

**PROJECT SUMMARY**

- NEW FREE STANDING SINGLE STORY 2,501 SQUARE FOOT WOOD FRAME BUILDING WITH FULL SITE DEVELOPMENT AND UTILITIES
- ALL EXTERIOR SIGNAGE TO BE SUBMITTED UNDER A SEPARATE PERMIT BY THE SIGNAGE CONTRACTOR.
- EXHAUST HOODS, REFRIGERATION, GAS AND HOOD SUPPRESSION SYSTEMS TO BE PERMITTED UNDER SEPARATED PERMIT BY A LICENSED CONTRACTOR

**APPLICABLE CODES**

- EXISTING: 2020 FLORIDA EXISTING BUILDING CODE
- BUILDING: 2020 FLORIDA BUILDING CODE (7th Edition)
- ACCESSIBILITY: FLORIDA ACCESSIBILITY CODE
- ENERGY: 2020 FLORIDA ENERGY CONSERVATION CODE
- FIRE: 2020 FLORIDA FIRE CODE
- ELECTRICAL: 2017 NATIONAL ELECTRICAL CODE
- MECHANICAL: 2020 FLORIDA MECHANICAL CODE
- PLUMBING: 2020 FLORIDA PLUMBING CODE

**BUILDING DATA**

OCCUPANCY: MIXED OCCUPANCY?  YES  NO  
 A2- RESTAURANT

OCCUPANT LOAD: 114 OCCUPANTS - REFER TO DET. C2/G000

CONSTRUCTION TYPE: V-B

SPRINKLED?  YES  NO

FIRE DISTRICT?  YES  NO

BUILDING HEIGHT: 18'-6" - (40'-0" ALLOWABLE HEIGHT)

NUMBER OF STORIES: 1

MEZZANINE:  YES  NO

GROSS BUILDING AREA:  
 GROSS SHELL BUILDING: 3,409 S.F.  
 EXTERIOR COVERED AREAS (EXCLUDED): (1,031 S.F.)  
 TOTAL BUILDING AREA: 3,409 S.F.

ALLOWABLE AREA: TABLE 506.2 - 6000 S.F.  
 AREA INCREASE?  YES  NO

**FIRE RESISTANCE RATINGS**

30 FEET CLEAR ACCESS AROUND BUILDING

| ASSEMBLY                   | REQUIRED | PROVIDED |
|----------------------------|----------|----------|
| PARTY / FIREWALL           | N/A      | N/A      |
| EXTERIOR BEARING WALL      |          |          |
| FRONT                      | 0 HR     | 0 HR     |
| RIGHT SIDE                 | 0 HR     | 0 HR     |
| REAR                       | 0 HR     | 0 HR     |
| LEFT SIDE                  | 0 HR     | 0 HR     |
| EXTERIOR NON-BEARING WALLS |          |          |
| FRONT                      | N/A      | N/A      |
| RIGHT SIDE                 | N/A      | N/A      |
| REAR                       | N/A      | N/A      |
| LEFT SIDE                  | N/A      | N/A      |
| INTERIOR WALLS             |          |          |
| BEARING                    | N/A      | N/A      |
| NON-BEARING                | 0 HR     | 0 HR     |
| TENANT SEPARATION          | N/A      | N/A      |
| CEILING/FLOOR ASSEMBLY     | N/A      | N/A      |
| BEAMS                      | 0 HR     | 0 HR     |
| COLUMNS                    | 0 HR     | 0 HR     |
| CEILING/ROOF ASSEMBLY      | 0 HR     | 0 HR     |
| VERTICAL SHAFTS            | N/A      | -        |
| CHASES                     | N/A      | -        |
| MIXED OCCUPANCY SEPARATION | N/A      | -        |
| TENANT SEPARATION          | N/A      | -        |

**LIFE SAFETY SYSTEM**

EMERGENCY LIGHTING:  YES  NO

EXIT SIGNS:  YES  NO

FIRE ALARM SYSTEM:  YES  NO

SMOKE DETECTION SYSTEM:  YES  NO

PANIC HARDWARE:  YES  NO

**EXIT REQUIREMENTS**

REFER TO DRAWING C1/G000 FOR EXIT REQUIREMENTS AND LIFE SAFETY PLAN

**TOILET FACILITIES**

TOTAL = 138 PEOPLE  
 MALE = 69  
 FEMALE = 69

PER PLUMBING TABLE 403.1  
 REQUIRED: WC URINALS LAV  
 MEN'S 1 - 1  
 WOMEN'S 1 - 1

PROVIDED: WC URINALS LAV  
 MEN'S 1 - 1  
 WOMEN'S 1 - 1

**STRUCTURAL DESIGN LOADS**

SEE STRUCTURAL DRAWINGS

**SPECIAL INSPECTIONS**

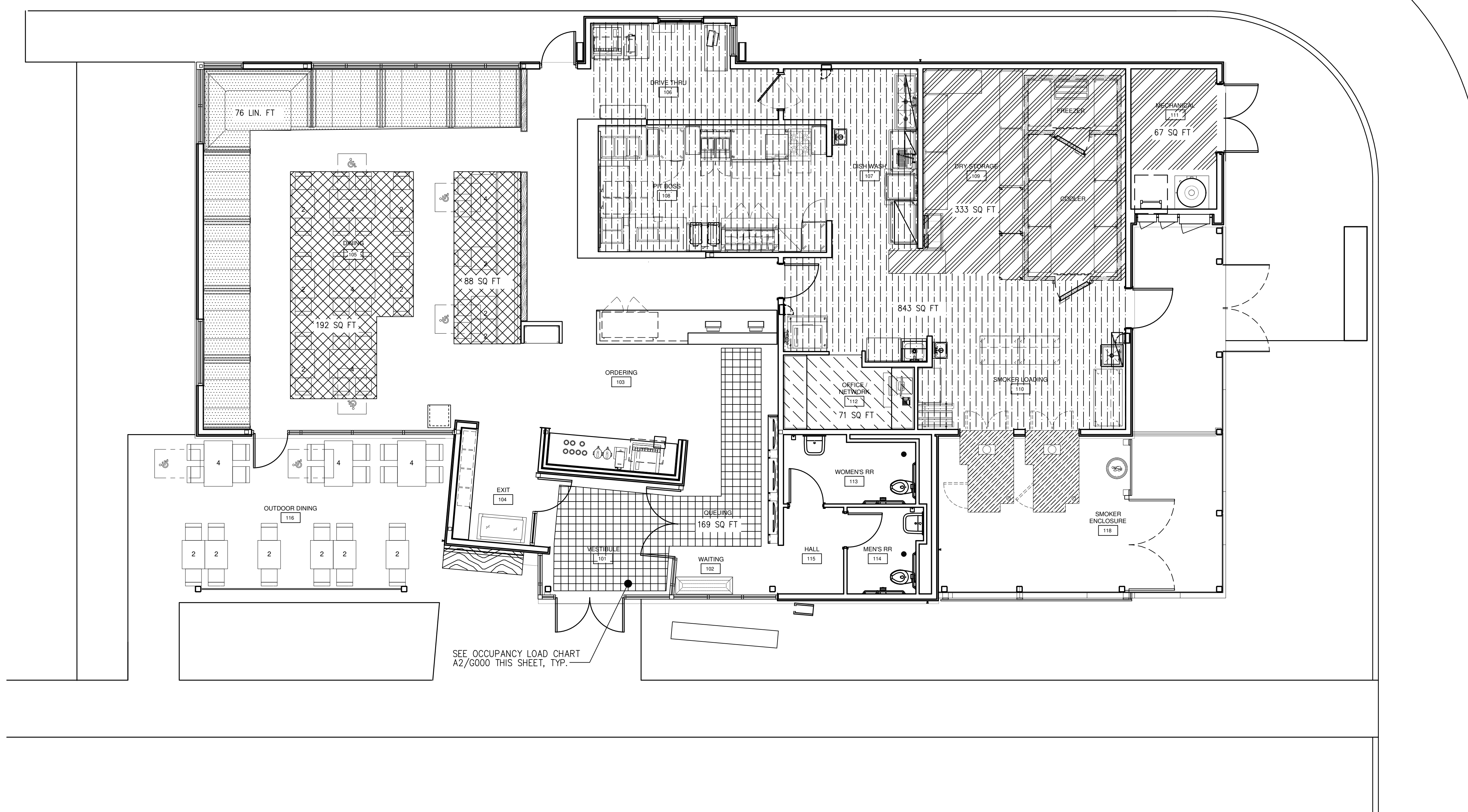
NO SPECIAL INSPECTIONS REQUIRED

**PARKING SPACES**

SEE CIVIL DRAWINGS BY OTHERS

**C1 LIFE SAFETY PLAN**

3/16" = 1'-0"



**C2 OCCUPANCY PLAN**

3/16" = 1'-0"



**A5 CODE ANALYSIS**

| OCCUPANCY LOAD   |   |                   |      |                      |          |      |
|--|---|-------------------|------|----------------------|----------|------|
| MARK   | SPACE   | BY SQUARE FOOTAGE |      | BY SEAT COUNT        |          |      |
|  |   | TABLE 1004.11     | S.F. | TABLE SIZE           | QUANTITY | SEAT |
| UNHATCHED  | CIRCULATION / EXIT / TOILETS (NOT OCCUPIABLE)   | -                 | 0    | 2 TOP TABLE-24x30    | 2        | 12   |
| [Hatched]  | QUEING- 1 PER 5 S.F.                            | 169 S.F.          | 34   | 4 TOP TABLE          | 1        | 4    |
| [Hatched]  | MOVABLE SEATING AREA- 1 PER 15 S.F.             | 280 S.F.          | 19   | 4 TOP ADA TABLE      | 4        | 16   |
| [Hatched]  | OFFICE - 1 PER 100 S.F.                         | 71 S.F.           | 1    | BOOTH - 30x48        | 4        | 16   |
| [Hatched]  | KITCHEN / FOOD PREP / SERVING - 1 PER 200 S.F.  | 843 S.F.          | 5    | BOOTH - 30x60        | 3        | 15   |
| [Hatched]  | STORAGE AREA - 1 PER 300 S.F.                   | 790 S.F.          | 2    | BOOTH - 42x70        | 1        | 7    |
| [Hatched]  | DINING AREA (BOOTH FIXED SEATING) - 1 PER 2'-0" | 76 L.F.           | 38   | TABLE TOTAL          | 21       | 70   |
|  |   |                   |      | EMPLOYEES            |          | 10   |
|  |   |                   |      | QUEING               |          | 34   |
|  |   |                   |      | TOTAL:               |          | 114  |
| <b>WORST CASE TOTAL = 114</b>                                    |   |                   |      |                      |          |      |
| HANDICAP REQUIRED - INTERIOR SEATING: 70 x 5% = 3.5 (4) PROVIDED |   |                   |      | OUTSIDE SEATING:     |          | 8    |
| EXTERIOR SEATING: 24 x 5% = 1.2 (2) PROVIDED                     |   |                   |      | TOTAL PLUMBING LOAD: |          | 138  |

**A2 LIFE SAFETY LEGEND**

- N.T.S.
- ROOM 101, 150 SF, 15
  - ROOM NAME, NUMBER AND SQUARE FOOTAGE
  - ROOM OCCUPANT LOAD
  - EXIT TRAVEL PATH
  - DOOR EGRESS: EXIT CAPACITY - EXIT WIDTH REQUIRED - EXIT WIDTH PROVIDED
  - EXIT SIGN
  - F.E. RECESSED FIRE EXTINGUISHER CABINET
  - F.E. SEMI-RECESSED FIRE EXTINGUISHER CABINET
  - F.E. SURFACE MOUNTED FIRE EXTINGUISHER CABINET
  - F.E. FIRE EXTINGUISHER
  - 0.5 HALF HOUR FIRE RESISTANCE RATED WALL ASSEMBLY
  - 1 ONE HOUR FIRE RESISTANCE RATED WALL ASSEMBLY
  - 2 TWO HOUR FIRE RESISTANCE RATED WALL ASSEMBLY
  - 3 THREE HOUR FIRE RESISTANCE RATED WALL ASSEMBLY
- (SEE PARTITION TYPES SHEET A602 FOR WALL ASSEMBLY)

**A1 LIFE SAFETY LEGEND**

- N.T.S.

**RIB CRIB GEN 6 PROTOTYPE**  
 Location: GATEWAY CROSSING, CENTURION WAY  
 LAKE CITY, FLORIDA 32055  
 Drawing: LIFE SAFETY / OCCUPANCY PLANS  
 and CODE ANALYSIS



Revisions

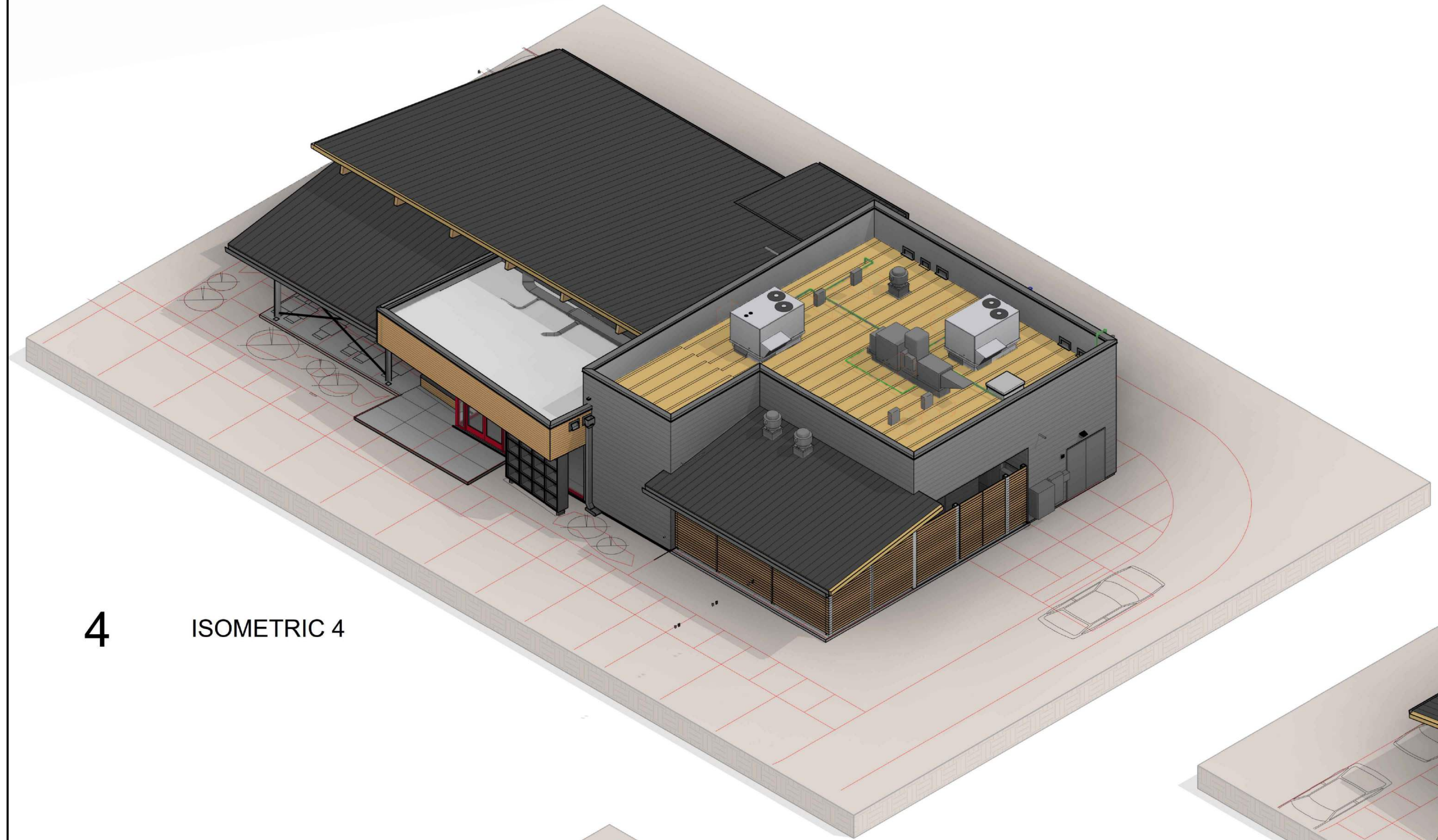
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PROJECT DATE: 08/12/2022

Drawn By: CDK

Checked By: INRD

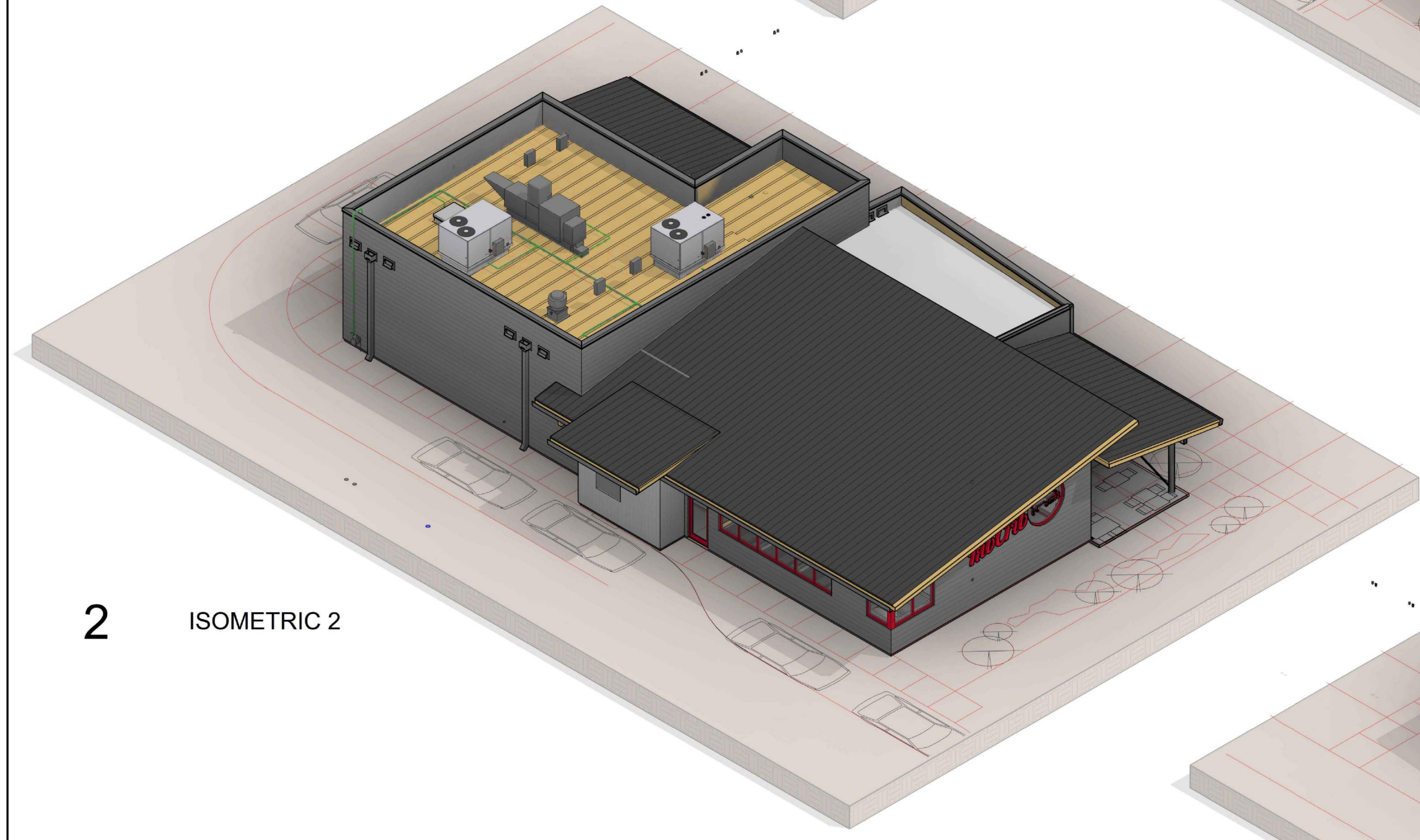
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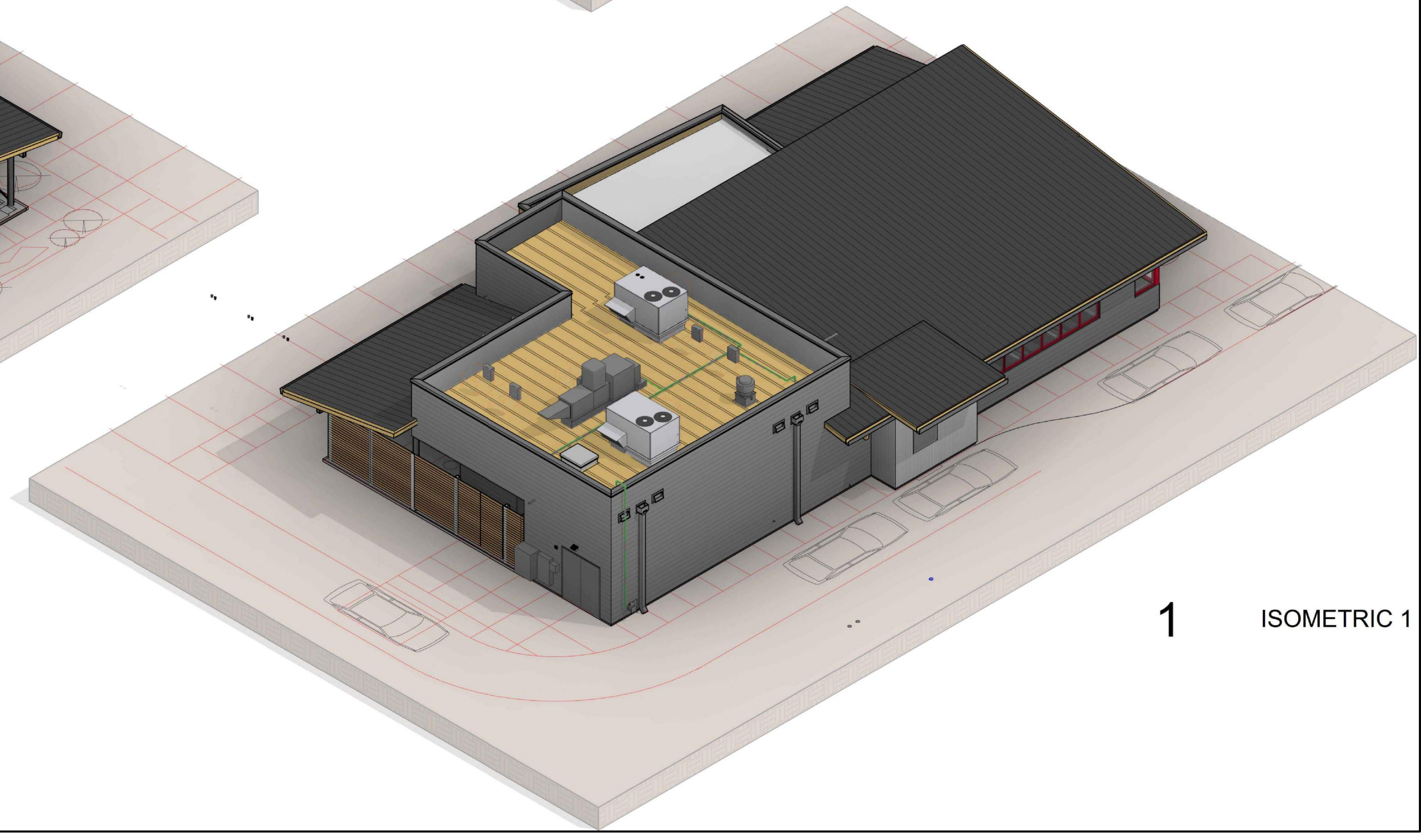
4 ISOMETRIC 4



3 ISOMETRIC 3



2 ISOMETRIC 2



1 ISOMETRIC 1

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA, 32055  
Drawing: 3D ISOMETRIC VIEWS



Revisions

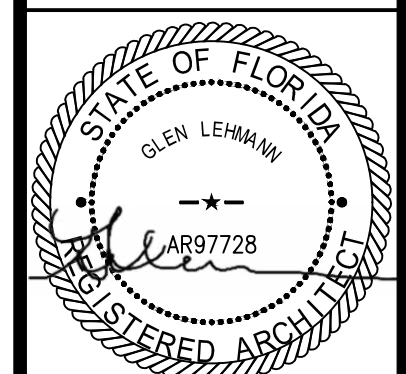
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PROJECT DATE  
08/12/2022

Drawn By

Checked By

Sheet No.  
**G001**



8/12/22

| ROOM NUMBER | ROOM NAME AND NUMBER   | WB-88 | PARTITION TYPE         |
|-------------|------------------------|-------|------------------------|
| 101         |                        |       |                        |
| 101         | DOOR NUMBER            |       | ENLARGED PLAN / DETAIL |
| X           | GLAZING / FRAME TYPE   |       | GRIDLINE               |
| X           | EQUIPMENT NUMBER       |       | SECTION                |
| 1           | DEMOLITION NOTE        |       | BUILDING SECTION       |
| △           | REVISION TAG AND CLOUD |       | SPOT ELEVATION         |
| A1-A101     | INTERIOR ELEVATION     |       |                        |
| A1-A101     | BUILDING ELEVATION     |       |                        |

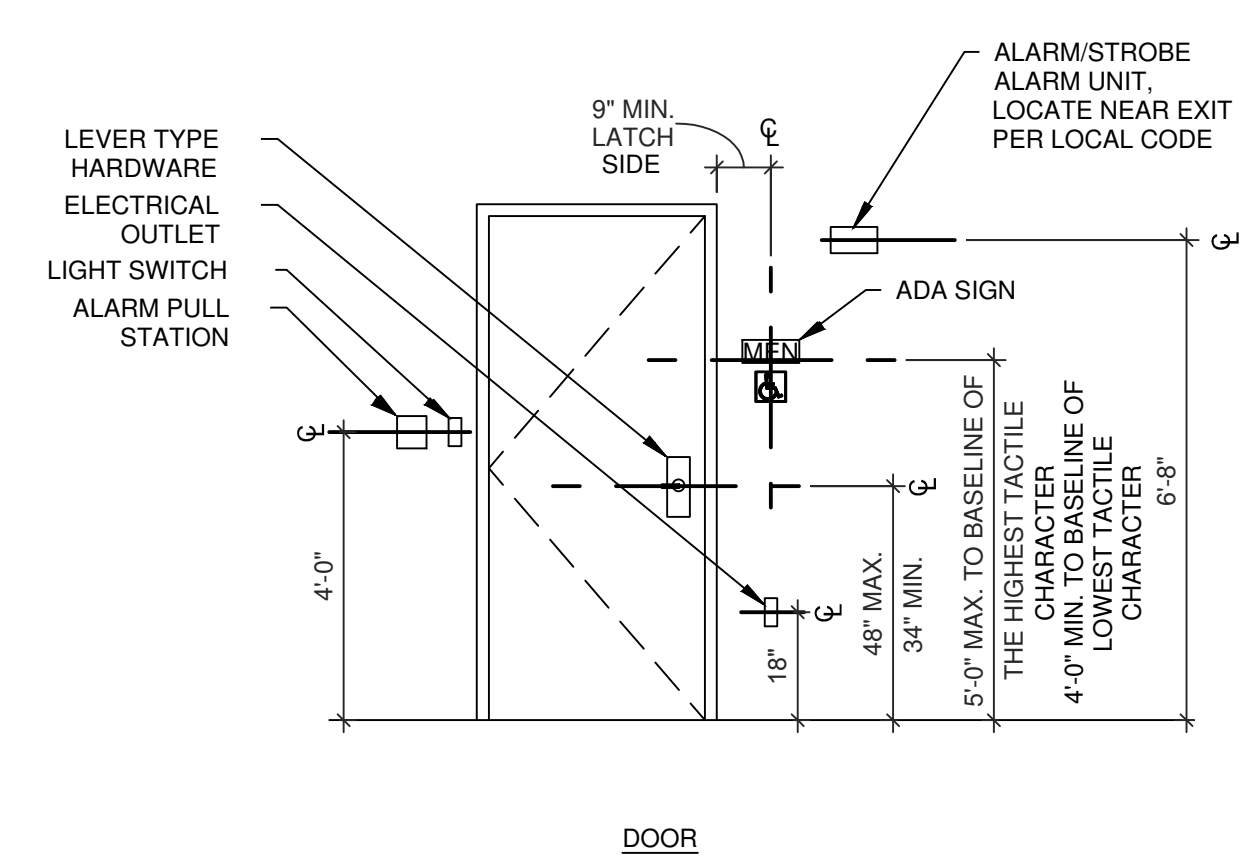
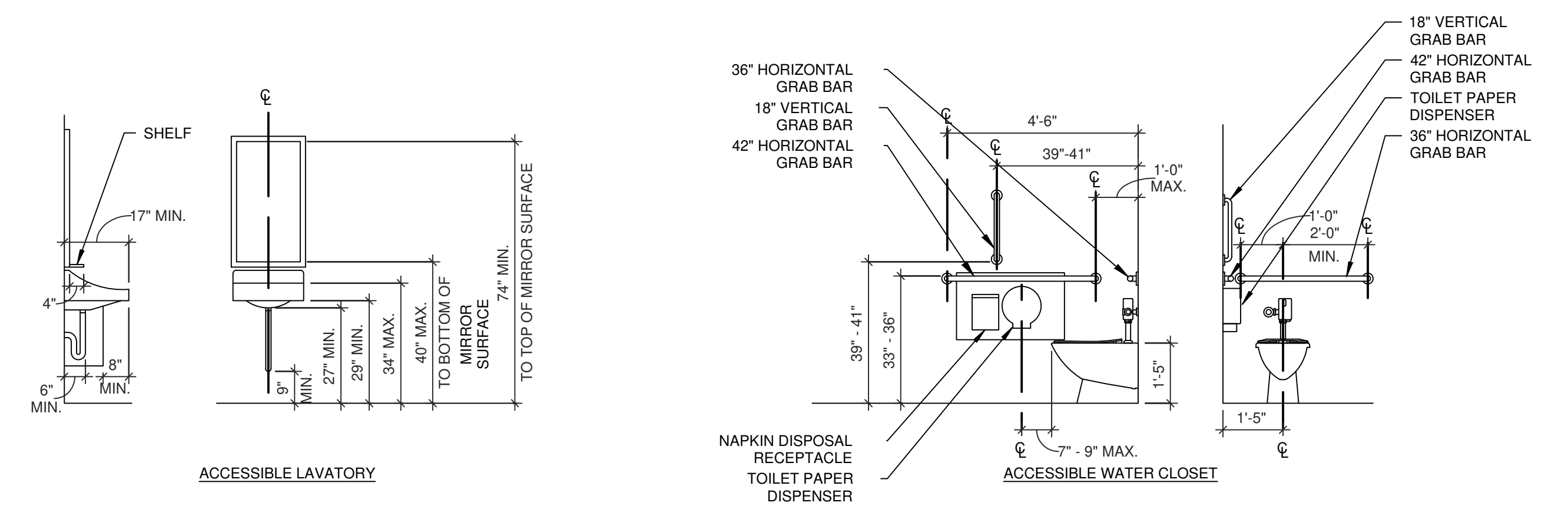
### 4 SYMBOLS LEGEND

- PERFORM WORK IN COMPLIANCE WITH ALL APPLICABLE ACCESSIBILITY, FEDERAL, STATE AND LOCAL CODES AND ORDINANCES. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOR CLARIFICATION.
- REFER TO SPECIFICATIONS FOR MATERIALS AND STANDARDS OF CONSTRUCTION.
- COORDINATE WITH ALL TRADES PRIOR TO CONSTRUCTION TO ENSURE PROPER SEQUENCING OF THE WORK.
- VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING, FABRICATION AND CONSTRUCTION. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOR CLARIFICATION.
- DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT OF ANY DIMENSIONAL DISCREPANCIES FOR CLARIFICATION.
- DIMENSIONS UNLESS NOTED OTHERWISE: TO FACE OF CONCRETE OR MASONRY WORK; TO CENTERLINE OF COLUMNS OR OTHER GRID POINT; TO CENTERLINE OF PARTITIONS AND FRAMED WINDOW AND DOOR OPENINGS; TO FINISH FACES OF CLEAR WIDTHS.
- VERIFY SIZE, CHARACTERISTICS, AND REQUIRED CLEARANCES OF ALL EQUIPMENT TO BE FURNISHED WITH MANUFACTURERS OR SUPPLIERS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOR CLARIFICATION.
- PROVIDE BLOCKING AND GROUNDS AS SPECIFIED FOR BUILT-IN AND SURFACE MOUNTED ITEMS PRIOR TO APPLYING WALL SURFACING MATERIALS.
- CONCEAL ALL PLUMBING, DUCTWORK, CONDUIT, WIRE, AND SIMILAR ITEMS UNLESS NOTED OTHERWISE.

### 3 GENERAL PROJECT NOTES

### 2 ABBREVIATIONS

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### 1 ACCESSIBILITY REQUIREMENTS

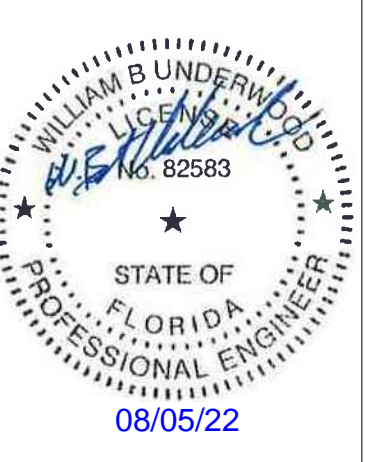
N.T.S.

- ALL MANUALLY OPERATED FIXTURES TO BE LEVER TYPE CONTROL.
- GRAB BAR AND SEAT SHALL WITHSTAND A LOAD OF NOT LESS THAN 250 POUNDS APPLIED AT ANY POINT.
- PROVIDE 1 1/2\"/>

**RIB CRIB GEN 6 PROTOTYPE**  
 Location: GATEWAY CROSSING, CENTURION WAY  
 LAKE CITY, FLORIDA 32055  
 Drawing: GENERAL PROJECT INFORMATION



| Revisions     |            |
|---------------|------------|
| THRU ADDENDUM | " "        |
| PROJECT DATE  | 08/12/2022 |
| Drawn By      | CDK        |
| Checked By    | NRD        |
| Sheet No.     | G002       |



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RIB CRIB GEN 6 PROTOTYPE
Location: GATEWAY CROSSING, CENTURION WAY LAKE CITY, FLORIDA 32055
Drawing: GENERAL NOTES

Revisions

Table with columns: NUMBER, ISSUE DATE, REVISION

PROJECT DATE
08.05.2022

Drawn By
BH

Checked By
SDH

Sheet No.

S001

DIVISION 6 - WOOD FRAMING

- 1. ALL WOOD PLATES BEARING ON CONCRETE OR MASONRY SHALL BE PRESSURE TREATED LUMBER.
2. ALL METAL CONNECTORS SHALL MEET THE FOLLOWING:
A. CLIPS AND FASTENERS SHALL BE CORROSION RESISTANT.
B. RATED TO PROVIDE LOAD RESISTANCE EQUAL TO CLIP SHOWN ON THE PLANS.
C. APPROVED BY I.C.C. AND OTHER REQUIRED LOCAL CODE AGENCIES.
D. INSTALLED AS RECOMMENDED BY THEIR MANUFACTURER.
3. ALL WOOD TRUSSES OR JOIST AND RAMPERS SHALL BE FASTENED TO TOP PLATE WITH ONE (1) SIMPSON H3 AND ONE (1) SIMPSON A36 METAL CLIP OR APPROVED EQUAL UNO.

DIVISION 6 - WOOD TRUSSES

- 1. ALL MEMBERS SHALL BE CUT FROM LUMBER WHICH BEARS THE PROPER GRADE MARK STAMP OF A RECOGNIZED GRADING ASSOCIATION OR LICENSED LUMBER INSPECTION AGENCY.
2. NO LUMBER SHALL BE USED WHICH DOES NOT APPEAR TO CONFORM TO THE PROPER DIMENSION AND/OR GRADE.
3. WOOD TRUSSES ARE TO BE DESIGNED NAIL PLATE TRUSSES IN ACCORDANCE WITH THE GUIDELINES OF THE TRUSS PLATE INSTITUTE. TRUSS CONNECTORS SHALL BE MANUFACTURED FROM ONLY PRIME, COMMERCIAL QUALITY GALVANIZED STEEL, OF NO LESS THAN 26-GAUGE THICKNESS, WHICH HAS MINIMUM YIELD STRENGTH OF 33 KSI AND A MINIMUM ULTIMATE TENSILE STRENGTH OF 58 KSI. CORROSION RESISTANT COATING SHALL BE 1-1/4 OZ. PER SQUARE FOOT. COMMERCIAL CLASS HOT-DIPPED GALVANIZED OR EQUIVALENT.
4. HANGERS FOR WOOD MEMBERS SHALL BE AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY OR EQUAL. SIZES AND THICKNESS OF MATERIAL TO BE DETERMINED BY THE LOADING CONDITIONS AS DETERMINED BY THE TRUSS ENGINEER.

DIVISION 6 - WOOD ROOF SHEATHING

- 1. ALL ROOF SHEATHING SHALL BE PLACED IN SUCH A MANNER TO STAGGER ALL END JOINTS OF PANELS AND WITH LONG DIRECTION PERPENDICULAR TO SUPPORTS. ALUMINUM PANEL CLIPS SHALL BE PLACED AT MID-SPAN OF PANELS BETWEEN EACH TRUSS. AS DECKING IS BEING LAID, INSTALLER SHALL LEAVE 1/8" SPACE AT ALL PANELS AND END JOINTS, UNLESS OTHERWISE RECOMMENDED BY MANUFACTURER.
2. FASTENING REQUIREMENTS FOR DECKING TO SUPPORTS SHALL BE IN COMPLIANCE WITH THE AMERICAN WOOD PRESSES ASSOCIATION'S (AWPA) RECOMMENDED MINIMUM FASTENING SCHEDULE FOR APA PANEL, ROOF (OR WALL) SHEATHING AS STATED HEREIN. SEE ROOF FRAMING PLAN (S-201) FOR ROOF SHEATHING FASTENING REQUIREMENTS, CLIPS AND FASTENERS SHALL BE CORROSION RESISTANT.
3. COVER SHEATHING AS SOON AS POSSIBLE WITH ROOFING FELT FOR PROTECTION AGAINST EXCESSIVE MOISTURE PNEUR TO ROOFING APPLICATION. PROTECTION MATERIAL SHALL BE APPROVED BY I.C.C. AND FOLLOW OTHER REQUIRED LOCAL CODE AGENCIES.

SUBMITTALS

- 1. TRANSMIT SUBMITTALS SUFFICIENTLY IN ADVANCE OF RELATED CONSTRUCTION ACTIVITIES TO AVOID UNNECESSARY DELAY. THE STRUCTURAL ENGINEER OF RECORD MAY WITHHOLD ACTION ON A SUBMITTAL REQUIRING COORDINATION WITH OTHER SUBMITTALS UNTIL ALL RELATED SUBMITTALS ARE RECEIVED.
2. THE GENERAL CONTRACTOR SHALL SUBMIT ONE ELECTRONIC PORTABLE DOCUMENT FORMAT (PDF) COPY OF ALL REQUIRED SUBMITTALS THROUGH THE ARCHITECT FOR REVIEW. THE ARCHITECT FOR REVIEW, BY THE STRUCTURAL ENGINEER OF RECORD, ONE COPY WILL BE KEPT BY THE STRUCTURAL ENGINEER OF RECORD AND AN ADDITIONAL COPY WILL BE RETURNED TO THE ARCHITECT. THE ARCHITECT WILL KEEP ONE COPY AND RETURN A COPY TO THE CONTRACTOR. THE CONTRACTOR WILL MAKE ADDITIONAL COPIES AS REQUIRED.
3. THE GENERAL CONTRACTOR SHALL SUBMIT, FOR ARCHITECT REVIEW, SHOP DRAWINGS FOR THE FOLLOWING ITEMS:
A. PRE-ENGINEERED WOOD TRUSSES AND ATTACHMENTS TO STRUCTURE (1-4)
B. CONCRETE MIX DESIGNS (3)
C. CONSTRUCTION JOINT LOCATIONS IN STRUCTURAL FLOORS, WALLS AND SLABS-ON-GRADE.
D. MISCELLANEOUS STEEL
E. REINFORCING STEEL
F. STRUCTURAL STEEL SHOP AND ERECTION DRAWINGS
G. SIP PANEL SHOP DRAWINGS
NOTES:
1. SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED PER THE PROJECT SPECIFICATIONS.
2. SHALL BE SUBMITTED TO THE ENGINEER FOR RECORD ONLY AND WILL NOT RECEIVE THE ENGINEER'S SHOP DRAWING STAMP
3. SHALL BE SUBMITTED TO THE ENGINEER AND THE OWNER'S TESTING AGENCY FOR REVIEW
4. ITEM IS DEFERRED SUBMITTAL WHICH HAS NOT BEEN COMPLETE AND IS TO BE SUBMITTED TO THE BUILDING OFFICIAL AND APPROVED PRIOR TO INSTALLATION. THE MANUFACTURER, CONSULTANT, OR CONTRACTOR, AS APPROPRIATE SHALL PROVIDE SUBMITTALS TO THE ENGINEER OF RECORD FOR REVIEW.
4. ALL SHOP DRAWINGS MUST BE REVIEWED AND ELECTRONICALLY STAMPED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTAL.

DIVISION 3 - CONCRETE

- 1. ALL CONCRETE SHALL CONFORM TO THE SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 301.
2. CONTRACTOR SHALL FOLLOW ACI 305.1 FOR HOT WEATHER CONCRETE, ACI 306.1 FOR COLD WEATHER CONCRETE PLACEMENT AND CURING GUIDELINES.
3. ARRANGEMENTS AND DETAIL OF REINFORCING BENDS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF PUBLICATION SP-66, "ACI DETAILING MANUAL" AND ACI 318, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE."
4. UNLESS NOTED OTHERWISE, BAR SIZES SHALL BE CLASS B UNLESS OTHERWISE NOTED. UNLESS OTHERWISE NOTED, ALL REINFORCING SHALL BE LAPPED LENGTH SCHEDULE, WHERE REQUIRED IN REINFORCING. SHORTER LAPS MAY BE ACCEPTABLE IF SPECIFIC LOCATIONS OF ALTERNATE LAPS ARE SHOWN ON THE REINFORCING PLACEMENT DRAWINGS AND CALCULATIONS ARE SUBMITTED BY A REGISTERED PROFESSIONAL ENGINEER, LICENSED TO PRACTICE IN THE STATE IN WHICH THE PROJECT IS LOCATED, JUSTIFYING THE ALTERNATE LAP LENGTHS.
5. PROVIDE SUITABLE WIRE SPACERS, CHAIRS, TIES, ETC. FOR SUPPORTING REINFORCING STEEL IN THE PROPER POSITION BEFORE PLACING CONCRETE.
6. ALL WELDED WIRE FABRIC SHALL BE LAPPED A MINIMUM OF 12" AT THE SIDING AND ENDS.
7. LOCATIONS AND SIZES OF OPENINGS, SLEEVES, ETC. REQUIRED FOR OTHER TRADES MUST BE VERIFIED BY THESE TRADES BEFORE CONCRETE CONCRETE.

Tables for LAP LENGTHS FOR SPLICES, REQUIRED CONCRETE STRENGTHS (28 DAY), REINFORCEMENT MATERIALS, and REINFORCEMENT COVER REQUIREMENTS.

