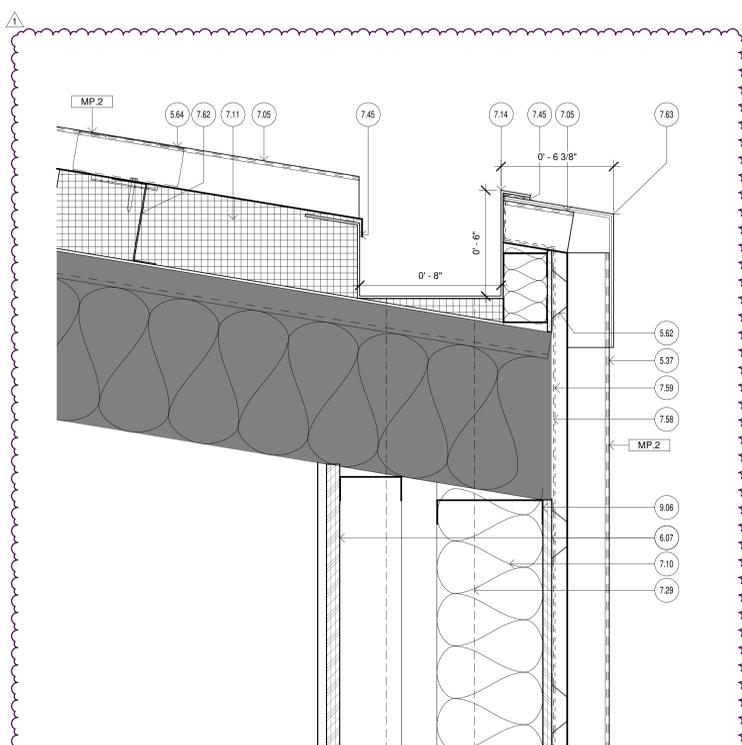
- KEYNOTES**
- 4.02 6" thick standard CMU, re: Finish schedule
 - 5.01 Steel column, re: Structural
 - 5.33 Double studs at all exterior door and window jambs, full height
 - 5.37 New metal panel on existing structure, re: Finish Schedule
 - 5.51 6" galvanized CPMF, re: Structural
 - 5.62 7/8" Hat channel
 - 5.67 Prefinished break metal to match adjacent hollow metal frame
 - 5.71 3 1/2" metal stud
 - 6.07 Plywood sheathing
 - 6.08 Treated wood blocking as required
 - 7.10 Batt insulation: depth of insulation to match depth of wall stud, unless noted otherwise
 - 7.31 Metal downspout boot to connect to splash block
 - 7.46 Backer rod and sealant
 - 7.58 Fluid applied air and water barrier
 - 7.59 Self-adhered air and water barrier
 - 7.60 1/2" Gypsum sheathing
 - 7.61 J-him
 - 7.67 Bird screen for nickel-bronze downspout nozzle
 - 7.68 Outside foam closure
 - 8.10 Scheduled window, re: Window schedule



EXTERIOR CORNER DETAIL 1 1/2" = 1'-0" 5

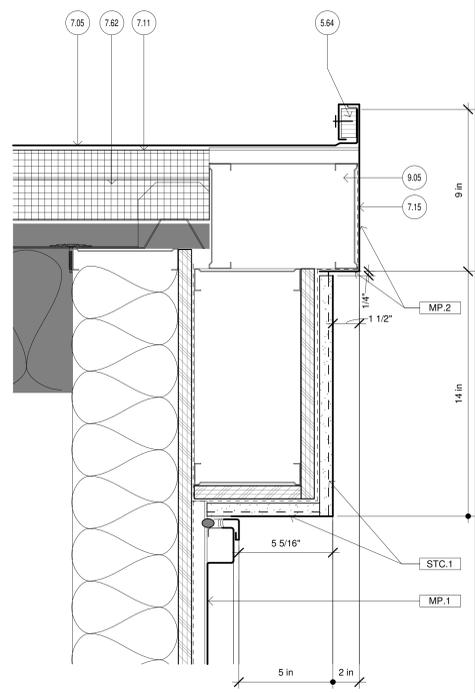
- LEGEND**
- NOTES:
THE FOLLOWING INSULATION VALUES TO BE USED PER IRC TABLE C402.1.3
- ROOFS:
ABOVE DECK: R-25c
METAL BUILDINGS: R-19 + R-11 S
- WALLS, ABOVE GRADE:
METAL BUILDING: R-13 + R-4.5c
METAL FRAMED: R-13 + R-5c

LEGEND 1

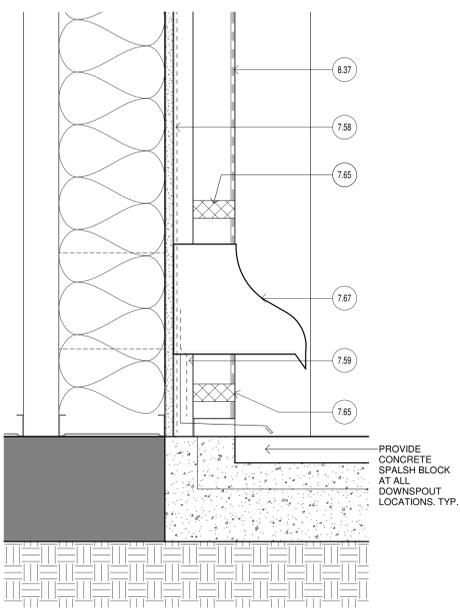


NOTE: PROVIDE HOOK STRIP OR CLEAT FOR PANEL MOVEMENT. PROVIDE STAINLESS STEEL GUTTER LINED AND LIQUID APPLIED REINFORCED PMMA WATER PROOFING MEMBRANE AT ALL GUTTERS. TYP.

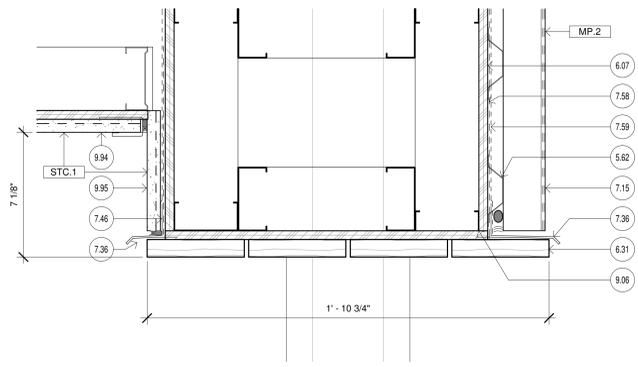
GUTTER DETAIL TYP. 3" = 1'-0" 15



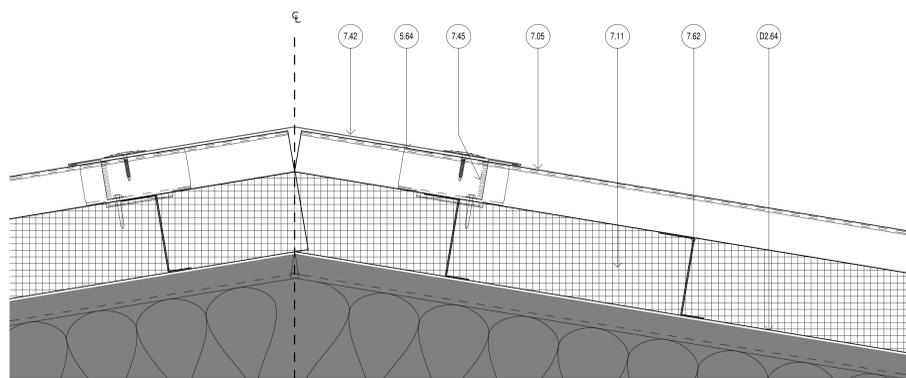
METAL PANEL FASCIA TYP. 3" = 1'-0" 11



DETAIL @ DOWNSPOUT 3" = 1'-0" 7



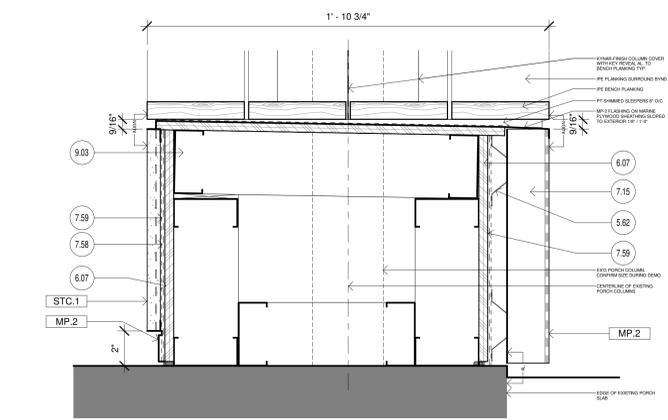
ENTRY CANOPY OPENING - HEADER 3" = 1'-0" 14