DIVISION 5 - STRUCTURAL STEEL

- 1. STRUCTURAL STEEL SHALL MEET THE FOLLOWING MINIMUM YIELD STRENGTHS (Fy):
A. WIDE FLANGE SHAPES 50 KSI
B. OTHER SHAPES, PLATES AND ROOFS 50 KSI
C. SQUARE AND RECTANGULAR HSS 46 KSI
D. ANCHOR RODS 58 KSI
E. ALL THREADED RODS 36 KSI
F. HEADED STUD ANCHORS 65 KSI (TENSILE)
2. BOLTS FOR STEEL BEAM AND COLUMN CONNECTIONS SHALL BE 3/4" DIAMETER ASTM A325 HIGH-STRENGTH BOLTS INSTALLED SMUG TIGHT. UNO
3. WHERE FIELD AND SHOP WELDS ARE INDICATED ON THE DRAWINGS, THEY SHALL BE THE SIZE AND TYPE NOTED. ALL WELDING OF STRUCTURAL STEEL SHALL BE DONE IN ACCORDANCE WITH LATEST EDITION OF AWS D1.1 CORRESPONDING TO THE AISC SPECIFICATION USE, AND ALL WELDS INCLUDING FIELD WELDS SHALL BE MADE BY CERTIFIED WELDERS USING ER70X ELECTRODES.
4. WHERE FILLED WELD SIZES ARE NOT INDICATED ON WELD SYMBOLS, FILLET SIZE SHALL BE 1/8TH INCH SMALLER THAN THICKNESS OF THINNER MATERIALS BEING JOINED.
5. COMPLETE PENETRATION WELDS ARE INDICATED BY NOTATION "CP" ON WELD SYMBOLS, PARTIAL PENETRATION BY "PP".
6. PROVIDE DOUBLE NUTS AND DOUBLE WASHERS FOR STEEL COLUMN ANCHOR BOLTS TO ALLOW FOR ADJUSTMENT IN BASE PLATE ELEVATION.
7. COMPOSITE CONSTRUCTION STEEL BEAMS AND GIRDETS DO NOT REQUIRE SHORING.
8. DO NOT PAINT SURFACES WHICH RECEIVE WELDED STUDS.
9. EXPOSED STEEL LABELED AS ARCHITECTURALLY EXPOSED STEEL, REQUIRES HIGHER TOLERANCES FOR CONSTRUCTION. REFER TO SPECIFICATIONS SECTION 051200 FOR REQUIREMENTS. FLARE BEVEL WELDS FOR ARCHITECTURALLY EXPOSED TUBE SHAPED SECTIONS SHALL BE BEVELED 45 DEGREES, WELDED AND GRIND SMOOTH.
10. ALL STEEL MEMBERS NOTED OR INDICATED ON PLANS, ELEVATIONS, SECTIONS OR DETAILS SHALL BE SHOP ROLLED BY THE STEEL FABRICATOR. SHOP DRAWINGS SHALL INDICATE CURVATURE DATA AND FULL PENETRATION SPlice LOCATIONS.
11. REFERENCE SPECIFICATIONS FOR MISC. STEEL REQUIREMENTS NOT SHOWN ON STRUCTURAL PLANS.
12. TOUCH UP ALL FIELD WELDS ON GALVANIZED SURFACES WITH GALVANIZING REPAIR PAINT.
13. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR INCLUDING THE COSTS FOR ALL MISCELLANEOUS STEEL IN THEIR BID, REGARDLESS OF WHETHER THOSE ITEMS ARE INDICATED ON THE STRUCTURAL DRAWINGS. THESE COSTS SHALL INCLUDE, BUT NOT LIMITED TO, MISCELLANEOUS STEEL ITEMS SHOWN ON ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.
14. UNLESS DETAILED OTHERWISE OR REACTIONS ARE INDICATED, BEAM CONNECTIONS SHALL BE SELECTED TO SUPPORT ONE-HALF THE TOTAL UNIFORM LOAD CAPACITY SHOWN IN THE ALLOWABLE UNIFORM LOAD TABLES IN PART 3 OF THE AISC STEEL CONSTRUCTION MANUAL, 15TH EDITION. FOR THE GIVEN BEAM SIZE, SPAN AND STEEL SPECIFICATION OR FOR THE BEAM REACTION SHOWN ON THE DRAWINGS, WHICHEVER IS GREATER. THE MINIMUM BEAM CONNECTION SHALL NOT BE SMALLER THAN THOSE LISTED IN TABLES 10-1 AND 10-2 OF THE AISC STEEL CONSTRUCTION MANUAL, 15TH EDITION, FOR THE GIVEN BEAM DEPTH, BOLT DIAMETER AND WELD SPECIFICATION.
15. THE FABRICATOR SHALL BE RESPONSIBLE FOR THE DESIGN AND ADEQUACY OF ALL CONNECTIONS THAT ARE NOT DESIGNED OR FULLY DETAILED ON THE CONTRACT DOCUMENTS. SHOP DRAWINGS, DEPICING THE CONFIGURATIONS AND FABRICATION DETAILS, ALONG WITH CALCULATIONS, SEALED BY A REGISTERED PROFESSIONAL ENGINEER, LICENSED TO PRACTICE IN THE STATE IN WHICH THE PROJECT IS LOCATED, SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW.
16. UNLESS OTHERWISE INDICATED, BEAM REACTIONS SHOWN ON THE PLANS ARE DESIGN SERVICE LEVEL (ASD) GRAVITY (DEAD LOAD PLUS LIVE LOAD) SHEAR LOADS. ANY AXIAL OR OTHER LOADS REQUIRED MUST BE CONSIDERED IN ADDITION TO THE VERTICAL REACTIONS SHOWN.
17. THE MINIMUM DESIGN LOAD FOR ANY CONNECTION SHALL BE 8 KIPS (ASD) OR 10 KIPS (LRFD), REGARDLESS OF THE BEAM REACTIONS) SHOWN ON THE PLANS.
18. STEEL FRAMES ARE NON SELF-SUPPORTING AND COLUMN ANCHOR RODS ARE DESIGNED FOR A COMPLETED CONDITION ONLY. METAL ROOF DECK, BEAM TO COLUMN MOMENT CONNECTIONS, PORTAL FRAMES, AND DIAGONAL BRACES ARE REQUIRED TO PROVIDE LATERAL STABILITY FOR THE FRAME AND BUILDINGS. THIS INCLUDES RESISTANCE TO WIND AND SEISMIC FORCES DURING AND AFTER CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING REQUIRED TO MAINTAIN STABILITY UNTIL THE LATERAL FORCE RESISTING SYSTEM FOR THE BUILDING IS COMPLETE.
19. AT ROOF ACCESS LADDERS, PROVISION (2) 0810.2 VERTICALS IN STUD WALL. SEE ARCH FOR LOCATIONS.
20. FIELD CUTTING, DRILLING OR OTHER MODIFICATION OF STRUCTURAL STEEL COMPONENTS IS NOT PERMITTED WITHOUT WRITING APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD. WHERE BEAM PENETRATIONS CANNOT BE AVOIDED OR WHERE CUTTING IS REQUIRED, THE CONTRACTOR SHALL SUBMIT TO THE STRUCTURAL ENGINEER OF RECORD ALL PERTINENT INFORMATION INCLUDING PENETRATION SHAPE, SIZE, LOCATION AND METHOD OF CUTTING OPENINGS.
21. ALL STEEL MEMBERS EXPOSED TO WEATHER SHALL BE GALVANIZED OR PAINTED WITH THERMEX EPOXY SYSTEM OR SIMILAR SYSTEM MEETING THE REQUIREMENT FOR PAINTING STRUCTURAL STEEL IN THE PROJECT SPECIFICATIONS. ALL OTHER STEEL MEMBERS SHALL BE FURNISHED WITH A SHOP COAT OF THERMEX RED OR GRAY OXIDE PRIMER OR SIMILAR SYSTEM MEETING THE REQUIREMENT FOR PAINTING STRUCTURAL STEEL IN THE PROJECT SPECIFICATIONS. ALL PRIMERS SHALL BE COMPATIBLE WITH TOP COATINGS SPECIFIED.

DESIGN PARAMETERS

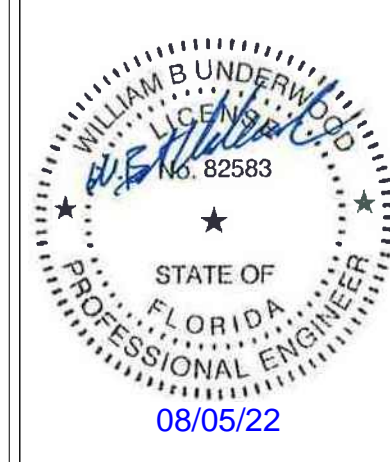
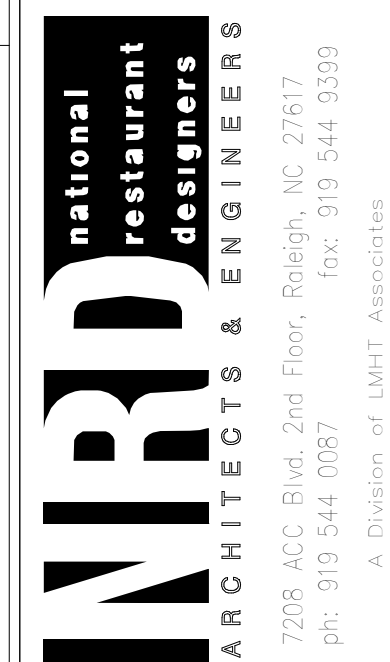
- 1. BUILDING CODE: 2018 INTERNATIONAL BUILDING CODE
2. DEAD LOADS:
A. ROOF: 20 PSF
3. LIVE LOADS:
A. ROOF: 20 PSF (UNIFORM)
4. WIND LOADS:
A. BASIC WIND SPEED (3 SECOND GUST): 120 MPH
B. RISK CATEGORY: I
C. EXPOSURE CLASSIFICATION: C
D. INTERNAL PRESSURE COEFFICIENT: +/- 0.18
E. BASIC WIND PRESSURE (q@UNFACTORED): 25.4 PSF
Ultimate Design Wind Pressure (psf):
Effective Wind Area (sq ft)
Walls: 10, 20, 50, 100, 200, 500
Interior: Zone 4, Edge: Zone 5
Roof: 10, 20, 50, 100, 200, 500
Interior: Zone 1, Edge: Zone 2
Corner: Zone 3
Overhang: 10, 20, 50, 100, 200, 500
Edge: Zone 2, Corner: Zone 3
Parapet: 10, 20, 50, 100, 200, 500
Edge: Zone 2, Corner: Zone 3
5. SEISMIC LOADS:
A. SPECTRAL RESPONSE ACCELERATION (SHORT PERIOD), Ss: 0.086 g
B. SPECTRAL RESPONSE ACCELERATION (1-SEC. PERIOD), S1: 0.061 g
C. SPECTRAL RESPONSE COEFFICIENT, Ss: 0.086
D. SPECTRAL RESPONSE COEFFICIENT (1-SEC. PERIOD), S1: 0.082 g
E. SITE CLASS: D
F. IMPORTANCE FACTOR, I: 1.0
G. SEISMIC DESIGN CATEGORY: B
H. BASIC STRUCTURAL SYSTEM AND SEISMIC RESISTING SYSTEM: WOOD SHEARWALLS SHEATHED WITH WOOD STRUCTURAL PANELS
I. RESPONSE MODIFICATION FACTOR, R: 6.5
J. SYSTEM OVER-STRENGTH FACTOR, W: 1.0
K. DEFLECTION AMPLIFICATION FACTOR, Cd: 4
L. ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE
6. FOUNDATIONS (IF GEOTECH REPORT IS NOT PROVIDED): ISOLATED AND CONTINUOUS FOUNDATIONS HAVE BEEN DESIGN FOR AN ASSUMED ALLOWABLE NET BEARING PRESSURE OF 1500 PSF. THE OWNER AND/OR CONTRACTOR IS RESPONSIBLE FOR VERIFYING THESE ASSUMPTIONS WITH ACTUAL CONDITIONS PRIOR TO CONSTRUCTION OR BUILD AT THEIR OWN RISK. ACHIEVING AN ALLOWABLE BEARING PRESSURE DOES NOT PRECLUDE THE BUILDING FROM BEING SUBJECT TO DIFFERENTIAL MOVEMENT. SHOULD THE OWNER BE CONCERNED, THEY SHALL ENGAGE THE SERVICES OF A LICENSED GEOTECHNICAL ENGINEER TO INVESTIGATE AND PROVIDE RECOMMENDATIONS.

GENERAL

- 1. STRUCTURAL DRAWINGS ARE NOT STAND-ALONE DOCUMENTS AND ARE INTENDED TO BE USED IN CONJUNCTION WITH CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND DRAWINGS FROM OTHER DISCIPLINES. THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS INTO THE SHOP DRAWINGS AND FIELD WORK.
2. WHERE CONFLICTS OCCUR BETWEEN ANY OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.
3. WHERE MEMBER LOCATIONS ARE NOT SPECIFICALLY DIMENSIONED, THE FOLLOWING RULES SHALL APPLY:
A. DO NOT SCALE DRAWINGS.
B. COLUMNS ARE CENTERED ON GRID LINES.
C. FOOTINGS ARE CENTERED BENEATH COLUMNS.
D. CONTINUOUS FOOTINGS ARE CENTERED BENEATH WALLS.
E. FRAMING MEMBERS ARE EITHER LOCATED ON GRID LINES OR ARE EQUALLY SPACED BETWEEN LOCATED MEMBERS.
4. ALL STRUCTURAL ELEMENTS OF THE PROJECT HAVE BEEN DESIGNED BY THE STRUCTURAL ENGINEER TO RESIST THE REQUIRED CODE VERTICAL AND LATERAL FORCES THAT COULD OCCUR IN THE FINAL COMPLETED STRUCTURE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL REQUIRED BRACING DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF ALL STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PROCESS UNTIL THE LATERAL LOAD RESISTING OR STABILITY-PROVIDING SYSTEM IS COMPLETELY INSTALLED AND THE STRUCTURE IS COMPLETELY TIED TOGETHER.
5. THE STRUCTURE HAS BEEN DESIGNED FOR THE LOADS IDENTIFIED WITHIN THESE STRUCTURAL DRAWINGS THAT ARE ANTICIPATED TO BE APPLIED TO THE FINAL STRUCTURE ONCE COMPLETED AND OCCUPIED. THE CONTRACTOR SHALL NOT OVERLOAD THE STRUCTURE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING THE ADEQUACY OF THE STRUCTURE TO SUPPORT ANY APPLIED CONSTRUCTION LOADS, INCLUDING THOSE DUE TO CONSTRUCTION VEHICLES OR EQUIPMENT, MATERIAL HANDLING OR STORAGE, SHORING AND RESHORING, OR ANY OTHER PROPOSED CONSTRUCTION LOADS THAT ARE IN EXCESS OF THE STATED DESIGN LOADS. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE TO DESIGN OR CHECK THE STRUCTURE FOR LOADS APPLIED TO THE STRUCTURE FOR ANY CONSTRUCTION ACTIVITY.
6. WEIGHTS OF MECHANICAL EQUIPMENT SHOWN ON THE STRUCTURAL PLANS ARE FOR UNITS SPECIFIED BY THE MECHANICAL ENGINEER. CONTRACTOR SHALL VERIFY THE WEIGHTS. ANY SUBSTITUTIONS THAT RESULT IN INCREASED WEIGHT SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.
7. THE SIZE AND LOCATION OF EQUIPMENT PADS AND PENETRATIONS THROUGH THE STRUCTURE FOR MECHANICAL, ELECTRICAL, AND PLUMBING WORK SHALL BE VERIFIED BY THE CONTRACTOR. OPENINGS AND PENETRATIONS NOT SPECIFICALLY SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE SUBJECT TO APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD.
8. PRIOR TO FABRICATING AND/OR INSTALLING ANY MEMBER, THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT EXISTING DIMENSIONS, ELEVATIONS, AND CONDITIONS AND SHALL REPORT ANY DISCREPANCIES TO THE STRUCTURAL ENGINEER OF RECORD OR THE ARCHITECT IMMEDIATELY UPON DISCOVERY.
9. BACKFILL BOTH SIDES OF ALL FOUNDATION AND RETAINING WALLS EQUALLY UNTIL LOW SIDE IS UP TO FINISH GRADE. DO NOT BACKFILL ANY WALLS UNTIL CONCRETE HAS REACHED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH.
10. CONNECTIONS OF SYSTEMS DESIGNED BY THE CONTRACTOR'S ENGINEER SUCH AS, BUT NOT LIMITED TO, CLADDING, STAIRS, ELEVATORS AND MEP LOGS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL SUPPLEMENTARY BRACING MEMBERS AS REQUIRED TO PREVENT TORSION ON THE BASE BUILDING STRUCTURE.
11. ANY MATERIAL UNDER THE STRUCTURE SHALL COMPLY WITH REQUIREMENTS STATED IN THE STRUCTURAL CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE QUALITY OF THE MATERIAL OR PRODUCTS SPECIFIED IN THE STRUCTURAL CONTRACT DOCUMENTS WILL BE APPROVED ONLY IF THE FOLLOWING CRITERIA ARE SATISFIED:
A. A COST SAVINGS TO THE OWNER IS DOCUMENTED AND SUBMITTED WITH THE REQUEST.
B. THE MATERIAL OR PRODUCT HAS BEEN APPROVED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND THE ICC REPORT IS SUBMITTED WITH THE REQUEST.
12. THE ENGINEER SHALL NOT HAVE CONTROL NOR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSION OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
13. PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVES OF A PROFESSIONAL ENGINEERING GROUP, P.L.L.C. IS SOLELY FOR THE PURPOSE OF BECOMING GENERALLY FAMILIAR WITH THE PROGRESS AND QUALITY OF THE WORK COMPLETED AND DETERMINING, IN GENERAL, IF THE WORK OBSERVED IS BEING PERFORMED IN A MANNER INDICATING THAT THE WORK, WHEN FULLY COMPLETED, WILL BE IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS AN EXHAUSTIVE OR CONTINUOUS CHECK OF THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC AN EFFORT TO GUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.

DIVISION 2 - FOUNDATIONS

- 1. DESIGN IS BASED ON AN ASSUMED ALLOWABLE SOIL BEARING CAPACITY OF 1500 PSF. GC TO ACQUIRE AND PROVIDE A SIGNED AND SEALED SOILS REPORT FROM A QUALIFIED GEOTECHNICAL ENGINEER PRIOR TO ANY ELEMENT OF FOUNDATIONS.
2. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THE GEOTECHNICAL REPORT AND SHALL FOLLOW THE RECOMMENDATIONS SPECIFIED THEREIN, INCLUDING, BUT NOT LIMITED TO, SUBGRADE PREPARATIONS, GROUND WATER MANAGEMENT AND STEEP SLOPE BEST MANAGEMENT PRACTICES.
3. THE GEOTECHNICAL ENGINEER SHALL BE PRESENT DURING PROOF ROLLING AND SHALL INSPECT THE SUBGRADE PRIOR TO ANY FILL OPERATIONS. ALL COMPACTED FILL SHALL BE CONTINUOUSLY INSPECTED BY THE OWNER'S SELECTED INDEPENDENT TESTING LABORATORY.
4. FOOTINGS SHALL BEAR EITHER ON COMPACTED NATIVE SOIL OR COMPACTED STRUCTURAL FILL AS PER THE GEOTECHNICAL REPORT. EXTERIOR AND EXTERIOR RETAINING WALLS SHALL BEAR ON LESS THAN 24 INCHES BELOW FINISH GRADE UNLESS OTHERWISE SPECIFIED BY THE GEOTECHNICAL ENGINEER AND/OR BUILDING OFFICIAL. IF THE SOIL AT THE BEARING ELEVATIONS SHOWN IS OF QUESTIONABLE BEARING VALUE, THE STRUCTURAL ENGINEER OF RECORD OR ARCHITECT SHALL BE NOTIFIED IMMEDIATELY.
5. ALL FILL MATERIAL UNDER THE STRUCTURE SHALL COMPLY WITH REQUIREMENTS STATED IN THE GEOTECHNICAL REPORT. UNO
6. PROVIDE A MINIMUM OF A 4-INCH CLEAN, FREE-DRAINING GRANULAR SUBBASE FILL BELOW ALL INTERIOR SLABS-ON-GRADE UNLESS NOTED OR DETAILED OTHERWISE. SUBBASE SHALL MEET GRADATION REQUIREMENTS OF ASTM C-33 SIZE NO. 67, UNLESS SPECIFICALLY NOTED OTHERWISE.
7. POLYETHYLENE FILM VAPOR BARRIER, MEETING THE REQUIREMENTS OF THE SPECIFICATIONS, SHALL BE PLACED BELOW ALL INTERIOR SLABS-ON-GRADE PER THE FOUNDATION PLAN NOTES.
8. THE CONTRACTOR IS CAUTIONED AGAINST LOADING SLAB-ON-GRADE WITH CONSTRUCTION EQUIPMENT. THE SLAB HAS NOT BEEN DESIGNED FOR CONSTRUCTION EQUIPMENT AND MAY REQUIRE AN INCREASE IN SLAB THICKNESS AND/OR REINFORCEMENT IF THE CONSTRUCTION EQUIPMENT EXCEEDS THE DESIGN LOADS SHOWN IN THE DESIGN CRITERIA. THE CONTRACTOR IS REQUIRED TO SUBMIT CALCULATIONS SIGNED AND SEALED BY A REGISTERED STRUCTURAL, CIVIL, OR GEOTECHNICAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED VERIFYING THE ADEQUACY OF THE SLAB.
9. EXTERIOR FOOTINGS FOR STAIRS AND RAMPS SHALL BEAR AT OR BELOW MINIMUM BEARING DEPTH.
10. FOUNDATION WALLS SHALL HAVE ADEQUATE TEMPORARY BRACING INSTALLED BY THE CONTRACTOR BEFORE BACKFILL IS PLACED AGAINST THEM. TEMPORARY BRACING SHALL NOT BE REMOVED UNTIL WALL IS PERMANENTLY BRACED.



THIS DOCUMENT IS THE PROPERTY OF BRITT, PETERS ASSOCIATES P.C. AND IS TO BE USED ONLY FOR THE PROJECT AND PURPOSES SPECIFICALLY IDENTIFIED IN THE PROJECT DESCRIPTION. IT IS TO BE KEPT IN CONFIDENCE AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT THE WRITTEN PERMISSION OF BRITT, PETERS ASSOCIATES P.C., THIS DOCUMENT IS TO BE KEPT IN CONFIDENCE AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT THE WRITTEN PERMISSION OF BRITT, PETERS ASSOCIATES P.C., THIS DOCUMENT IS TO BE KEPT IN CONFIDENCE AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

**RIB CRIB GEN 6 PROTOTYPE**  
 Location: GATEWAY CROSSING, CENTURION WAY LAKE CITY, FLORIDA 32055  
 Drawing: SPECIAL INSPECTIONS

# SPECIAL INSPECTIONS

1. SPECIAL INSPECTION SHALL BE PROVIDED BY THE OWNER ACCORDING TO SECTION 1705 OF FBC 2020. THE APPROVED SPECIAL INSPECTOR SHALL DEMONSTRATE COMPETENCE FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION. THE SPECIAL INSPECTOR SHALL SEND REPORTS TO THE OWNER, THE BUILDING OFFICIAL, THE ARCHITECT, THE STRUCTURAL ENGINEER OF RECORD, AND TO THE CONTRACTOR. THE SPECIAL INSPECTOR SHALL BRING NON-CONFORMING ITEMS TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR AND NOTE ALL SUCH ITEMS IN THE REPORTS. ANY UNRESOLVED ITEM ABOUT THE COVERED WORK SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S CONSTRUCTION MANAGER AS WELL AS THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER OR NOT THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE SPECIAL INSPECTION AGENCY REGARDING INDIVIDUAL INSPECTIONS FOR ITEMS LISTED ON THE SCHEDULE AND AS NOTED ON THE BUILDING DEPARTMENT APPROVED PLANS. ADEQUATE NOTICE AND ACCESS TO APPROVED PLANS SHALL BE PROVIDED SO THAT THE SPECIAL INSPECTOR HAS TIME TO BECOME FAMILIAR WITH THE PROJECT.

2. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING CONSTRUCTION DOCUMENTS FOR ADDITIONAL NON-STRUCTURAL SPECIAL INSPECTION ITEMS.

3. IN ACCORDANCE WITH IBC CHAPTER 17, THE FOLLOWING TYPES OF WORK REQUIRE SPECIAL INSPECTIONS AND TESTING:

| SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION PRIOR TO WELDING<br>REFERENCE AISC 360-10, TABLE N5.4.1 |         |         |
|---|---------|---------|
| VERIFICATION AND INSPECTION TASK  | PERFORM | OBSERVE |
| WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE  | X       | --      |
| MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE   | X       | --      |
| MATERIAL IDENTIFICATION (TYPE/GRADE)  | --      | X       |
| WELDER IDENTIFICATION SYSTEM  | --      | X       |
| FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)   |         |         |
| A. JOINT PREPARATION  |         |         |
| B. DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)   | --      | X       |
| C. CLEANLINESS (CONDITION OF STEEL SURFACES)  |         |         |
| D. TACKING (TACK WELD QUALITY AND LOCATION)   |         |         |
| E. BACKING TYPE AND FIT (IF APPLICABLE)   |         |         |
| CONFIGURATION AND FINISH OF ACCESS HOLES  | --      | X       |
| FIT-UP OF FILLET WELDS  |         |         |
| A. DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)   | --      | X       |
| B. CLEANLINESS (CONDITION OF STEEL SURFACES)  |         |         |
| C. TACKING (TACK WELD QUALITY AND LOCATION)   |         |         |
| CHECK WELDING EQUIPMENT   | --      | X       |

| SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION DURING WELDING<br>REFERENCE AISC 360-10, TABLE N5.4.2 |         |         |
|---|---------|---------|
| VERIFICATION AND INSPECTION TASK  | PERFORM | OBSERVE |
| USE OF QUALIFIED WELDERS  | --      | X       |
| CONTROL AND HANDLING OF WELDING CONSUMABLES   |         |         |
| A. PACKAGING  | --      | X       |
| B. EXPOSURE CONTROL   |         |         |
| NO WELDING OVER CRACKED TACK WELDS  | --      | X       |
| ENVIRONMENTAL CONDITIONS  |         |         |
| A. WIND SPEED WITHIN LIMITS   | --      | X       |
| B. PRECIPITATION AND TEMPERATURE  |         |         |
| WPS FOLLOWED  |         |         |
| A. SETTINGS ON WELDING EQUIPMENT  |         |         |
| B. TRAVEL SPEED   | --      | X       |
| C. SELECTED WELDING MATERIALS   |         |         |
| D. SHIELDING GAS TYPE/FLOW RATE   |         |         |
| E. PREHEAT APPLIED  |         |         |
| F. INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.)   |         |         |
| G. PROPER POSITION  |         |         |
| FIT-UP OF FILLET WELDS  |         |         |
| A. INTERPASS AND FINAL CLEANING   | --      | X       |
| B. EACH PASS WITHIN PROFILE LIMITATIONS   |         |         |
| C. EACH PASS MEETS QUALITY REQUIREMENTS   |         |         |

| SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION AFTER WELDING<br>REFERENCE AISC 360-10, TABLE N5.4.3 |         |         |
|--|---------|---------|
| VERIFICATION AND INSPECTION TASK   | PERFORM | OBSERVE |
| WELDS CLEANED  | --      | X       |
| SIZE, LENGTH AND LOCATION OF WELDS   | X       | --      |
| WELDS MEET VISUAL ACCEPTANCE CRITERIA  |         |         |
| A. CRACK PROHIBITION   |         |         |
| B. WELD/BASE-METAL FUSION  | X       | --      |
| C. CRATER CROSS SECTION  |         |         |
| D. WELD PROFILES   |         |         |
| E. WELD SIZE   |         |         |
| F. UNDERCUT  |         |         |
| G. POROSITY  |         |         |
| ARC STRIKES  | X       | --      |
| K-AREA <sup>1</sup>  | X       | --      |
| BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)  | X       | --      |
| REPAIR ACTIVITIES  | X       | --      |
| DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER   | X       | --      |

1. WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE K-AREA, VISUALLY INSPECT THE WEB K-AREA FOR CRACKS WITHIN 3" OF THE WELD.

| SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION PRIOR TO BOLTING<br>REFERENCE AISC 360-10, TABLE N5.6.1                        |         |         |
|--|---------|---------|
| VERIFICATION AND INSPECTION TASK   | PERFORM | OBSERVE |
| MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS   | X       | --      |
| FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS  | --      | X       |
| PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)                 | --      | X       |
| PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL   | --      | X       |
| CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS | --      | X       |
| PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED         | --      | X       |
| PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS   | --      | X       |

| SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION DURING BOLTING<br>REFERENCE AISC 360-10, TABLE N5.6.2                            |         |         |
|--|---------|---------|
| VERIFICATION AND INSPECTION TASK   | PERFORM | OBSERVE |
| FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED                       | --      | X       |
| JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION   | --      | X       |
| FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING  | --      | X       |
| FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID TOWARD THE FREE EDGES | --      | X       |

| SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION AFTER BOLTING<br>REFERENCE AISC 360-10, TABLE N5.6.3 |         |         |
|--|---------|---------|
| VERIFICATION AND INSPECTION TASK   | PERFORM | OBSERVE |
| DURING ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS   | X       | --      |

| SPECIAL INSPECTION AND VERIFICATION OF CONCRETE CONSTRUCTION<br>REFERENCE IBC 2018, TABLE 1705.3  |            |          |
|---|------------|----------|
| VERIFICATION AND INSPECTION TASK  | CONTINUOUS | PERIODIC |
| INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT   | --         | X        |
| REINFORCING BAR WELDING:  |            |          |
| A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706  | --         | X        |
| B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"  | --         | X        |
| C. INSPECT ALL OTHER WELDS  | X          | --       |
| INSPECT ANCHORS CAST IN CONCRETE  | --         | X        |
| INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS:  |            |          |
| A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.  | X          | --       |
| B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN A   | --         | X        |
| VERIFY USE OF REQUIRED DESIGN MIX.  | --         | X        |
| PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.                  | X          | --       |
| INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.   | X          | --       |
| VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.  | --         | X        |
| INSPECT PRESTRESSED CONCRETE FOR:   |            |          |
| A. APPLICATION OF PRESTRESSING FORCES   | X          | --       |
| B. GROUTING OF BONDED PRESTRESSING TENDONS  | X          | --       |
| INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.   | --         | X        |
| VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS. | --         | X        |
| INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.  | --         | X        |

| SPECIAL INSPECTION AND VERIFICATION OF SOILS<br>REFERENCE IBC 2018, TABLE 1705.6                                |            |          |
|---|------------|----------|
| VERIFICATION AND INSPECTION TASK  | CONTINUOUS | PERIODIC |
| VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.                 | --         | X        |
| VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.                               | --         | X        |
| PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.   | --         | X        |
| VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL. | X          | --       |
| PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.         | --         | X        |

| Revisions |            |          |
|-----------|------------|----------|
| NUMBER    | ISSUE DATE | REVISION |
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PROJECT DATE  
**08.05.2022**

Drawn By  
**BH**

Checked By  
**SDH**

Sheet No.  
**S002**

FOUNDATION PLAN NOTES

- SEE SHEET S001 FOR GENERAL NOTES.
- SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN. COORDINATE SLAB ELEVATIONS AND SLOPES WITH ARCHITECTURAL PLANS.
- SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE DURING CONSTRUCTION FOR THE SLAB AREA. SLAB SUBGRADE SHALL NOT BE ALLOWED TO RETAIN WATER DURING CONSTRUCTION.
- SEE SHEET S001 FOR REINFORCEMENT AT RE-ENTRANT CORNERS AND DISCONTINUOUS JOINTS.
- FINISH FLOOR REFERENCE ELEVATION = 102'-0". TYPICAL FLOOR SLAB SHALL BE 4" THICK CONCRETE SLAB-ON-GRADE REINFORCED WITH #4 AT 18" OC EACH WAY OVER 15 MIL MINIMUM VAPOR BARRIER OVER 4" GRANULAR BASE COURSE OVER APPROVED LOW VOLUME CHANGE ENGINEERED FILL PER THE GEOTECHNICAL REPORT.
- CENTER FOOTING BENEATH COLUMN AND LOAD BEARING WALLS SHOWN.
- CONTROL JOINTS SHOULD NOT BE SPACED MORE THAN 15'-0" OC, AND THE PANELS SO FORMED BY THE CONTROL JOINTS SHOULD NOT EXCEED A LENGTH TO WIDTH RATIO OF 1.5. REF DETAIL 2/SS01.
- WALLS SHOWN ARE LOAD BEARING WALLS AND SHEARWALLS. STUDS ARE TO BE 2X6 EXTERIOR AND 2X4 INTERIOR AT 16" OC UNO. SEE ARCH FOR STUD WALL LOCATIONS.
- TOP OF EXTERIOR EXTERIOR PERIMETER FTG = 99'-0" UNO.
- ALL CONTINUOUS FTG TO BE CF18. UNO.

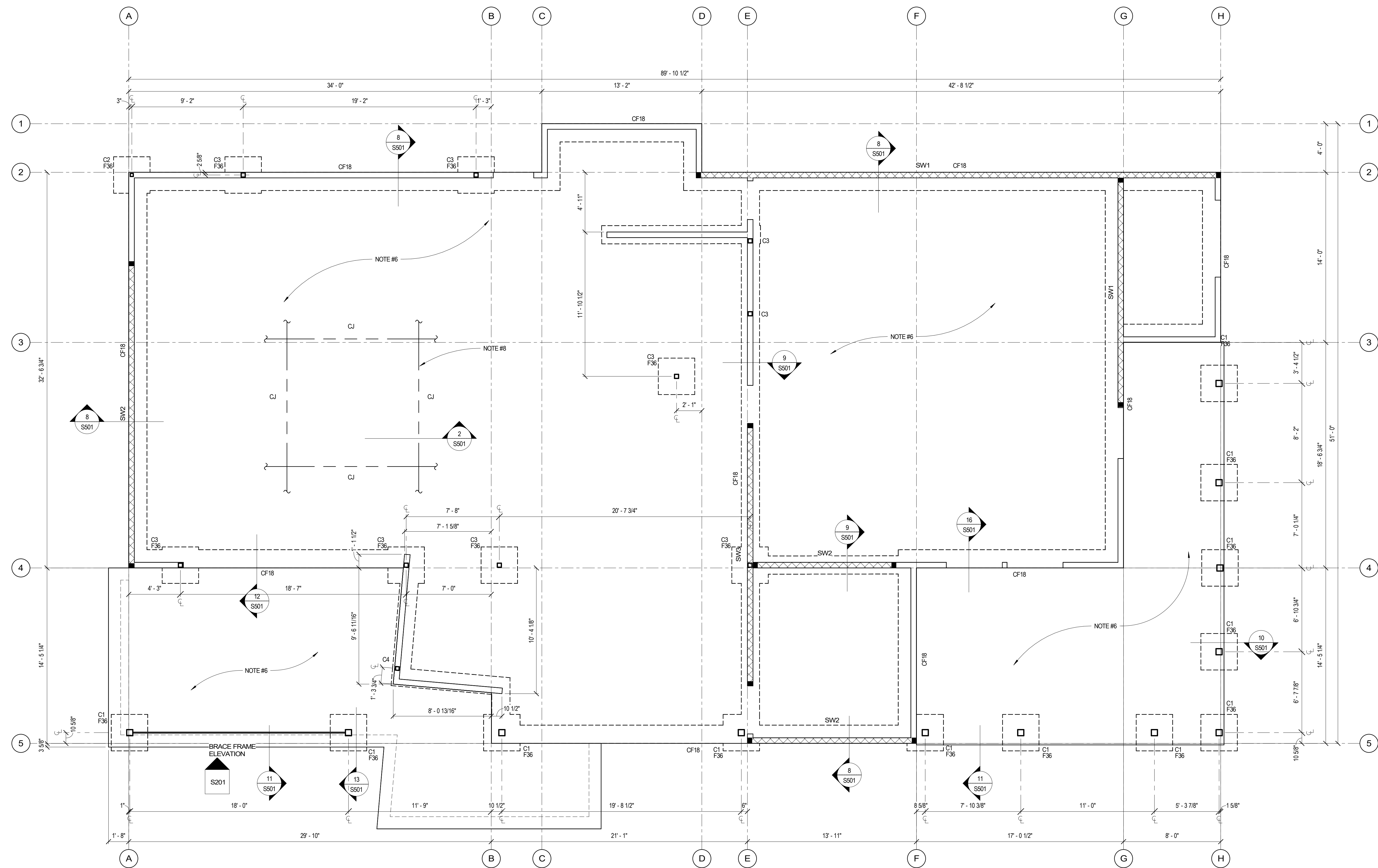
GRADING PLAN INFORMATION WERE UNAVAILABLE DURING THE FOUNDATION DESIGN. THEREFORE FOUNDATION ELEVATIONS SHOWN ON THE PLAN ASSUME A UNIFORM FINISH GRADE 2' BELOW FINISH FLOOR ELEVATION AROUND THE PERIMETER OF THE BUILDING. REFER GENERAL NOTES FOR MINIMUM BOTTOM OF FOOTING BEARING ELEVATION, BELOW ADJACENT GRADE. IF SITE CONDITIONS VARY FROM THAT STATED, CONTRACTOR SHALL NOTIFY ARCHITECT AND STRUCTURAL ENGINEER FOR A RE-DESIGN OF THE FOUNDATION SYSTEM TO ACCOMMODATE ACTUAL SITE CONDITIONS.

| ISOLATED FOOTING SCHEDULE |                   |                     |
|---------------------------|-------------------|---------------------|
| MARK                      | SIZE (LxWxD)      | REINFORCEMENT       |
| F36                       | 3'-0"x3'-0"x1'-6" | (4) #5 BOT BARS, EW |

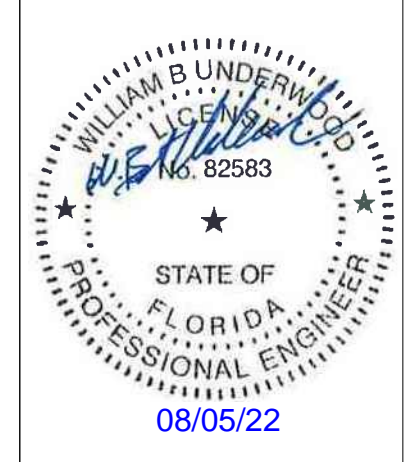
| CONTINUOUS FOOTING SCHEDULE |             |                                      |
|-----------------------------|-------------|--------------------------------------|
| MARK                        | SIZE (WxD)  | REINFORCEMENT                        |
| CF18                        | 1'-6"x1'-6" | (2) #5 CONT T&B W/ #3 TIES AT 48" OC |

| COLUMN SCHEDULE |               |                   |
|-----------------|---------------|-------------------|
| MARK            | SIZE          | COMMENTS          |
| C1              | HSS6X6X1/4    |                   |
| C2              | HSS3X3X1/4    |                   |
| C3              | HSS4X4X1/4    |                   |
| C4              | 4x4 WOOD POST | SIMPSON CC44 BASE |

XXXX SHEAR WALL. SEE SCHEDULE ON S022



1 FOUNDATION PLAN  
1/4" = 1'-0"



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| Revisions |            |          |
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| NUMBER    | ISSUE DATE | REVISION |
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PROJECT DATE  
08.05.2022

Drawn By  
**BH**  
Checked By  
**SDH**  
Sheet No.

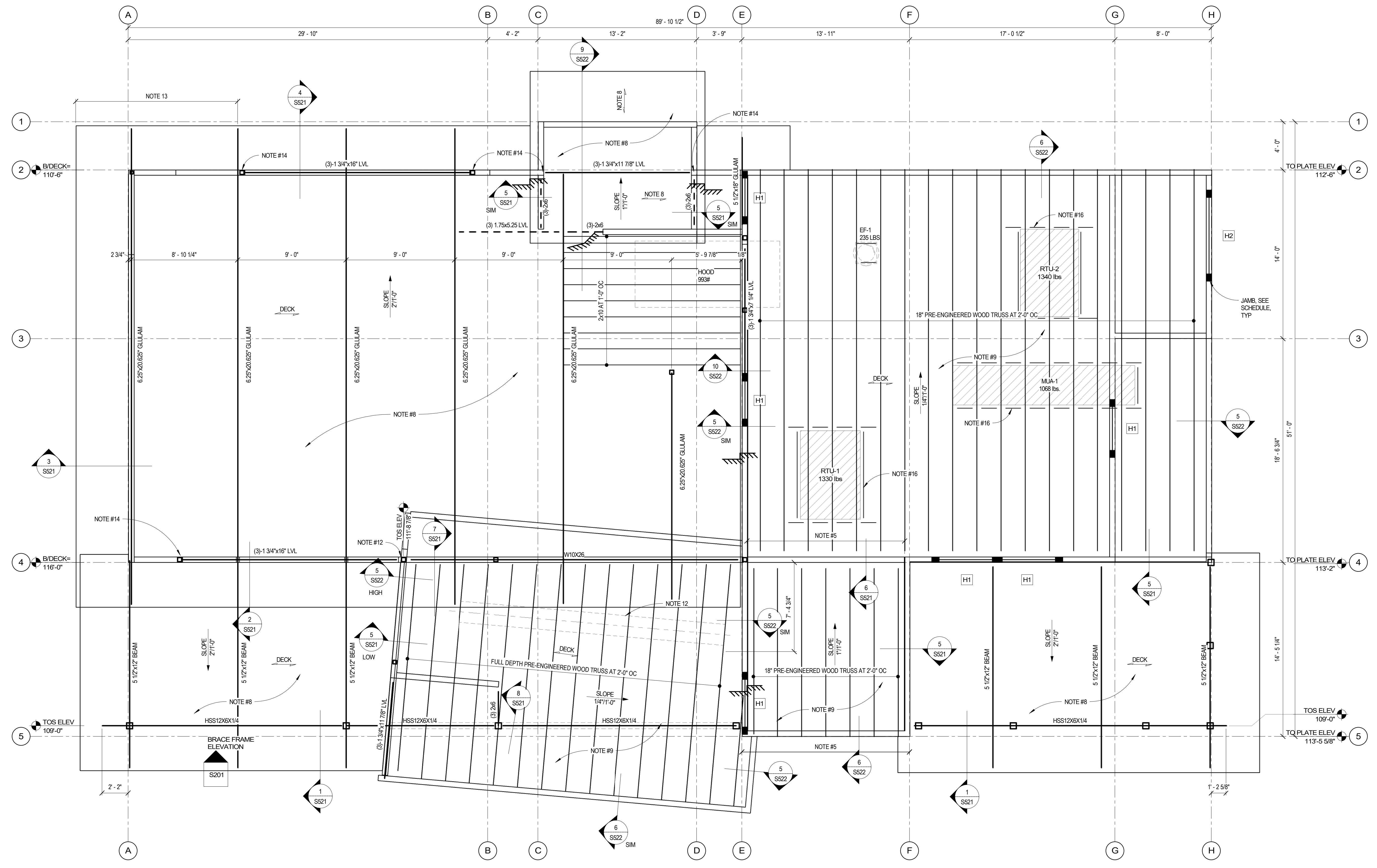
**S101**

| NUMBER | ISSUE | DATE | REVISION |
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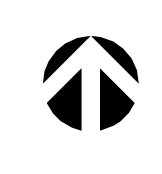
FRAMING PLAN NOTES (WOOD)

- SEE SHEET S001 FOR GENERAL NOTES.
- SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN.
- SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
- FASTEN ROOF TRUSSES AT ALL BEARING POINTS W/ (1) SIMPSON H2.5A STRAP TYP. UNO.
- # - TRUSS SUPPLIER TO PROVIDE SHEAR BLOCKING PANEL BETWEEN TRUSSES CAPABLE OF TRANSMITTING 400 P.L.F. WHERE # IS SHOWN AT ROOF RAFTERS, PROVIDE BLOCKING BETWEEN RAFTERS, AND CONTINUE THE SHEATHING OF THE SHEARWALL BELOW TO ATTACH TO THIS BLOCKING.
- ALL FRAMING MEMBERS TO BEAR ON TOP OF COLUMNS/WALLS TYP. UNO.
- TOP OF STEEL ELEVATION FOR ALL STEEL MEMBERS IS TO BE 1/2" LOWER THAN ADJACENT WOOD FRAMING TO ALLOW FOR INSTALLATION OF SINGLE 2X NAILER ON TOP OF STEEL BEAM.
- 6 1/2" SIP PANEL AT JOINTS, PROVIDE 7/16" X 3" OSB SURFACE SPLINE AND 0.131" X 2 1/2" NAILS 2" ON CENTER STAGGERED 3/8" AT SUPPORTS, PROVIDE 10" LENGTH, 0.189" SHANK DIAMETER, 0.255" THREAD OD, 2.750" THREAD LENGTH, 0.625" HEAD DIAMETER SIP SCREW, 3" OC.
- ALL ROOF SHEATHING SHALL BE APA RATED STRUCTURAL EXPOSURE 1 SHEATHING WITH A MINIMUM THICKNESS OF 15/32", WITH A SPAN RATING OF AT LEAST 3216 NAILED WITH 8d GALVANIZED COMMON NAILS AT 4" OC AT PANEL EDGES AND AT 12" OC AT INTERMEDIATE SUPPORTS TYP. UNO.
- WALLS SHOWN ARE LOAD BEARING WALLS AND SHEARWALLS. STUDS ARE TO BE 2X6 AT 16" OC DOUGLAS FIR SOUTH NO. 2, UNO. SEE ARCH FOR STUD WALL LOCATIONS.
- SEE SCHEDULE FOR HEADER INFORMATION.
- TRUSS SUPPLIER TO PROVIDE MECHANICAL OPENING IN TRUSSES, REF. ARCHMEP DRAWINGS.
- CONTINUOUS SIP PANEL w/ CANTILEVER PAST WALL FRAMING REF NOTE 8
- SIMPSON ECC066
- SIMPSON CCO66
- REF DETAIL 8/SS22

**H#** INDICATES HEADER, RE: SCHEDULE ON SS22



**1 ROOF FRAMING PLAN**  
1/4" = 1'-0"





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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: BRACE FRAME  
ELEVATIONS

Revisions

| NUMBER | ISSUE DATE | REVISION |
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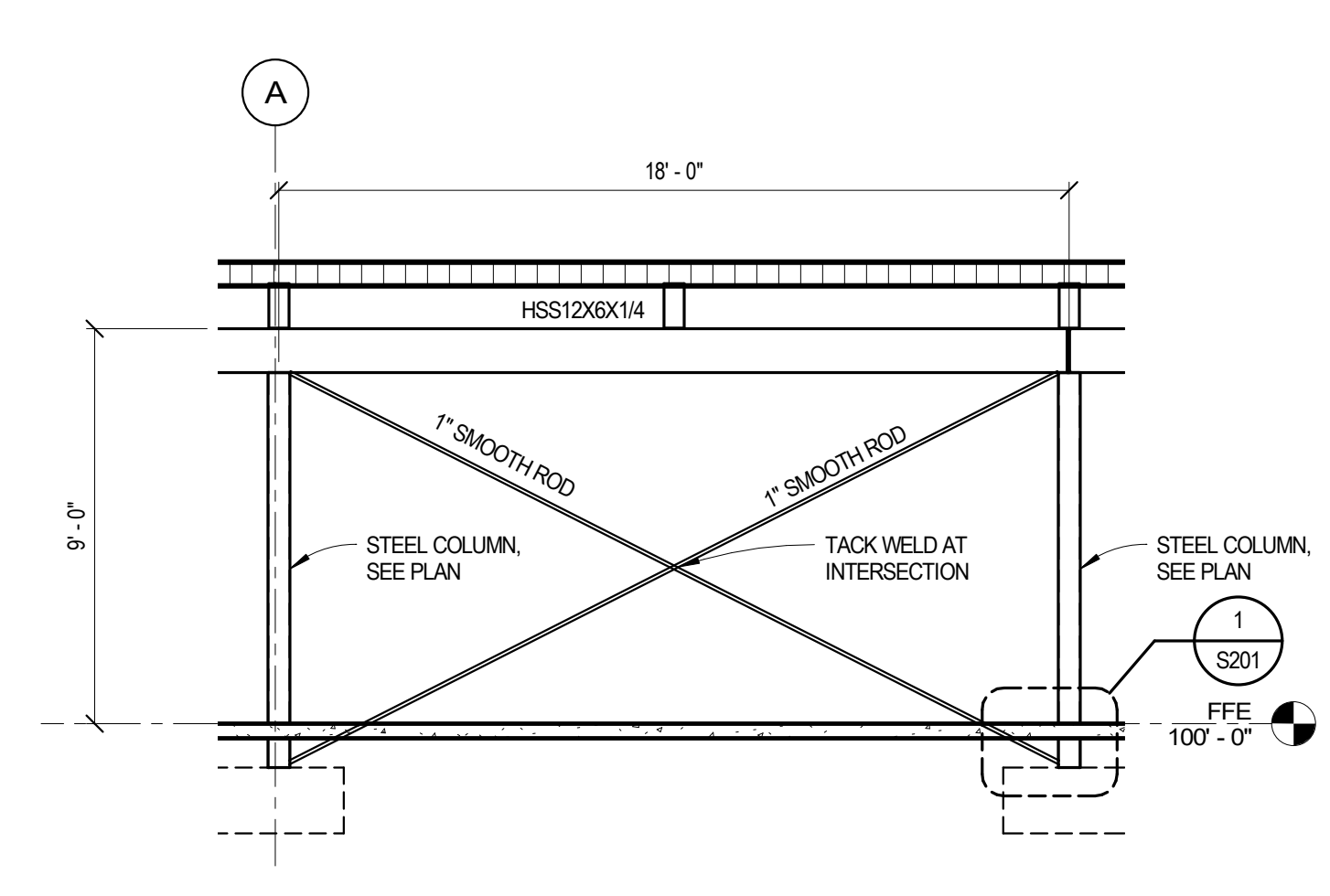
PROJECT DATE  
**08.05.2022**

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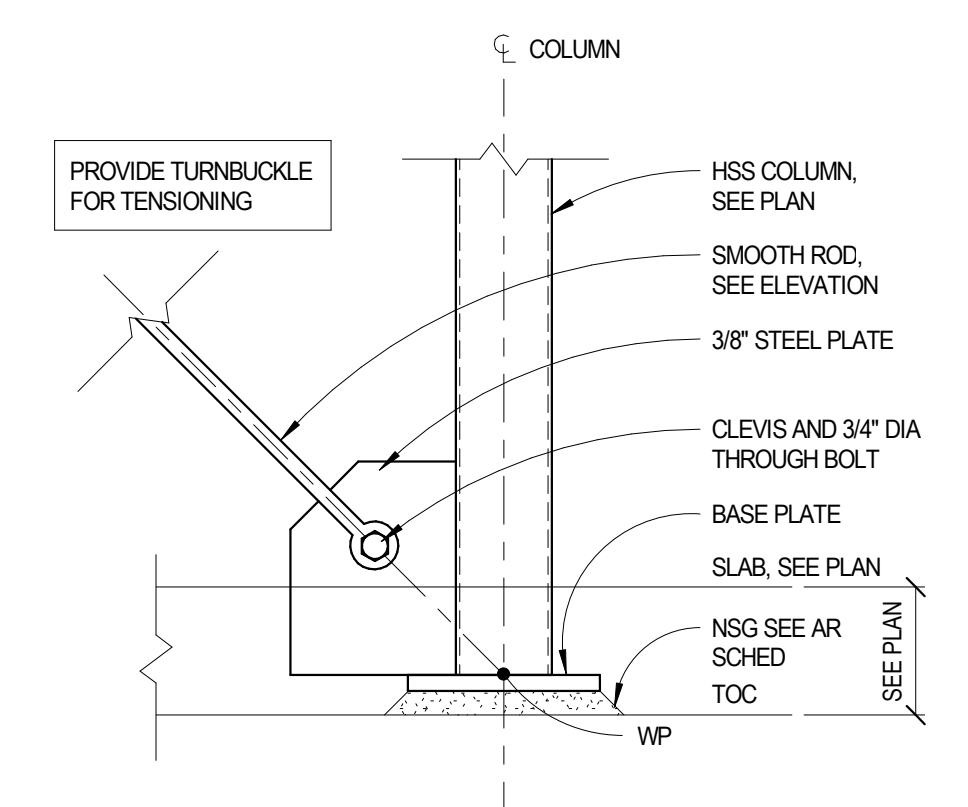
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**SDH**

Sheet No.

**S201**



**2 BRACE FRAME ELEVATION**  
1/4" = 1'-0"



**1 BRACE DETAIL**  
1" = 1'-0"



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Revisions

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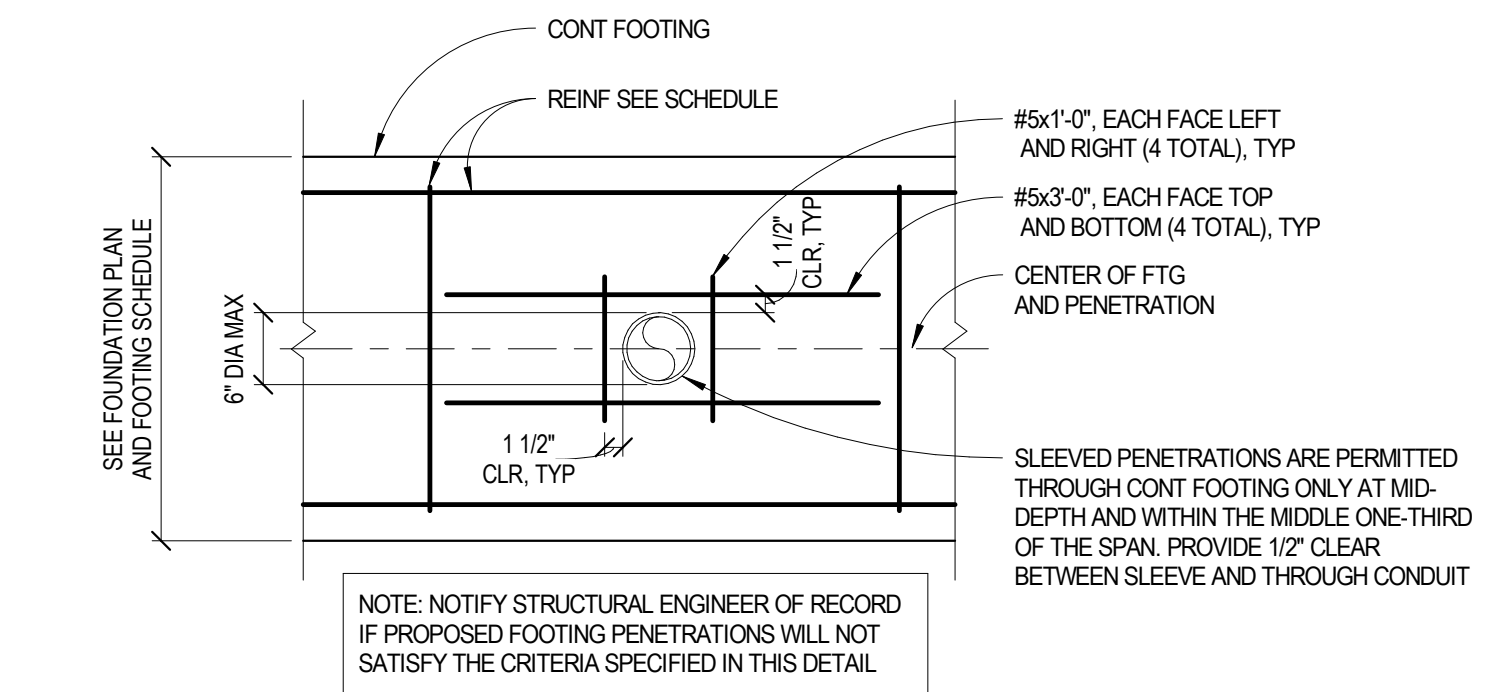
PROJECT DATE  
**08.05.2022**

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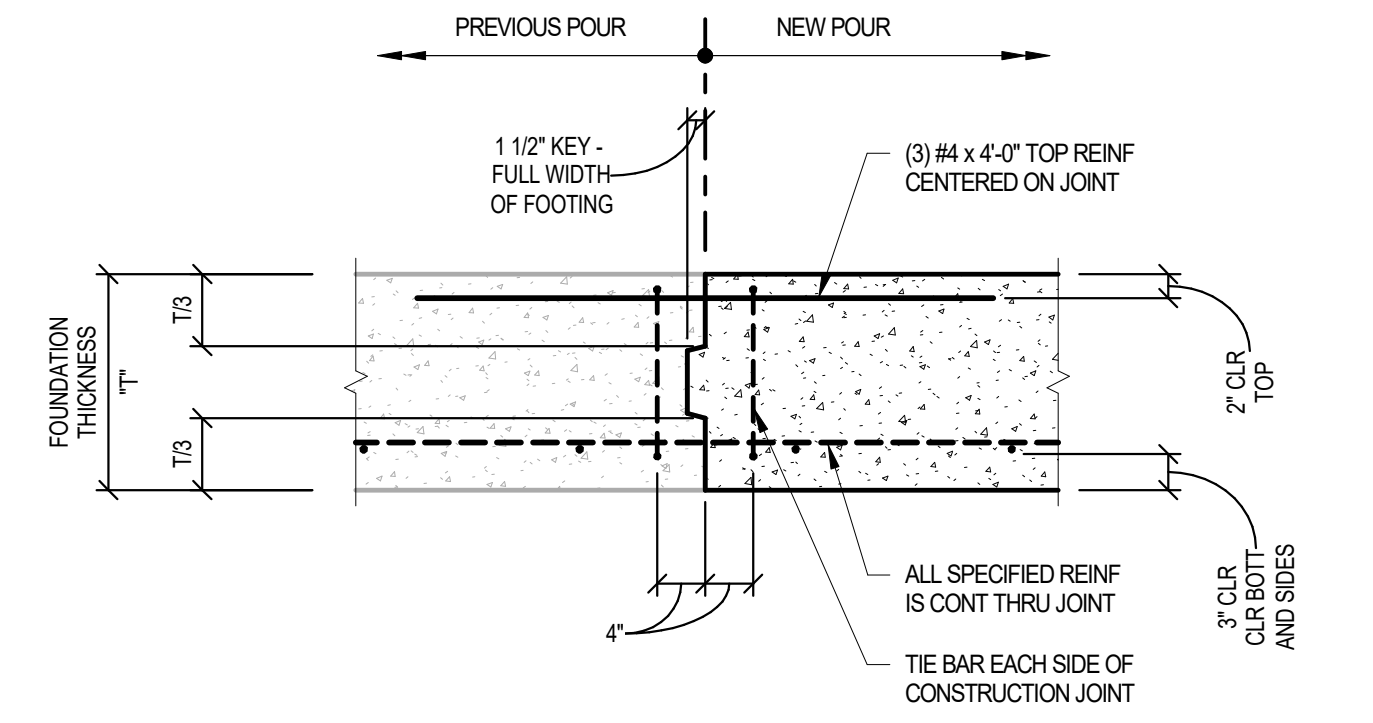
Checked By  
**SDH**

Sheet No.

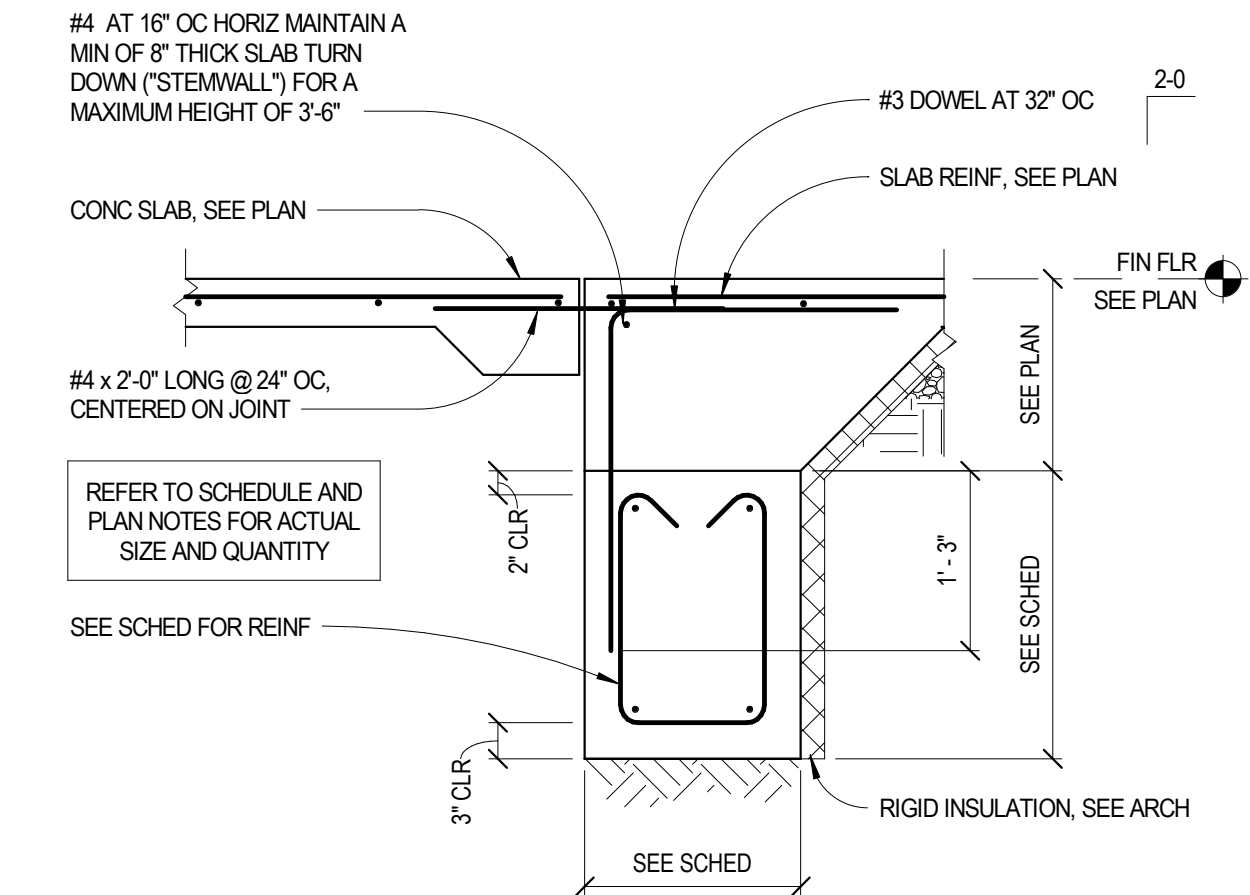
**S501**



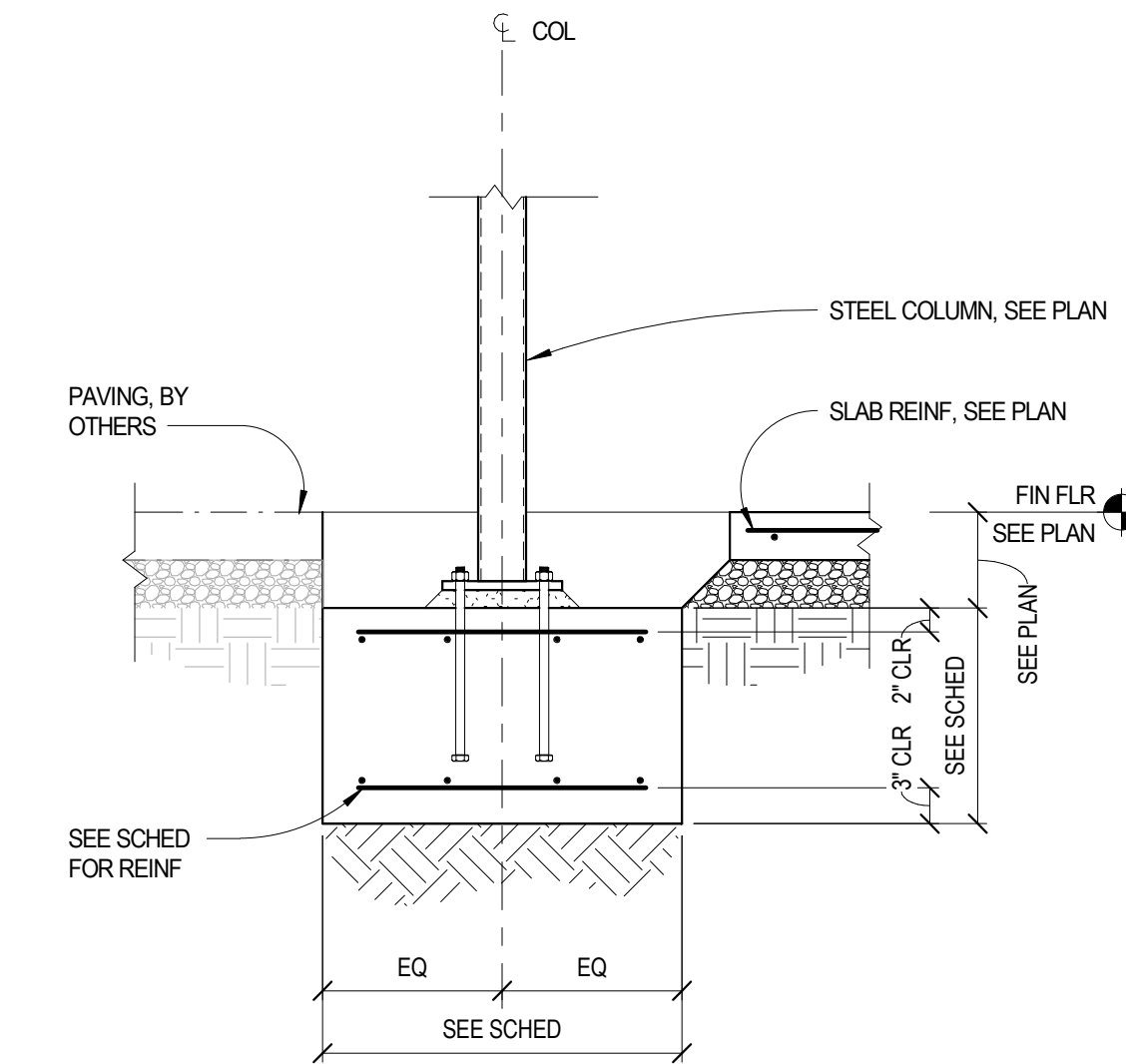
14 FOOTING PENETRATION  
3/4" = 1'-0"



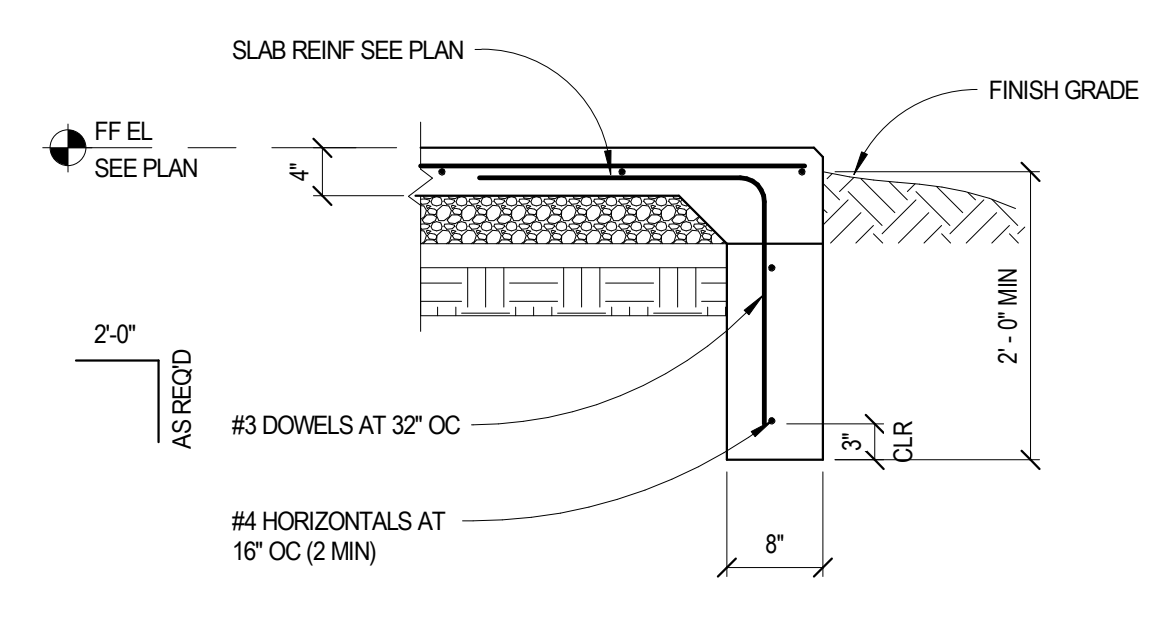
15 CONCRETE FOOTING CONSTRUCTION JOINT  
3/4" = 1'-0"



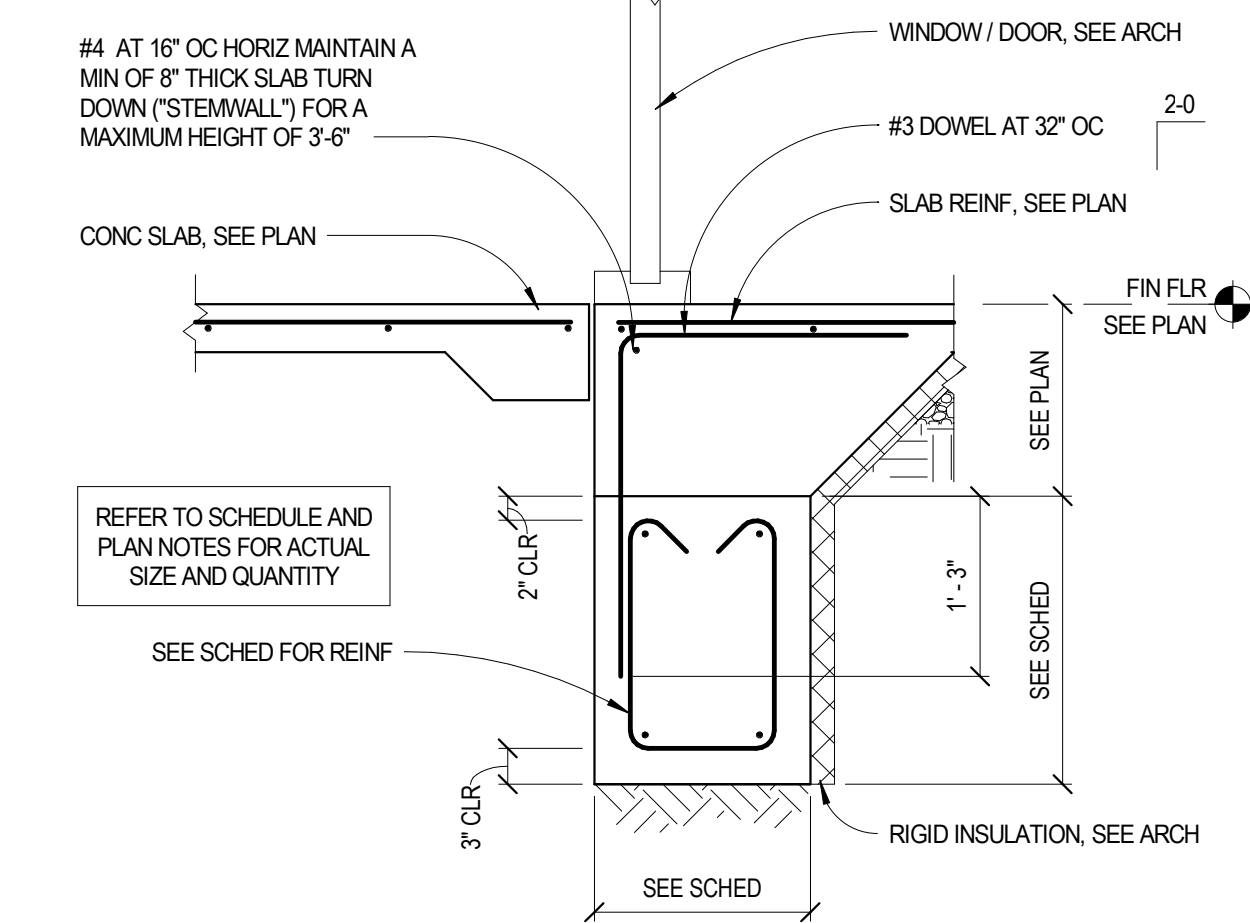
16 FOOTING DETAIL  
3/4" = 1'-0"



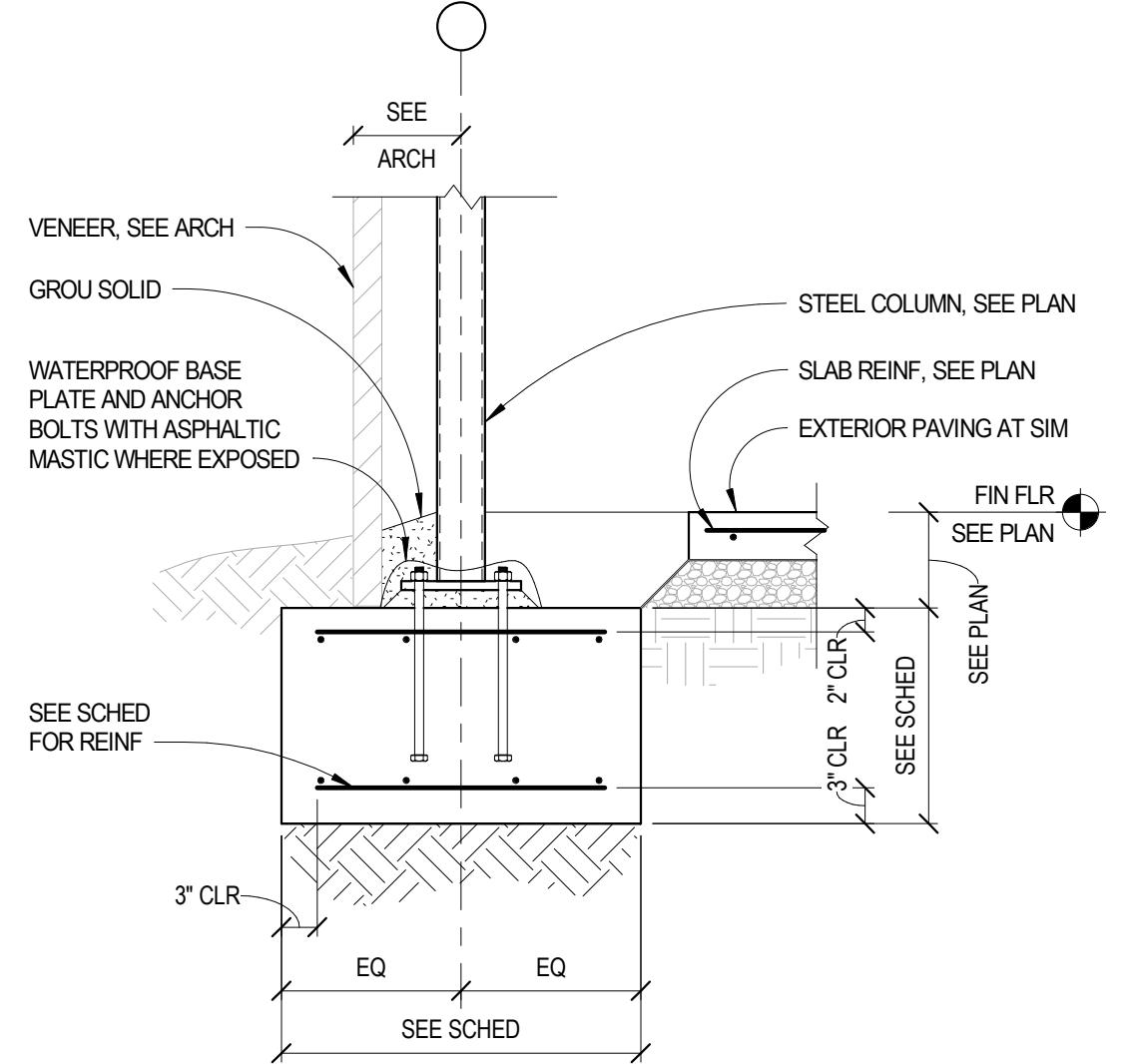
10 FOOTING DETAIL  
3/4" = 1'-0"



11 EXTERIOR SLAB EDGE DETAIL  
3/4" = 1'-0"



12 FOOTING DETAIL  
3/4" = 1'-0"

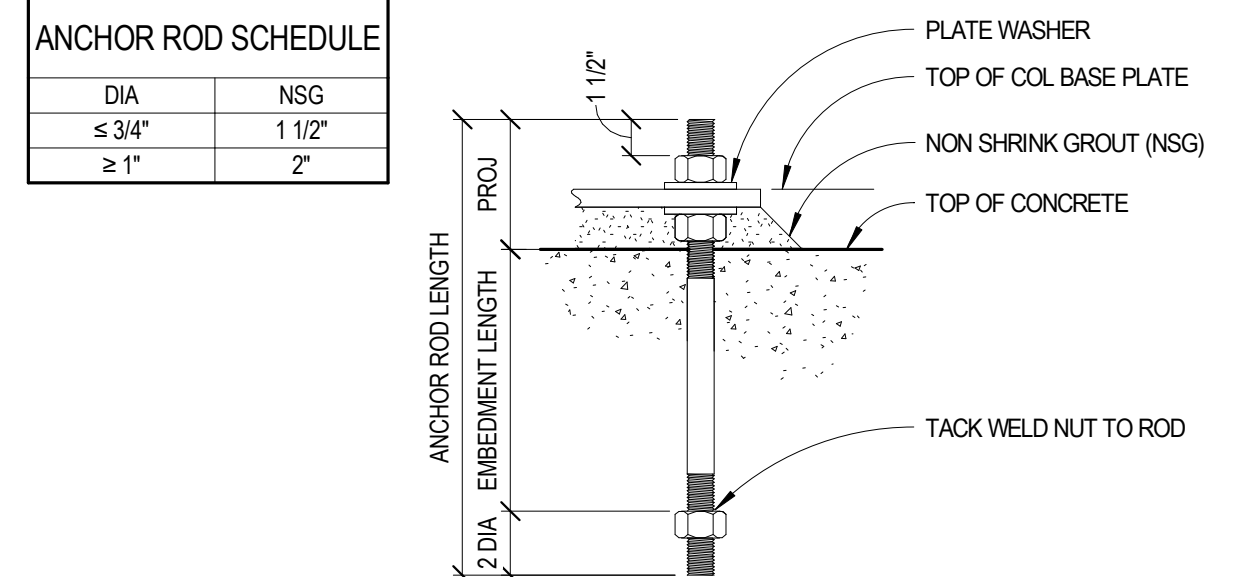


13 FOOTING DETAIL  
3/4" = 1'-0"

BASEPLATE SCHEDULE

| MARK | TYPE | THICKNESS | "A"   | "B"   | "C"   | "D" | ANCHOR RODS (DIAM/EM) |
|------|------|-----------|-------|-------|-------|-----|-----------------------|
| B1   | A    | 3/4"      | 1'-0" | 1'-0" | 1'-0" | -   | 3/4" x 1'-0"          |

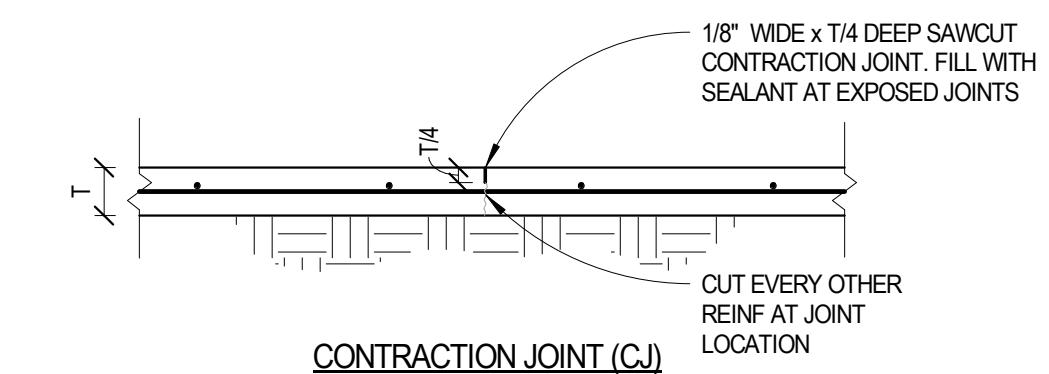
- NOTES:
1. USE OVERSIZED HOLES AND WASHERS FOR ANCHORS RODS ACCORDING TO AISC MANUAL (14 ED.) TABLE 14.2 UNO.
  2. SEE THIS SHEET FOR ANCHOR ROD DETAIL AND GROUT INFORMATION.
  3. \* - INDICATES MINIMUM FILLET WELD PER AISC.
  4. HSS#6 AND SMALLER USE B1.



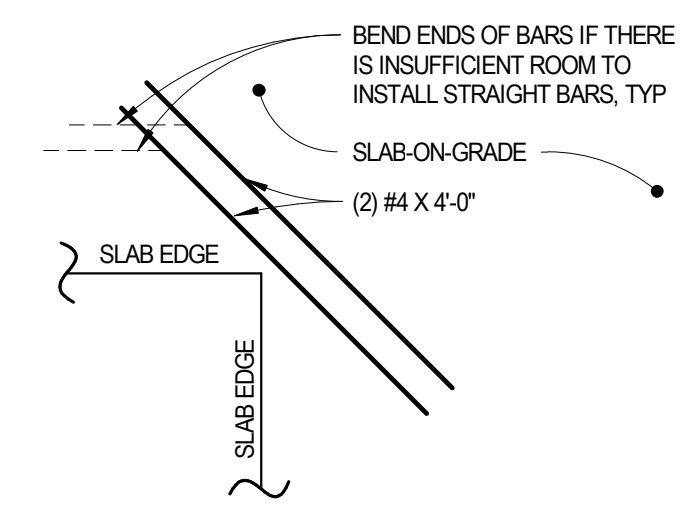
- NOTES:
1. SEE BASE PLATE SCHEDULE FOR ANCHOR ROD SIZE AND EMBEDMENT.
  2. ANCHOR RODS SHALL MEET THE REQUIREMENTS OF ASTM F1554 UNLESS NOTED OTHERWISE.
  3. ALL ANCHOR RODS SHALL BE FURNISHED WITH HEAVY HEX NUTS AND CUT WASHERS OF SPECIFICATIONS COMPATIBLE WITH THOSE OF THE THREADED SHANKS UNLESS NOTED OTHERWISE.
  4. FOR CONVENTIONAL COLUMNS (WF AND HSS SHAPES) A NUT SHALL BE PLACED UNDER THE BASE PLATE AND USED FOR LEVELING.
  5. HEADED BOLTS MAY BE SUBSTITUTED FOR RODS AS SHOWN.
  6. NON-SHRINK GROUT (NSG) SHALL BE NONMETALLIC WITH A MINIMUM COMPRESSIVE STRENGTH OF 6,000 PSI AT 28 DAYS.