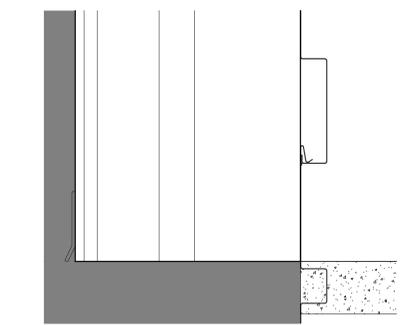
FIXED RIDGE ROOF DETAIL 3" = 1'-0" 6

- 5.37 New metal panel on existing structure; re: Finish Schedule
- 5.62 7/8" Hat channel
- 5.84 Standing seam metal clip
- 6.07 Plywood sheathing
- 6.31 Wood bench, stained
- 7.05 Standing seam metal roof on polystyrene insulation board
- 7.10 Batt insulation; depth of insulation to match depth of wall stud, unless noted otherwise
- 7.11 Rigid board insulation, re: Specifications
- 7.14 New concealed cast iron gutter and drain with membrane liner
- 7.15 Metal wall panel, re: Finish Schedule
- 7.29 6" Downspout and support hangers; install per manufacturer's requirements and recommendations
- 7.36 Metal trim flashing
- 7.42 Floating ridge cap
- 7.45 Sealant
- 7.46 Backer rod and sealant
- 7.58 Fluid applied air and water barrier
- 7.59 Self adhered air and water barrier
- 7.62 Roof hanger subframe
- 7.63 Standing seam kneelet cover
- 7.65 Debris/insect guard
- 7.67 Bird screen for nickel-bronze downspout nozzle
- 8.37 Scheduled wall assembly; re: Elevations
- 9.03 3-5/8" metal studs at 16" O.C. Maximum
- 9.05 6" metal studs at 16" O.C. Maximum
- 9.06 6" exterior wall metal studs at 16" O.C. Maximum
- 9.94 Scheduled stucco soffit; re: Finish schedule
- 9.95 Scheduled stucco wall; re: Finish schedule
- 02.64 Roof to remain

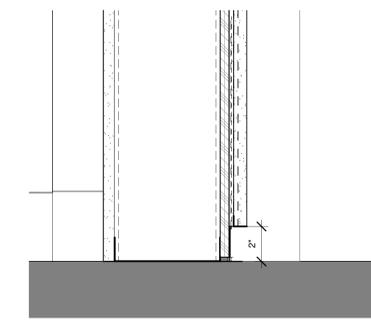
KEYNOTES 2



ENTRY CANOPY OPENING - BENCH 3" = 1'-0" 13



METAL PANEL BASE AT EX'G SLAB EDGE 3" = 1'-0" 9



STUCCO BASE AT EX'G CONCRETE 3" = 1'-0" 5

ROOF NOTES
1. PROVIDE HOOK STRIP OR CLEAT FOR PANEL MOVEMENT AS NECESSARY.
2. PROVIDE STAINLESS STEEL GUTTER LNER AND A LIQUID APPLIED REINFORCED PMMA WATER PROOFING MEMBRANE INSIDE THE GUTTERS TO PREVENT LEAKS IN FUTURE.

NOTES:
THE FOLLOWING INSULATION VALUES TO BE USED PER IBC TABLE C402.1.3
ROOFS:
ABOVE DECK: R-25ci
METAL BUILDINGS: R-19 + R-11LS
WALLS, ABOVE GRADE:
METAL BUILDING: R13 + R-4.5ci
METAL FRAMED: R-13 + R-5ci

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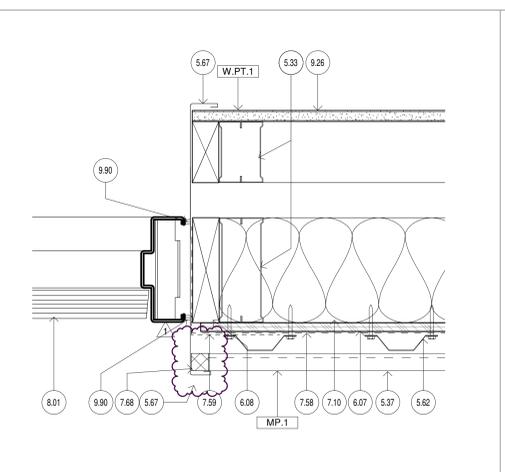
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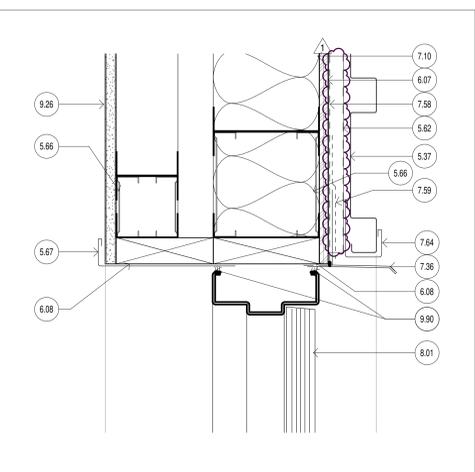
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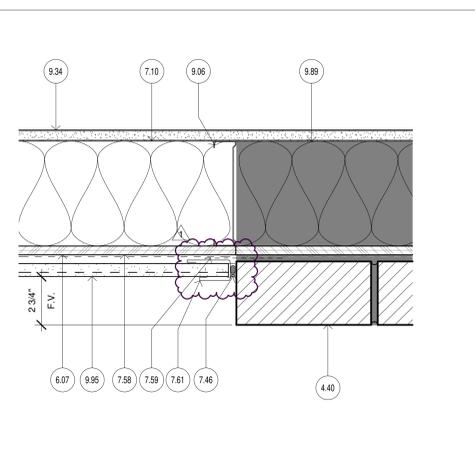
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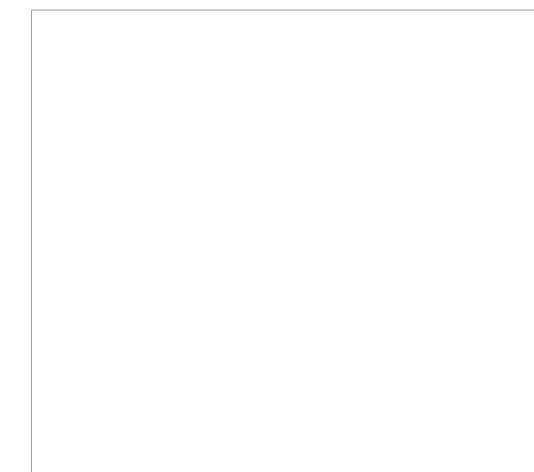
JAMB @ HM DOOR 3" = 1'-0" 16



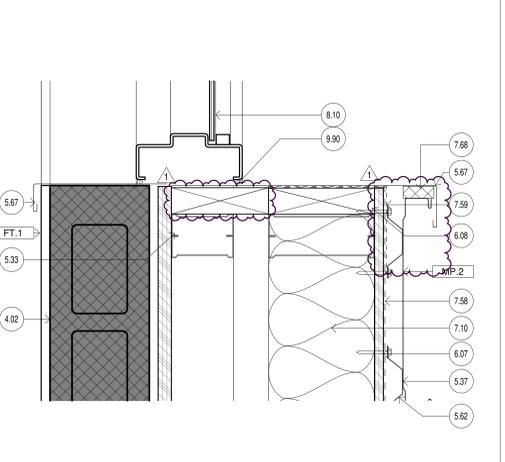
HEADER @ HM DOOR 3" = 1'-0" 12



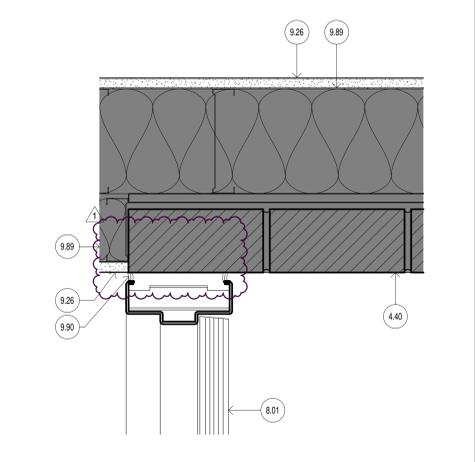
DETAIL @ STUCCO/BRICK 3" = 1'-0" 8



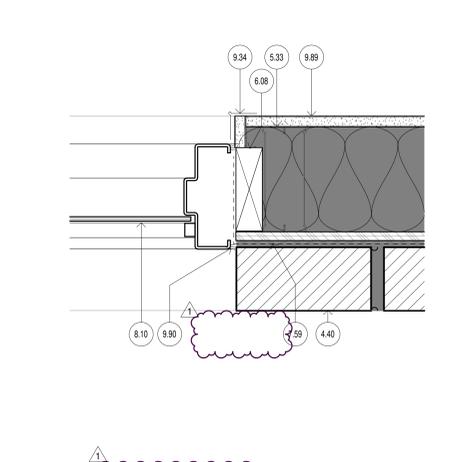
HM JAMB @ HORIZONTAL PANEL 3" = 1'-0" 19