7 ANCHOR ROD DETAILS  
NO SCALE

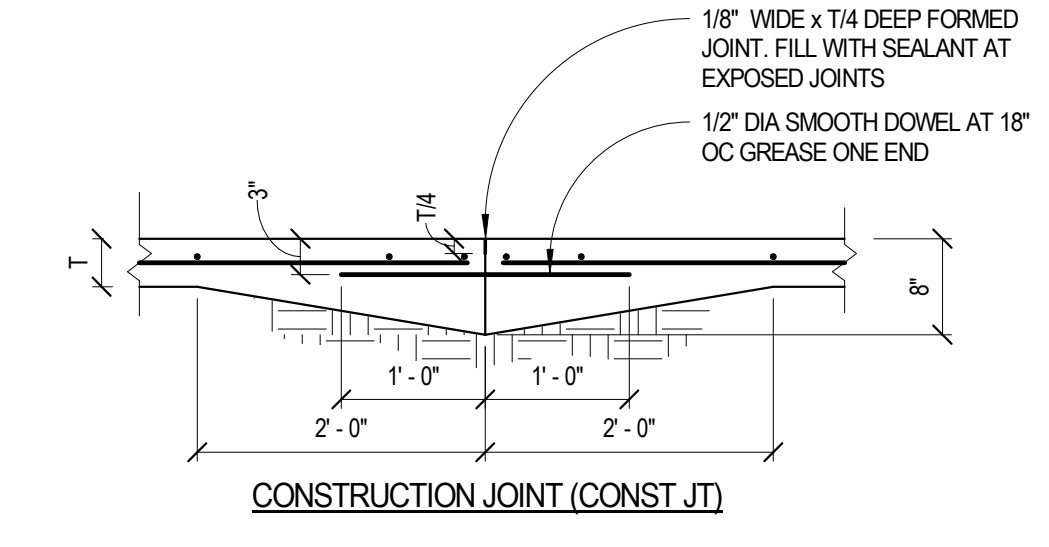
6 COLUMN BASE PLATE SCHEDULE  
NO SCALE



8 TYP PERIMETER FOOTING DETAIL  
3/4" = 1'-0"



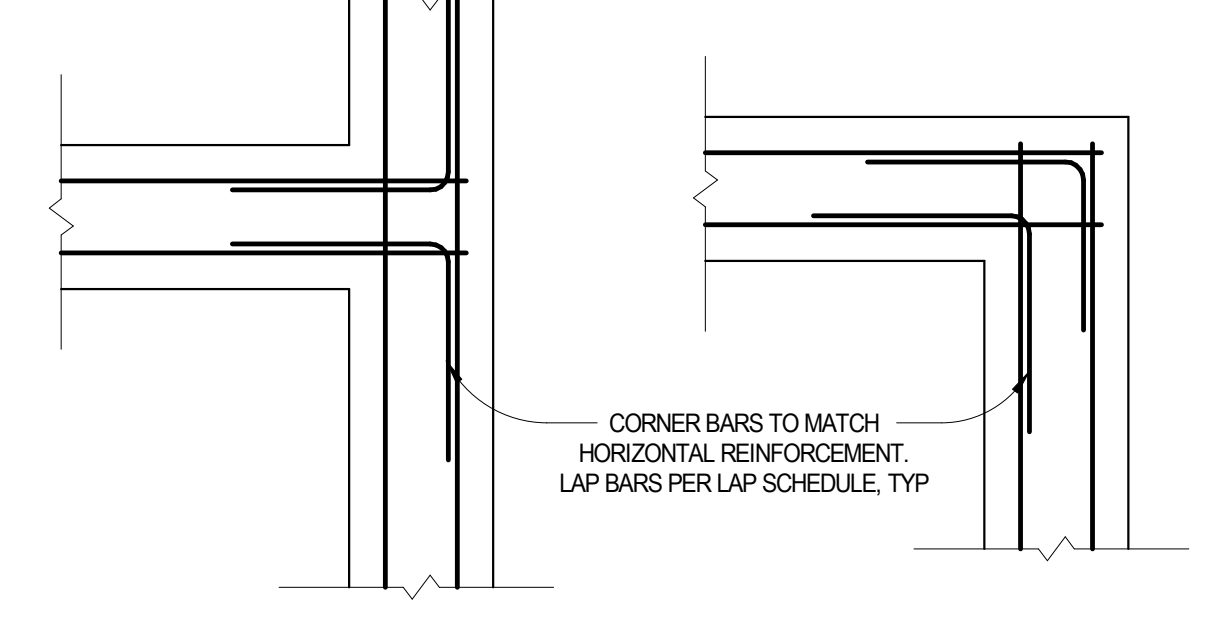
4 TYP RE-ENTRANT CORNER BAR  
NO SCALE



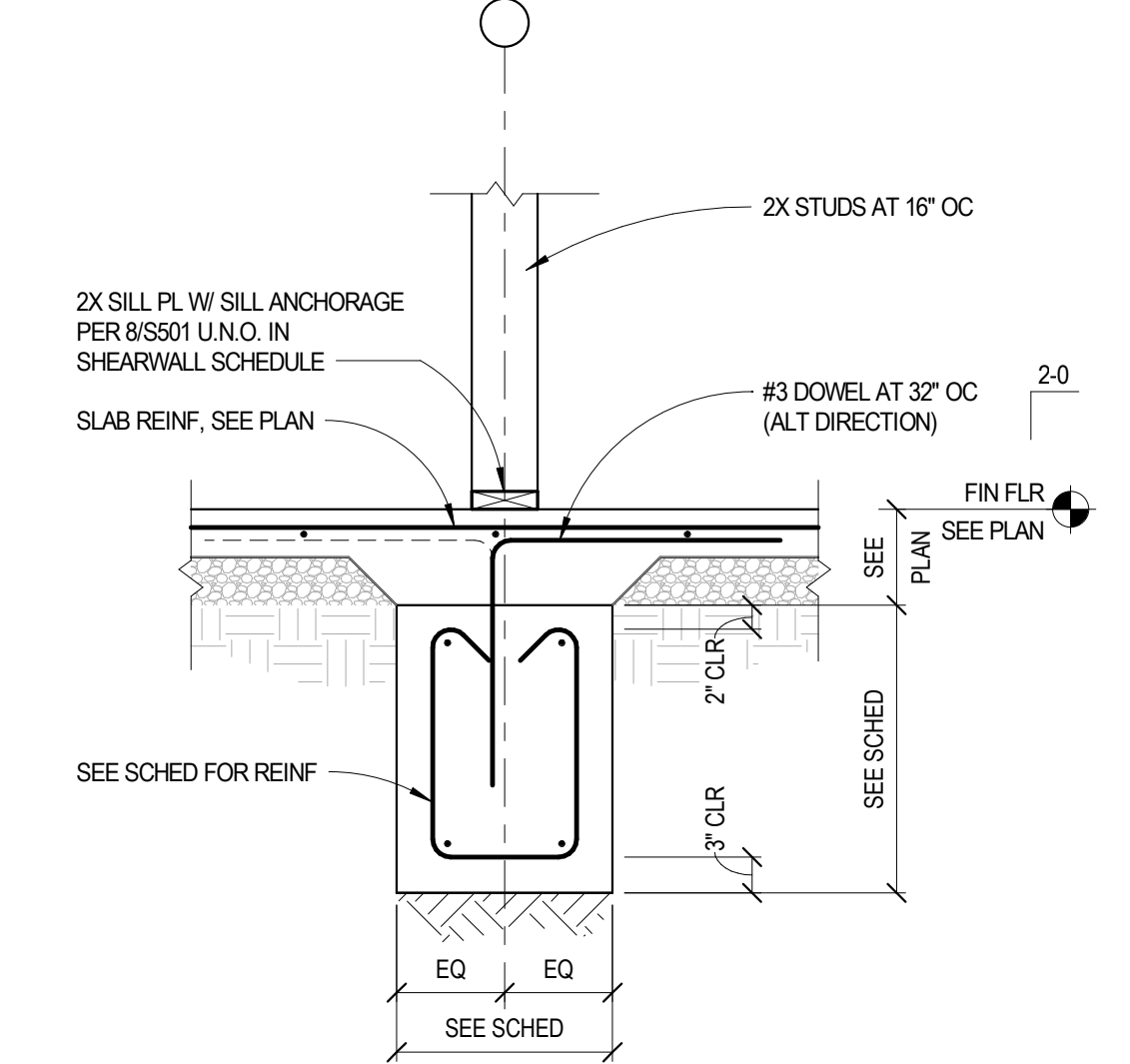
3 REINFORCING AT SLAB JOINT  
NO SCALE

- NOTES:
1. SEE FOUNDATION PLANS FOR ADDITIONAL SLAB INFORMATION, INCLUDING DEPTH AND REINFORCING.
  2. THE SAWCUTTING SHOULD BE DONE AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT CUTTING W/O CHIPPING, SPALLING OR TEARING BUT NOT MORE THAN 8 HOURS AFTER CASTING.
  3. DOWELS SHALL BE PARALLEL TO THE SLAB'S TOP SURFACE AND PERPENDICULAR TO THE SLAB JOINT. DOWELS SHALL BE A MINIMUM OF 6" FROM ANY SLAB EDGE.

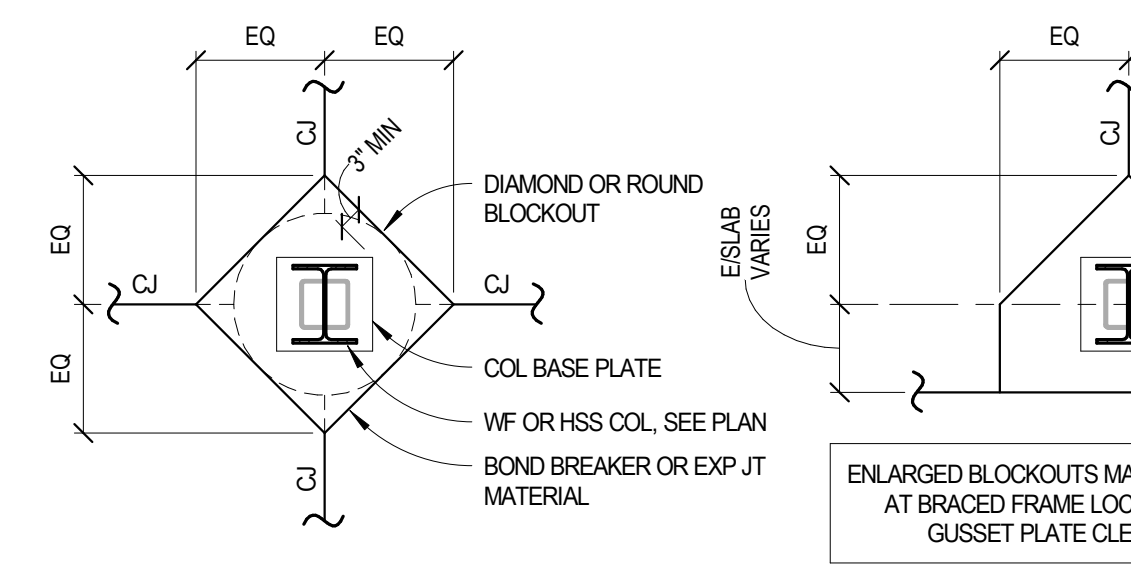
2 JOINT DETAILS  
NO SCALE



1 CORNER BAR DETAILS  
NO SCALE

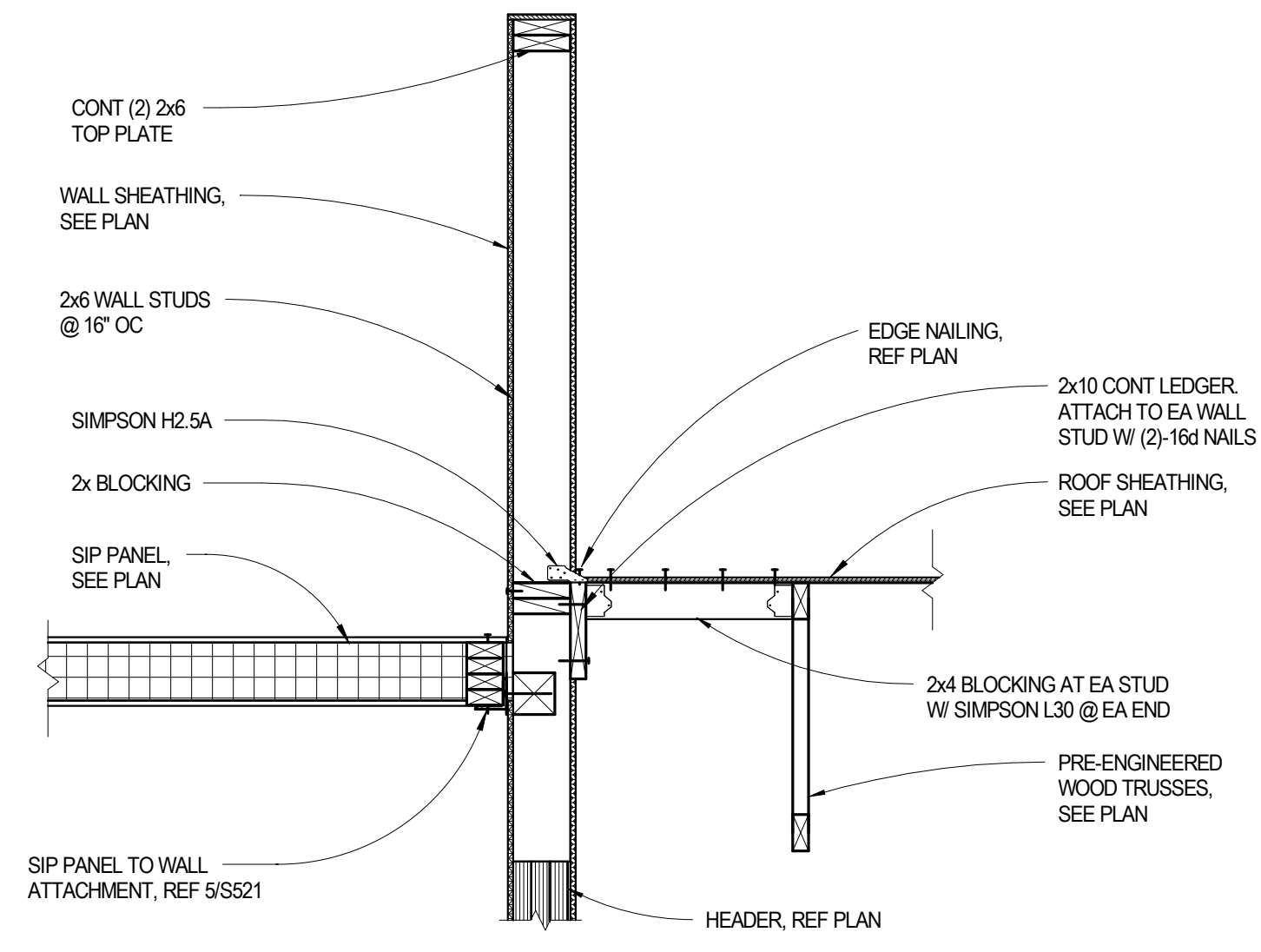


9 FOOTING DETAIL  
3/4" = 1'-0"

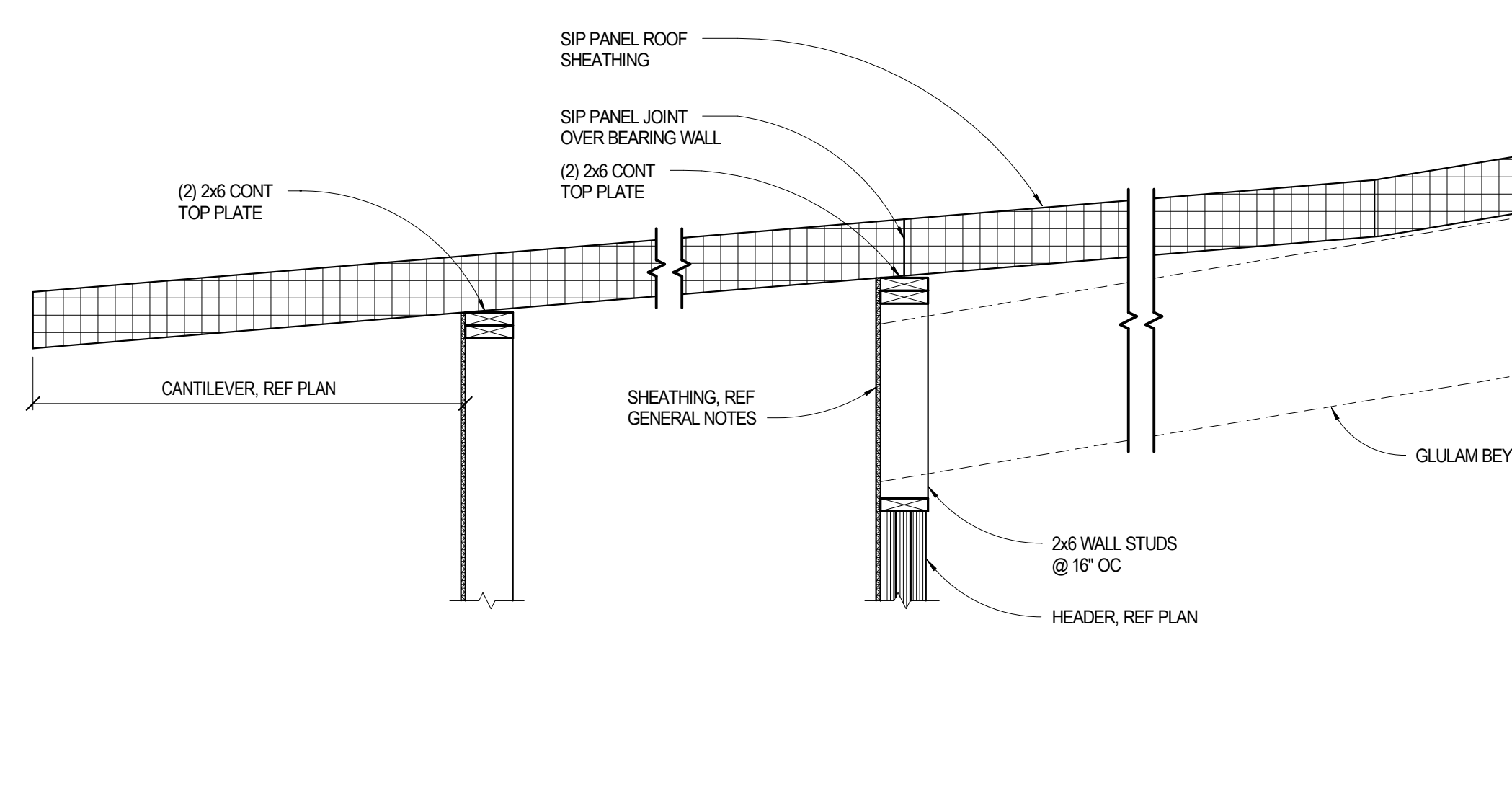


5 TYPICAL COLUMN BLOCKOUT  
NO SCALE

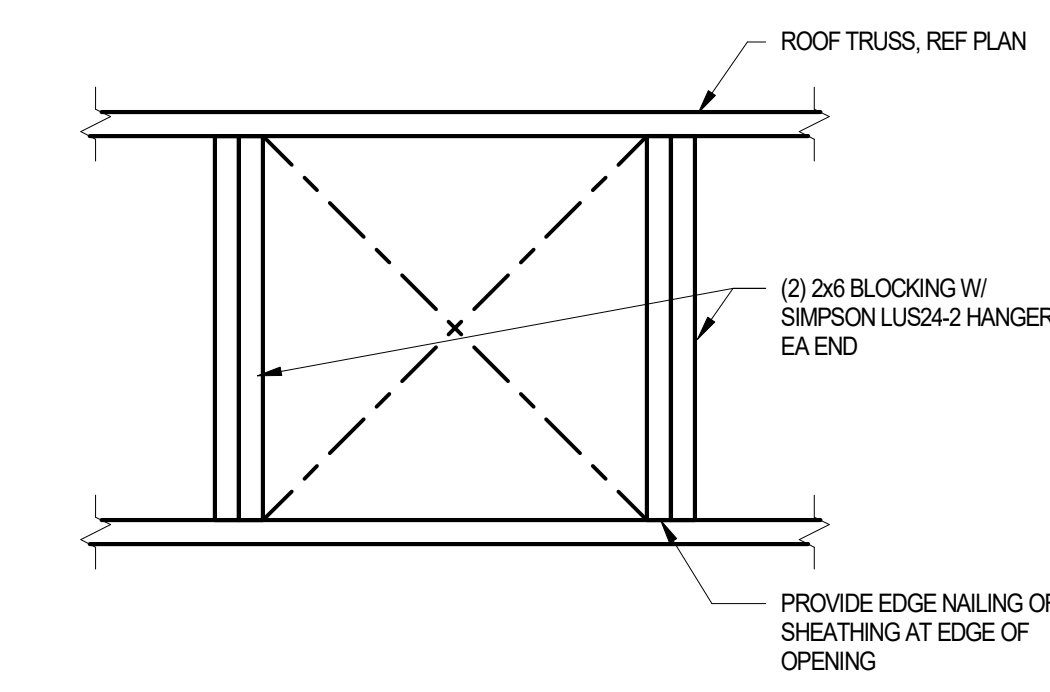




**10** SECTION  
3/4" = 1'-0"

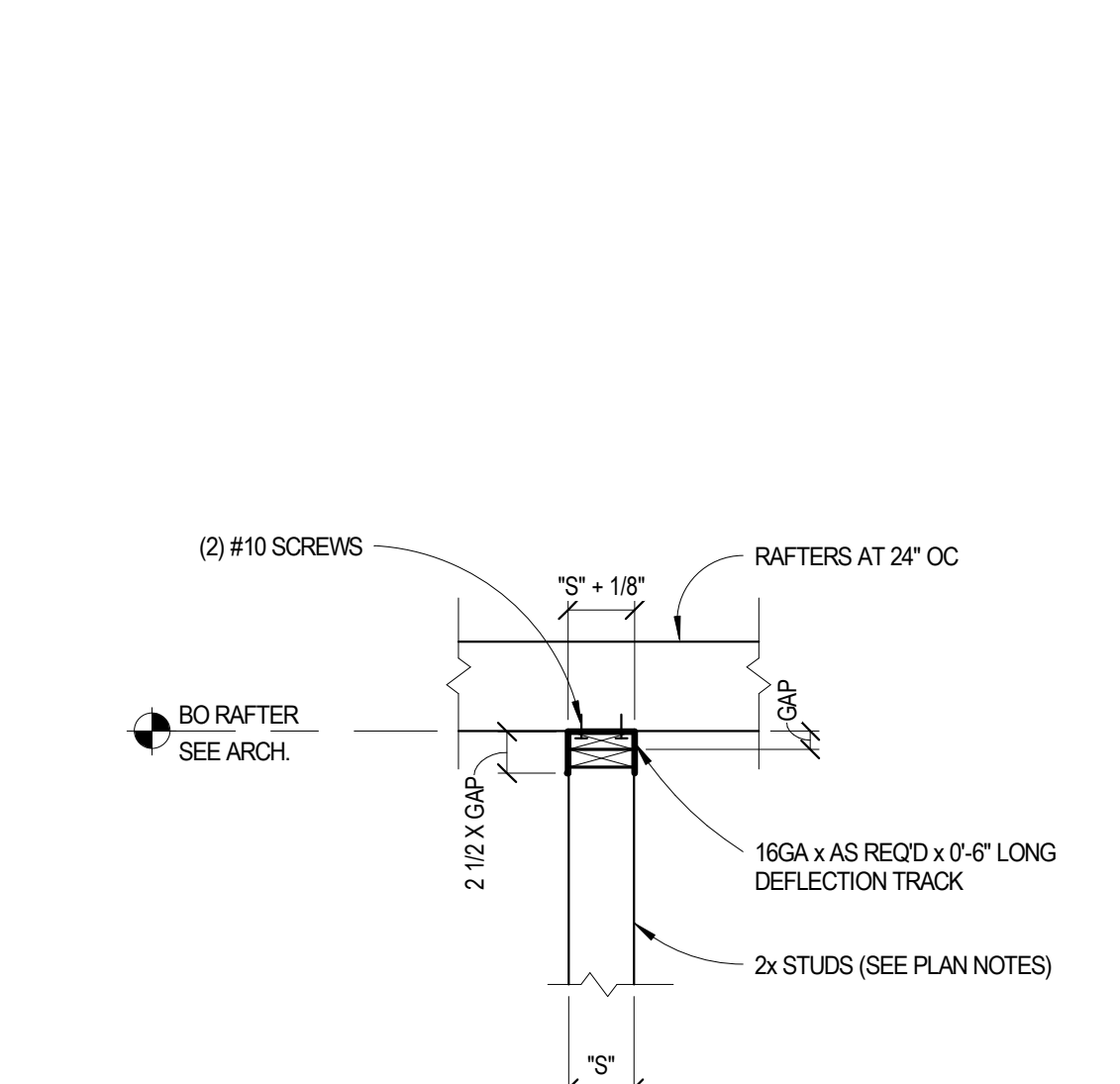


**9** SECTION  
3/4" = 1'-0"

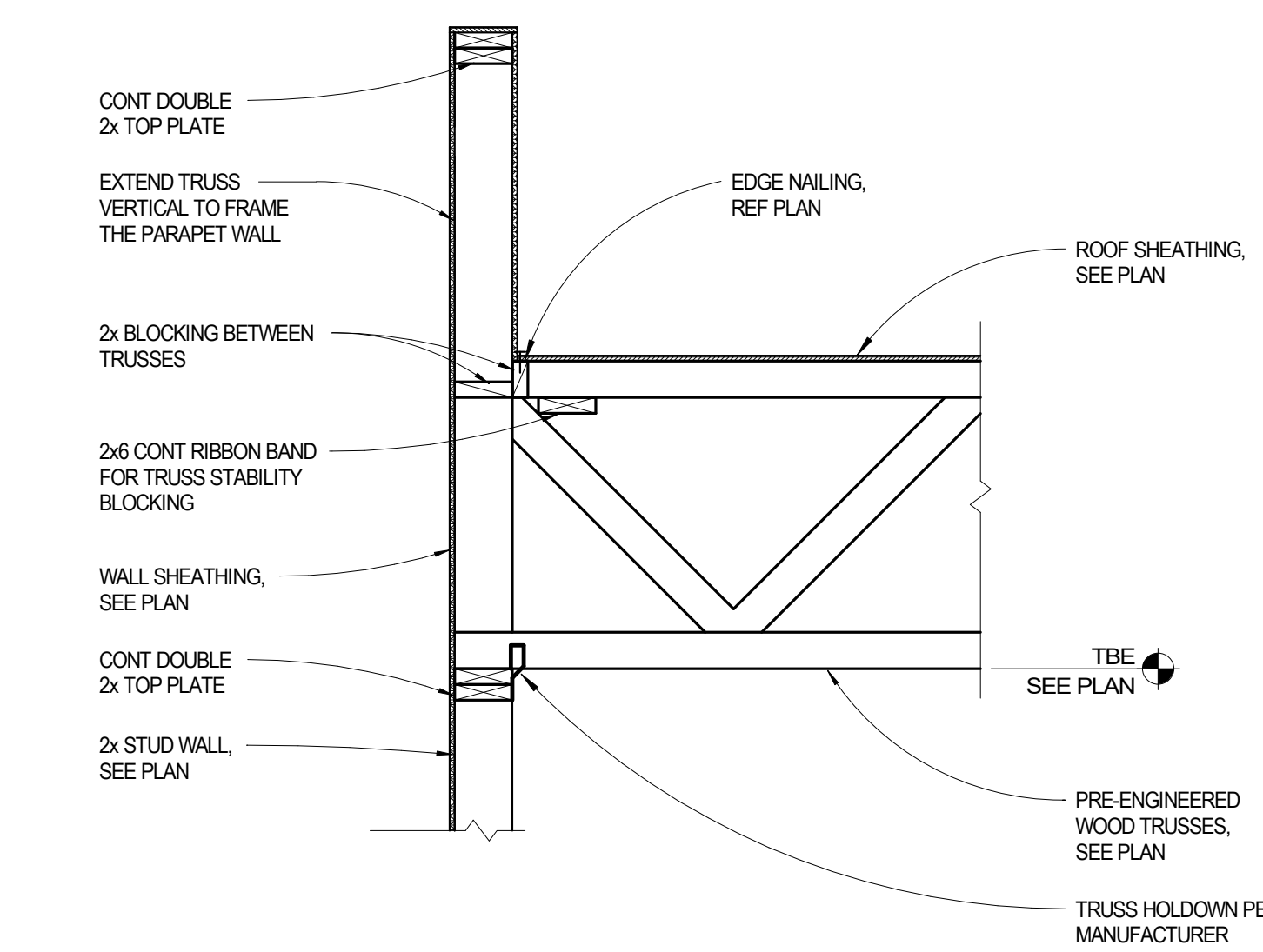


**8** ROOFTOP UNIT SUPPORT DETAIL  
1" = 1'-0"

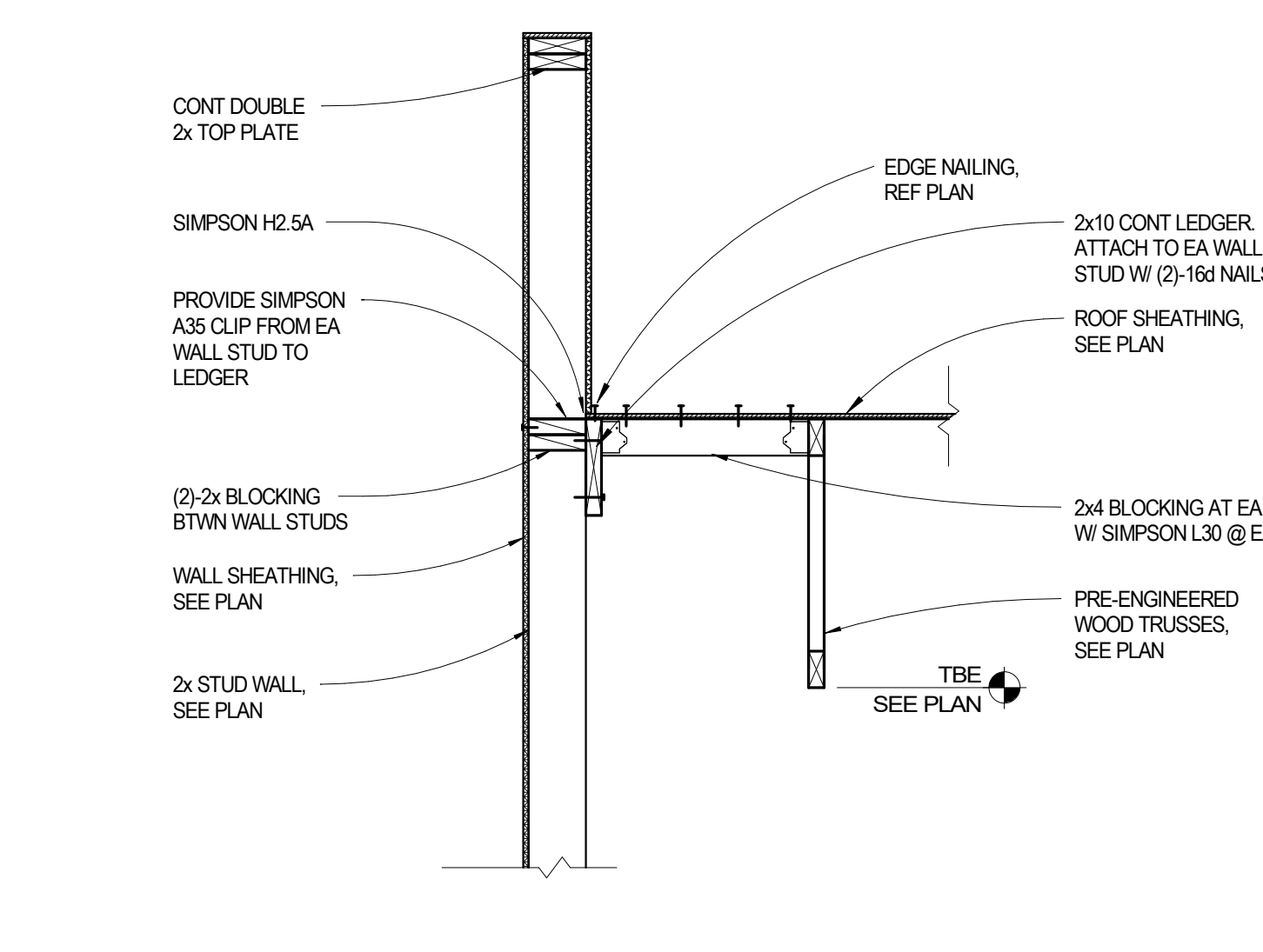
| SHEAR WALL SCHEDULE |                     |          |              |  |  |  |                  |  |       |         |
|---------------------|---------------------|----------|--------------|--|--|--|------------------|--|-------|---------|
| MARK                | SHEATHING THICKNESS | BLOCKING | FRAMING      | PERIMETER SUPPORT                          | INTERMEDIATE SUPPORTS                      | HOLDOWNS AT BASE                                       | NUMBER END STUDS | SILL ANCHORAGE   | NOTES | Include |
| SW1                 | 7/16"               | YES      | 2x AT 16" OC | 8x COMMON OR 0.131" DIA PNEUMATIC AT 6" OC | 8x COMMON OR 0.131" DIA PNEUMATIC AT 6" OC | SIMPSON HDU5-SDS2.5 W/ 5/8" DIA SIMPSON SST520 ANCHOR  | 2, UNO           | (1) 1/2" DIA SIMPSON TITEN HD ANCHOR AT 32" OC W/ 3 1/4" EMBEDMENT | N/A   | Yes     |
| SW2                 | 7/16"               | YES      | 2x AT 16" OC | 8x COMMON OR 0.131" DIA PNEUMATIC AT 6" OC | 8x COMMON OR 0.131" DIA PNEUMATIC AT 6" OC | SIMPSON HDU5-SDS2.5 W/ 5/8" DIA SIMPSON SST520 ANCHOR  | 3, UNO           | (1) 1/2" DIA SIMPSON TITEN HD ANCHOR AT 32" OC W/ 3 1/4" EMBEDMENT | N/A   | Yes     |
| SW3                 | 7/16"               | YES      | 2x AT 16" OC | 8x COMMON OR 2" DIA PNEUMATIC AT 3" OC     | 8x COMMON OR 0.131" DIA PNEUMATIC AT 6" OC | SIMPSON HDY 8-SDS2.5 W/ 5/8" DIA SIMPSON SST520 ANCHOR | 3, UNO           | (1) 1/2" DIA SIMPSON TITEN HD ANCHOR AT 24" OC W/ 20" EMBEDMENT    | N/A   | Yes     |



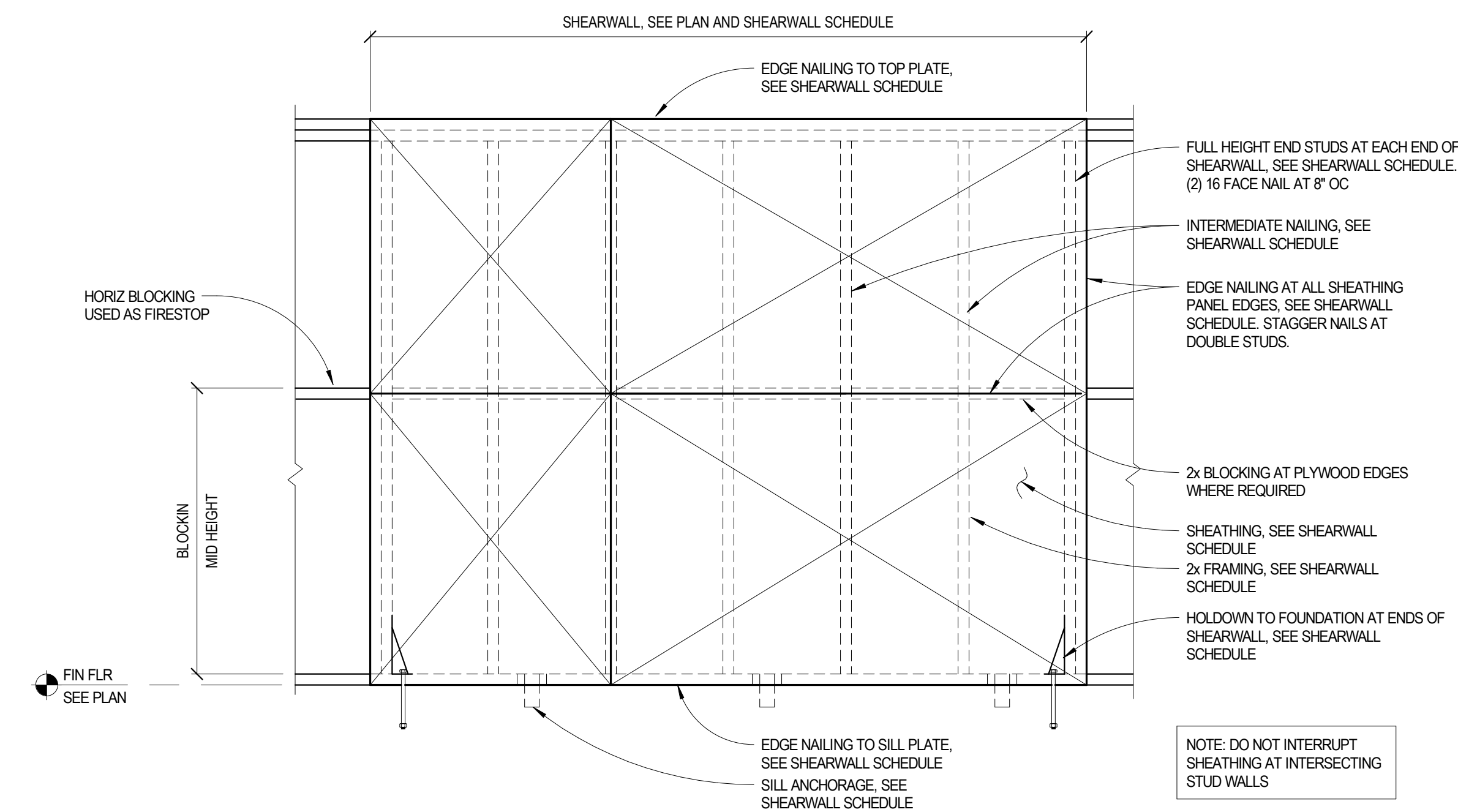
**7** WOOD WALL DEFLECTION DETAIL  
3/4" = 1'-0"



**6** TYP ROOF DETAIL WITH TRUSS PERP TO WALL  
3/4" = 1'-0"



**5** TYP ROOF DETAIL WITH TRUSS PARALLEL TO WALL  
3/4" = 1'-0"

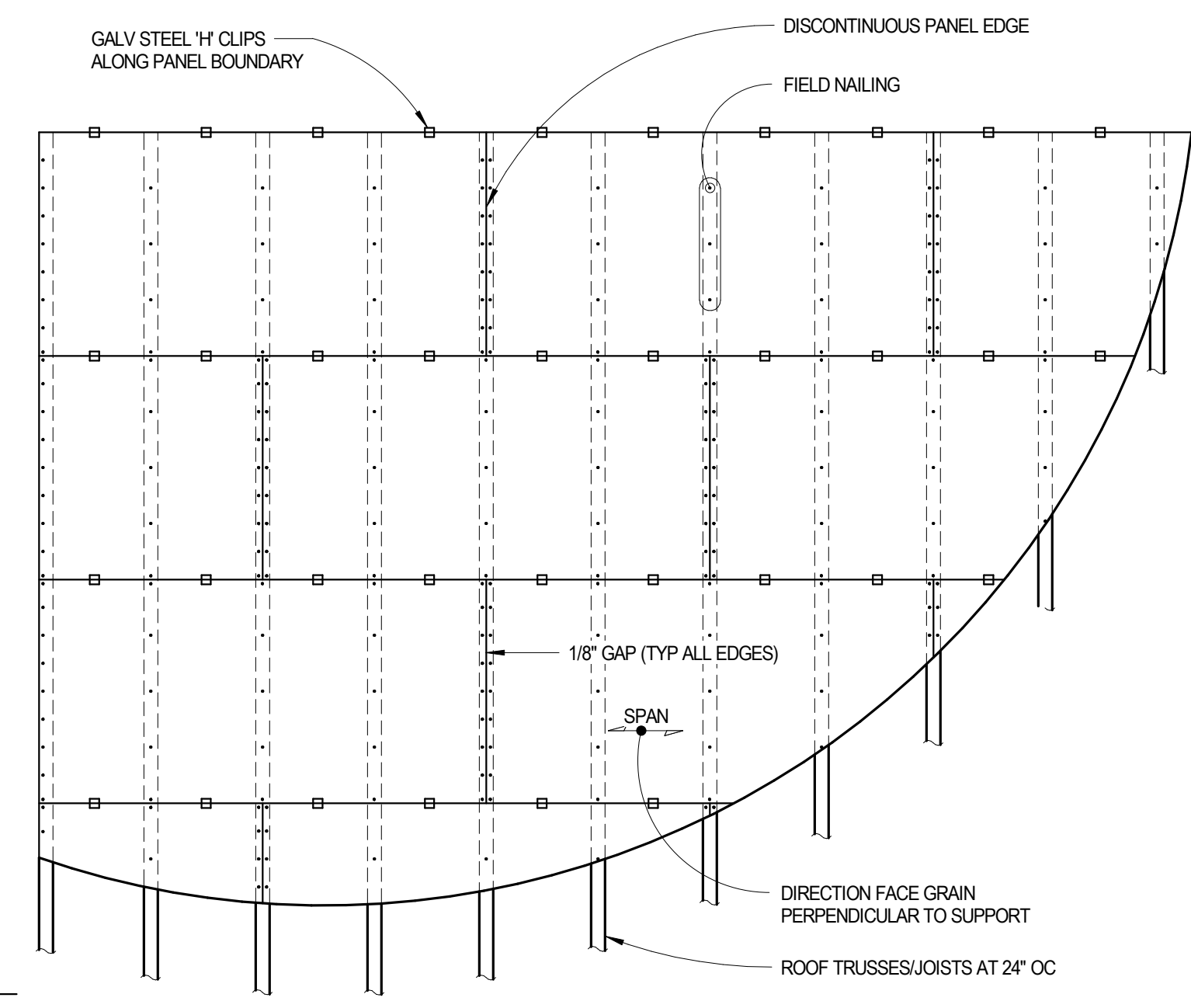


**4** SHEARWALL CONSTRUCTION AND SCHEDULE  
3/4" = 1'-0"

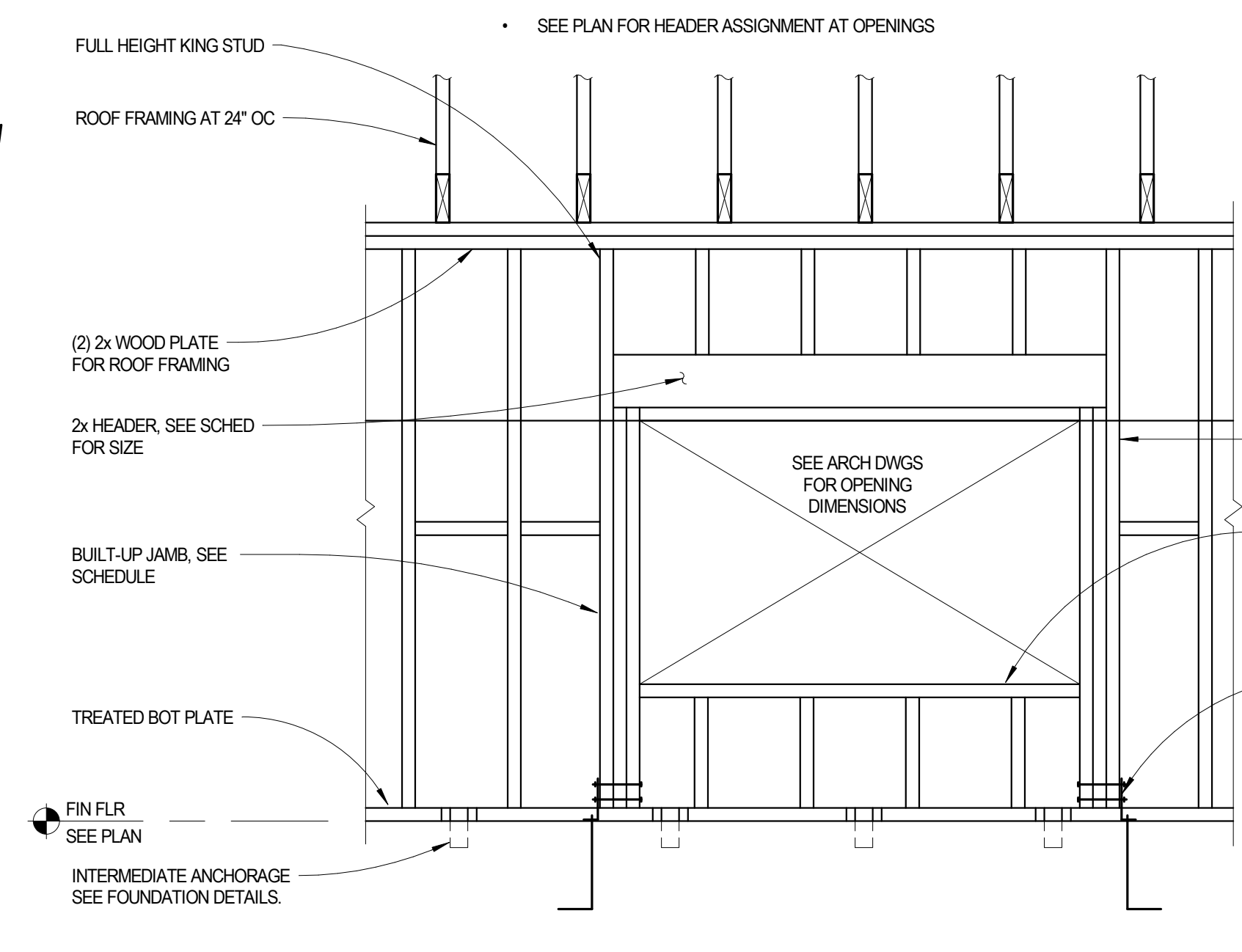
| MARK | MAX SPAN     | HEADER                 | JACK STUD | KING STUD |
|------|--------------|------------------------|-----------|-----------|
| [H1] | UP TO 5'-0"  | (3) 2x10               | (1) 2x    | (3) 2x    |
| [H2] | UP TO 6'-4"  | (3) 1 3/4"x11 7/8" LVL | (2) 2x    | (3) 2x    |
| [H3] | UP TO 12'-0" | (3) 1 3/4"x14" LVL     | (3) 2x    | (3) 2x    |