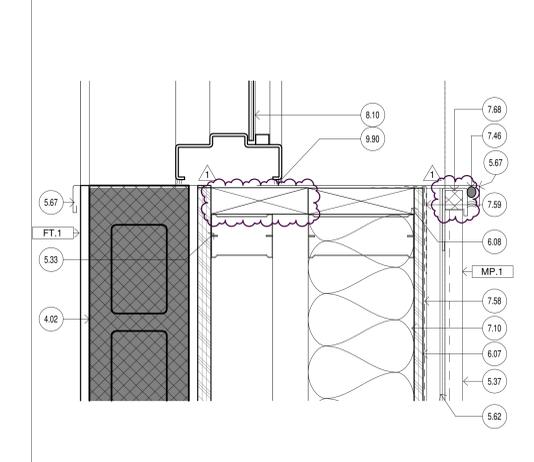
HM JAMB @ VERTICAL PANEL 3" = 1'-0" 15



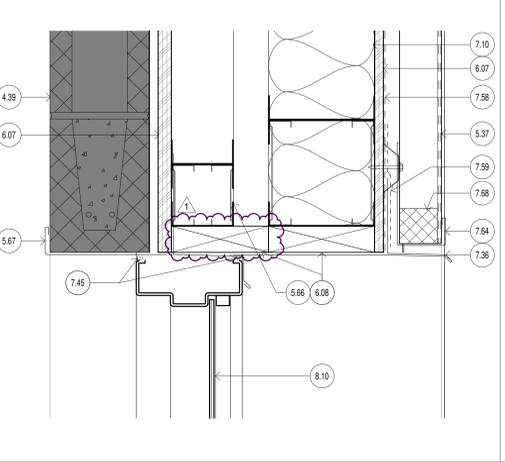
STOREFRONT JAMB @ ENTRY 3" = 1'-0" 11



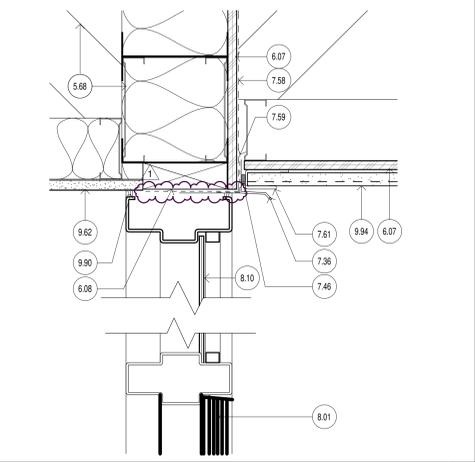
HM JAMB @ EXISTING BRICK 3" = 1'-0" 7



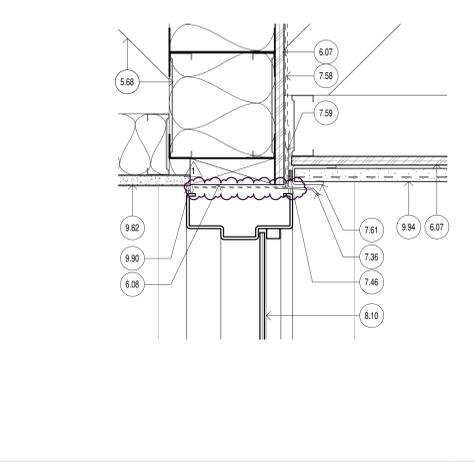
HM HEADER @ HORIZONTAL METAL 3" = 1'-0" 18



HM HEADER @ VERTICAL METAL 3" = 1'-0" 14



HEADER @ STOREFRONT ENTRY 3" = 1'-0" 10



STUCCO WINDOW HEADER 3" = 1'-0" 6

- KEYNOTES**
- 3.18 Existing slab; Field verify
 - 4.02 6" thick standard CMU; re: Finish schedule
 - 4.39 Existing 6" thick running bond CMU; re: Finish Schedule
 - 4.40 Existing brick facade to be power washed; existing mortar to be repointed, color to be verified by architect
 - 5.33 Double studs at all exterior door and window jambs, full height
 - 5.37 New metal panel on existing structure; re: Finish Schedule
 - 5.62 7/8" Hat channel
 - 5.66 Box header at all opening over 4'-0" wide, contained with deflection track where needed
 - 5.67 Prefinished break metal to match adjacent hollow metal frame
 - 5.68 Secure with structure to existing; field verify
 - 6.07 Plywood sheathing
 - 6.08 Treated wood blocking as required
 - 7.10 Both insulation: depth of insulation to match depth of wall stud, unless noted otherwise
 - 7.26 Metal trim flashing
 - 7.45 Sealant
 - 7.46 Backer rod and sealant
 - 7.58 Fluid applied air and water barrier
 - 7.59 Self-adhered air and water barrier
 - 7.61 J-Trim
 - 7.64 J-Trim with weeps
 - 7.65 Debris/insect guard
 - 7.68 Outside foam closure
 - 8.01 Scheduled door; Re: Door schedule
 - 8.10 Scheduled window; re: Window schedule
 - 9.06 6" exterior wall metal studs at 16" O.C. Maximum
 - 9.07 Top runner
 - 9.26 5/8" gypsum board
 - 9.34 Corner bead
 - 9.62 Gypsum board ceiling
 - 9.89 Existing wall; Field verify
 - 9.90 Caulk both sides
 - 9.94 Scheduled stucco soffit; re: Finish schedule
 - 9.95 Scheduled stucco wall; re: Finish schedule
 - 9.96 Scheduled flooring; re: Finish schedule

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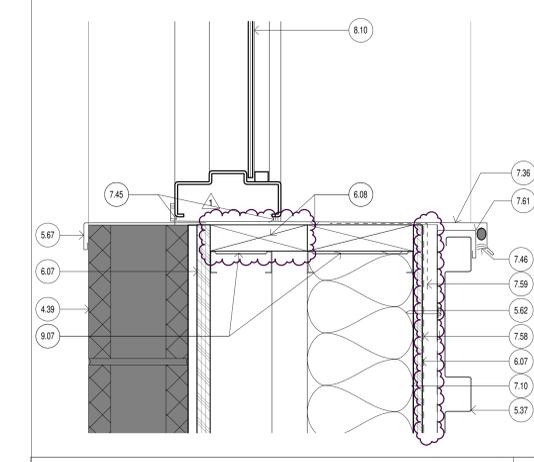


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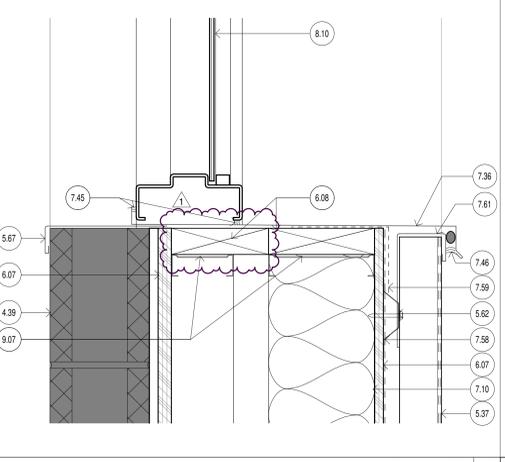
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1 11/01/2024 ADDENDUM # 01

EXTERIOR GLAZING & DOOR DETAILS

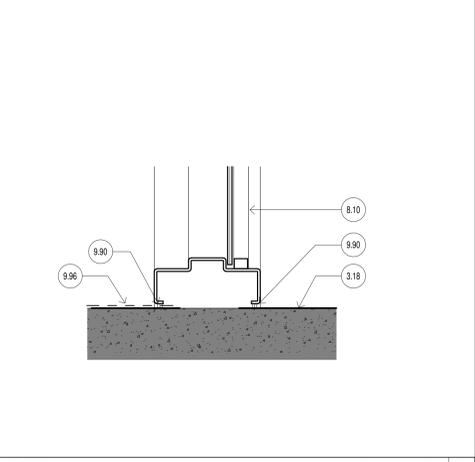
Scale: AS NOTED



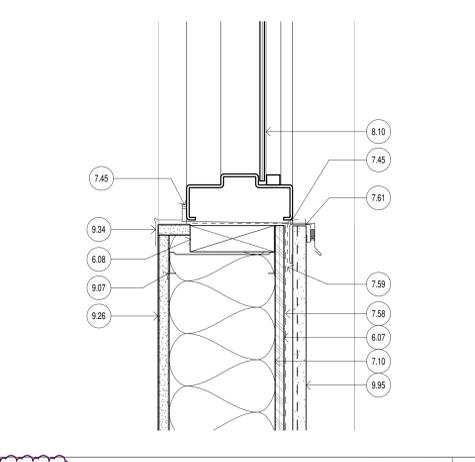
HM SILL @ HORIZONTAL METAL 3" = 1'-0" 17



HM SILL @ VERTICAL METAL 3" = 1'-0" 13



HM SILL 3" = 1'-0" 9



STUCCO WINDOW SILL 3" = 1'-0" 5

- LEGEND**
- NOTES:
THE FOLLOWING INSULATION VALUES TO BE USED PER IRC TABLE C402.1.3
- ROOFS:
ABOVE DECK: R-25c
METAL BUILDINGS: R-19 + R-11 LS
- WALLS, ABOVE GRADE:
METAL BUILDING: R13 + R-6.5c
METAL FRAMED: R-13 + R-5c



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DATACOM DESIGN GROUP
9111 JOLLYVILLE ROAD, SUITE 290
AUSTIN, TX 78759
Consultant Contact

- 6.22 Millwork; re: Millwork details
- 8.01 Scheduled door; re: Door schedule
- 8.10 Scheduled window; re: Window schedule
- 8.13 Scheduled glazing system; re: Window schedule
- 8.34 Existing window
- 8.35 Existing door
- 9.63 Gypsum board kindown
- 9.88 Scheduled partition; re: Partition types
- 10.30 Walk hung fire extinguisher (FS)
- 10.66 Room signage; re: Signage schedule and Door schedule
- 11.15 Washer-Owner Provided Contractor Installed
- 11.16 Dryer- Owner Provided Contractor Installed
- 22.12 Bi-level electric water cooler; re: Plumbing

Ownership of Instruments of Service
All reports, plans, specifications, computer files, field notes, notes &
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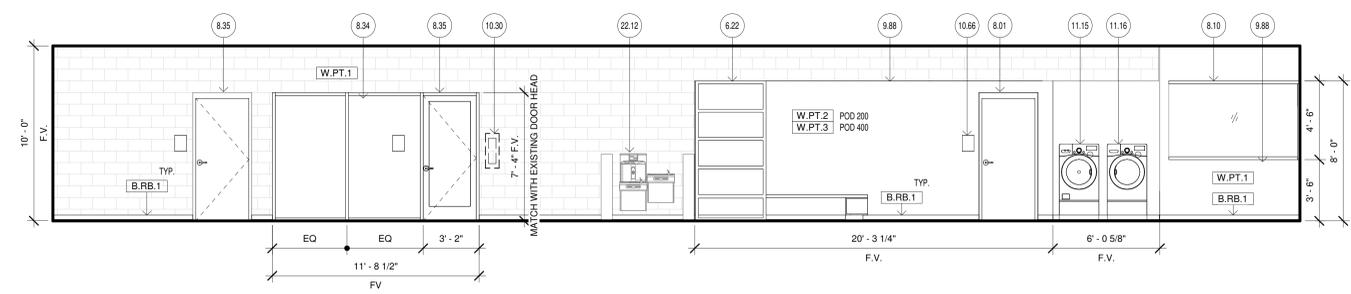
10/30/2024