SEE PLAN FOR HEADER ASSIGNMENT AT OPENINGS

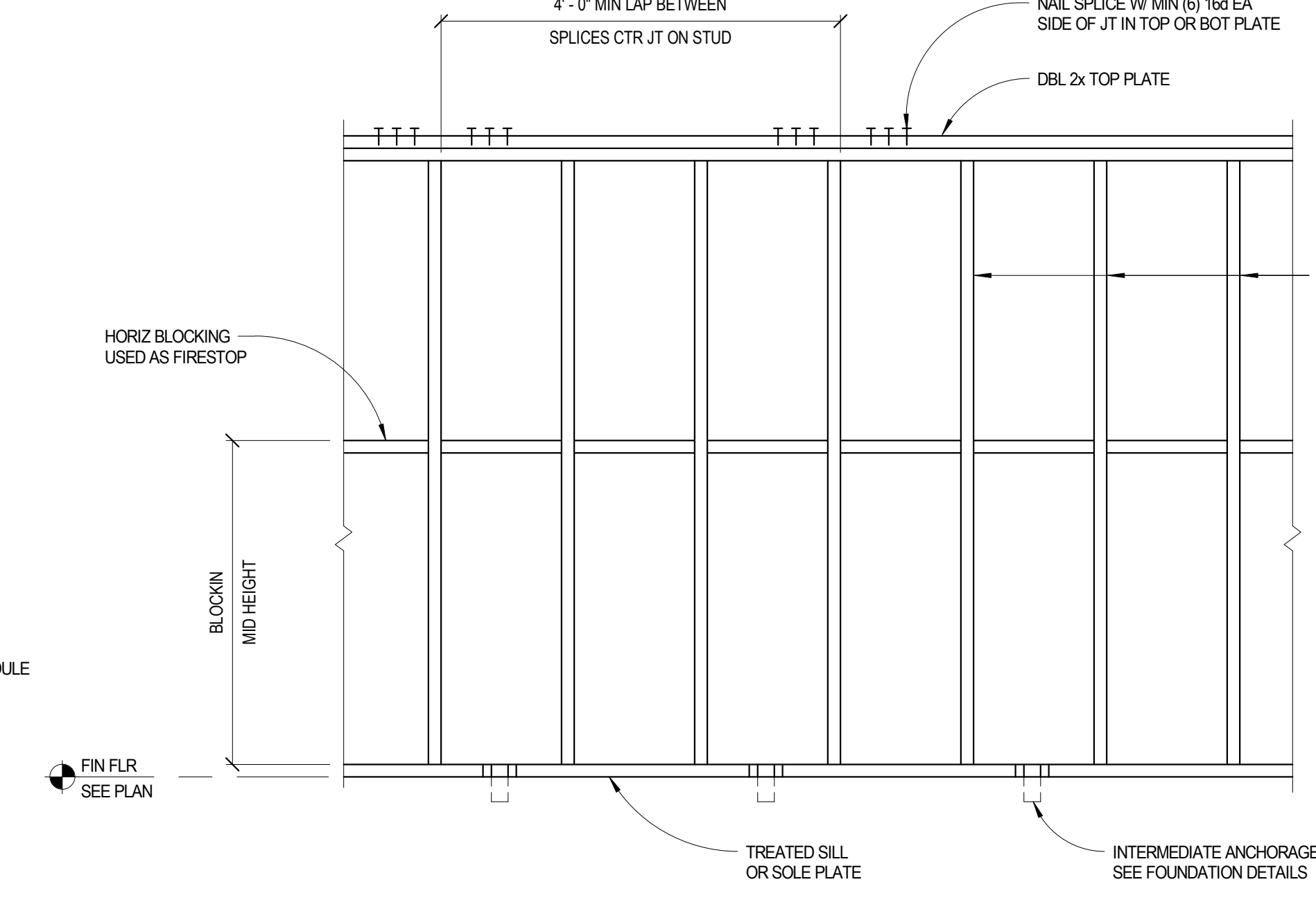
- ROOF SHEATHING NOTES**
1. STAGGER JOINTS AS SHOWN
  2. MIN SIZE OF SHEET SHALL BE 24"x24"
  3. NAIL EA CORNER OF PANEL & MID-POINT OF FULL SIZE SHEETS PRIOR TO NAILING
  4. NAILS SHALL BE DRIVEN TIGHT BUT SHALL NOT FRACTURE SURFACE OF SHEATHING
  5. TOLERANCE ON FASTENING SHALL BE +/- 1" WITH THE AVERAGE NAIL SPACING OVER ANY 48" LENGTH BEING AT LEAST THAT NOTED ON THE PLAN
  6. SEE DETAIL FOR BLOCK DETAILS AT RIDGES
  7. SEE WOOD ROOF SHEATHING NOTES ON THE GENERAL NOTES SHEET AND THE PLAN NOTES



**3** ROOF SHEATHING ON FRAMING  
3/4" = 1'-0"

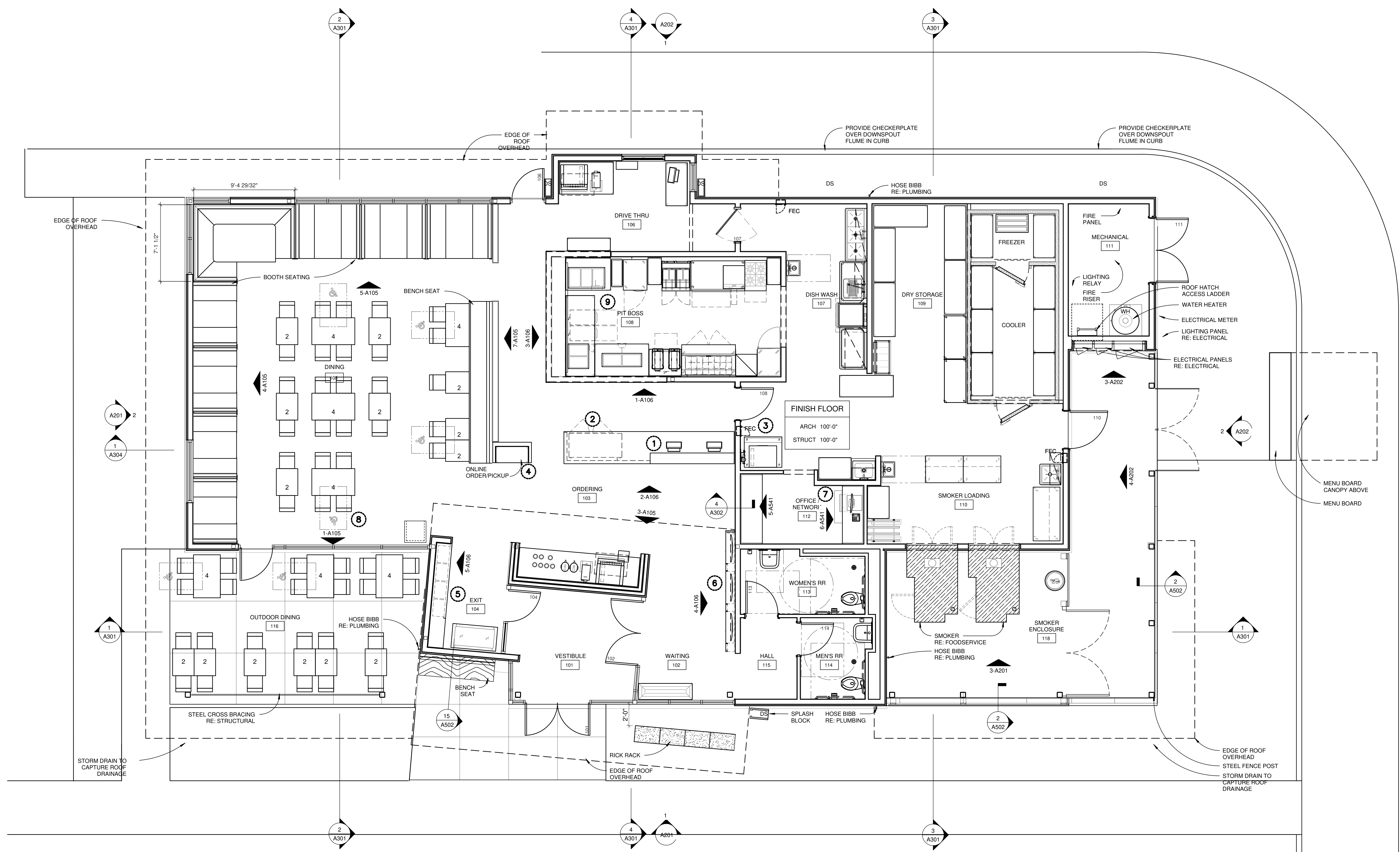


**2** EXTERIOR LINTEL ELEV AT BEARING WALL  
3/4" = 1'-0"



**1** TYP BEARING STUD WALL ELEV  
3/4" = 1'-0"





**1**  
**A101** REFERENCE FLOOR PLAN  
SCALE: 1/4" = 1'-0"



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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: REFERENCE FLOOR PLAN



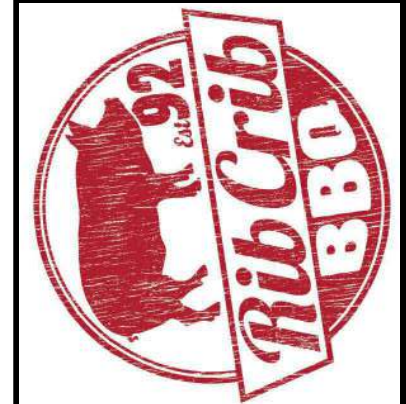
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PROJECT DATE  
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Drawn By  
**CDK**  
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**NRD**  
Sheet No.

**A101**

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: DIMENSIONED FLOOR PLAN



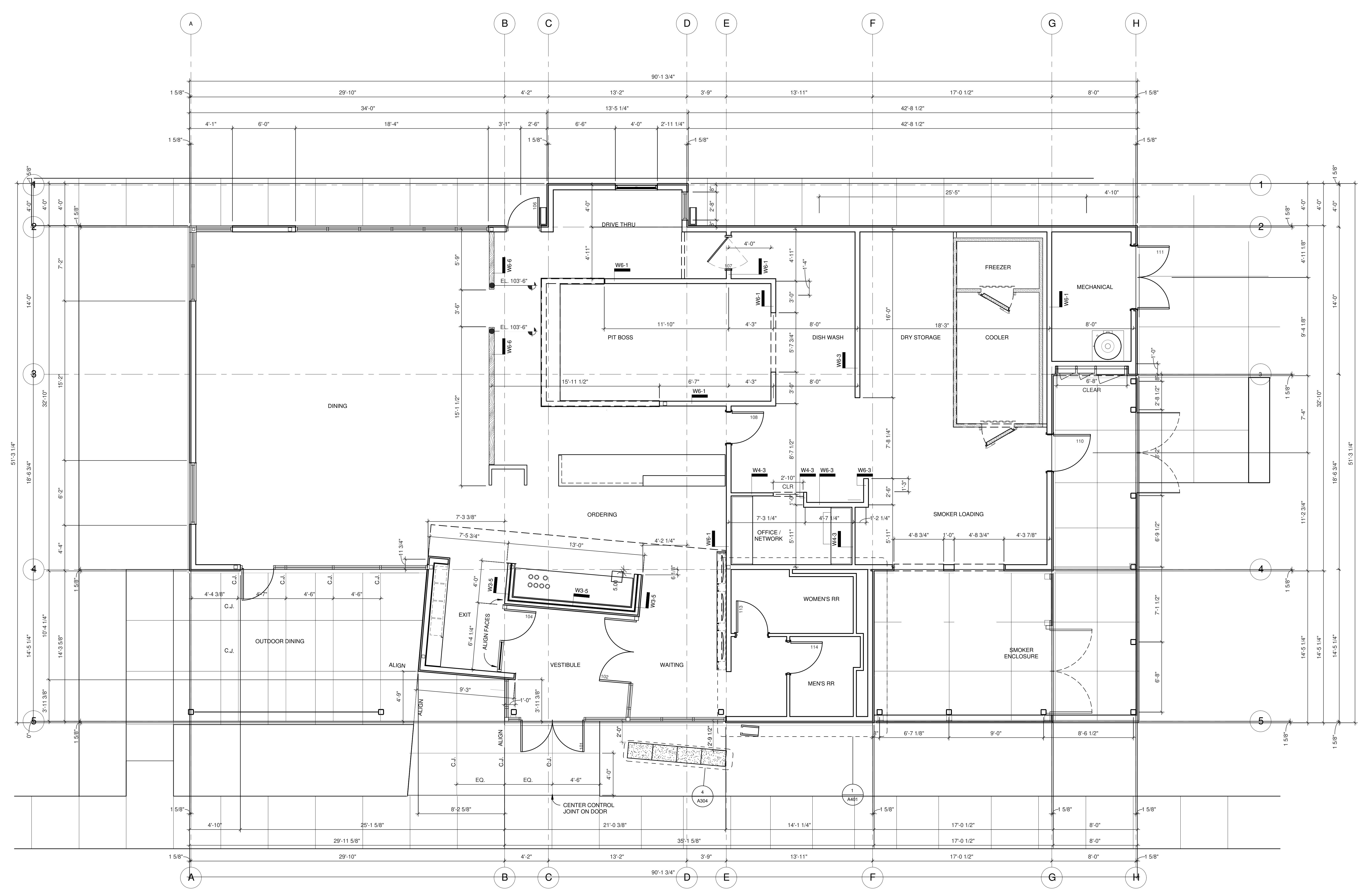
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PROJECT DATE  
08/12/2022

Drawn By  
**CDK**

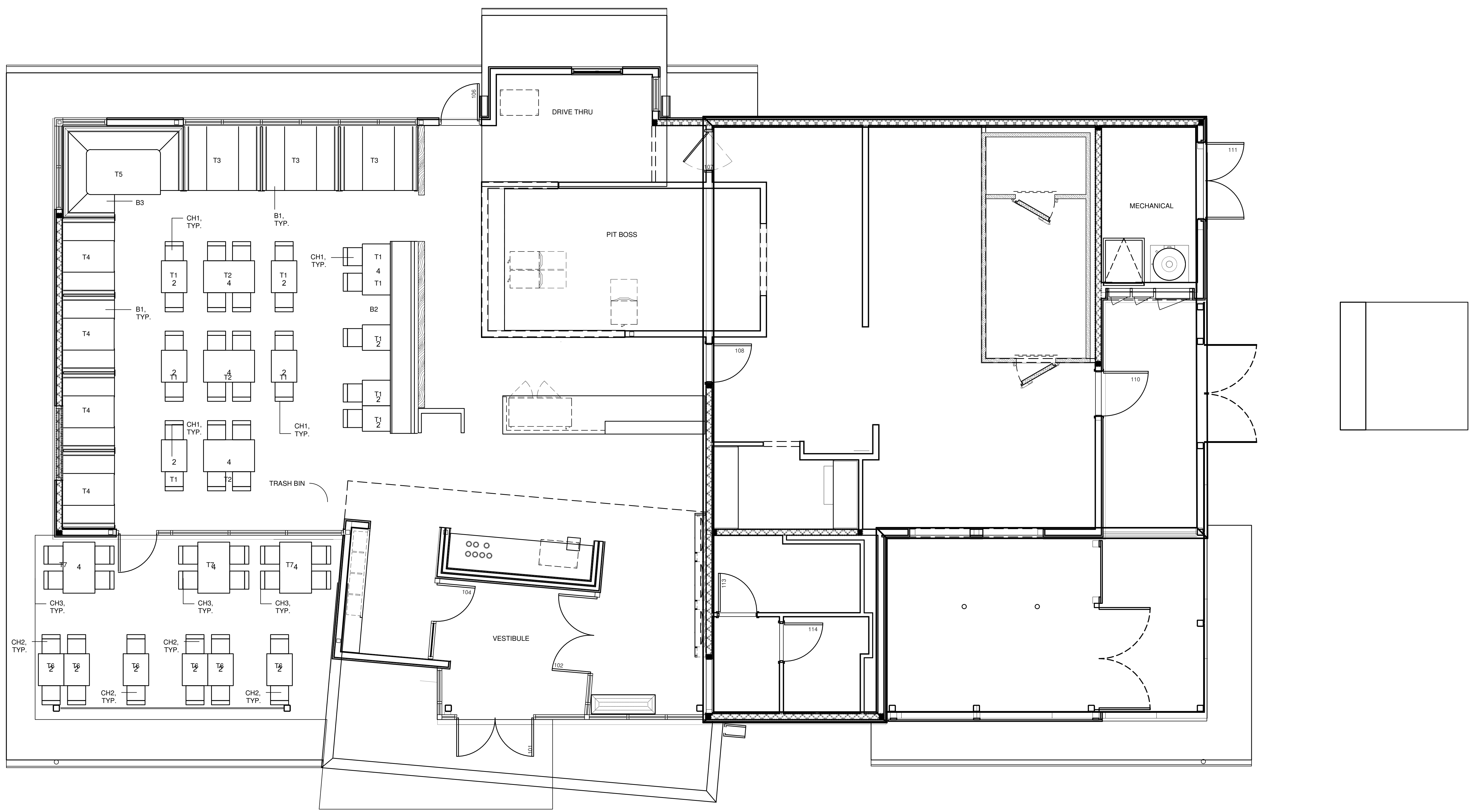
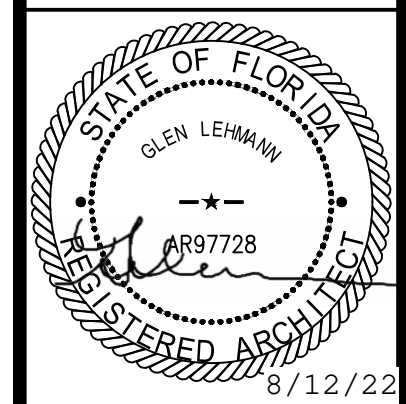
Checked By  
**NRD**

Sheet No.  
**A102**



**1** DIMENSION FLOOR PLAN  
1/4" = 1'-0"





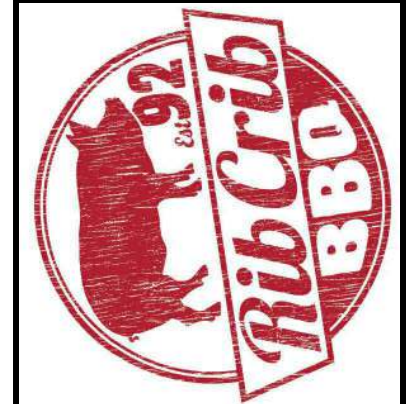
**1** FURNITURE PLAN  
 1/4" = 1'-0" 6 - A106

**FURNITURE LEGEND**

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| <p>B1 IN-LINE BOOTH, RE: A107</p> <p>B2 BANQUETTE, RE: A107</p> <p>B3 U-SHAPED BOOTH, RE: A107</p> | <p>CH1 G&amp;A COMMERCIAL SEATING PRODUCT: DANTE SIDE CHAIR MODEL NUMBER: 513-B PS LADDER BACK, UPHOLSTERED PADDED SEAT, WELDED JOINT ASSEMBLY, 18 GAUGE 1-1/4" STEEL SQUARE FRAME WITH MATTE BLACK FINISH, NON-MARRING FLOOR GUIDES VINYL: VNS-013 NEW SOHO EBONY</p> <p>CH2 EAST COAST CHAIR &amp; BARSTOOL LUCA COLLECTION SIDE CHAIR, W-LUCA-SCH-BLK</p> <p>CH3 EAST COAST CHAIR &amp; BARSTOOL LUCA COLLECTION BARSTOOL, W-LUCA-BS-BLK</p> | <p>T1 INDOOR DINING TABLE SIZE: 24" X 30" TOP: EAST COAST CHAIR &amp; BARSTOOL; URBAN DISTRESSED WOOD TABLE TOP, 1 3/4" THICK, PROVINCIAL FINISH BASE: MSW RESTAURANT FURNISHINGS 22" X 22" BLACK DINING HEIGHT X-BASE, 3" COLUMN DH</p> <p>T2 INDOOR DINING TABLE SIZE: 30" X 48" TOP: EAST COAST CHAIR &amp; BARSTOOL; URBAN DISTRESSED WOOD TABLE TOP, 1 3/4" THICK, PROVINCIAL FINISH BASE: MSW RESTAURANT FURNISHINGS, TO BE DETERMINED</p> <p>T3 INDOOR DINING TABLE SIZE: 30" X 60" TOP: EAST COAST CHAIR &amp; BARSTOOL; URBAN DISTRESSED WOOD TABLE TOP, 1 3/4" THICK, PROVINCIAL FINISH BASE: MSW RESTAURANT FURNISHINGS, 22" CANTILEVER BRACKET (BLACK) &amp; PIN LEG, STANDARD HEIGHT (BLACK), WALL ANGLE NOT INCLUDED</p> | <p>T4 INDOOR DINING TABLE SIZE: 30" X 48" TOP: EAST COAST CHAIR &amp; BARSTOOL; URBAN DISTRESSED WOOD TABLE TOP, 1 3/4" THICK, PROVINCIAL FINISH BASE: MSW RESTAURANT FURNISHINGS, 22" CANTILEVER BRACKET (BLACK) &amp; PIN LEG, STANDARD HEIGHT (BLACK), WALL ANGLE NOT INCLUDED</p> <p>T5 INDOOR DINING TABLE SIZE: 42" X 70" TOP: EAST COAST CHAIR &amp; BARSTOOL; URBAN DISTRESSED WOOD TABLE TOP, 1 3/4" THICK, PROVINCIAL FINISH BASE: MSW RESTAURANT FURNISHINGS, TO BE DETERMINED</p> <p>T6 OUTDOOR DINING TABLE SIZE: 24" X 30" TOP: EAST COAST CHAIR &amp; BARSTOOL; LUCA COLLECTION TABLE TOP W-LUCA-2430 BASE: SHIPYARD COLLECTION OUTDOOR SINGLE TABLE BASE IN BLACK POWDER FINISH (TABLE HEIGHT) W-SYBASE-TH-BLK</p> | <p>T7 OUTDOOR DINING TABLE SIZE: 30" X 48" TOP: EAST COAST CHAIR &amp; BARSTOOL; LUCA COLLECTION TABLE TOP W-LUCA-3048 BASE: SHIPYARD COLLECTION OUTDOOR SINGLE TABLE BASE IN BLACK POWDER FINISH (BAR HEIGHT) W-SYBASE-DBL-BH-BLK</p> |
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**RIB CRIB GEN 6 PROTOTYPE**  
 Location: GATEWAY CROSSING, CENTURION WAY  
 LAKE CITY, FLORIDA 32055  
 Drawing: FURNITURE PLAN

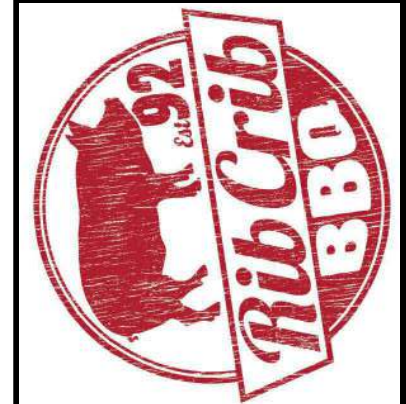


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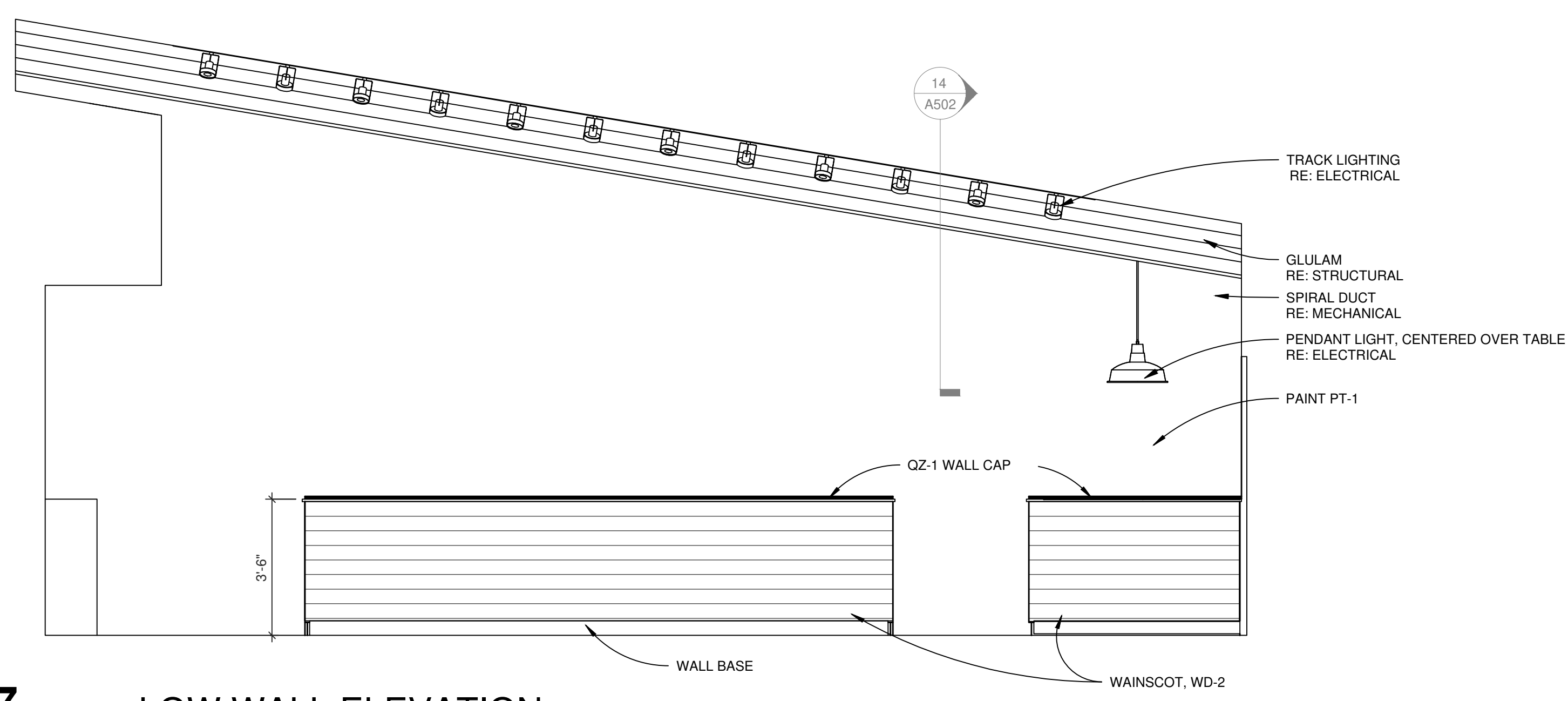
PROJECT DATE  
 08/12/2022  
 Drawn By  
**CDK**  
 Checked By  
**NRD**  
 Sheet No.  
**A104**

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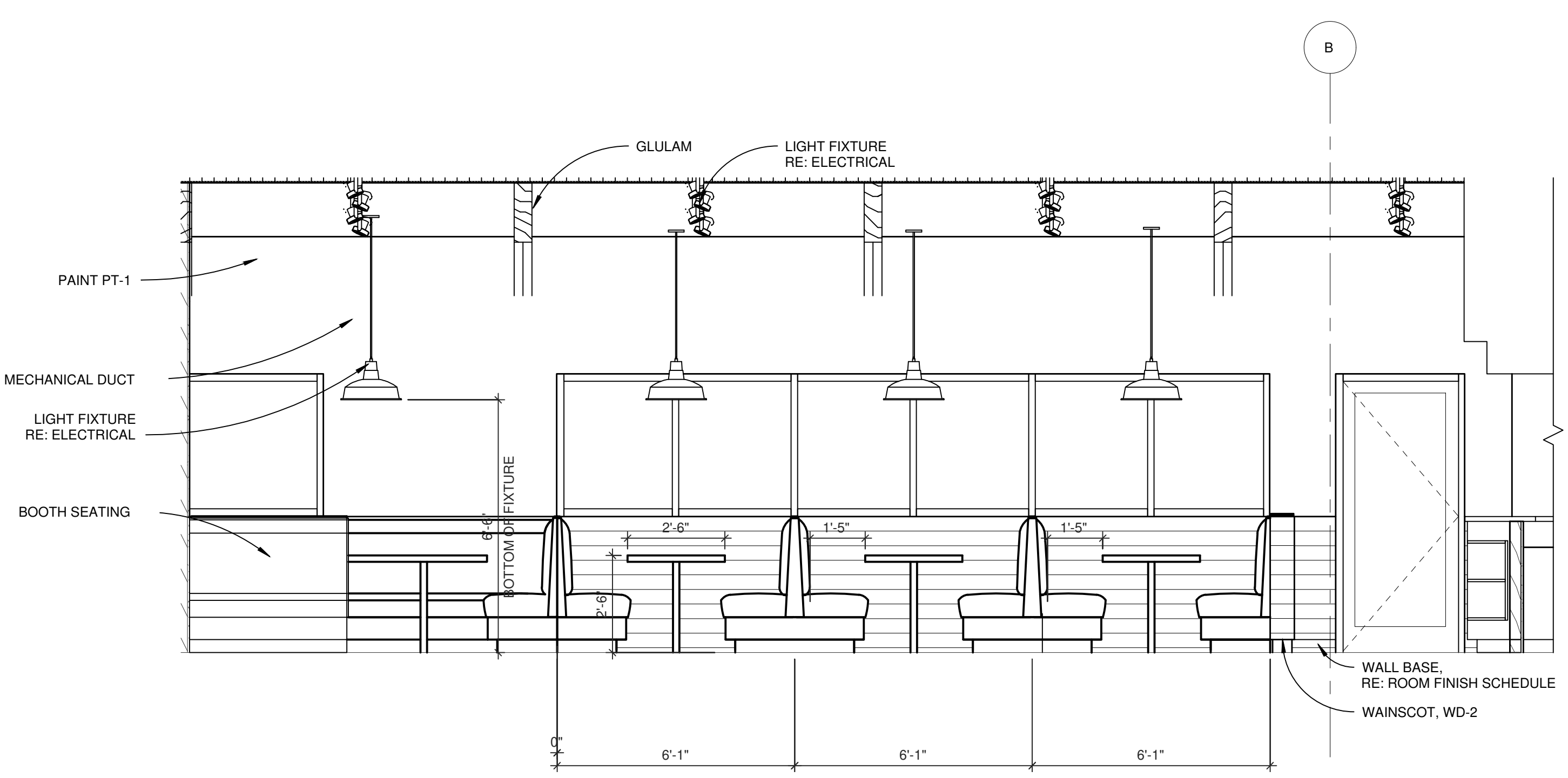
**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA, 32055  
Drawing: INTERIOR ELEVATIONS



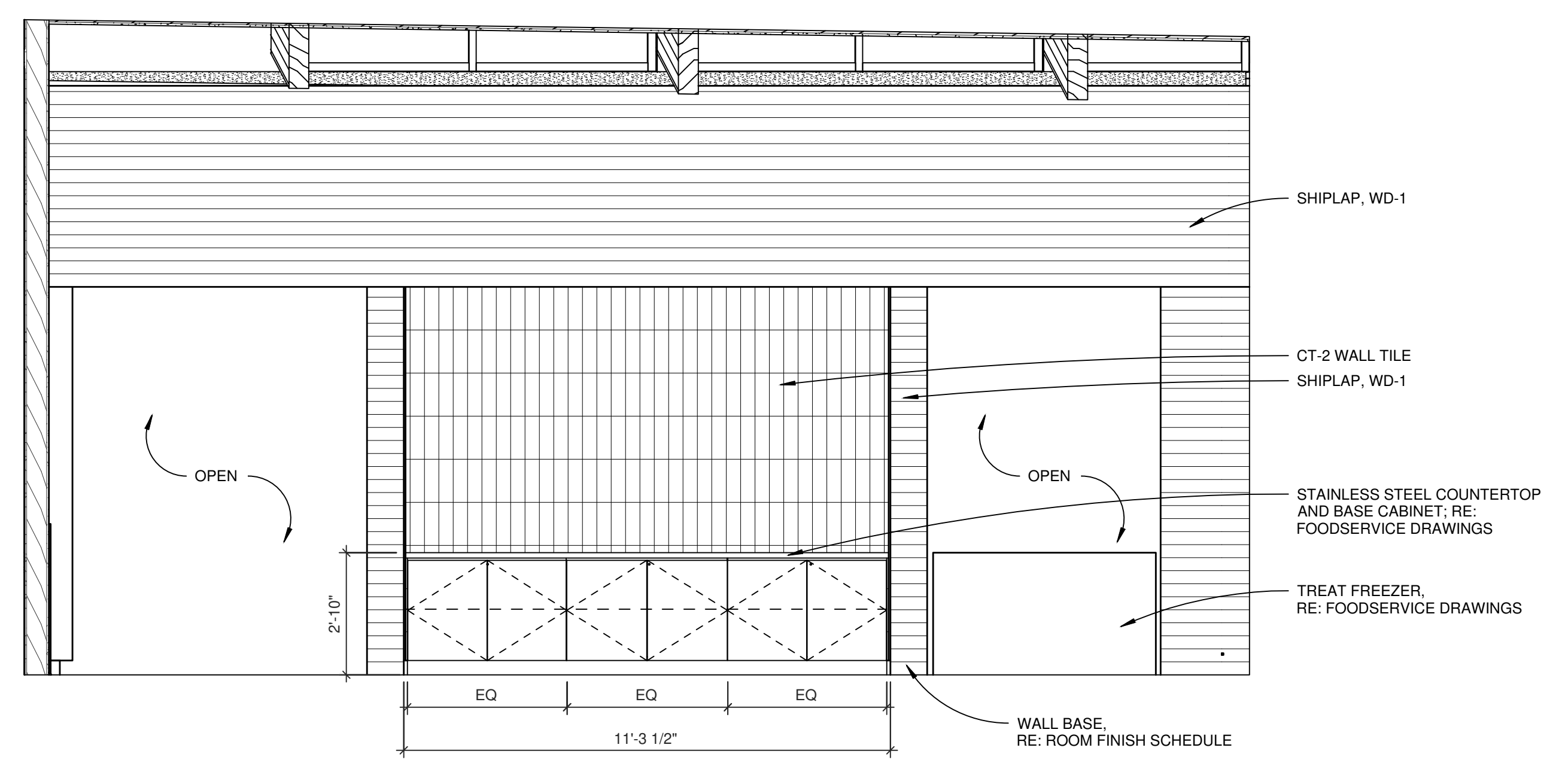
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| Drawn By      | CDK         |
| Checked By    | NRD         |
| Sheet No.     | <b>A105</b> |



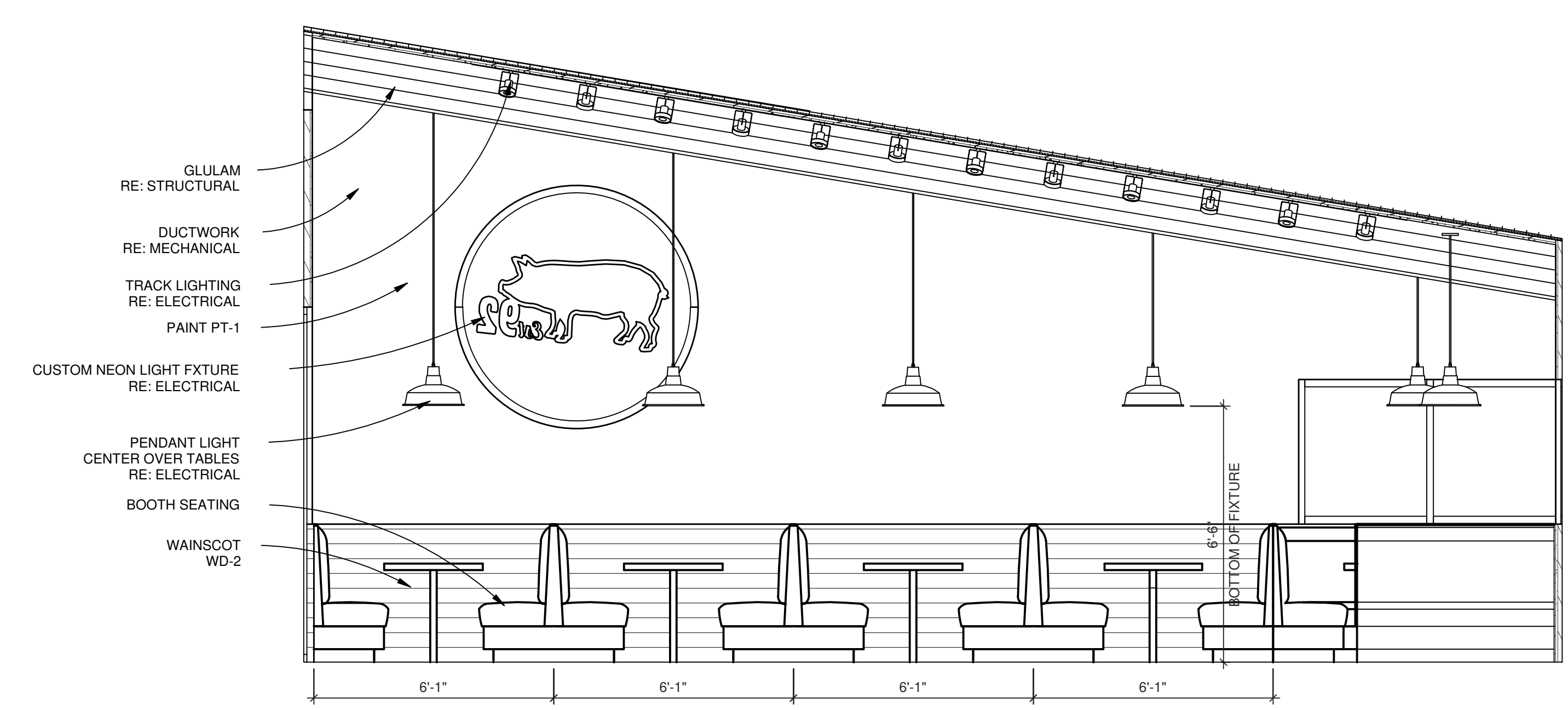
**7** LOW WALL ELEVATION  
3/8" = 1'-0" 1 - A100



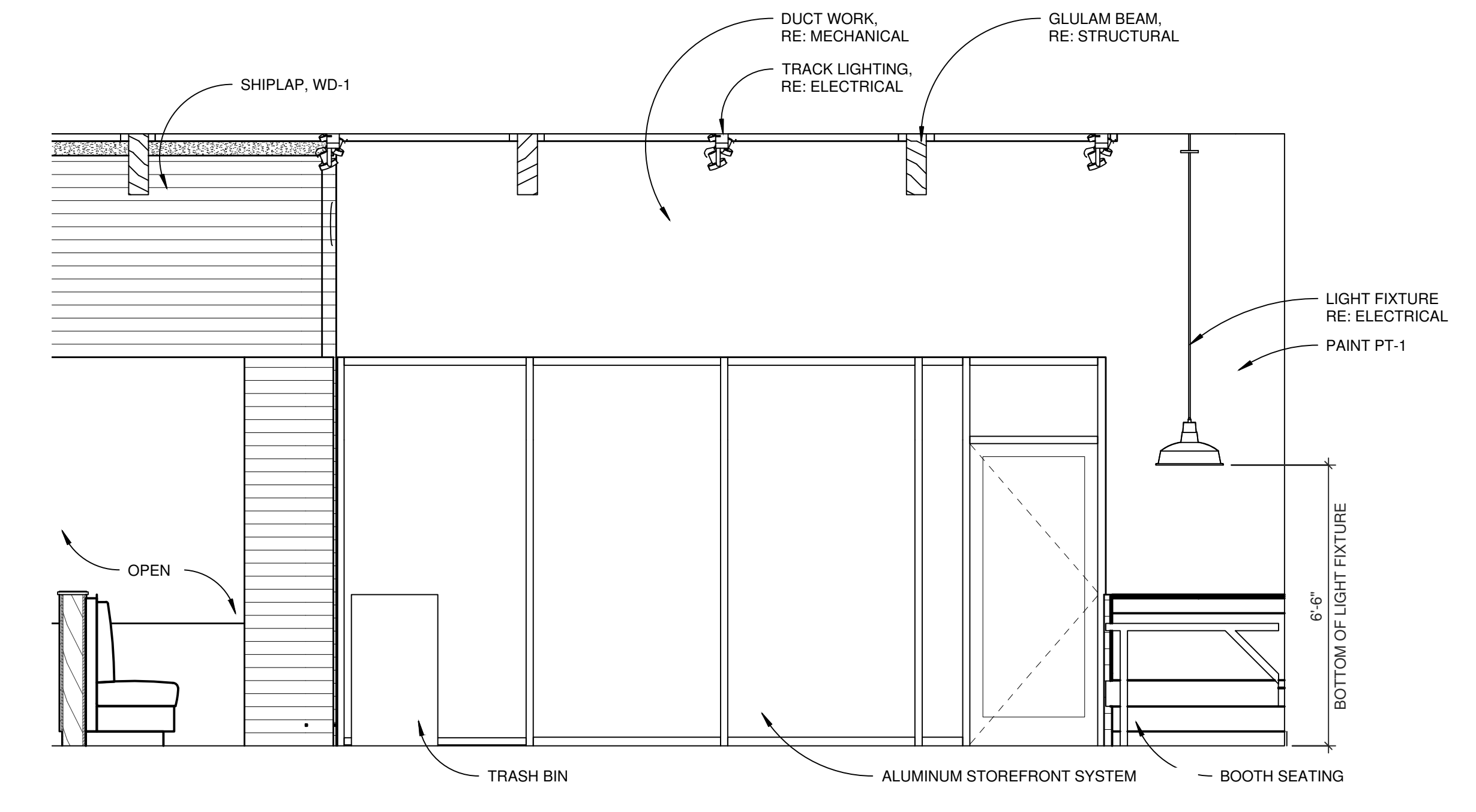
**5** DINING ELEVATION  
3/8" = 1'-0" 1 - A100