FILE:
DRAWN BY:
CHECKED BY:
ISSUE:
05/02/2024 SCHEMATIC DESIGN
06/14/2024 DESIGN DEVELOPMENT
08/23/2024 90% CONSTRUCTION DOCUMENTS
09/23/2024 100% CONSTRUCTION DOCUMENTS
1 11/01/2024 ADDENDUM # 01

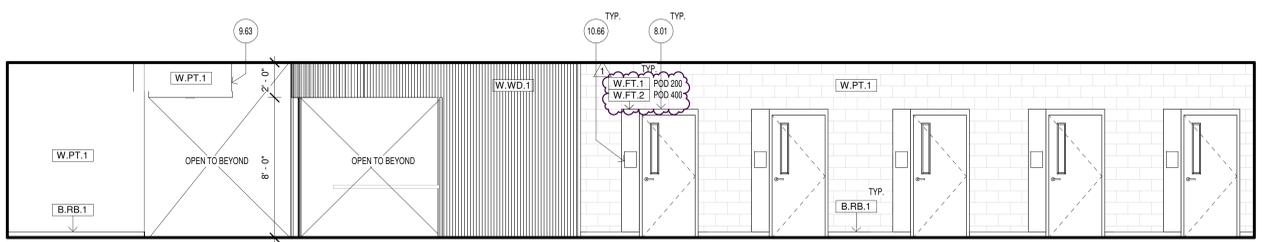
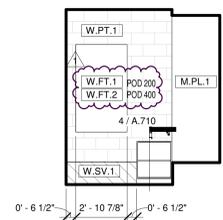
INTERIOR ELEVATIONS

Scale: AS NOTED

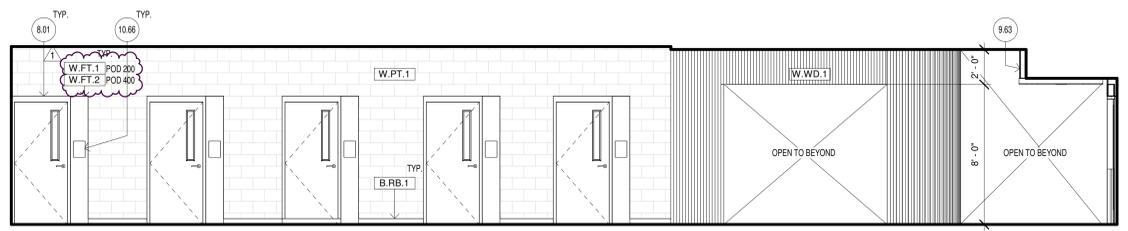
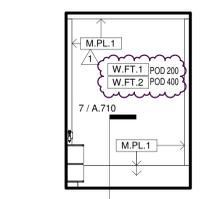
A.701



CORRIDOR 202 WEST 1/4" = 1'-0" 8

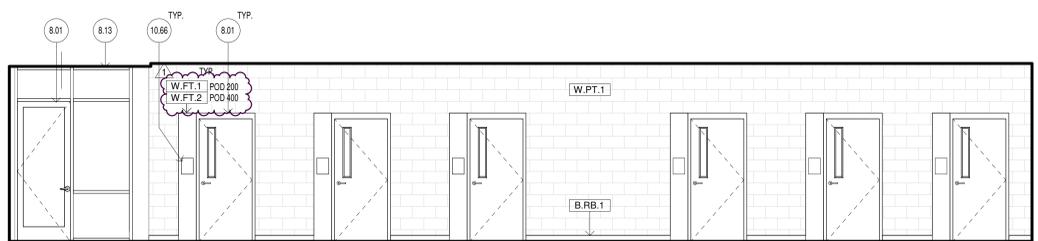
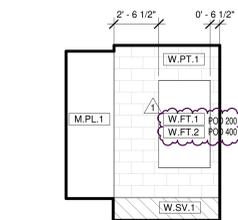


CORRIDOR 202 EAST 1/4" = 1'-0" 7



CORRIDOR 201 WEST 1/4" = 1'-0" 6

KEYNOTES 2



CORRIDOR 201 EAST 1/4" = 1'-0" 5

LEGEND 1

UNIT LEFT 1/4" = 1'-0" 19

UNIT BACK 1/4" = 1'-0" 18

UNIT RIGHT 1/4" = 1'-0" 17



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- 6.22 Millwork; re: Millwork details
- 6.23 Base cabinets; re: Millwork details
- 8.01 Scheduled door; re: Door schedule
- 8.10 Scheduled window; re: Window schedule
- 8.13 Scheduled glazing system; re: Window schedule
- 8.34 Existing window
- 8.35 Existing door
- 9.83 Gypsum board finishwork
- 10.01 Toilet partition; re: Accessory schedule
- 10.66 Room signage; re: Signage schedule and Door schedule
- 11.07 Refrigerator - Owner Provided Contractor Installed
- 11.23 Wall-mounted flat panel television
- 22.04 Two-compartment sink; re: Plumbing
- 25.10 Scheduled light fixture re: Electrical

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SEAL:



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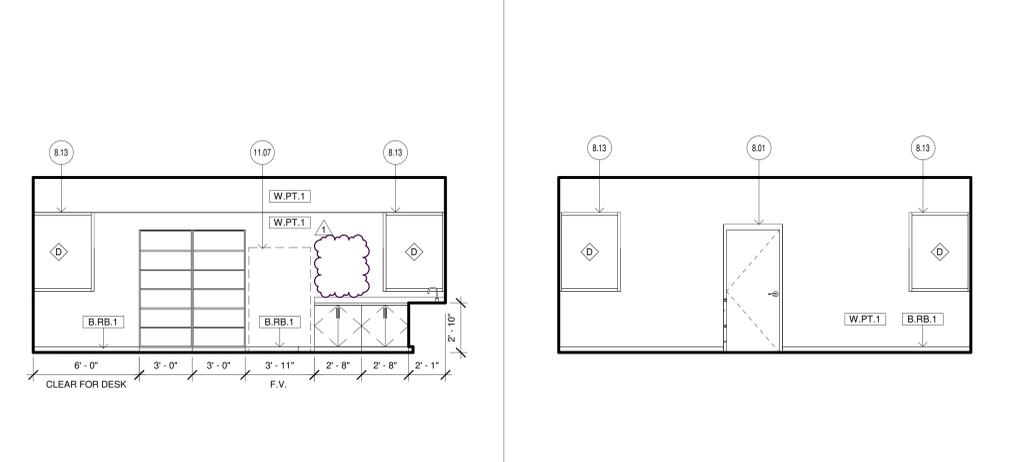
FILE:
DRAWN BY:
CHECKED BY: EHN
ISSUE:
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INTERIOR ELEVATIONS

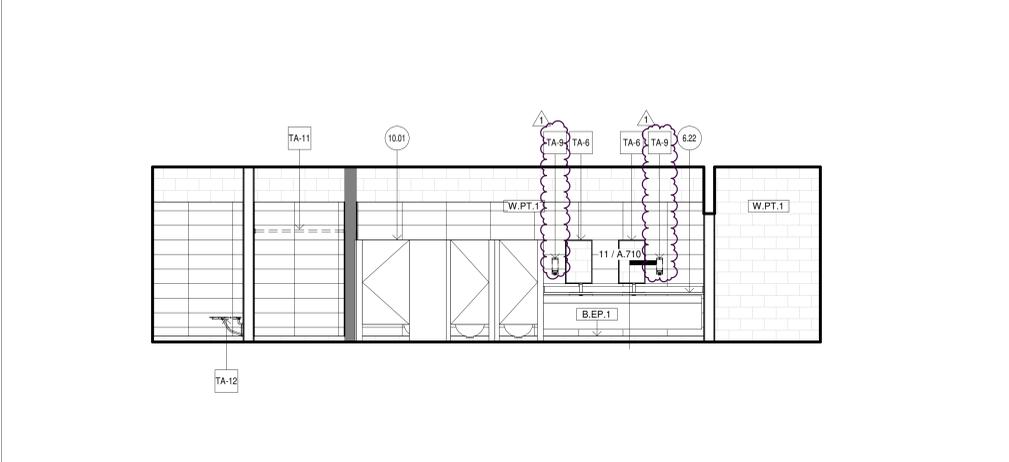
Scale: AS NOTED

A.702

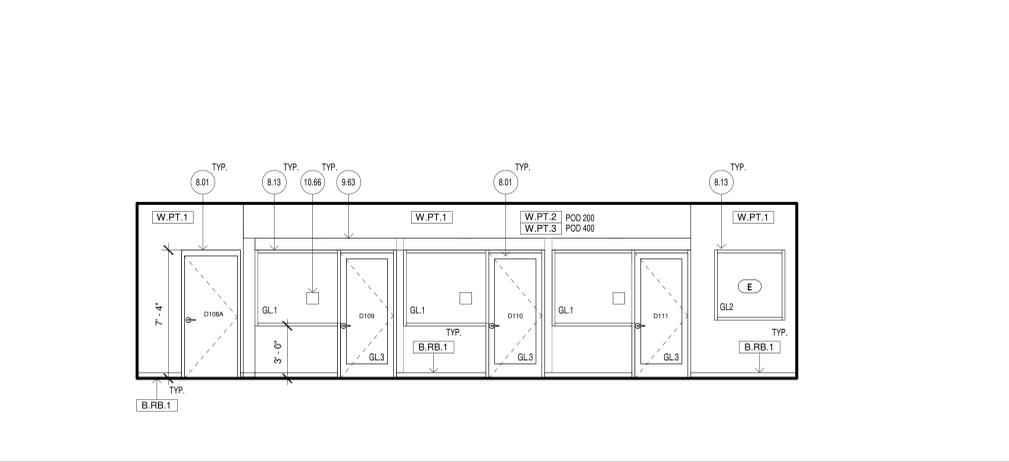
CONTROL EAST 1/4" = 1'-0" 12 CONTROL WEST 1/4" = 1'-0" 8