**3** BEVERAGE STATION ELEVATION  
3/8" = 1'-0" 1 - A100

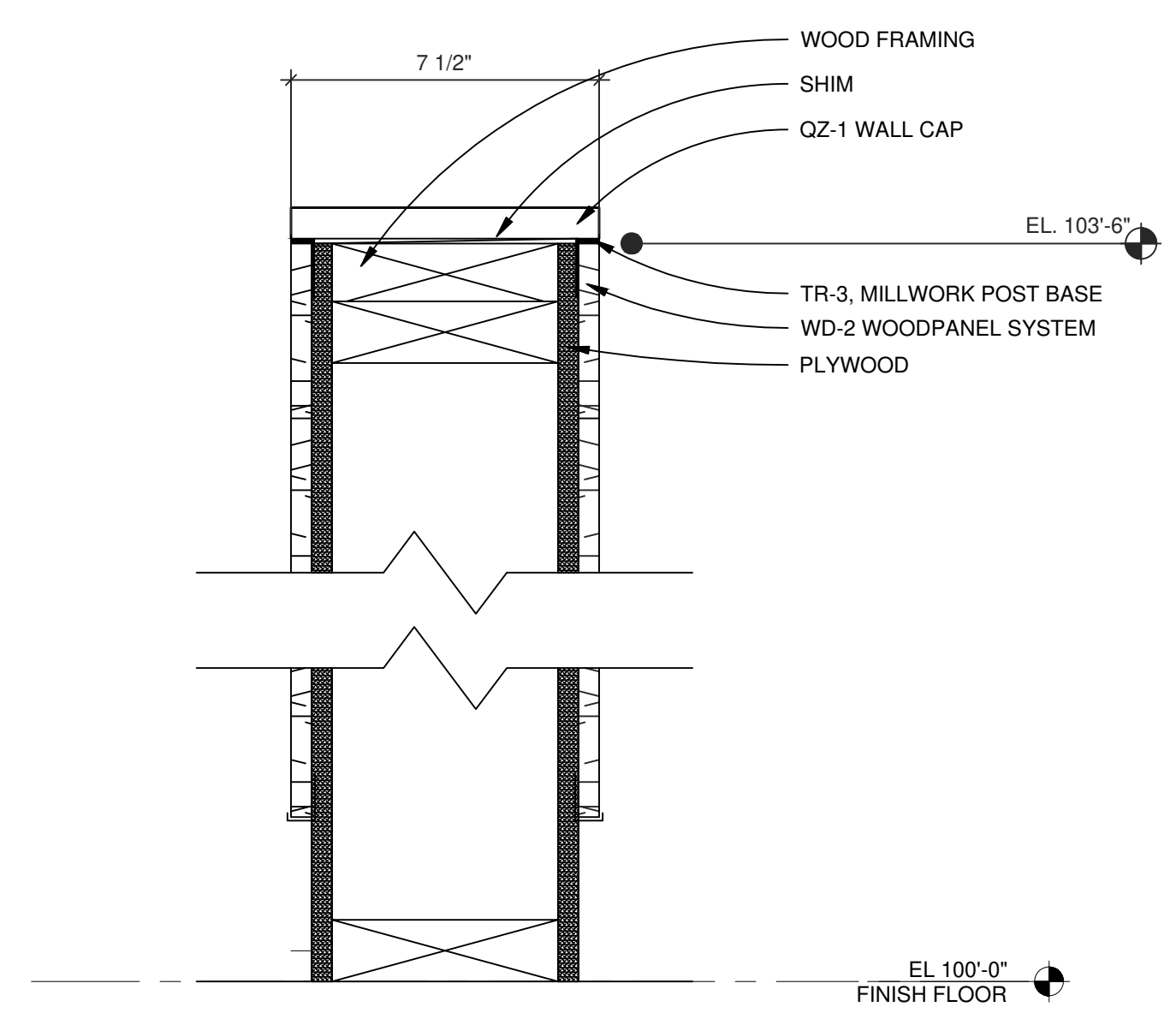


**4** DINING ELEVATION  
3/8" = 1'-0" 1 - A100

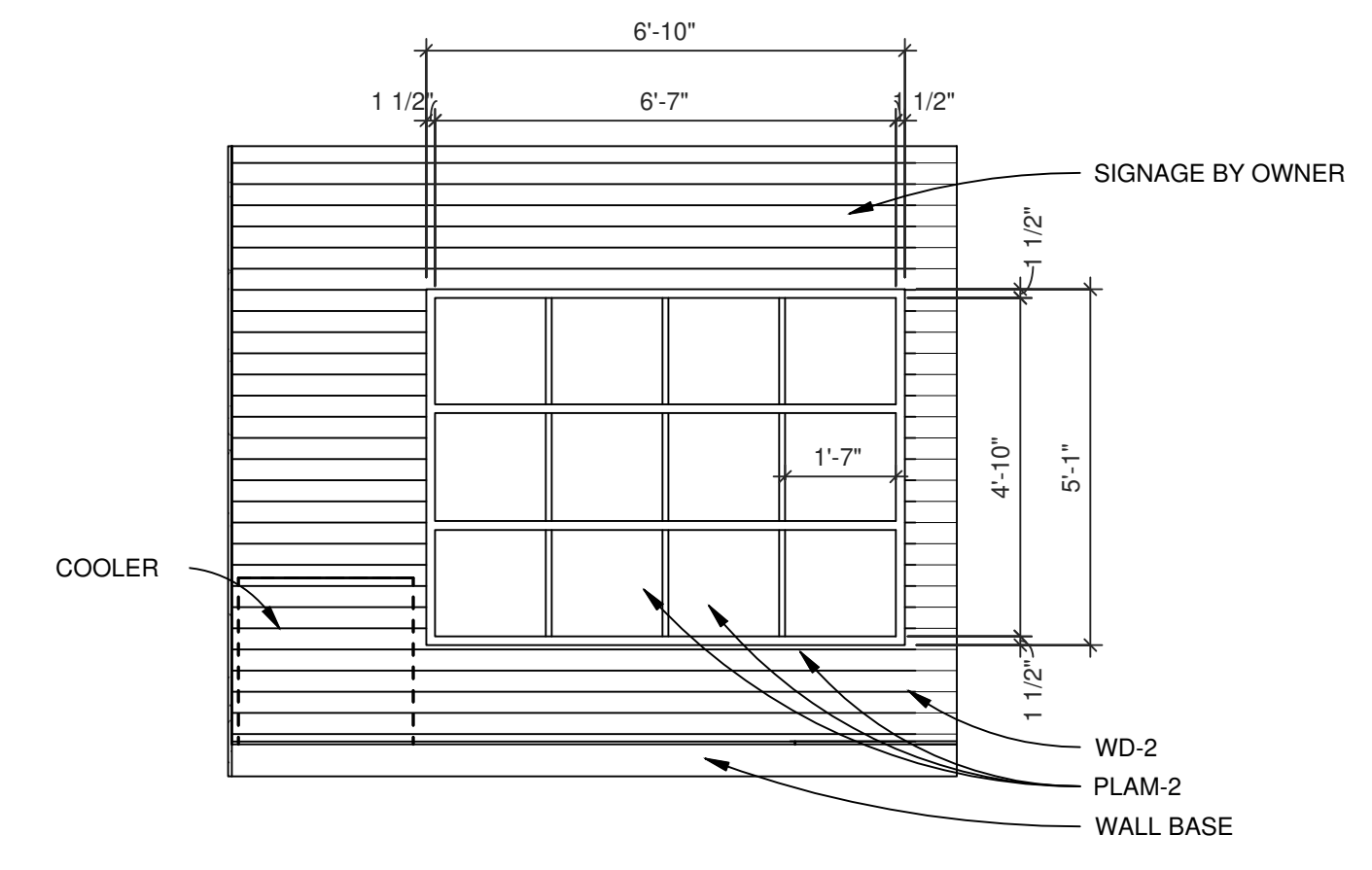


**1** DINING ELEVATION  
3/8" = 1'-0" 1 - A100

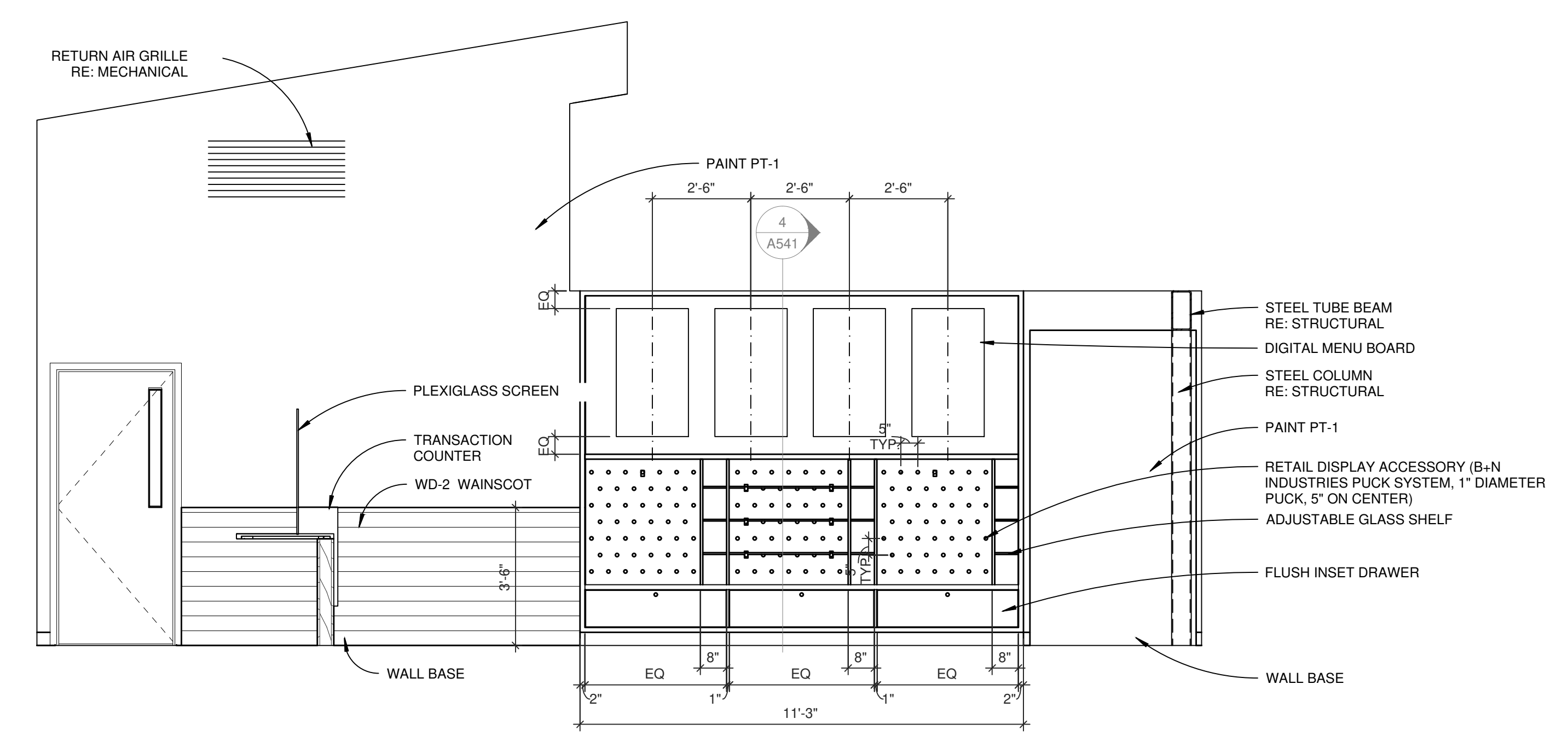
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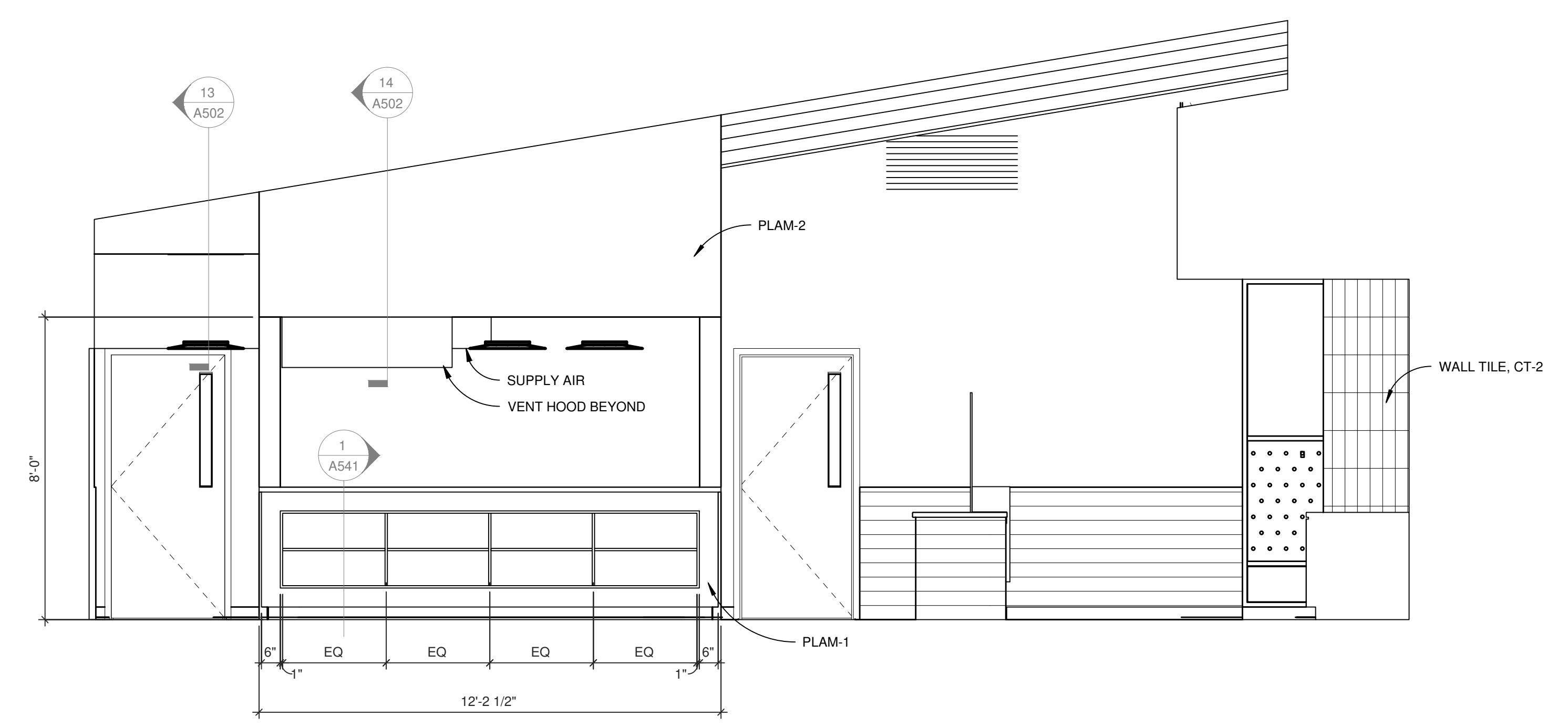
**6** WALL CAP DETAIL  
3" = 1'-0" 2 - A106



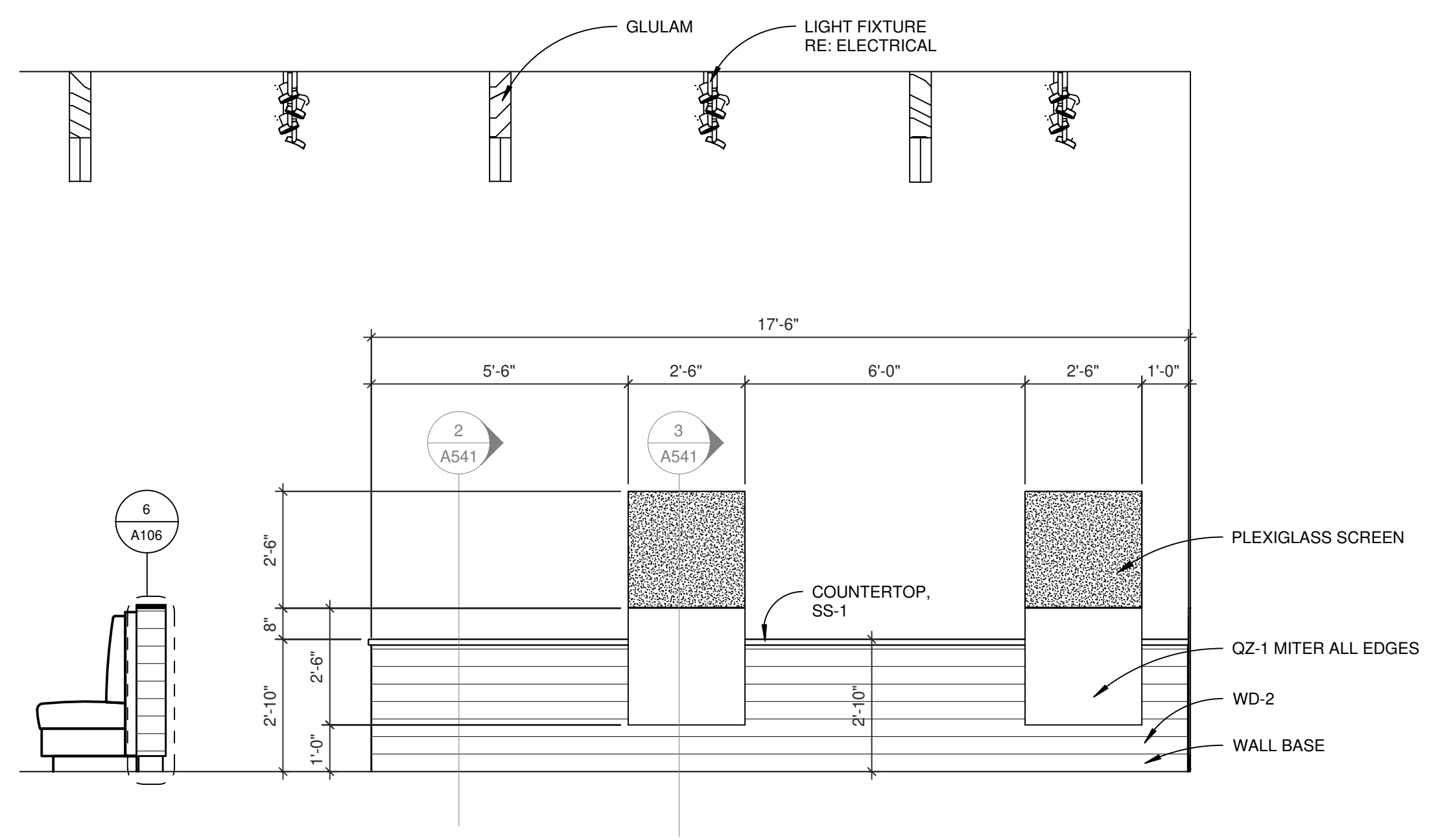
**5** TO GO ELEVATION  
3/8" = 1'-0" 1 - A100



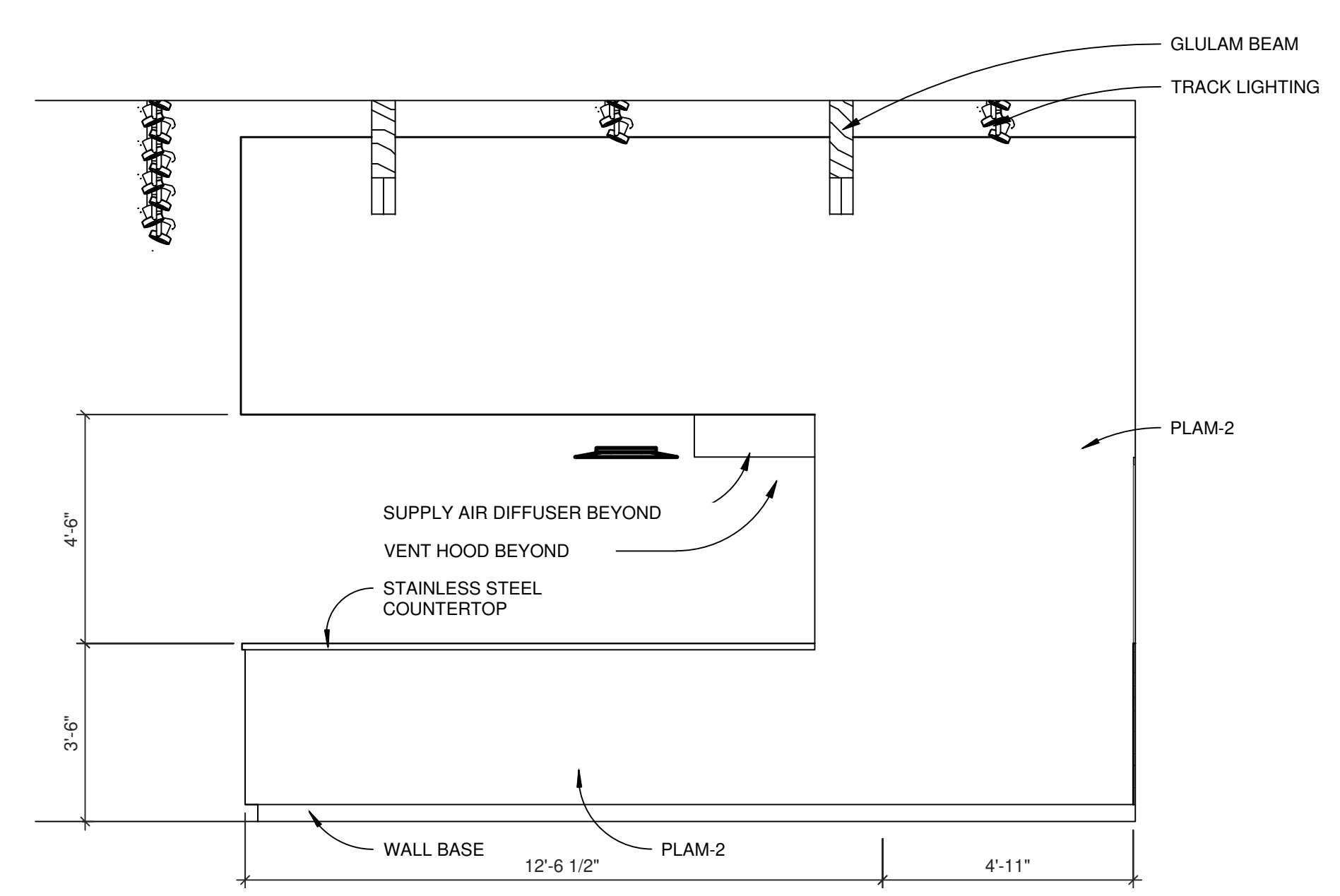
**4** RETAIL ELEVATION  
3/8" = 1'-0" 1 - A100



**3** PIT BOSS ELEVATION  
3/8" = 1'-0" 1 - A100



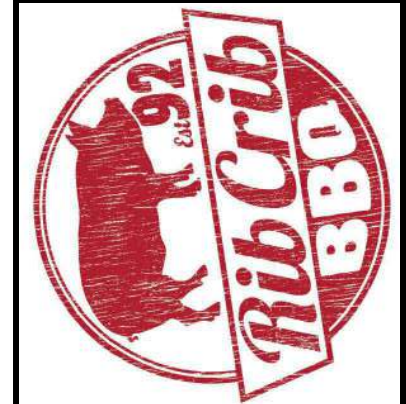
**2** P.O.S. COUNTER  
3/8" = 1'-0" 1 - A100



**1** PIT BOSS ELEVATION  
3/8" = 1'-0" 1 - A100

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: INTERIOR ELEVATIONS



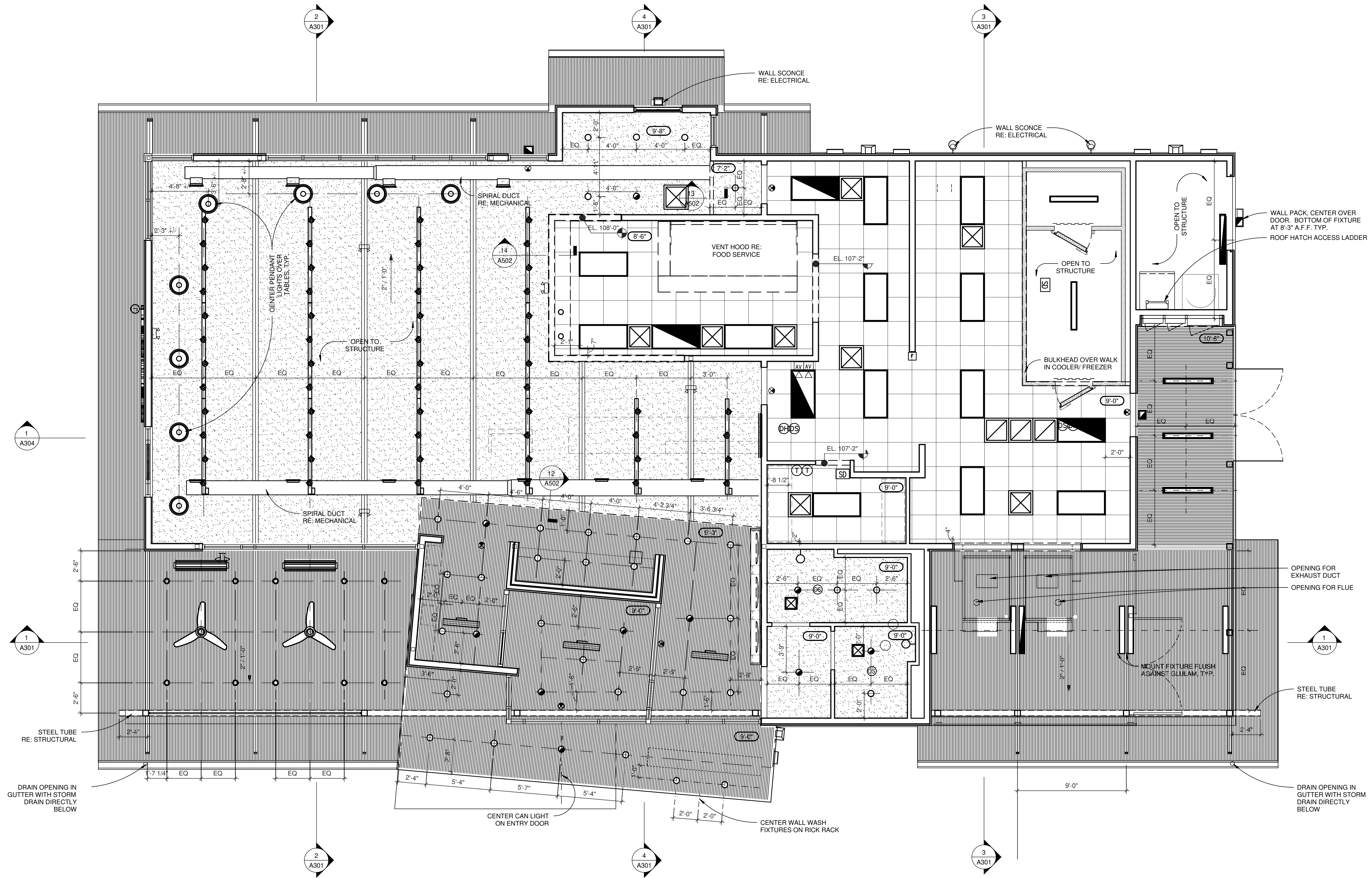
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**A106**





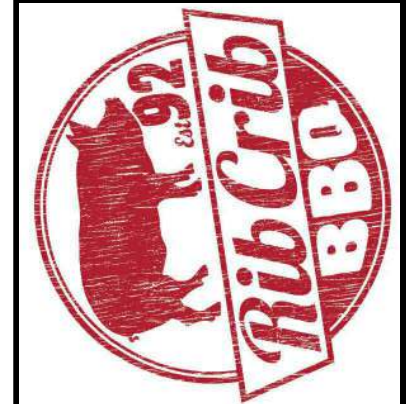
**1 REFLECTED CEILING PLAN**  
A121 SCALE: 1/4" = 1'-0"



| REFLECTED CEILING PLAN LEGEND |  |
|-------------------------------|--|
|                               | GYPSUM BOARD CEILING                               |
|                               | CEILING HEIGHT                                     |
|                               | DECORATIVE PENDANT LIGHT                           |
|                               | EXTERIOR PSURFACE MOUNT CAN LIGHT                  |
|                               | RECESSED CAN LIGHT                                 |
|                               | 2' X 4' LIGHT FIXTURE                              |
|                               | WALL SCONCE  |
|                               | STEEL JOIST/BEAM                                   |
|                               | GALVANIZED CORRUGATED METAL PANEL CEILING / SOFFIT |
|                               | SUSPENDED CEILING                                  |
|                               | TRACK LIGHT  |
|                               | EXIT LIGHT   |
|                               | CEILING FAN  |
|                               | EXTERIOR HEATER                                    |
|                               | 1' X 4' LIGHT FIXTURE                              |
|                               | OCCUPANCY SENSOR                                   |

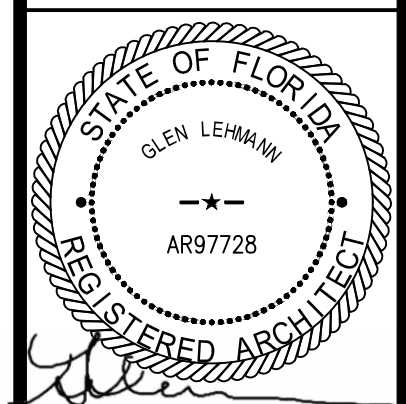
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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: REFLECTED CEILING PLAN

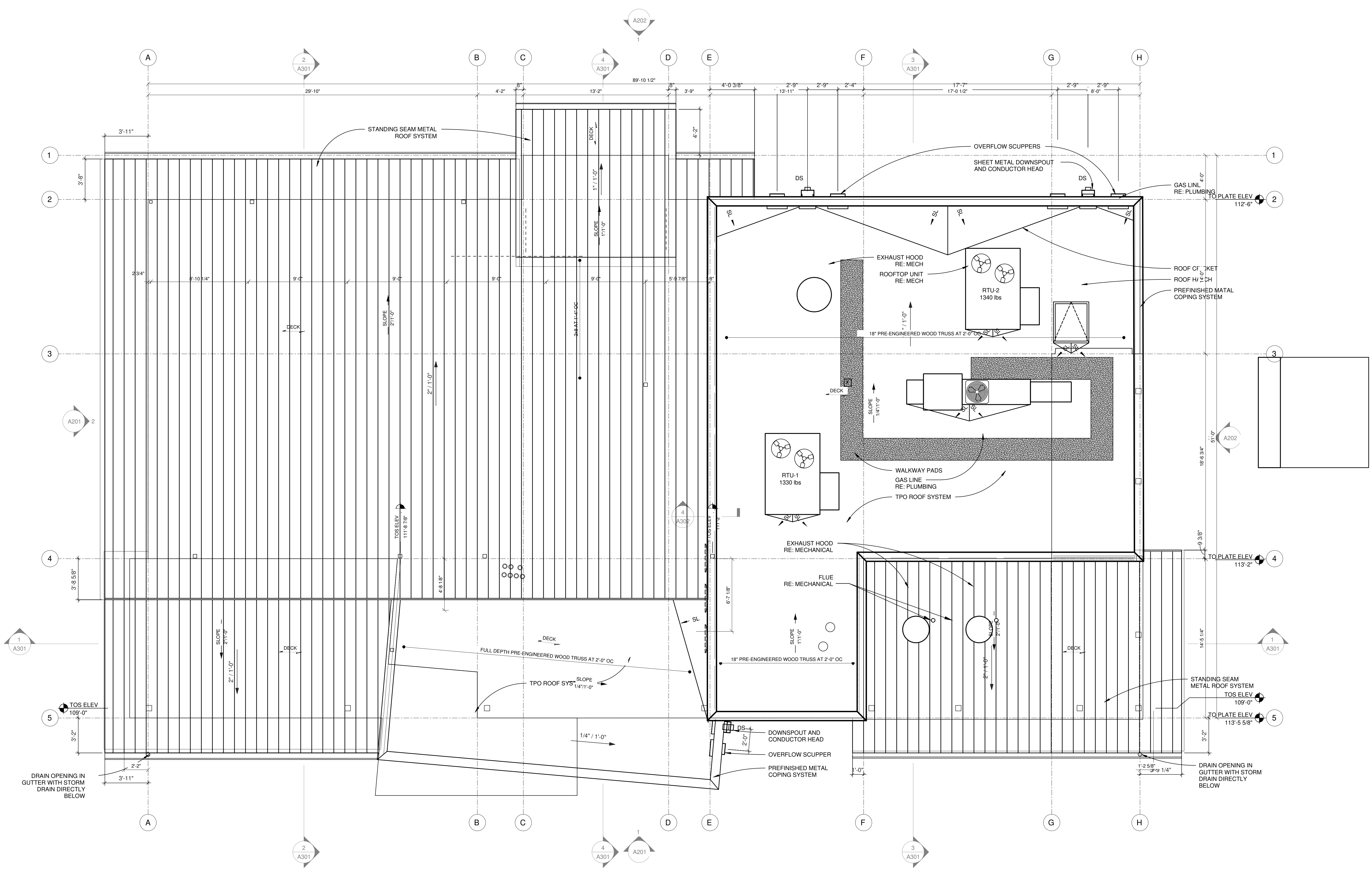


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Sheet No.  
**A121**



8/12/22

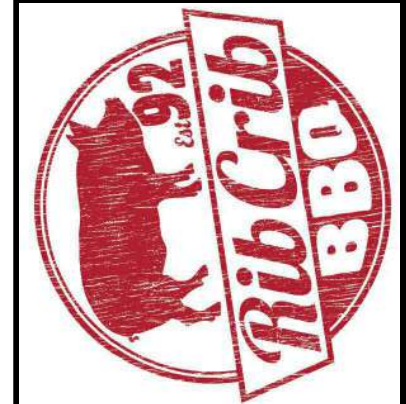


**1 ROOF PLAN**  
SCALE: 1/4" = 1'-0"



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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: ROOF PLAN

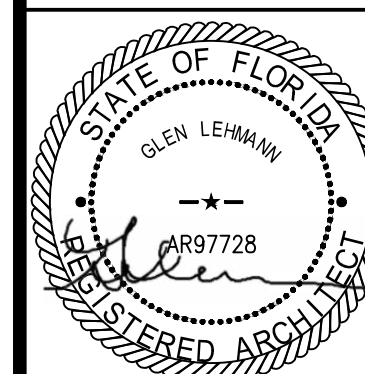


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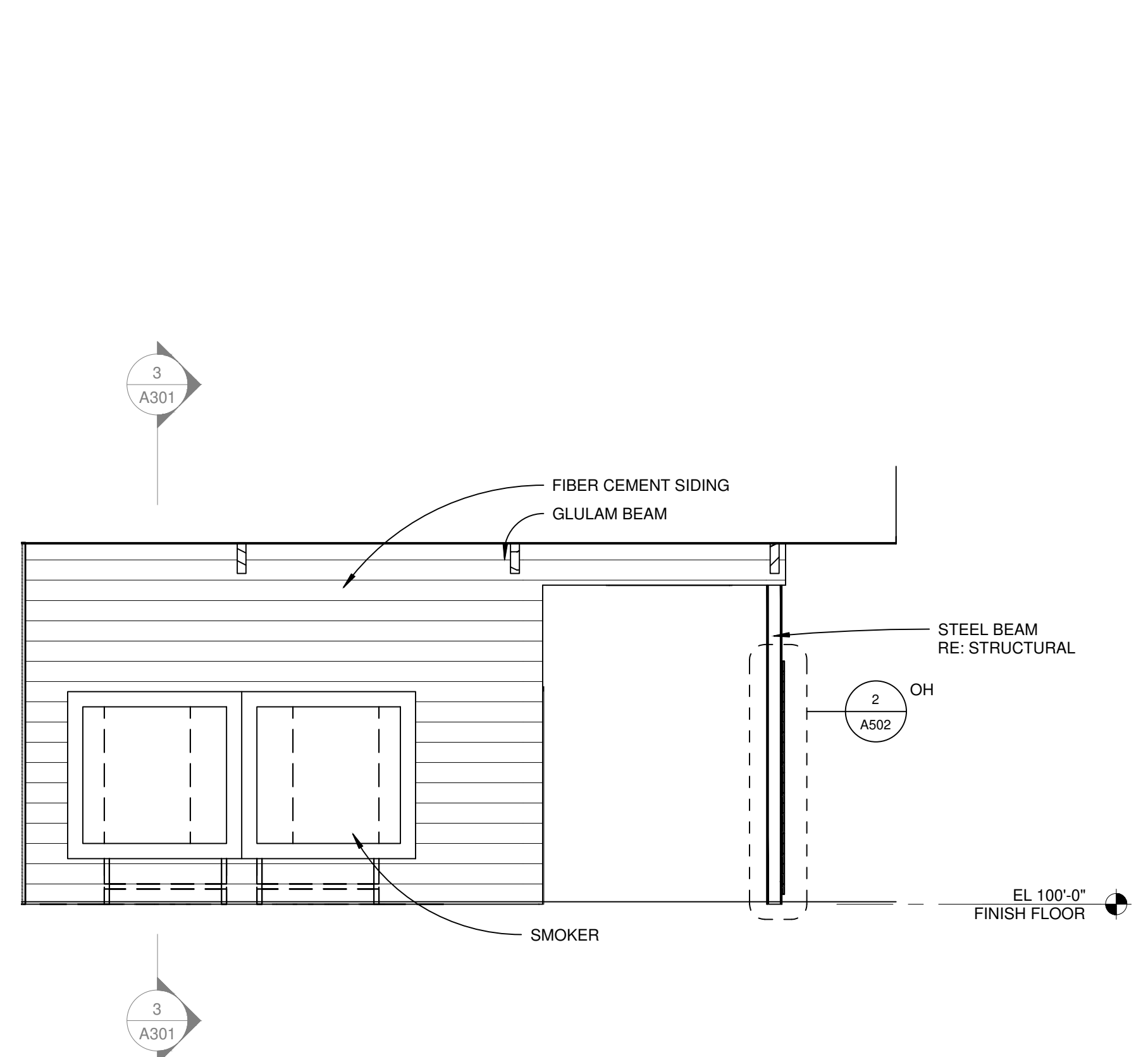
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08/12/2022  
Drawn By  
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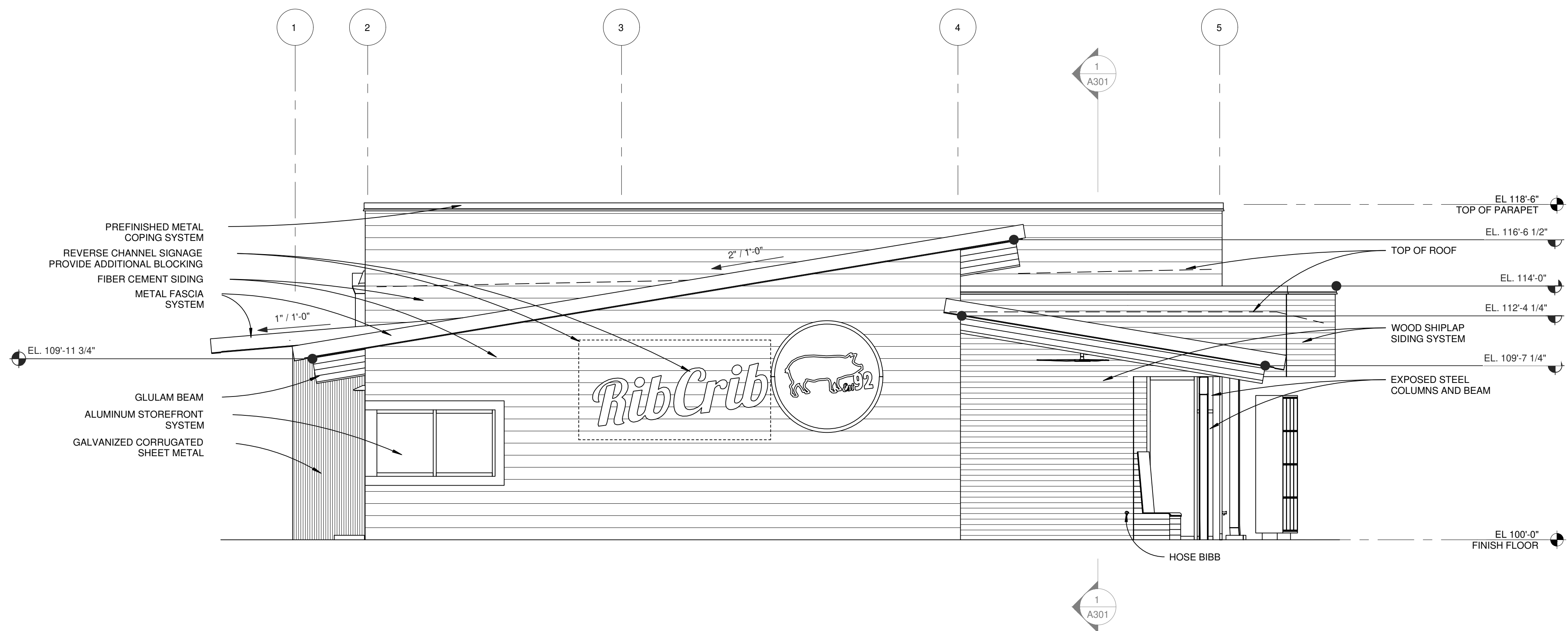
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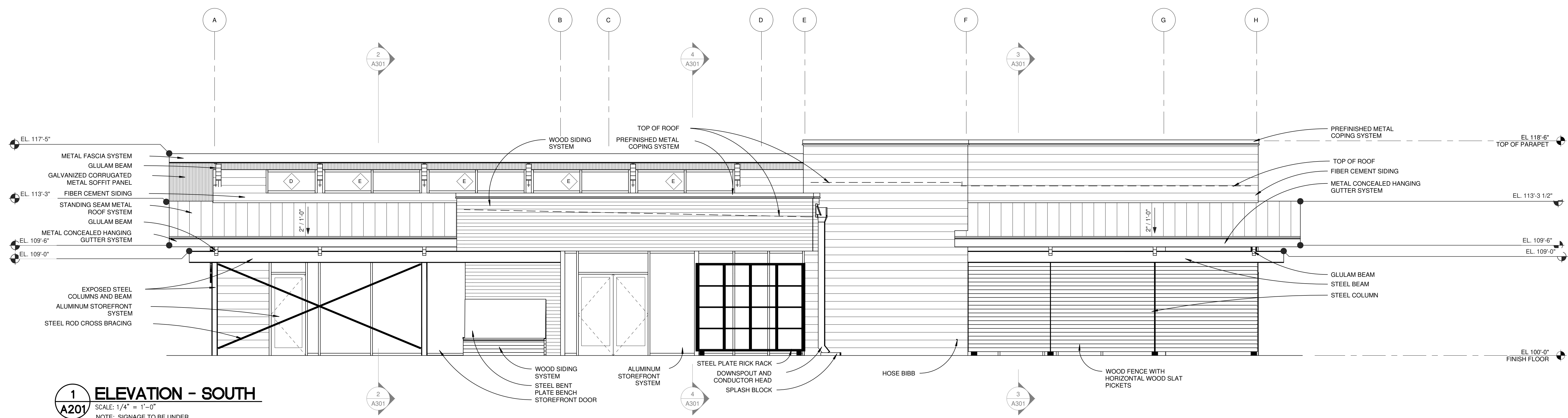
8/12/22



**3 SMOKER ENCLOSURE - SOUTH ELEVATION**  
A201 SCALE: 1/4" = 1'-0"



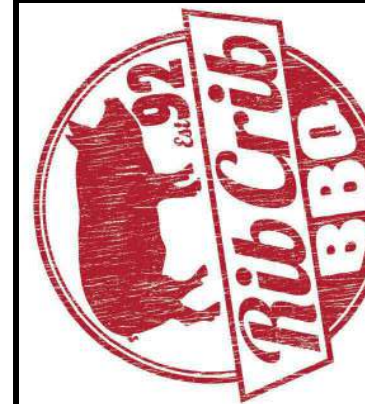
**2 ELEVATION - WEST**  
A201 SCALE: 1/4" = 1'-0"  
NOTE: SIGNAGE TO BE UNDER SEPARATE PERMIT