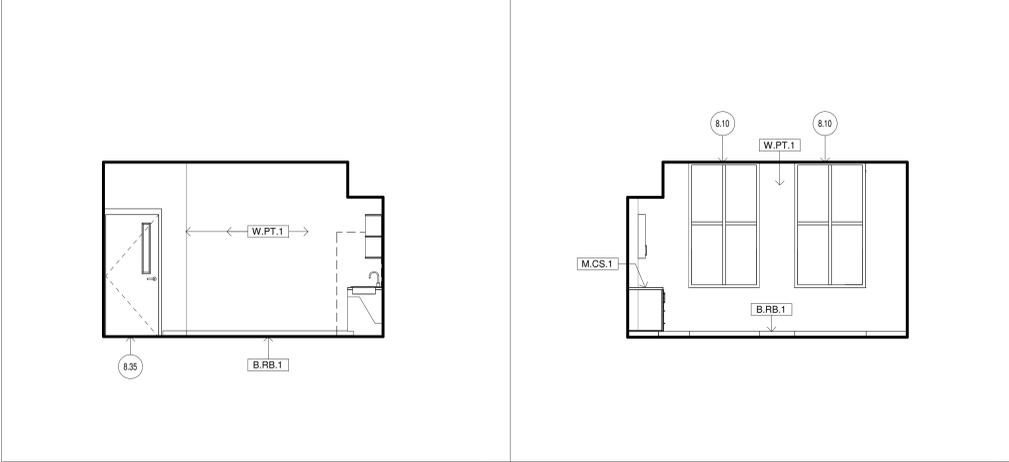
TOILET/SHOWERS WEST 1/4" = 1'-0" 15 CONTROL SOUTH 1/4" = 1'-0" 11 CONTROL NORTH 1/4" = 1'-0" 7



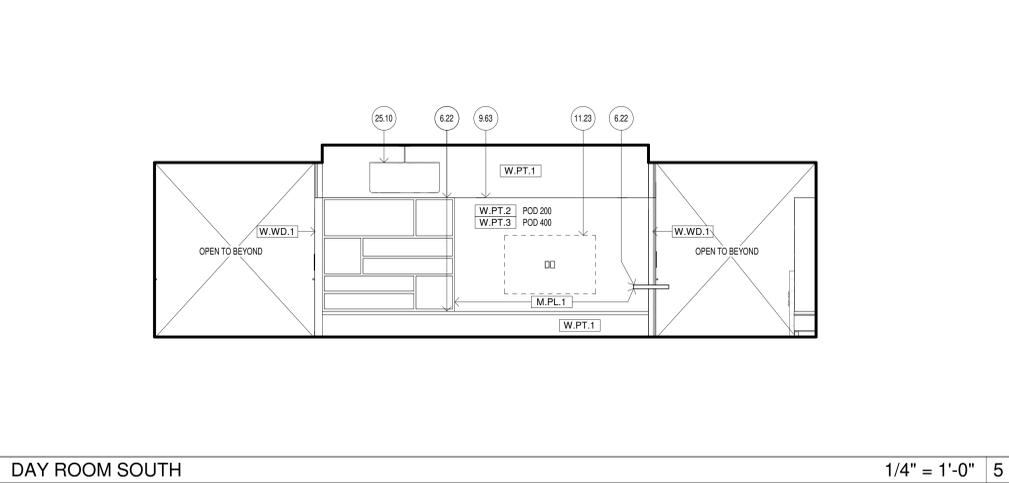
GROUP WEST 1/4" = 1'-0" 18 GROUP EAST 1/4" = 1'-0" 14 OFFICES ELEVATION 1/4" = 1'-0" 6 KEYNOTES 2



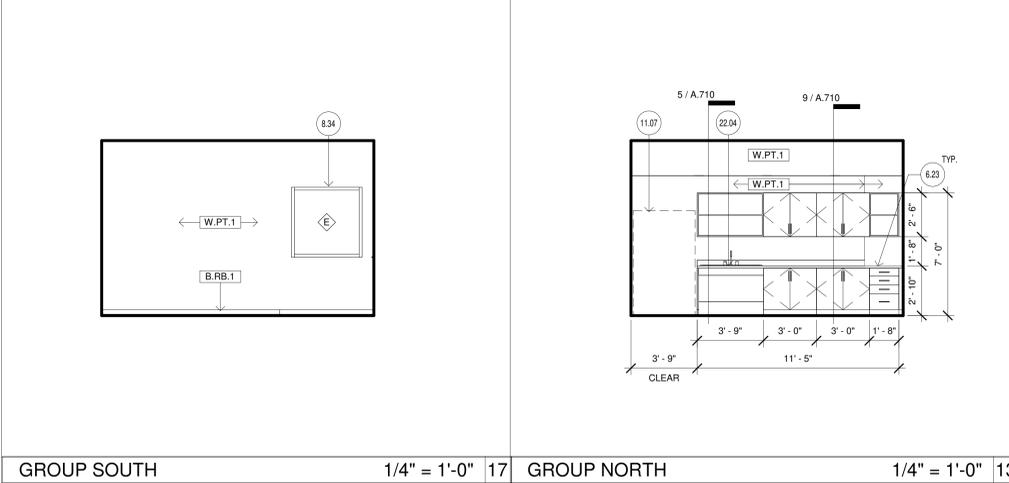
GROUP SOUTH 1/4" = 1'-0" 17 GROUP NORTH 1/4" = 1'-0" 13 DAY ROOM SOUTH 1/4" = 1'-0" 5 GENERAL NOTES 1



DAY ROOM SOUTH 1/4" = 1'-0" 5 GENERAL NOTES 1



GENERAL NOTES 1





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SEAL:



10/30/2024

FILE:
DRAWN BY: DK
CHECKED BY: MM

ISSUE:
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08/23/2024 90% CONSTRUCTION DOCUMENTS
09/23/2024 100% CONSTRUCTION DOCUMENTS
11/01/2024 ADDENDUM # 01

TYPICAL DOOR TYPES,
SCHEDULES & HARDWARE
TYPES

Scale: AS NOTED

A.820

DOOR & FRAME SCHEDULE - EXTERIOR DOORS																						
DOOR NO.	ROOM NAME	DOORS						FRAME						DETAIL			GLASS	HARDWARE	REMARKS			
		W	H	T	TYPE	MATL	FN	TYPE	MATL	FN	H	J	S									
X100	DAY ROOM	3'-0"	8'-0"	0'-1 3/4"	D	HM	1	HM	10A.611	11A.611	6A.820	GL.4	2.0			GL.4	4.0	CARD READER KNOX BOX				
X101	CORRIDOR	3'-0"	7'-0"	0'-1 3/4"	B	HM	1	HM	12A.611	16A.611	6A.820	GL.4	3.0			GL.4	4.0	CARD READER				
X102	CORRIDOR	3'-0"	7'-0"	0'-1 3/4"	B	HM	1	HM	12A.611	16A.611	6A.820	GL.4	3.0			GL.4	4.0	CARD READER KNOX BOX				
X200	DAY ROOM	3'-0"	8'-0"	0'-1 3/4"	D	HM	2	HM	10A.611	11A.611	6A.820	GL.4	2.0			GL.4	4.0	CARD READER KNOX BOX				
X201	CORRIDOR	3'-0"	7'-0"	0'-1 3/4"	B	HM	1	HM	12A.611	16A.611	6A.820	GL.4	3.0			GL.4	4.0	CARD READER				
X202	CORRIDOR	3'-0"	7'-0"	0'-1 3/4"	B	HM	1	HM	12A.611	16A.611	6A.820	GL.4	3.0			GL.4	4.0	CARD READER KNOX BOX				
X300	DAY ROOM	3'-0"	8'-0"	0'-1 3/4"	D	HM	2	HM	10A.611	11A.611	6A.820	GL.4	2.0			GL.4	4.0	CARD READER				
X301	CORRIDOR	3'-0"	7'-0"	0'-1 3/4"	B	HM	1	HM	12A.611	16A.611	6A.820	GL.4	3.0			GL.4	4.0	CARD READER				
X302	CORRIDOR	3'-0"	7'-0"	0'-1 3/4"	B	HM	1	HM	12A.611	16A.611	6A.820	GL.4	3.0			GL.4	4.0	CARD READER				
X400	DAY ROOM	3'-0"	8'-0"	0'-1 3/4"	D	HM	2	HM	10A.611	11A.611	6A.820	GL.4	2.0			GL.4	4.0	CARD READER KNOX BOX				
X401	CORRIDOR	3'-0"	7'-0"	0'-1 3/4"	B	HM	1	HM	12A.611	16A.611	6A.820	GL.4	3.0			GL.4	4.0	CARD READER				
X402	CORRIDOR	3'-0"	7'-0"	0'-1 3/4"	B	HM	1	HM	12A.611	16A.611	6A.820	GL.4	3.0			GL.4	4.0	CARD READER				
XD001		4'-0"	8'-0"	0'-2 3/4"	R													DOUBLE DOORS				
XD002		4'-0"	8'-0"	0'-2 3/4"	R													DOUBLE DOORS				
XD120	MECHANICAL	3'-0"	7'-0"	0'-1 3/4"	E	HM	3	HM	12A.611	16A.611	6A.820		1.0				DOUBLE DOORS, CARD READER					
XD137	MECHANICAL	3'-0"	7'-0"	0'-1 3/4"	E	HM	3	HM	12A.611	16A.611	6A.820		1.0				DOUBLE DOORS, CARD READER					

EXTERIOR DOORS NOTE:
AT ALL EXTERIOR DOORS INSTALL A DOOR TOP WEATHER STRIP (DRIP CAP) ATTACHED TO HEAD OF DOOR FRAME EQUAL TO PEMCO 348D LENGTH EQUAL TO WIDTH OF DOOR FRAME.

DOOR & FRAME SCHEDULE - INTERIOR DOORS																						
DOOR NO.	ROOM NAME	DOORS						FRAME						DETAIL			GLAZING	HARDWARE	SIGNAGE	REMARKS		
		W	H	T	TYPE	MATL	FN	TYPE	MATL	FN	H	J	S									
203	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
204	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
205	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
206	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
207	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
208	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
209	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
210	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
211	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
212	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
213	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
214	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
215	ADA ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
217	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
218	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
219	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
403	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
404	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
405	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
406	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
407	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
408	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
409	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
410	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
411	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
412	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
413	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
414	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
415	ADA ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
417	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
418	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
419	ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	9.0	S2				KEYED DOORS				
D101	GROUP	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	8A.821	9A.821		GL.2						KEYED DOORS				
D107	STAFF TOILET	3'-0"	7'-0"	0'-1 3/4"	C	WD	1	HM	3A.821	4A.821			8.0					LOCKABLE FROM INSIDE				
D108A	CONTROL	3'-0"	7'-0"	0'-1 3/4"	C	WD	1	HM	3A.821	4A.821			5.0	S2				CARD READER				
D108B	CONTROL	3'-0"	7'-0"	0'-1 3/4"	C	WD	1	HM	3A.821	4A.821			5.0	S2				CARD READER				
D109	OFFICE	3'-0"	7'-2"	0'-1 3/4"	D	HM	4	HM	10A.821	11A.821		GL.3	5.0	S2				CARD READER				
D110	OFFICE	3'-0"	7'-2"	0'-1 3/4"	D	HM	4	HM	10A.821	11A.821		GL.3	5.0	S2				CARD READER				
D111	OFFICE	3'-0"	7'-2"	0'-1 3/4"	D	HM	4	HM	10A.821	11A.821		GL.3	5.0	S2				CARD READER				
D112	DAY ROOM	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	7A.821		GL.2	11.0	S2				KEYED DOORS				
D114A	TOILET SHOWERS	3'-0"	7'-0"	0'-1 3/4"	A	WD	1	HM	3A.821	4A.821			12.0	S3				KEYED DOORS				
D119	CUSTODIAL	3'-0"	7'-0"	0'-1 3/4"	C	WD	1	HM	5A.821	6A.821			7.0	S2				KEYED DOORS				
D121	MECHANICAL CHASE	2'-0"	7'-0"	0'-1 3/4"	A	HM	1	HM	5A.821	6A.821								SERVICE DOOR				
D126	OFFICE	3'-0"	7'-2"	0'-1 3/4"	D	HM	4	HM	10A.821	11A.821		GL.3	5.0	S2				CARD READER				
D127	OFFICE	3'-0"	7'-2"	0'-1 3/4"	D	HM	4	HM	10A.821	11A.821		GL.3	5.0	S2				CARD READER				
D128	OFFICE	3'-0"	7'-2"	0'-1 3/4"	D	HM	4	HM	10A.821	11A.821		GL.3	5.0	S2				CARD READER				
D129	GROUP	3'-0"	7'-0"	0'-1 3/4"	B	WD	1	HM	5A.821	6A.821		GL.2	11.0	S2				KEYED DOORS				
D131A	TOILET SHOWERS	3'-0"	7'-0"	0'-1 3/4"	A	WD	1	HM	3A.821	4A.821			12.0	S3				KEYED DOORS				
D134	GROUP	3'-0"	7'-2"	0'-1 3/4"	D	HM	5	HM	5A.821	6A.821		GL.2	10.0	S2				KEYED DOORS				
D136	CUSTODIAL	3'-0"	7'-0"	0'-1 3/4"	C	WD	1	HM	5A.821	6A.821			7.0	S2				KEYED DOORS				
D138	MECHANICAL CHASE	2'-0"	7'-0"	0'-1 3/4"	A	HM	1	HM	5A.821	6A.821								SERVICE DOOR				
D139	SPRINKLER ROOM	3'-0"	7'-0"	0'-1 3/4"	C	WD	1	HM	5A.821	6A.821			6.0	S2				CARD READER				
D200	MANAGER OFFICE	3'-0"	7'-2"	0'-1 3/4"	D	HM	5	HM	8A.821	9A.821		GL.3	5.0	S2				CARD READER				

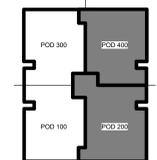
INTERIOR DOOR - WINDOW FRAME NOTE:
INSTALL MANUAL ROLLER SHADES AT ALL INTERIOR WINDOWS AND DOOR-WINDOW FRAMES.

EXTERIOR & INTERIOR DOOR SCHEDULE

Manufacturer List				Set: 4.0 Description: EXT SGL - EO EXT - OPS				Set: 8.0 Description: SGL - PRIVACY - CLOSER						
Qty	Item	Description	Finish	Mtr	Qty	Item	Description	Finish	Mtr	Qty	Item	Description	Finish	Mtr
1	McKinney	CPN_HDI	US2SD	PE	3	Hinge, Full Mortise	7A2714	US2SD	MM	1	Hinge, Full Mortise	7A2714	US2SD	MM
1	Other	1443386	US2SD	MM	1	Rein. Ext. CO	001 V21 8205 LNE	US2SD	SA	1	Classroom Lock	001 V21 8205 LNE	US2SD	SA
1	Roachcast	551 557 (As req'd) - 1/2" / 2" AFF	US2SD	RO	1	Surface Closer w Indicator	351 Reg PA</							



KEYPLAN:



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PLUMBING PLAN - WASTE

Scale: AS NOTED

P1.1

GENERAL NOTES (WASTE)