**1 ELEVATION - SOUTH**  
A201 SCALE: 1/4" = 1'-0"  
NOTE: SIGNAGE TO BE UNDER SEPARATE PERMIT

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: EXTERIOR ELEVATIONS

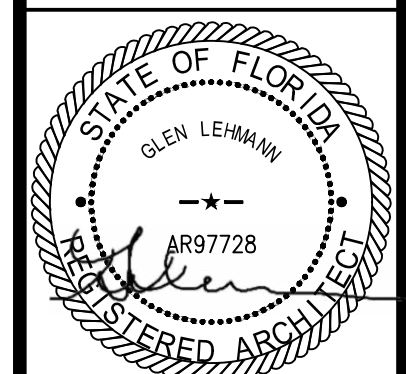


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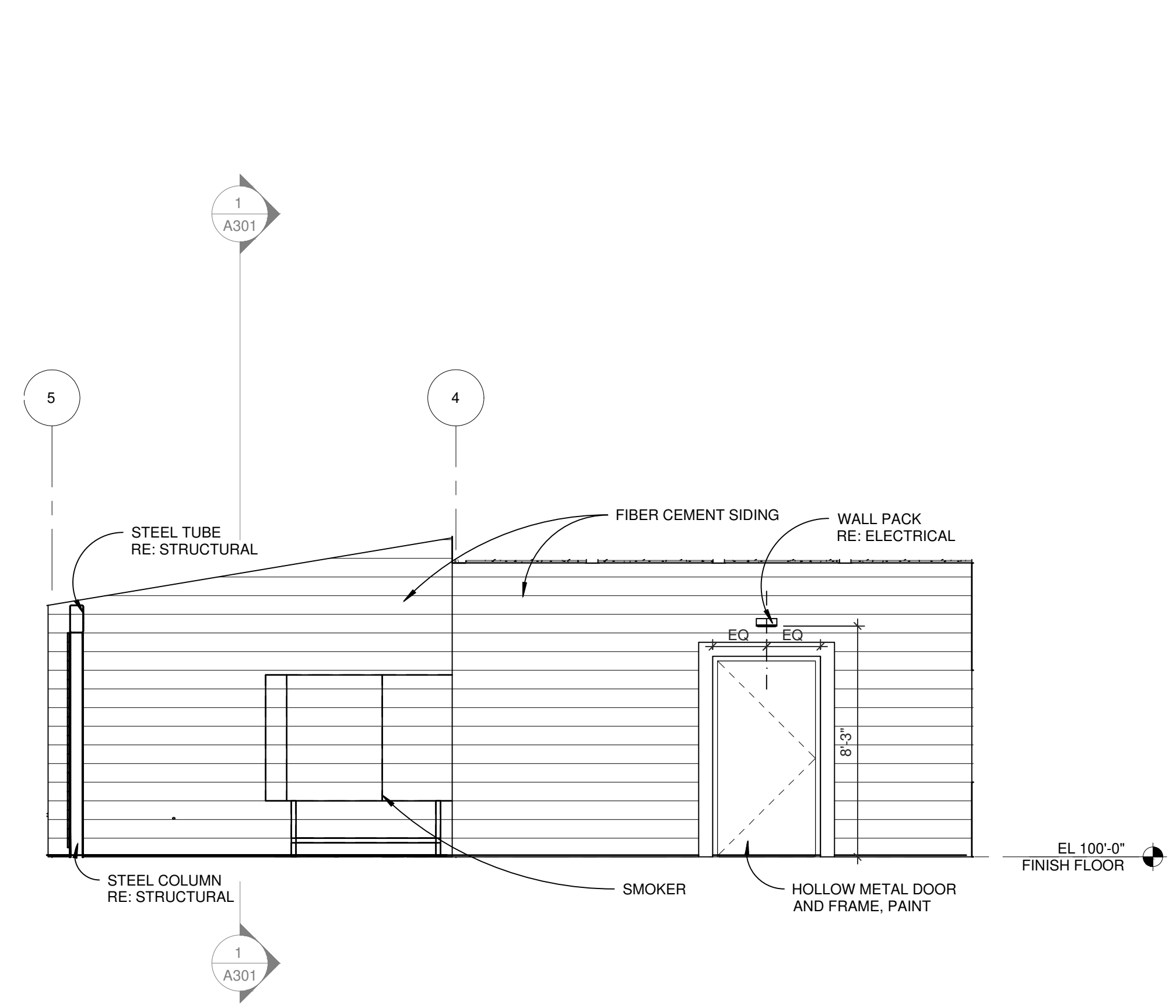
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08/12/2022  
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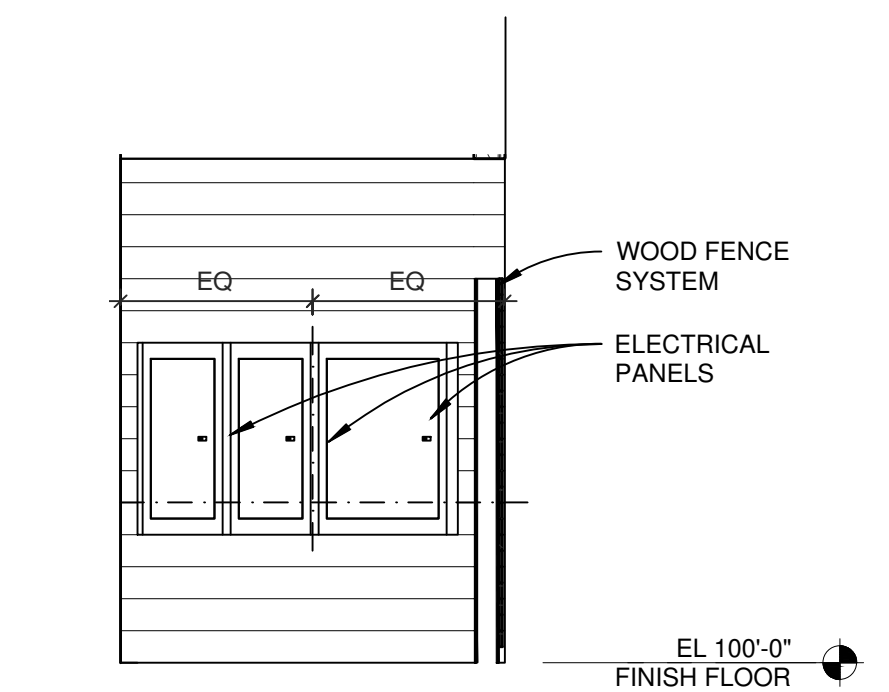
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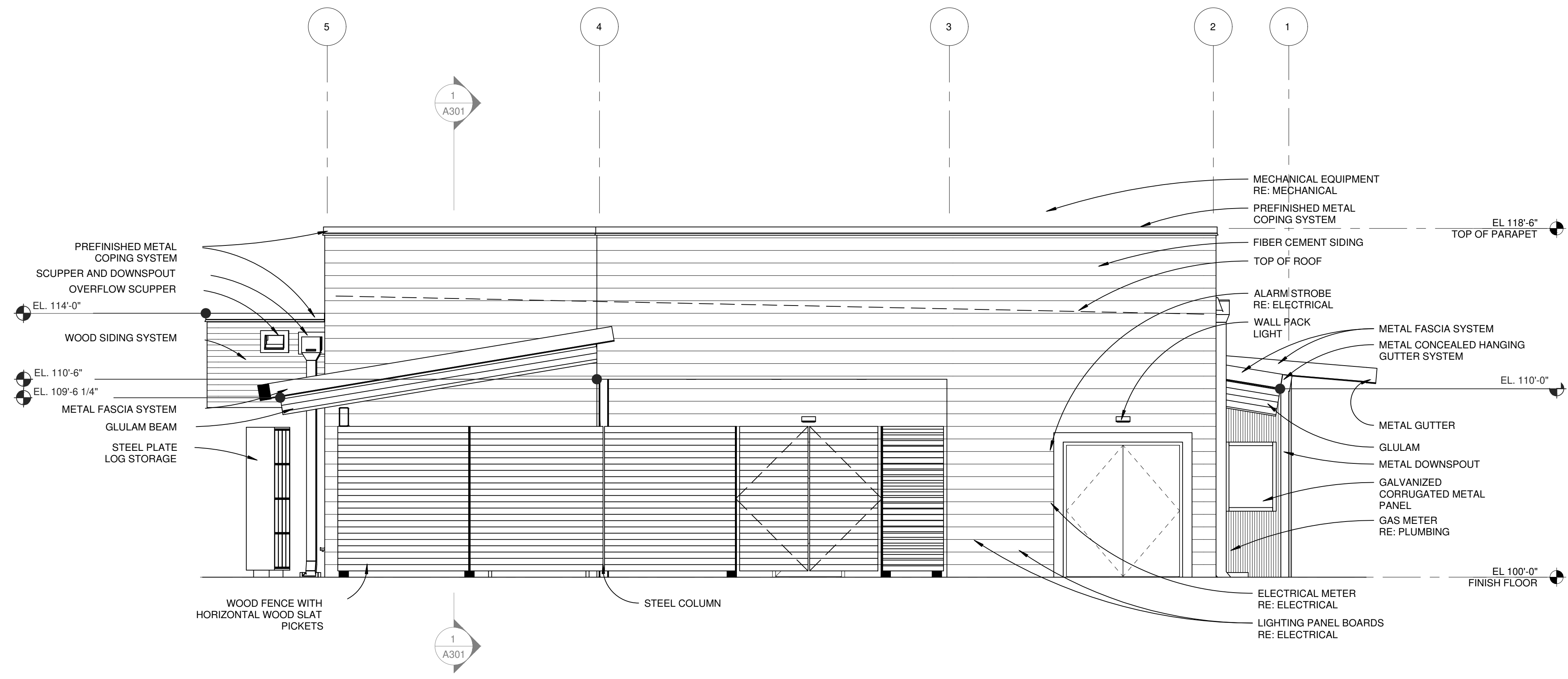
8/12/22



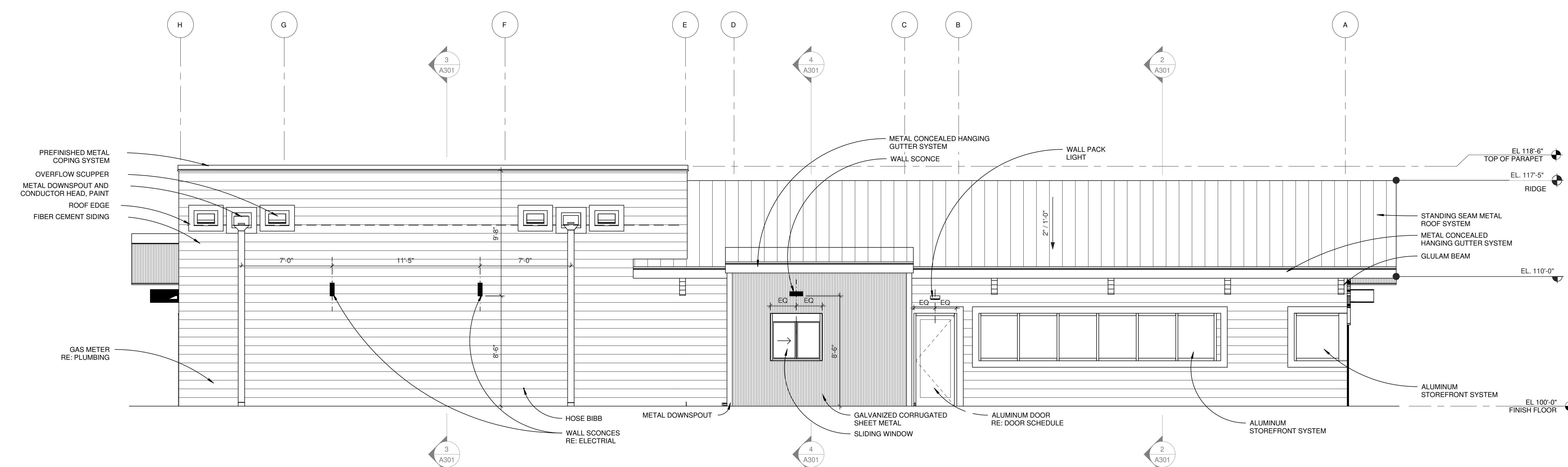
**4**  
**A202** **SMOKER ENCLOSURE - EAST ELEVATION**  
SCALE: 1/4" = 1'-0"



**3**  
**A202** **SMOKER ENCLOSURE - NORTH ELEVATION**  
SCALE: 1/4" = 1'-0"



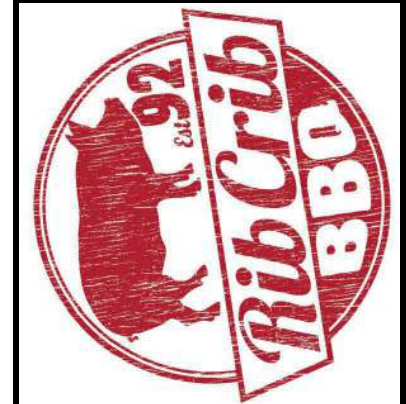
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**A202** **ELEVATION - EAST**  
SCALE: 1/4" = 1'-0"  
NOTE: SIGNAGE TO BE UNDER SEPARATE PERMIT



**1**  
**A202** **ELEVATION - NORTH**  
SCALE: 1/4" = 1'-0"  
NOTE: SIGNAGE TO BE UNDER SEPARATE PERMIT

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: EXTERIOR ELEVATIONS

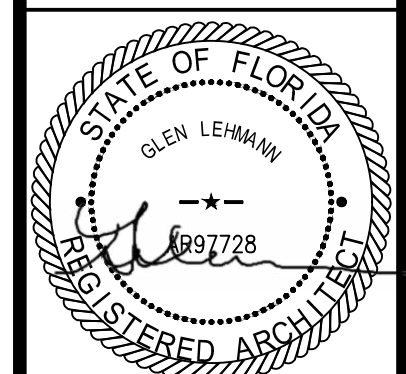


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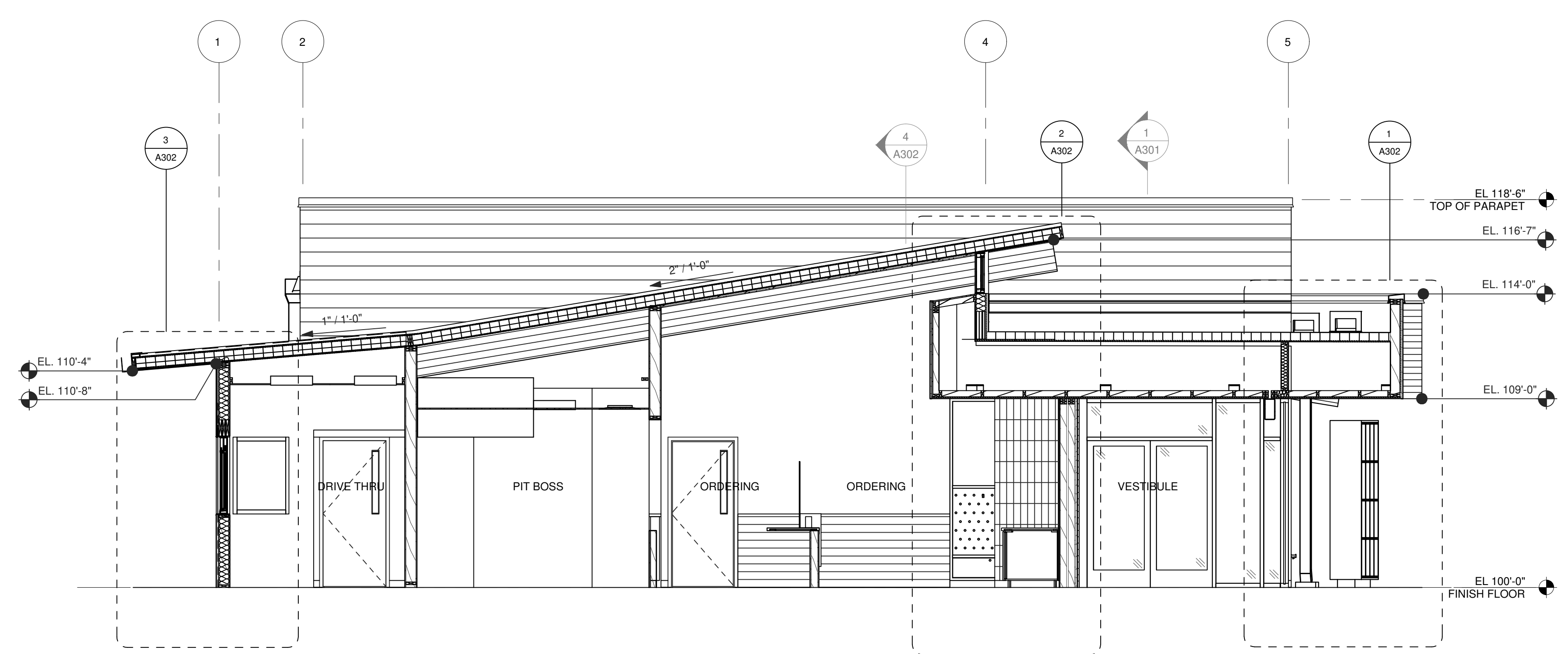
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Checked By  
**NRD**

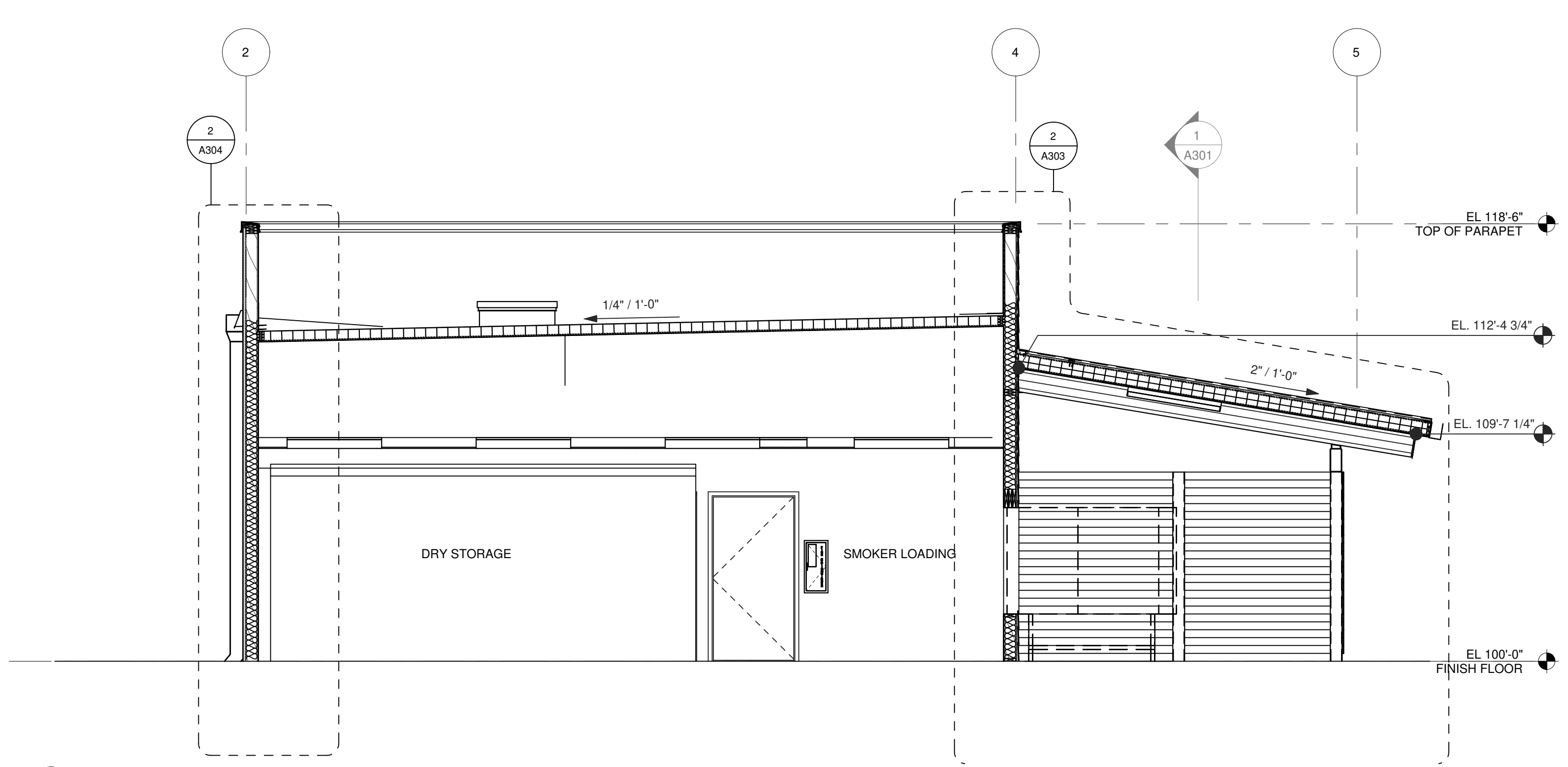
Sheet No.  
**A202**



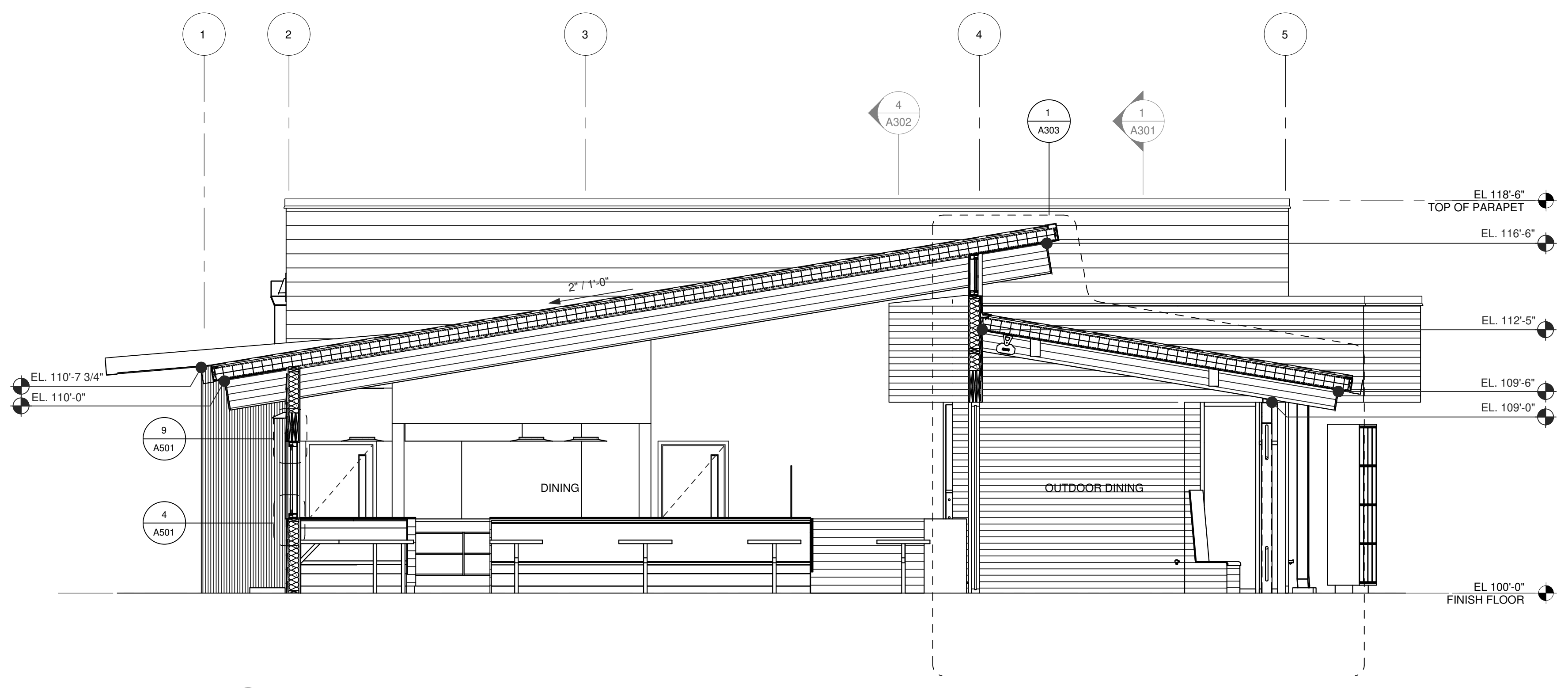
8/12/22



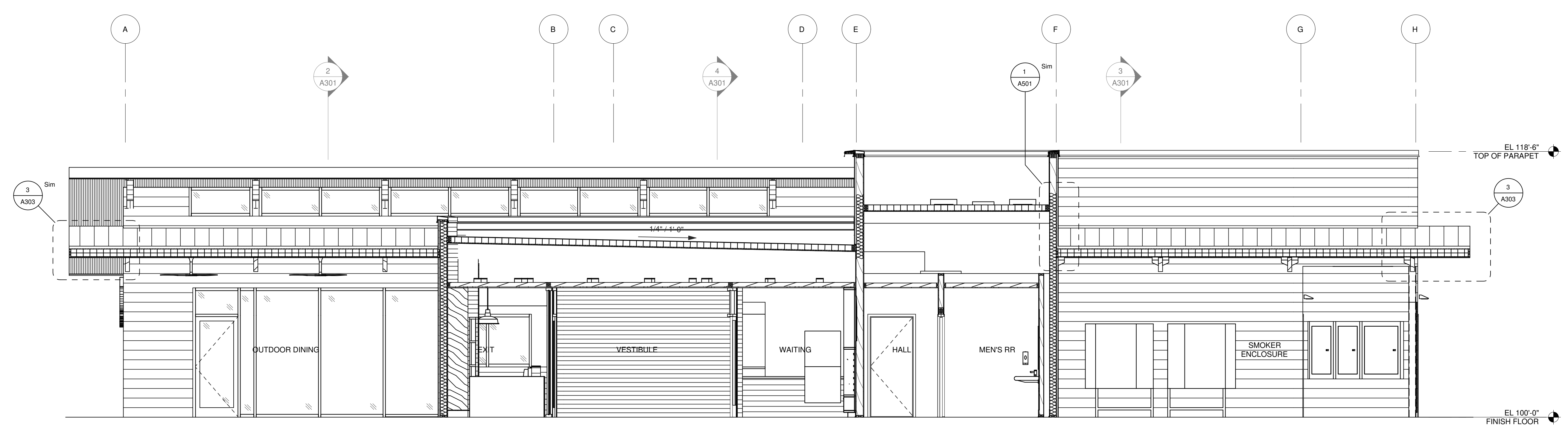
**4** TRANSVERSAL SECTION  
1/4" = 1'-0" 1 - A101



**3** TRANSVERSAL SECTION  
1/4" = 1'-0" 1 - A101



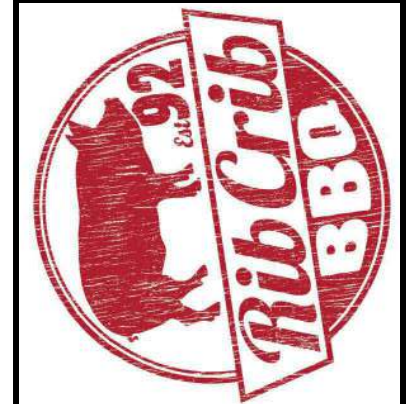
**2** TRANSVERSAL SECTION  
1/4" = 1'-0" 1 - A101



**1** LONGITUDINAL SECTION  
1/4" = 1'-0" 1 - A101

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: BUILDING SECTIONS



Revisions

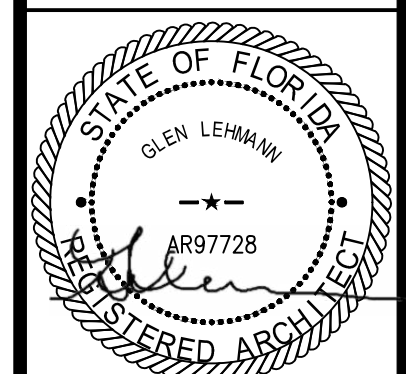
| NO. | DESCRIPTION   | DATE |
|-----|---------------|------|
| 1   | THRU ADDENDUM |      |

PROJECT DATE  
08/12/2022

Drawn By  
**CDK**

Checked By  
**NRD**

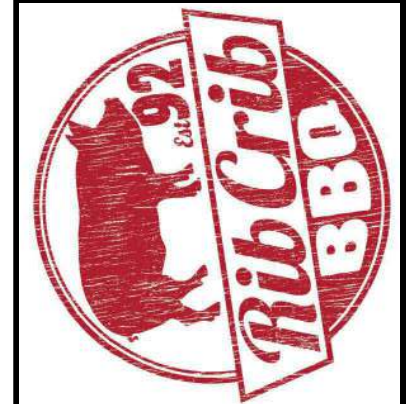
Sheet No.  
**A301**



8/12/22

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: WALL SECTIONS

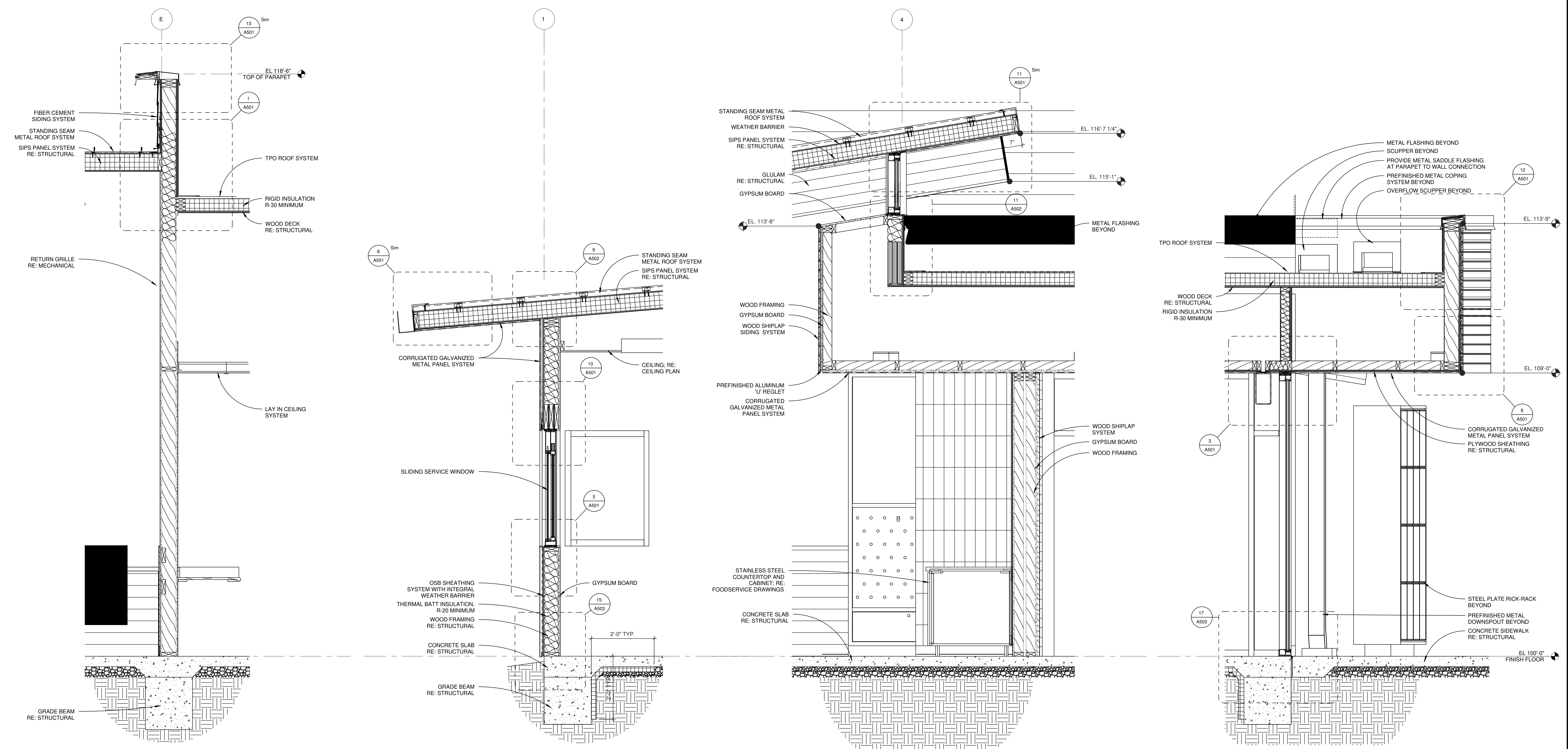


| Revisions     |     |
|---------------|-----|
| THRU ADDENDUM | " " |
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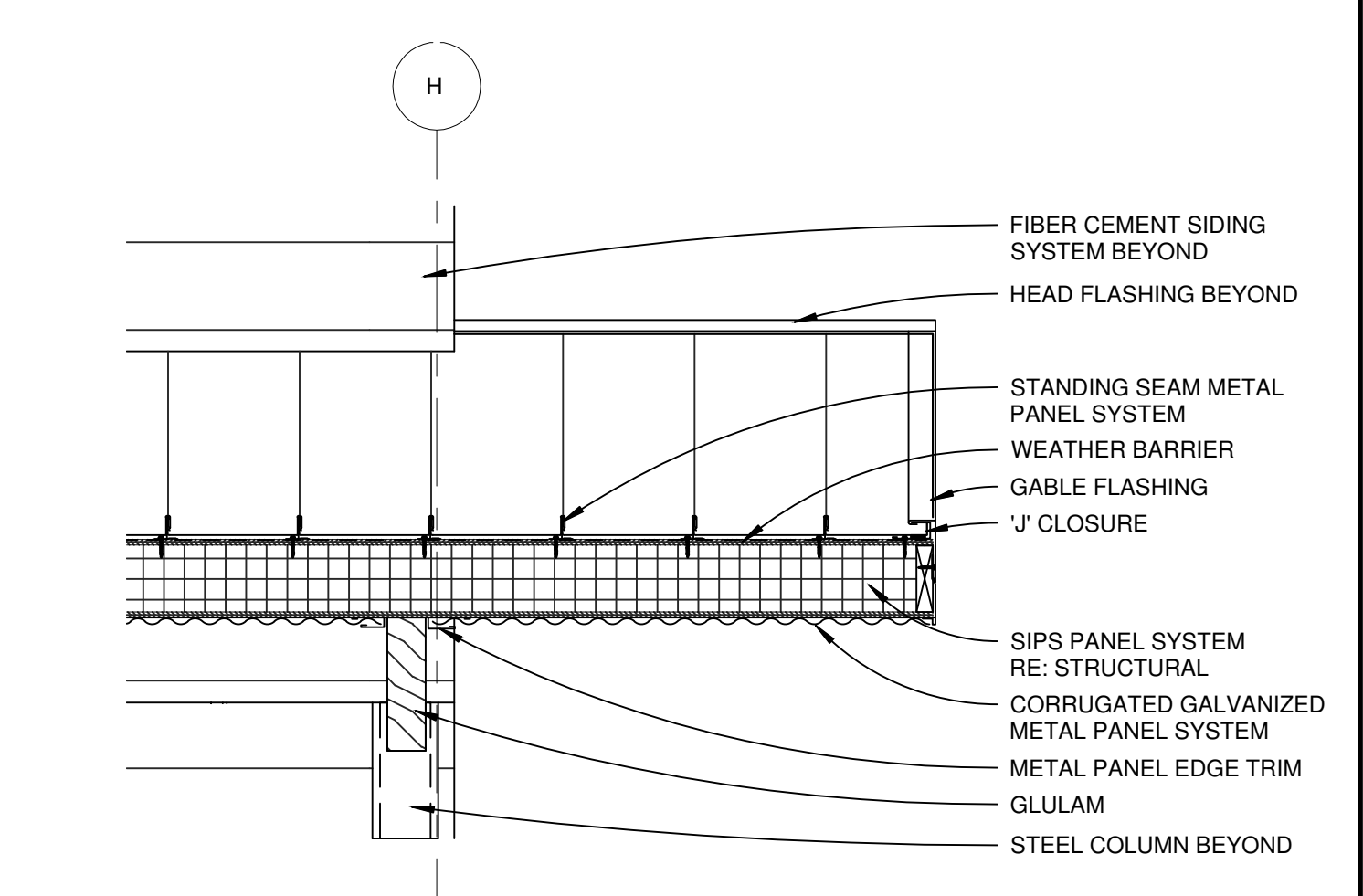
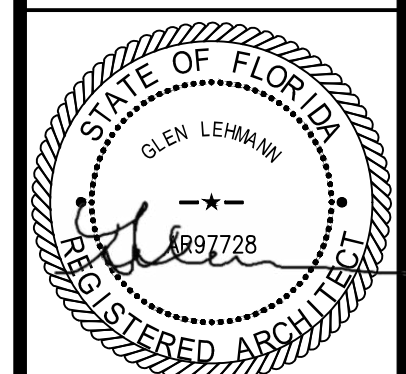
PROJECT DATE  
08/12/2022  
Drawn By  
**CDK**  
Checked By  
**NRD**

Sheet No.  
**A302**

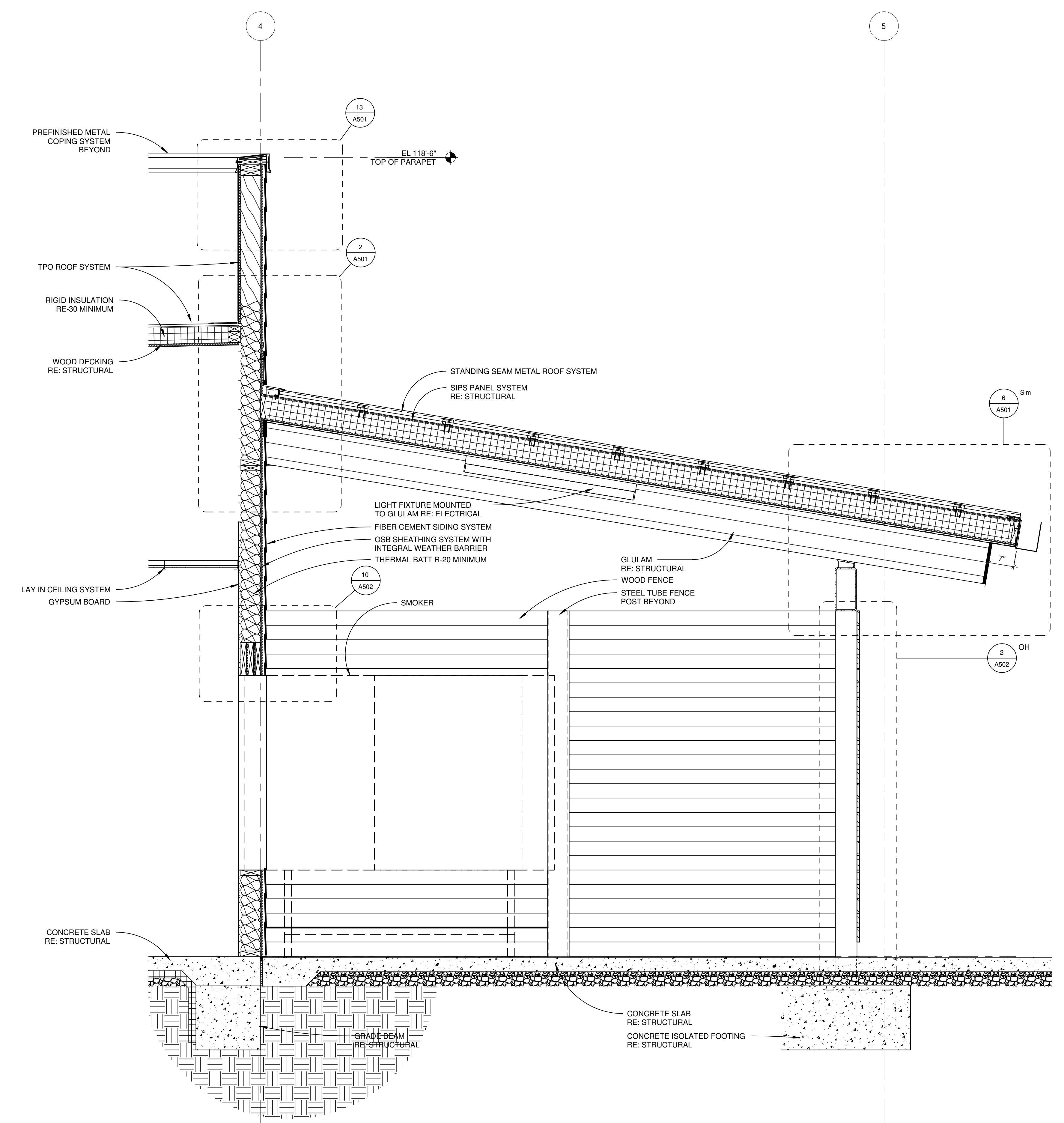
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Plotted by: chudson  
Printed Date: Aug 12, 2022 - 2:26pm



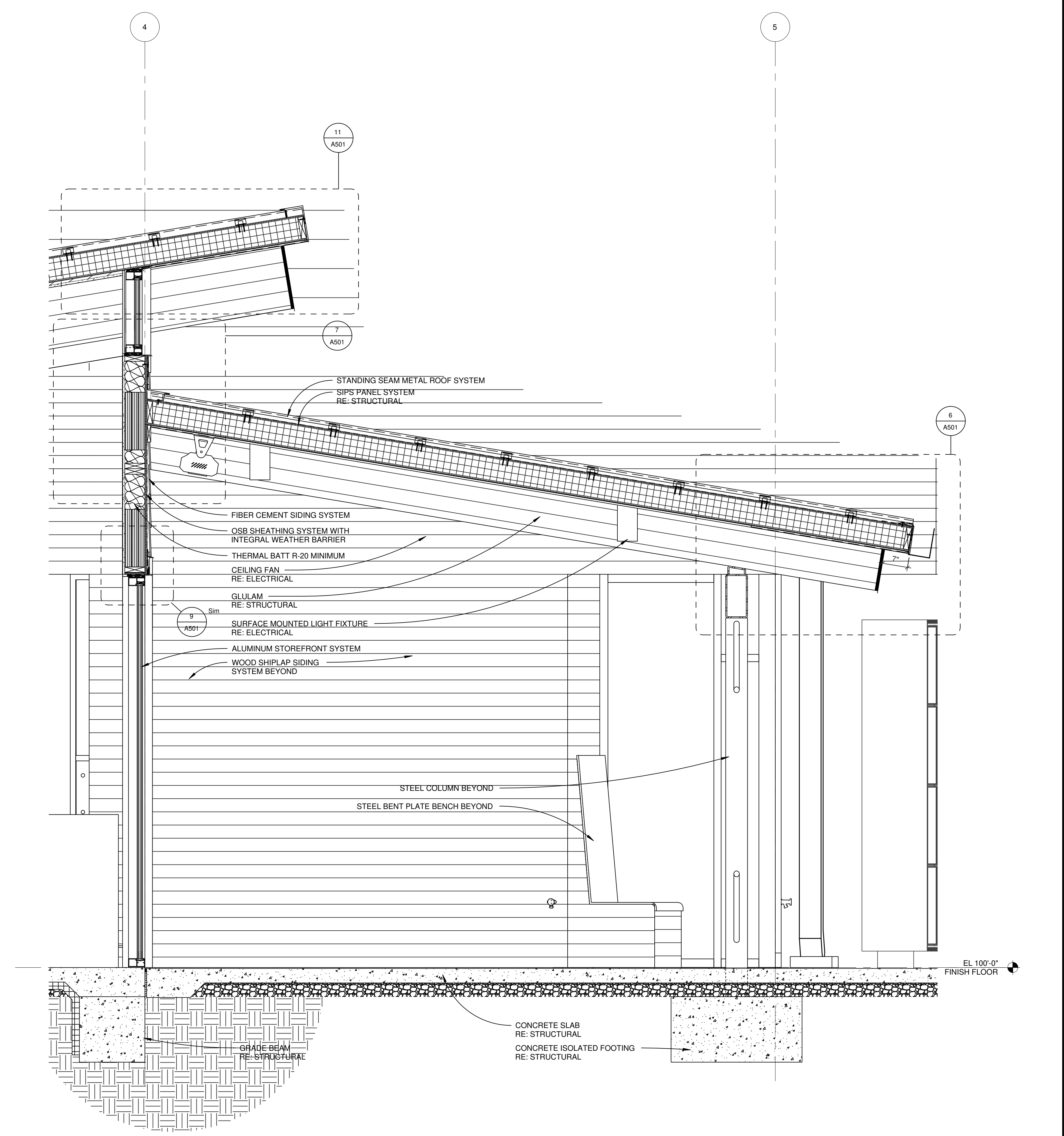
**4** WALL SECTION AT ROOF TRANSITION 3/4" = 1'-0" 1 - A101  
**3** WALL SECTION AT DRIVE THRU 3/4" = 1'-0" 4 - A301  
**2** WALL SECTION AT CLERESTORY 3/4" = 1'-0" 4 - A301  
**1** WALL SECTION AT ENTRY VESTIBULE 3/4" = 1'-0" 4 - A301