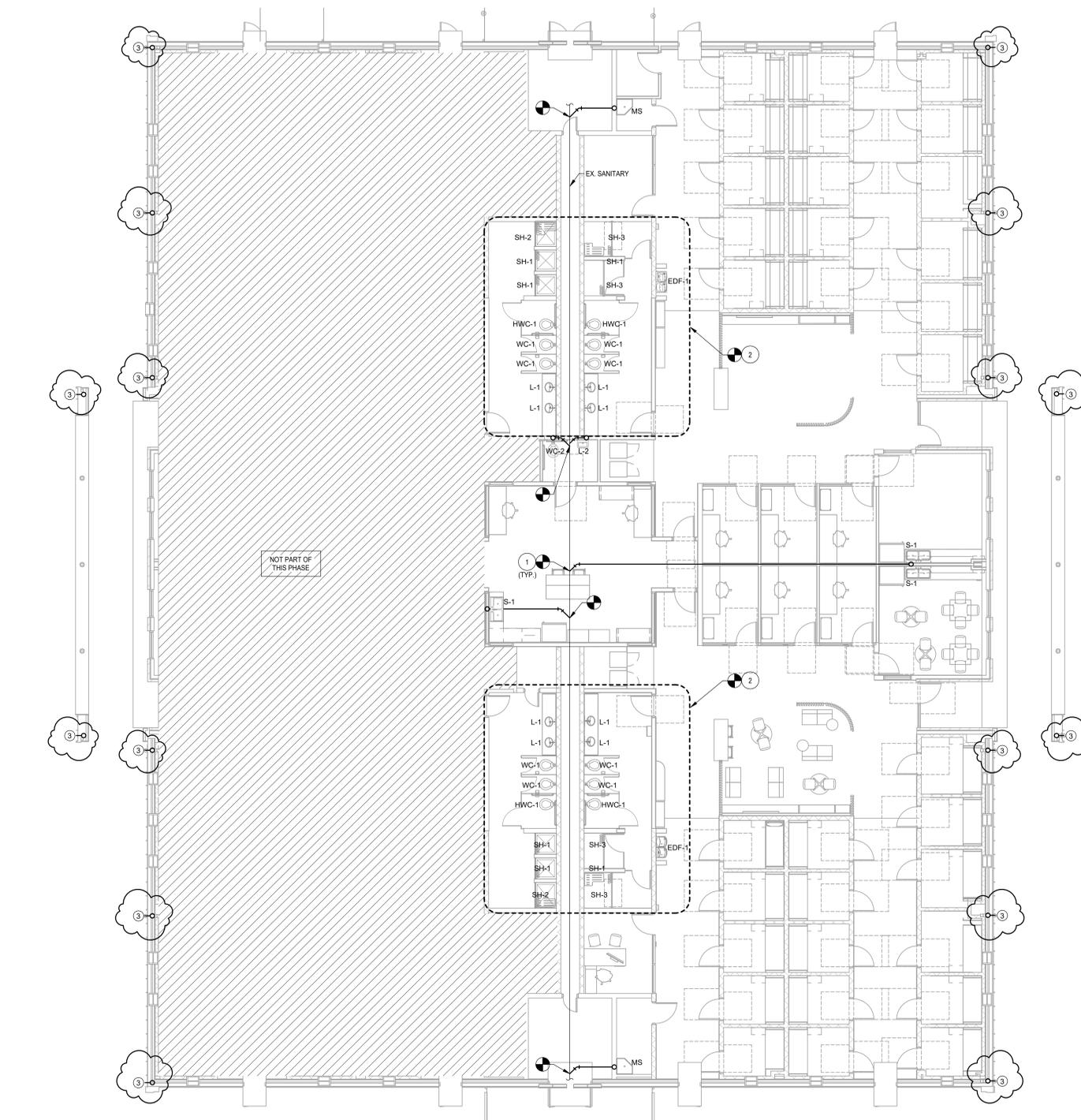
- A. CONTRACTOR SHALL FIELD VERIFY SEWER UTILITY CONNECTION SIZE, LOCATION, SLOPE, DIRECTION OF FLOW AND INVERT PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL FIELD CONDITIONS.
- B. UNDERGROUND NON-METALLIC SANITARY DRAINAGE PIPING LARGER THAN 2 INCHES IN DIAMETER SHALL BE INSTALLED WITH INSULATED COPPER TRACER WIRE OR OTHER APPROVED CONDUCTOR LOCATED ADJACENT TO THE PIPING. THE TRACER WIRE SHALL TERMINATE ABOVE THE GROUND AT EACH END OF THE NON-METALLIC PIPING. THE TRACER WIRE SIZE SHALL BE NOT LESS THAN 18 AWG AND THE INSULATION TYPE SHALL BE SUITABLE FOR DIRECT BURIAL.
- C. ALL PIPE, PIPE FITTINGS, TRAPS, FIXTURES, MATERIAL AND DEVICES USED IN THIS PLUMBING SYSTEM SHALL BE LISTED OR LABELED BY A LISTING AGENCY. EACH LENGTH OF PIPE AND EACH PIPE FITTING, TRAPS, FIXTURE, MATERIAL AND DEVICES USED IN THIS PLUMBING SYSTEM SHALL HAVE CAST, STAMPED, OR INDELIBLY MARKED ON IT THE MAKERS MARK OR NAME. SUCH MARKING IS REQUIRED BY THE APPROVED STANDARD THAT APPLIES.
- D. ALL FLOOR CLEAN OUTS, FLOOR SINKS, AND FLOOR DRAINS TO SET FLUSH WITH FINISHED FLOOR.
- E. ALL FLOOR DRAINS AND FLOOR SINKS SHALL HAVE TRAP PRIMERS PROVIDED OR AS DIRECTED BY THE LOCAL JURISDICTION.
- F. ALL INDIRECT WASTE PIPING INSTALLED WITH A LENGTH GREATER THAN 5'-0" SHALL HAVE A CLEANOUT PROVIDED. MAXIMUM LENGTH OF INDIRECT WASTE LINE SHALL BE 15'-0". FOR EACH REQUIRED EQUIPMENT INDIRECT WASTE CONNECTION, ROUTE INDIRECT WASTE PIPING FROM EQUIPMENT TO NEAREST FLOOR SINK. INDIRECT WASTE PIPING SHALL BE COPPER TYPE "DWV" WITH SOLDERED END DRAINAGE FITTINGS.
- G. ALL INDIRECT WASTE PIPING THAT EXCEEDS 30 INCHES IN DEVELOPED LENGTH MEASURED HORIZONTALLY, OR 54 INCHES IN TOTAL DEVELOPED LENGTH SHALL BE TRAPPED.
- H. ALL INDIRECT WASTES, CONDENSATE AND RELIEF VALVE DRAINS SHALL HAVE CODE APPROVED AIR GAPS.
- J. EACH VENT SHALL TERMINATE NOT LESS THAN 10 FT FROM OR 3 FT ABOVE ANY WINDOW, DOOR OPENING, AIR INTAKE OR VENT SHAFT, NOR LESS THAN 3 FT IN EVERY DIRECTION FROM ANY LOT LINE (ALLEY & STREET ACCEPTED).
- K. PROVIDE CHROME PLATED P-TRAP, TALLPIECE AND ESCUTCHEON AT EACH HAND SINK/LAVATORY WITH A DIRECT WASTE CONNECTION.
- L. ALL FLOOR SINKS SHALL HAVE HALF GRATE UNLESS NOTED OTHERWISE. FLOOR SINKS LOCATED BELOW EQUIPMENT SHALL BE A MINIMUM 50% EXPOSED AND SHALL BE INSTALLED FLUSH WITH FINISHED FLOOR OR AS DIRECTED BY LOCAL JURISDICTION.

GENERAL NOTES (WATER & GAS)

- A. CONTRACTOR SHALL FIELD VERIFY EXISTING WATER UTILITY CONNECTION SIZE AND LOCATION PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS.
- B. PLUMBING CONTRACTOR TO COORDINATE EXACT STREET WATER PRESSURE AND NOTIFY ENGINEER OF ANY DISCREPANCIES. CONTRACTOR SHALL PROVIDE A PRESSURE REDUCING VALVE (PRV) IF STREET WATER PRESSURE EXCEEDS 80 PSI. PRV SHALL BE INSTALLED ON BUILDING SIDE OF WATER METER AND SET TO 80 PSI.
- C. CONTRACTOR TO FIELD VERIFY EXISTING DOMESTIC WATER SYSTEM IS PROVIDED WITH A REDUCED PRESSURE BACKFLOW PREVENTER (RBP). IF NOT EXISTING, PROVIDE AN APPROVED RBP ASSEMBLY SIZED TO MATCH BUILDING WATER METER. INSTALL NEW RBP BETWEEN THE WATER METER AND THE BUILDING PER LOCAL JURISDICTIONS REQUIREMENTS.
- D. UNDERGROUND NON-METALLIC WATER AND IRRIGATION SYSTEM PIPING LARGER THAN 2 INCHES IN DIAMETER SHALL BE INSTALLED WITH INSULATED COPPER TRACER WIRE OR OTHER APPROVED CONDUCTOR LOCATED ADJACENT TO THE PIPING. THE TRACER WIRE SHALL TERMINATE ABOVE THE GROUND AT EACH END OF THE NON-METALLIC PIPING. THE TRACER WIRE SIZE SHALL BE NOT LESS THAN 18 AWG AND THE INSULATION TYPE SHALL BE SUITABLE FOR DIRECT BURIAL.
- E. MAKE SHUTOFF VALVES ACCESSIBLE NEAR THE EQUIPMENT THEY SERVE.
- F. ALL HAND SINKS/LAVATORIES SHALL BE PROVIDED WITH A THERMO-STATIC MIXING VALVE TO SUPPLY TEMPERED HW, MAX. 110 DEG. F.
- G. PROVIDE CHROME PLATED STOP VALVES AT EACH REQUIRED EQUIPMENT WATER CONNECTION. PROVIDE AGA COMPLIANT BALL VALVE AT EACH REQUIRED EQUIPMENT GAS CONNECTION.
- H. ALL POTABLE WATER OUTLETS WITH HOSE ATTACHMENTS AND HOSE BIBBS SHALL BE PROTECTED FROM CROSS CONNECTION W/ APPROVED BACKFLOW PREVENTION DEVICES.
- J. MINIMUM DEPTH OF GAS PIPING TO BE 24" BELOW GRADE. COORDINATE WITH LOCAL GAS COMPANY.
- K. GAS PIPING SHALL NOT BE INSTALLED IN OR ON THE GROUND UNDER ANY BUILDING.
- L. GAS PIPING SHALL NOT BE RUN IN HOLLOW CORE OF BLOCK.
- M. PROVIDE SHUT-OFF COCK, UNION, AND 6" LONG DIRT LEG WITH CAP AT EACH GAS LINE DROP TO APPLIANCE.
- N. DO NOT USE FLEXIBLE PIPE CONNECTIONS TO EQUIPMENT.
- P. ALL GAS PIPING UNDER ASPHALT OR CONCRETE PAVING ADJOINING BUILDING MUST BE SLEEVED IN GAS TIGHT VENTED PIPE IN ACCORDANCE WITH LOCAL GAS CODE.
- Q. ALL GAS PIPING MATERIALS, VALVES, FITTINGS, INSTALLATION AND TESTING SHALL COMPLY WITH LOCALLY ACCEPTED PLUMBING CODE AND GAS COMPANY REGULATIONS.
- R. VERIFY ALL GAS BTU/H INPUTS WITH ACTUAL BTU/H INPUT OF APPLIANCE SUPPLIED.
- S. A BUILDING SHUT OFF VALVE SHALL BE INSTALLED ON MAIN GAS LINE AT GAS METER.

KEYED NOTES

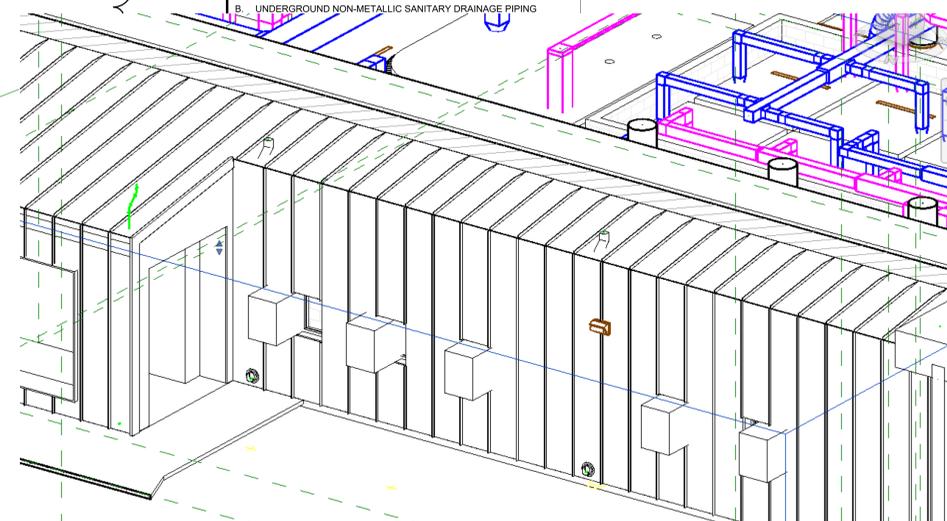
- 1. CONNECT NEW WASTE LINE TO EXISTING 4" WASTE LINE BELOW FLOOR AT THIS LOCATION. FIELD VERIFY EXACT SIZE, LOCATION, SLOPE, DIRECTION OF FLOW AND INVERT PRIOR TO INSTALLATION.
- 2. EXISTING PLUMBING FIXTURES TO BE REPLACED AT SAME LOCATION. RE-CONNECT PLUMBING LINES. FIELD VERIFY EXACT LOCATION.
- 3. TERMINATE ROOF DRAIN LINES THROUGH WALL WITH BRONZE DOWNSPOUT NOZZLE, JR SMITH 1775 OR EQUAL. SEE CIVIL DRAWINGS FOR CONTINUATION.



1 PLUMBING PLAN - WASTE
SCALE: 1/8" = 1'-0"

GENERAL NOTES (WASTE)

- A. CONTRACTOR SHALL FIELD VERIFY SEWER UTILITY CONNECTION SIZE, LOCATION, SLOPE, DIRECTION OF FLOW AND INVERT PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL FIELD CONDITIONS.
- B. UNDERGROUND NON-METALLIC SANITARY DRAINAGE PIPING

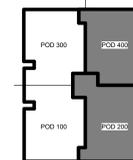


- C. CONTRACTOR SHALL FIELD VERIFY EXISTING DOMESTIC WATER SYSTEM IS PROVIDED WITH A REDUCED PRESSURE BACKFLOW PREVENTER (RPBP). IF NOT EXISTING, PROVIDE AN APPROVED RPBP ASSEMBLY SIZED TO MATCH BUILDING WATER METER. INSTALL NEW RPBP BETWEEN THE WATER METER AND THE BUILDING PER LOCAL JURISDICTION'S REQUIREMENTS.
- D. UNDERGROUND NON-METALLIC WATER AND IRRIGATION SYSTEM PIPING LARGER THAN 2 INCHES IN DIAMETER SHALL BE INSTALLED WITH INSULATED COPPER TRACER WIRE OR OTHER APPROVED CONDUCTOR LOCATED ADJACENT TO THE PIPING. THE TRACER WIRE SHALL TERMINATE ABOVE THE GROUND AT EACH END OF THE NON-METALLIC PIPING. THE TRACER WIRE SIZE SHALL BE NOT LESS THAN 18 AWG AND THE INSULATION TYPE SHALL BE SUITABLE FOR DIRECT BURIAL.
- E. MAKE SHUTOFF VALVES ACCESSIBLE NEAR THE EQUIPMENT THEY SERVE.
- F. ALL HAND SINKS/LAVATORIES SHALL BE PROVIDED WITH A THERMO-STATIC MIXING VALVE TO SUPPLY TEMPERED HW. MAX. 110 DEG. F.
- G. PROVIDE CHROME PLATED STOP VALVES AT EACH REQUIRED EQUIPMENT WATER CONNECTION. PROVIDE AGA COMPLIANT BALL VALVE AT EACH REQUIRED EQUIPMENT GAS CONNECTION.
- H. ALL POTABLE WATER OUTLETS WITH HOSE ATTACHMENTS AND HOSE BIBBS SHALL BE PROTECTED FROM CROSS CONNECTION W/ APPROVED BACKFLOW PREVENTION DEVICES.
- J. MINIMUM DEPTH OF GAS PIPING TO BE 24" BELOW GRADE. COORDINATE WITH LOCAL GAS COMPANY.
- K. GAS PIPING SHALL NOT BE INSTALLED IN OR ON THE GROUND UNDER ANY BUILDING.
- L. GAS PIPING SHALL NOT BE RUN IN HOLLOW CORE OF BLOCK.
- M. PROVIDE SHUT-OFF COCK, UNION, AND 6" LONG DIRT LEG WITH CAP AT EACH GAS LINE DROP TO APPLIANCE.
- N. DO NOT USE FLEXIBLE PIPE CONNECTIONS TO EQUIPMENT.
- P. ALL GAS PIPING UNDER ASPHALT OR CONCRETE PAVING ADJOINING BUILDING MUST BE SLEEVED IN GAS TIGHT VENTED PIPE IN ACCORDANCE WITH LOCAL GAS CODE.
- Q. ALL GAS PIPING MATERIALS, VALVES, FITTINGS, INSTALLATION AND TESTING SHALL COMPLY WITH LOCALLY ACCEPTED PLUMBING CODE AND GAS COMPANY REGULATIONS.
- R. VERIFY ALL GAS RETURN INPUTS WITH ACTUAL BTU/H INPUT OF APPLIANCE SUPPLIED.
- S. A BUILDING SHUT OFF VALVE SHALL BE INSTALLED ON MAIN GAS LINE AT GAS METER.

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KEYPLAN:



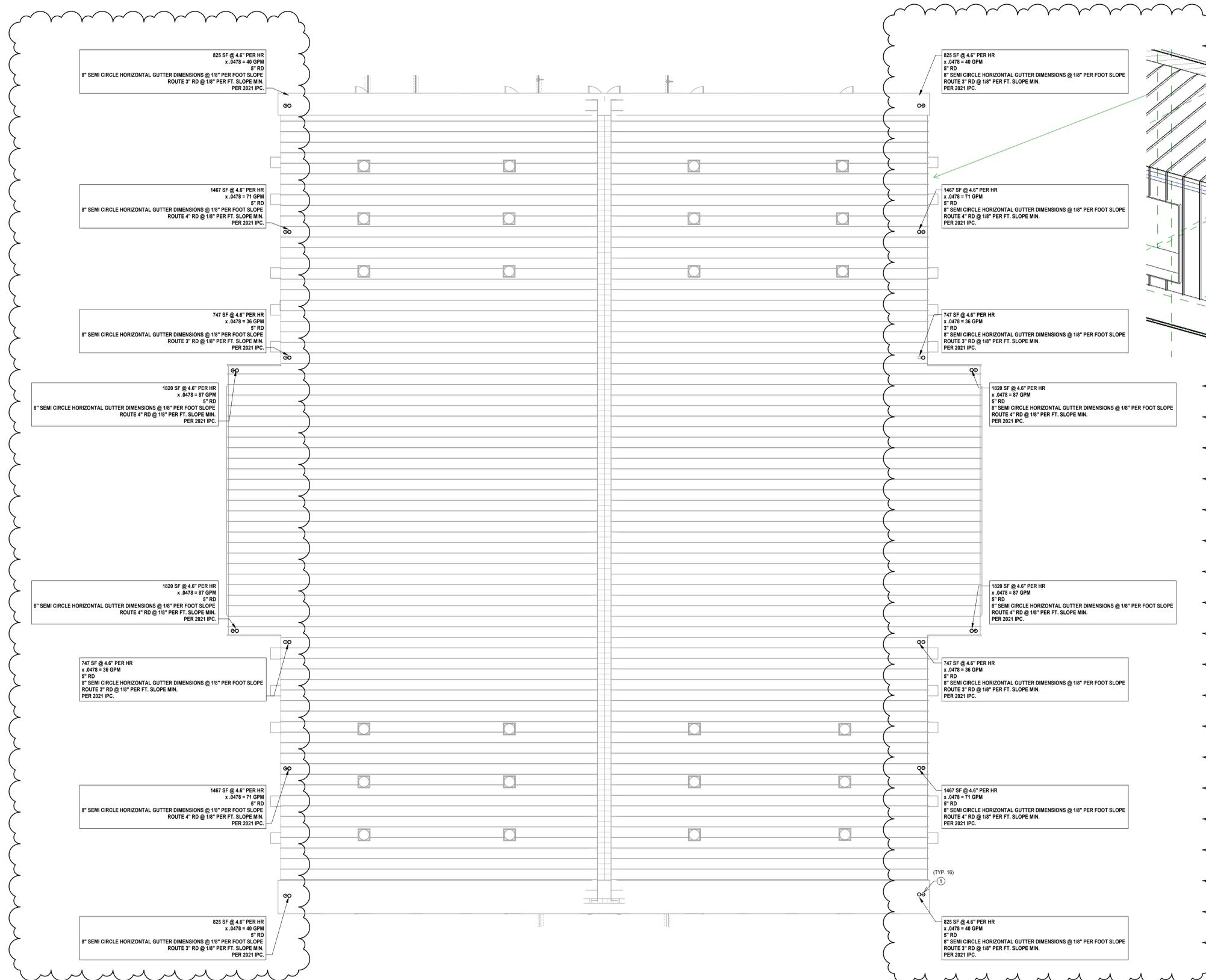
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KEYED NOTES

- 1. ROUTE ROOF DRAIN LEADERS DOWN WITHIN WALL AT THIS LOCATION. SEE SHEET P1.1 FOR CONTINUATION.
- 2. TERMINATE ROOF DRAIN LINES THROUGH WALL WITH BRONZE DOWNSPOUT NOZZLE, JR SMITH 1770 OR EQUAL. SEE CIVIL DRAWINGS FOR CONTINUATION.



1 PLUMBING ROOF PLAN
1/8" = 1'-0"

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DSM: MJ / JH
JOB NO: 240460
CHK: DEM

PLUMBING ROOF PLAN

Scale: AS NOTED

P1.3