**3** RAKE DETAIL  
3/4" = 1'-0"  
1 - A301



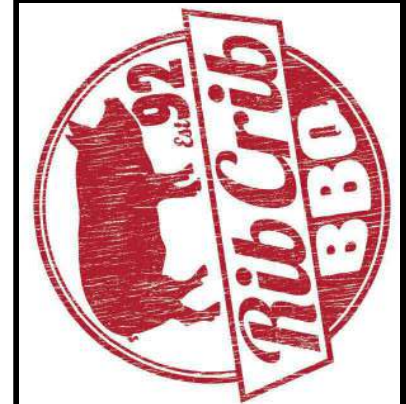
**2** SECTION AT SMOKER ENCLOSURE  
3/4" = 1'-0"  
3 - A301



**1** SECTION AT OUTDOOR DINING  
3/4" = 1'-0"  
2 - A301

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: WALL SECTIONS

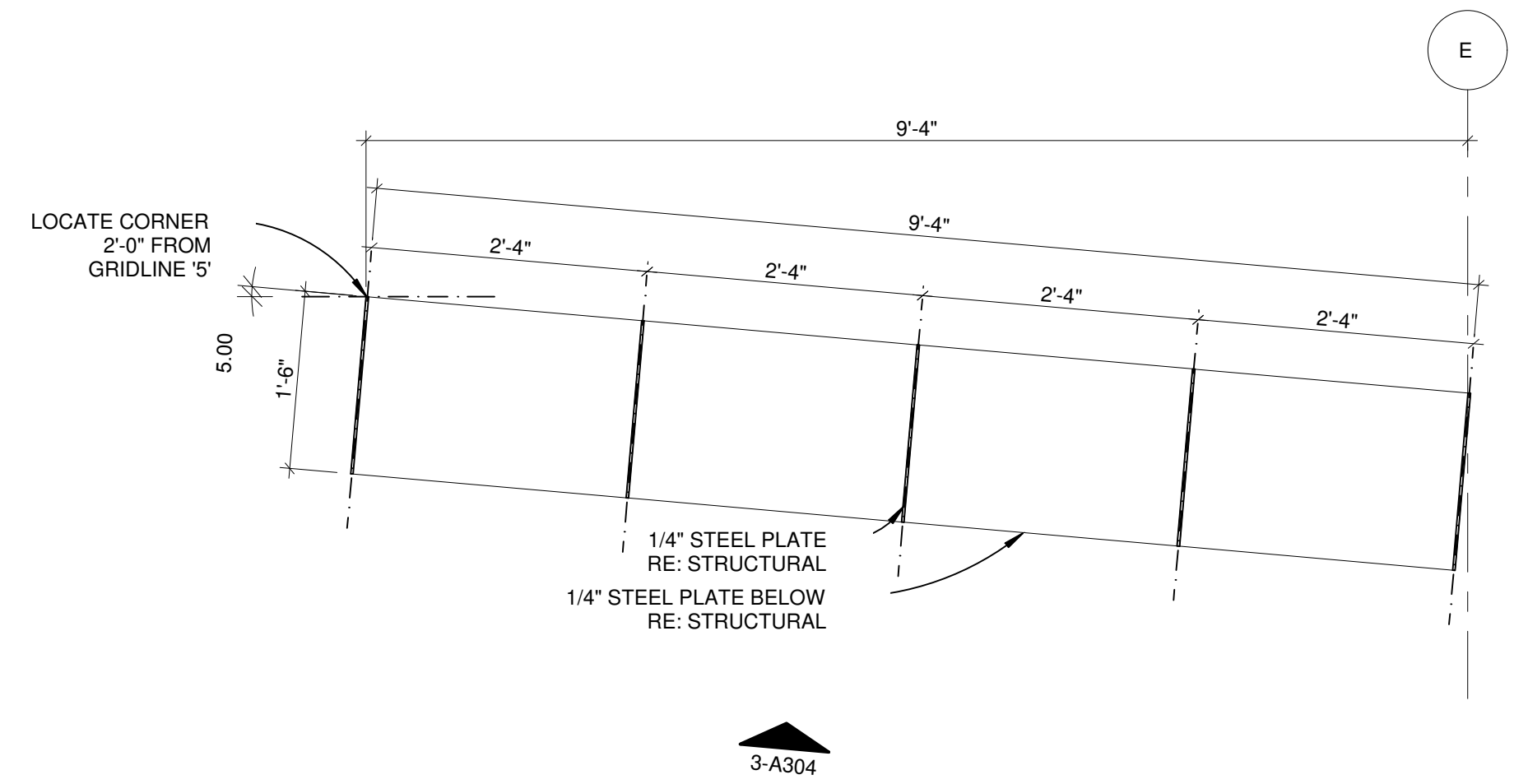
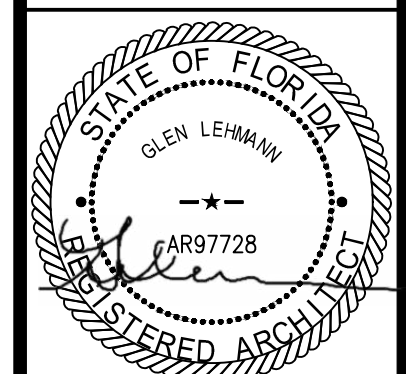


Revisions

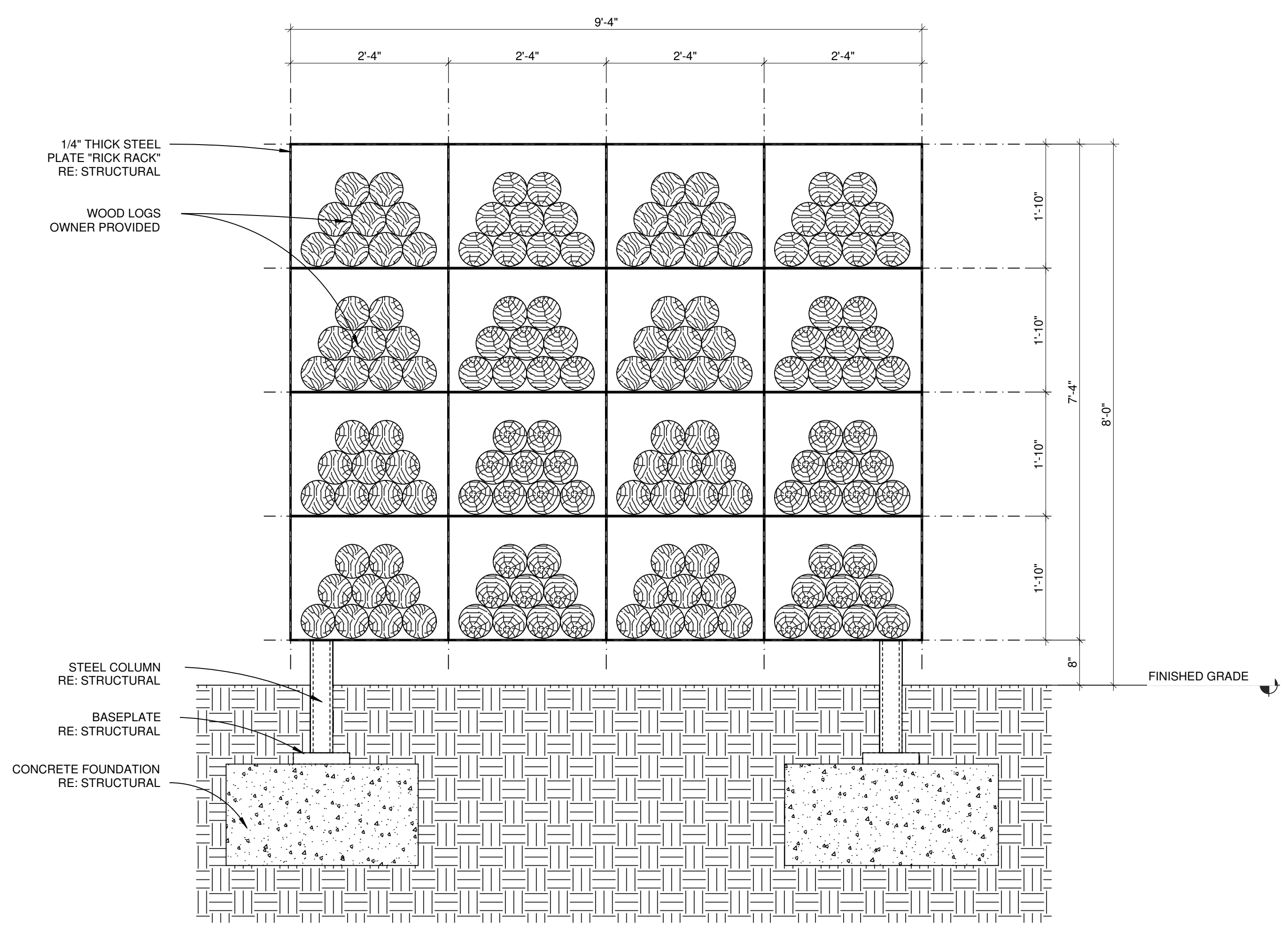
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| 1   | THRU ADDENDUM |      |

PROJECT DATE  
08/12/2022  
Drawn By  
**CDK**  
Checked By  
**NRD**

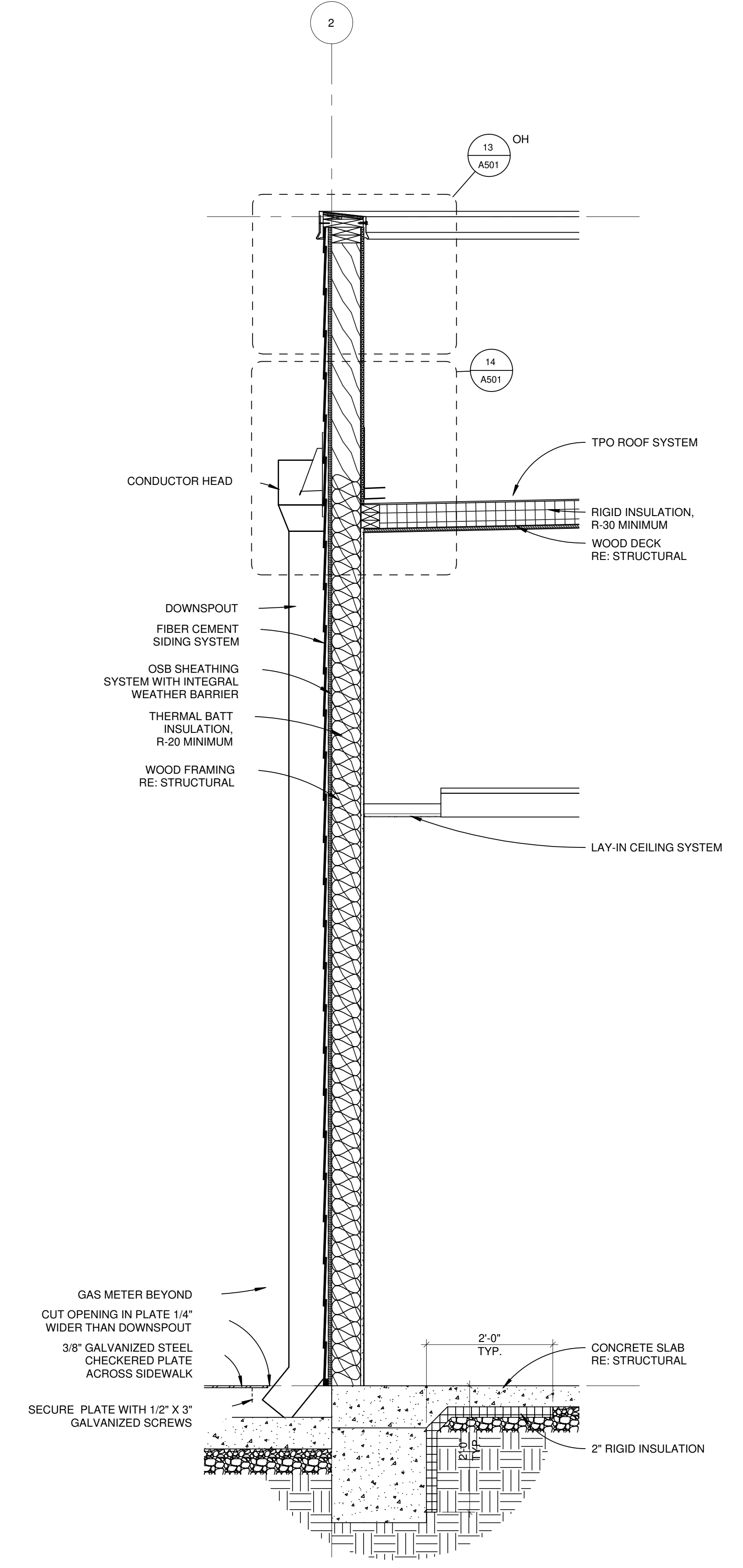
Sheet No.  
**A303**



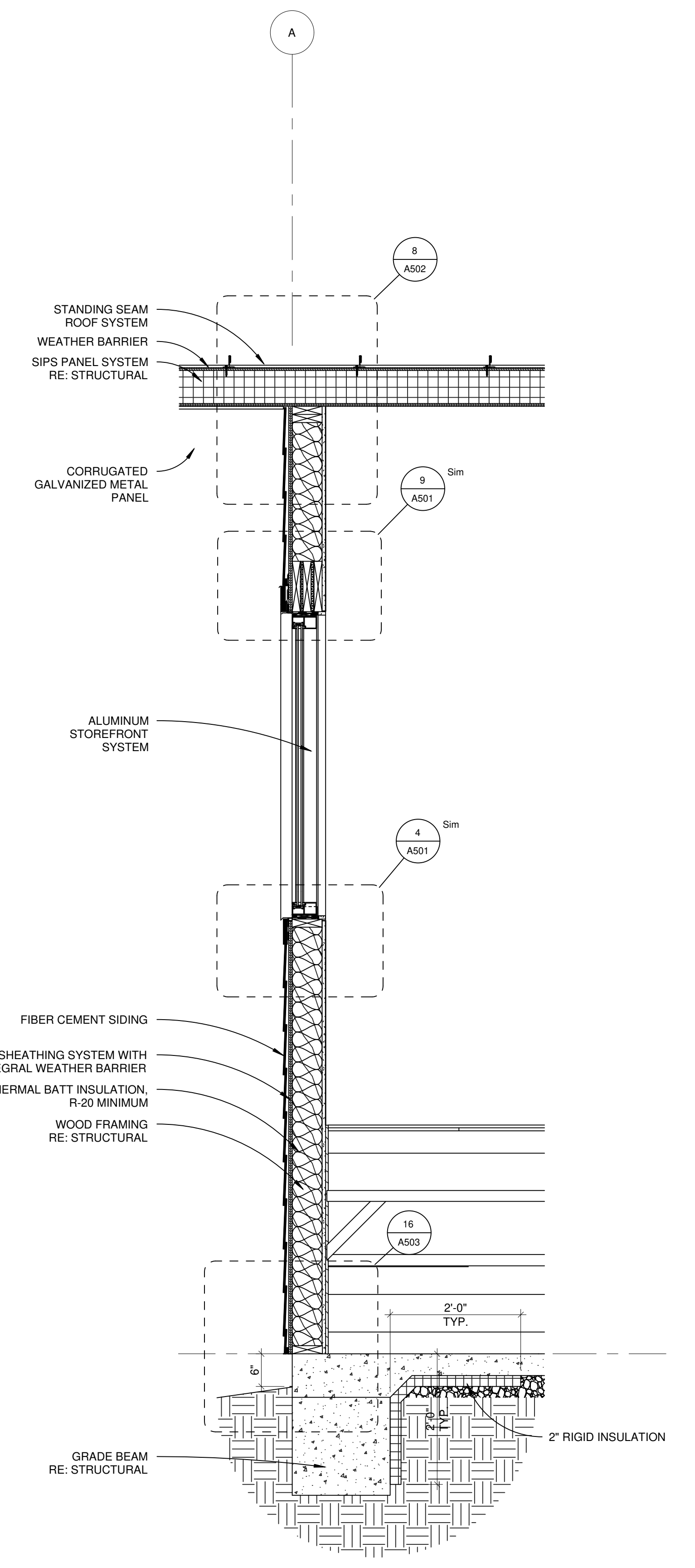
**4** RICK RACK - PLAN  
3/4" = 1'-0"  
1 - A101  
PROJECT NORTH



**3** RICK RACK ELEVATION  
3/4" = 1'-0"  
1 - A100



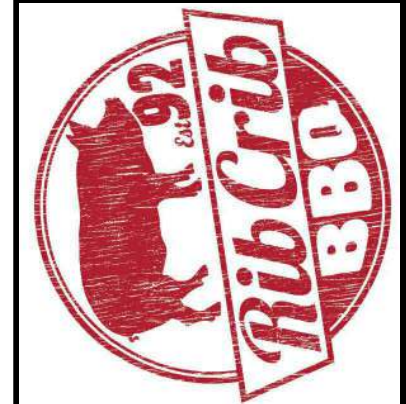
**2** DRY STORAGE SECTION  
3/4" = 1'-0"  
3 - A301



**1** WALL SECTION AT GABLE  
3/4" = 1'-0"  
1 - A101

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: WALL SECTIONS

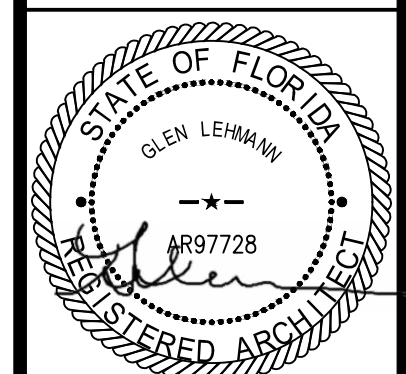


Revisions

| NO. | DESCRIPTION   | DATE |
|-----|---------------|------|
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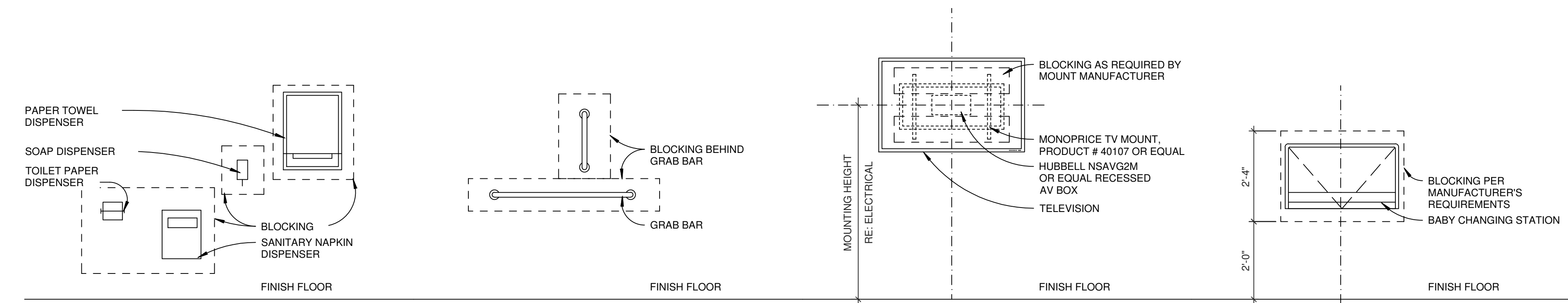
PROJECT DATE  
08/12/2022  
Drawn By  
**CDK**  
Checked By  
**NRD**  
Sheet No.

**A304**

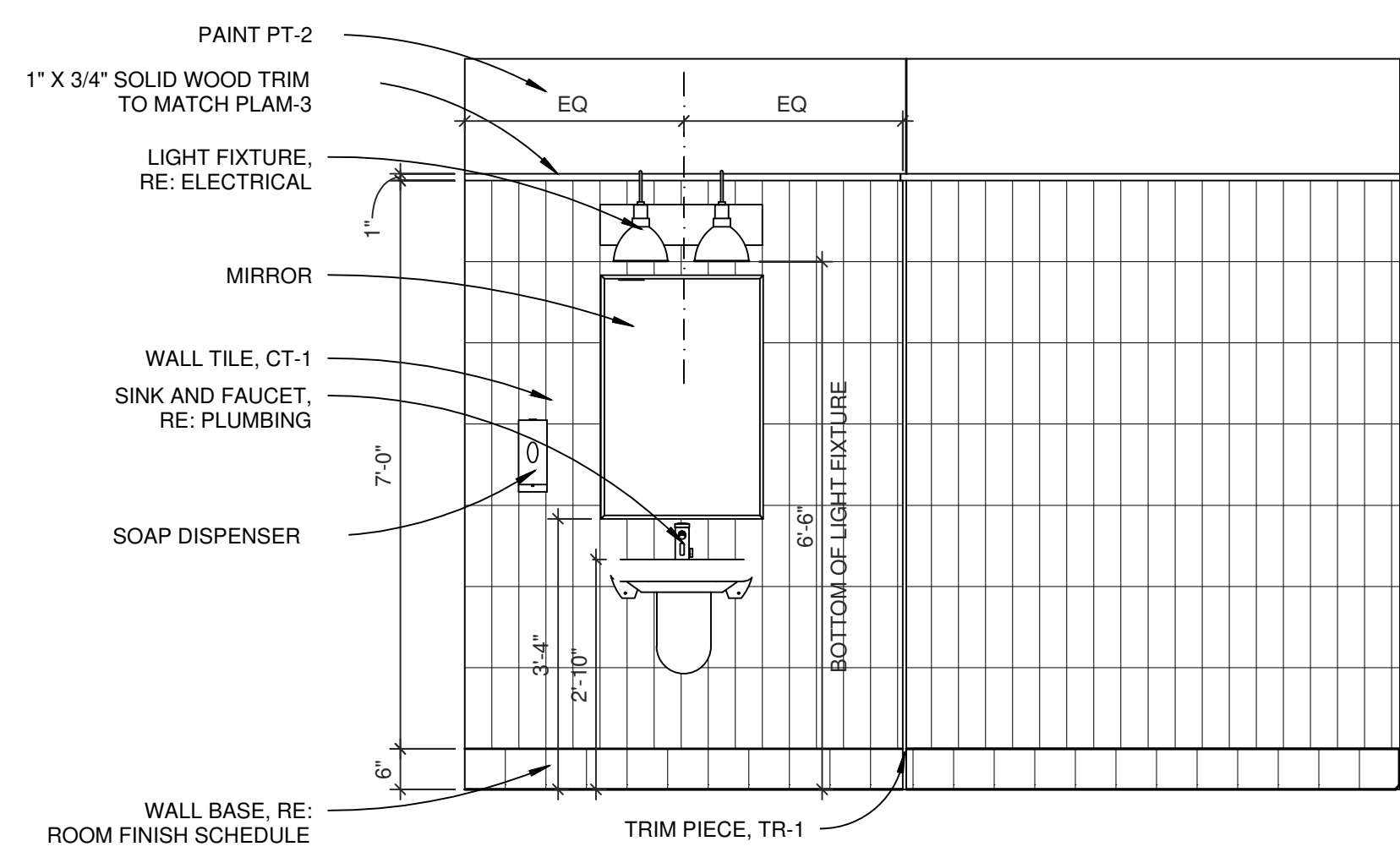


8/12/22

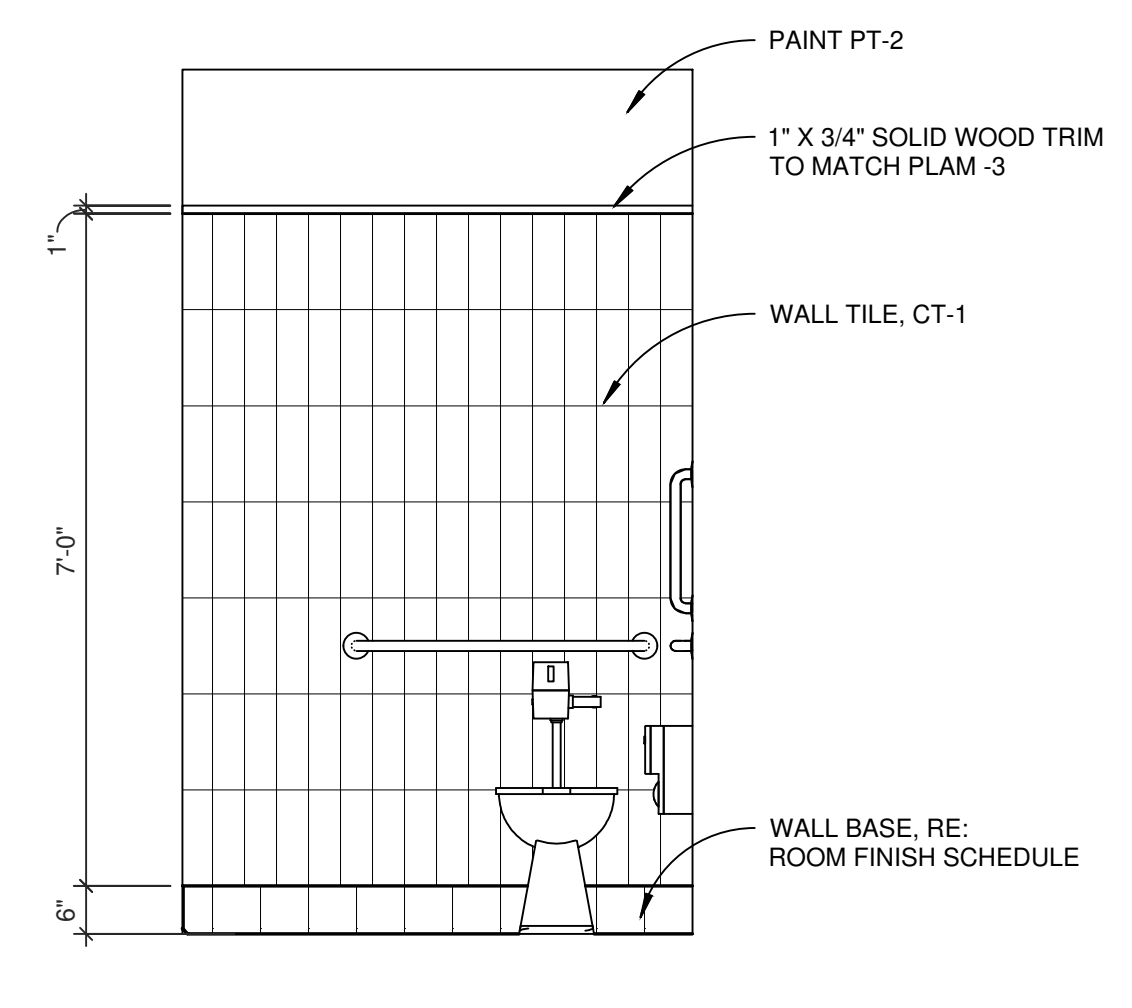
| EQUIPMENT SCHEDULE |   |             |              |
|--------------------|---|-------------|--------------|
| KEYNOTE            | EQUIPMENT DESCRIPTION                     | PROVIDED BY | INSTALLED BY |
| 01                 | GRAB BAR - HORIZONTAL (1 1/4" x 36")      | CONTRACTOR  | CONTRACTOR   |
| 02                 | GRAB BAR - HORIZONTAL (1 1/4" x 42")      | CONTRACTOR  | CONTRACTOR   |
| 03                 | GRAB BAR - VERTICAL (1 1/4" x 18")        | CONTRACTOR  | CONTRACTOR   |
| 04                 | WALL MOUNT LIQUID SOAP DISPENSER          | CONTRACTOR  | CONTRACTOR   |
| 05                 | TOILET TISSUE DISPENSER - SURFACE MOUNTED | CONTRACTOR  | CONTRACTOR   |
| 06                 | WALL MOUNT CHANNEL FRAME MIRROR           | CONTRACTOR  | CONTRACTOR   |
| 08                 | TELEVISION, 42"                           |             |              |



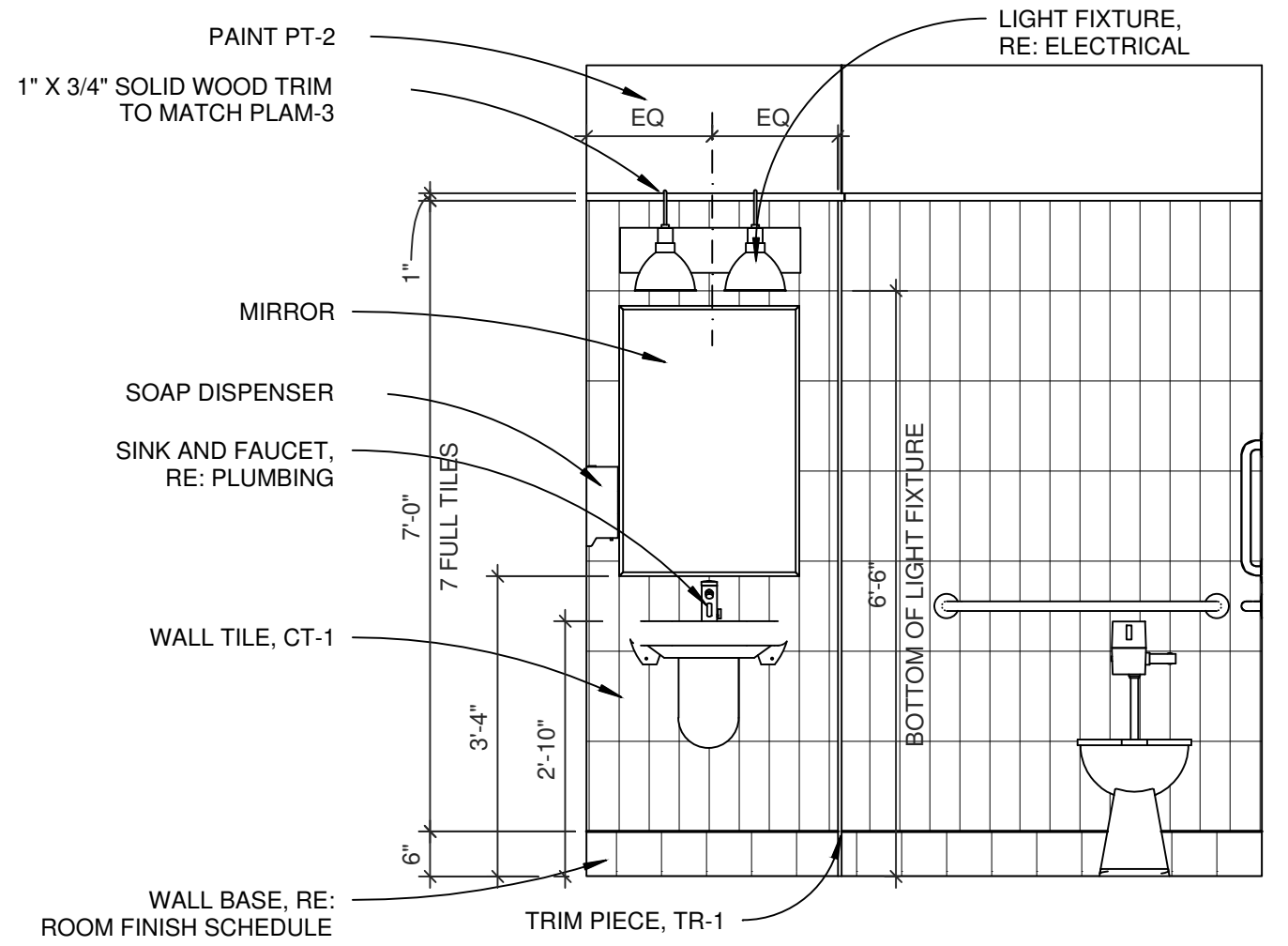
**5** BLOCKING DIAGRAM  
 N.T.S.



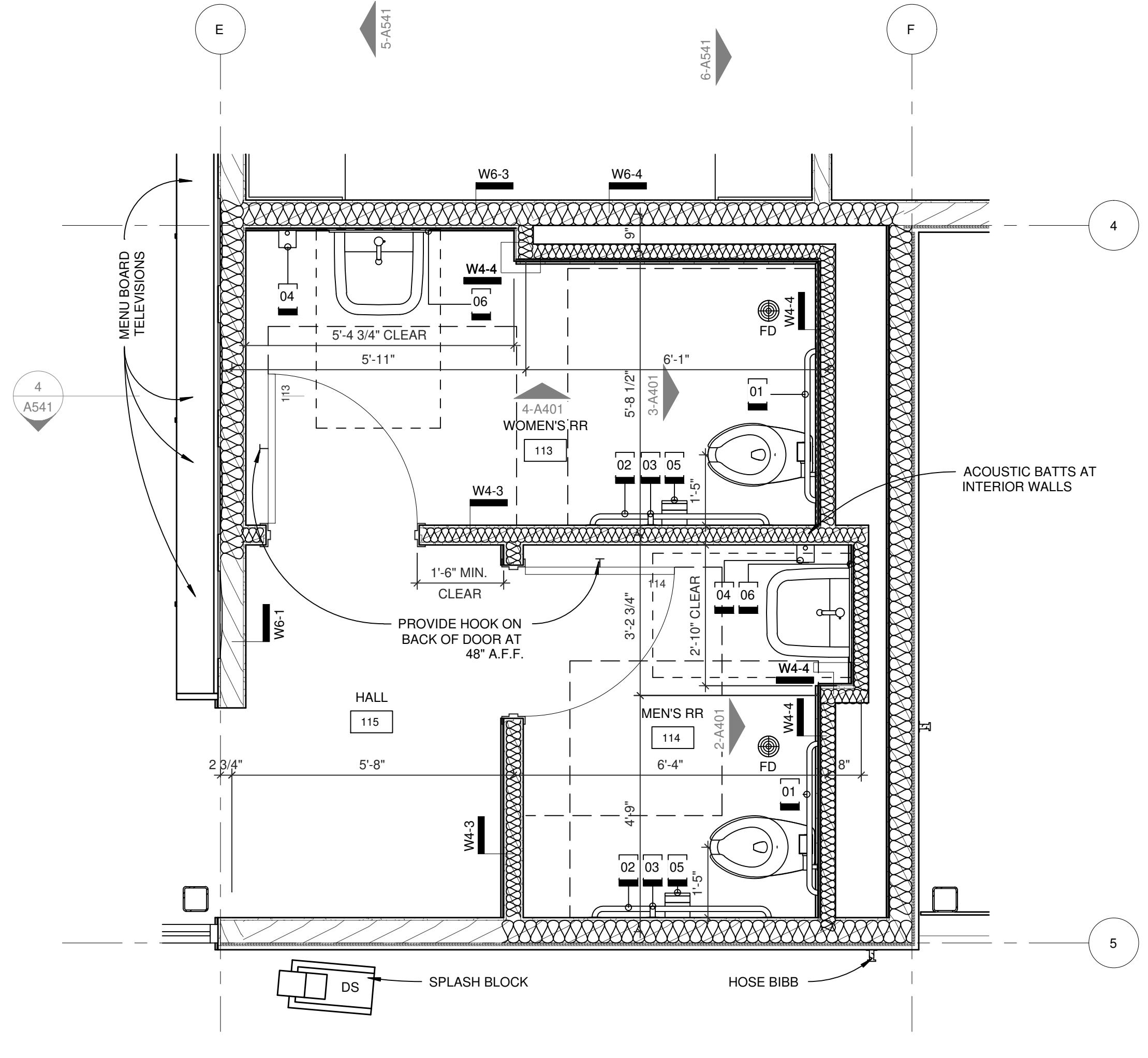
**4** WOMEN'S RESTROOM ELEVATION  
 1/2" = 1'-0" 1 - A401



**3** WOMEN'S RESTROOM ELEVATION  
 1/2" = 1'-0" 1 - A401



**2** MEN'S RESTROOM ELEVATION  
 1/2" = 1'-0" 1 - A401



**1** ENLARGED RESTROOM PLANS  
 1/2" = 1'-0" 1 - A101

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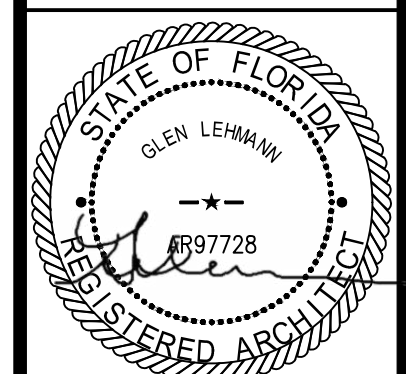
**RIB CRIB GEN 6 PROTOTYPE**  
 Location: GATEWAY CROSSING, CENTURION WAY  
 LAKE CITY, FLORIDA 32055  
 Drawing: ENLARGED RESTROOM PLANS and ELEVATIONS



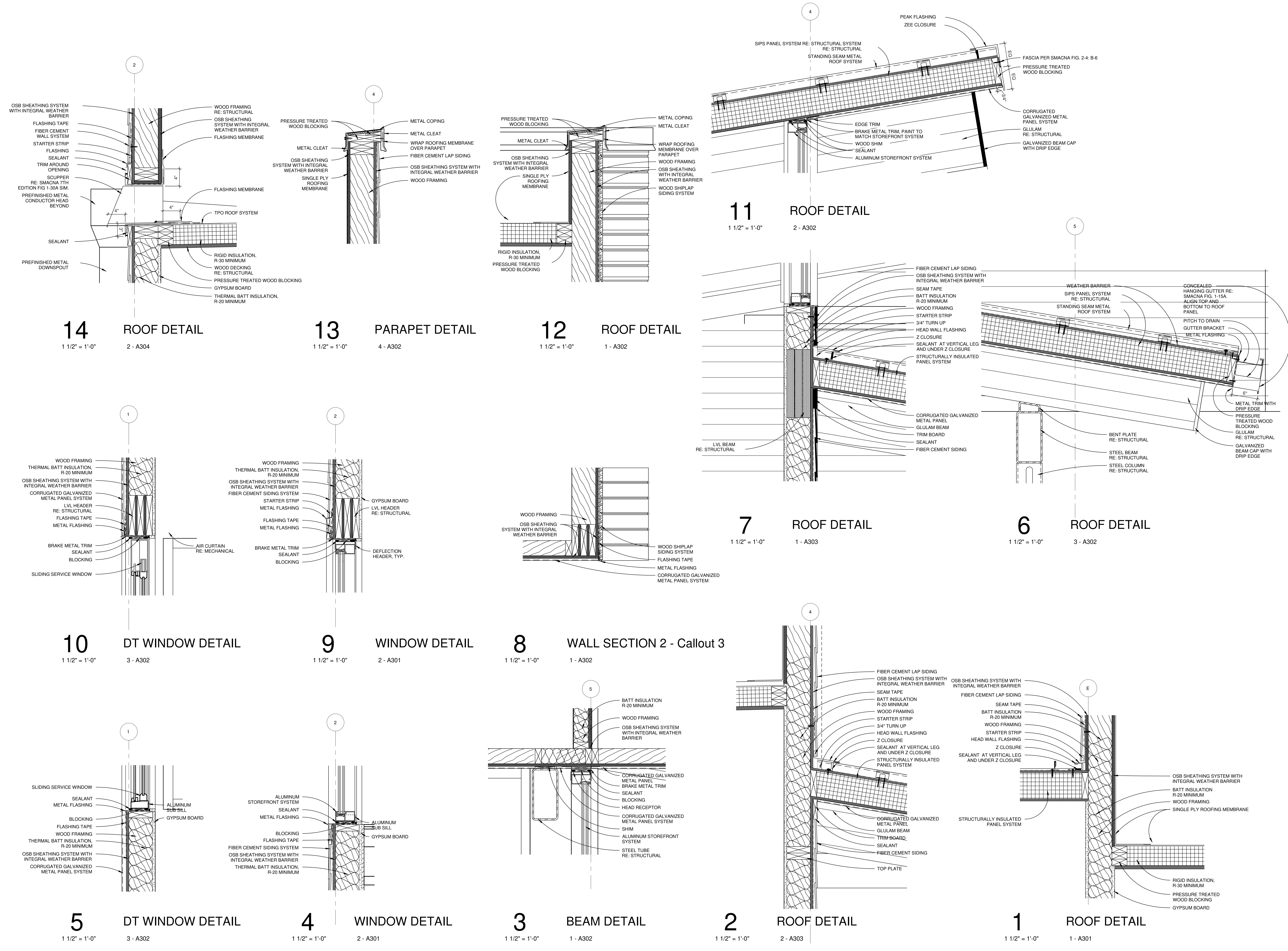
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|---------------|-----|
| THRU ADDENDUM | " " |
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PROJECT DATE  
 08/12/2022  
 Drawn By  
**CDK**  
 Checked By  
**NRD**  
 Sheet No.

**A401**



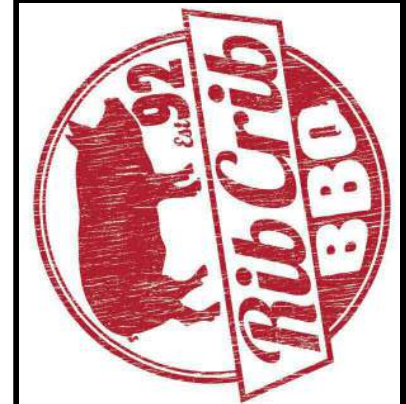
8/12/22



Drawing File: C:\Users\chudson\appdata\local\temp\1a5b3d3b-8472-4601-d49c-81e1e1e1e1e1.dwg  
Plotted by: chudson  
Printed Date: Aug 12, 2022 at 2:20pm

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: EXTERIOR DETAILS

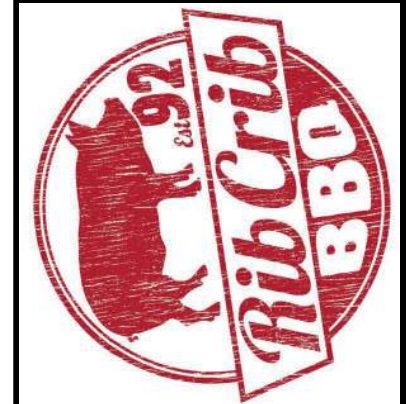


| Revisions     |             |
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| THRU ADDENDUM | " "         |
| PROJECT DATE  | 08/12/2022  |
| Drawn By      | CDK         |
| Checked By    | NRD         |
| Sheet No.     | <b>A501</b> |

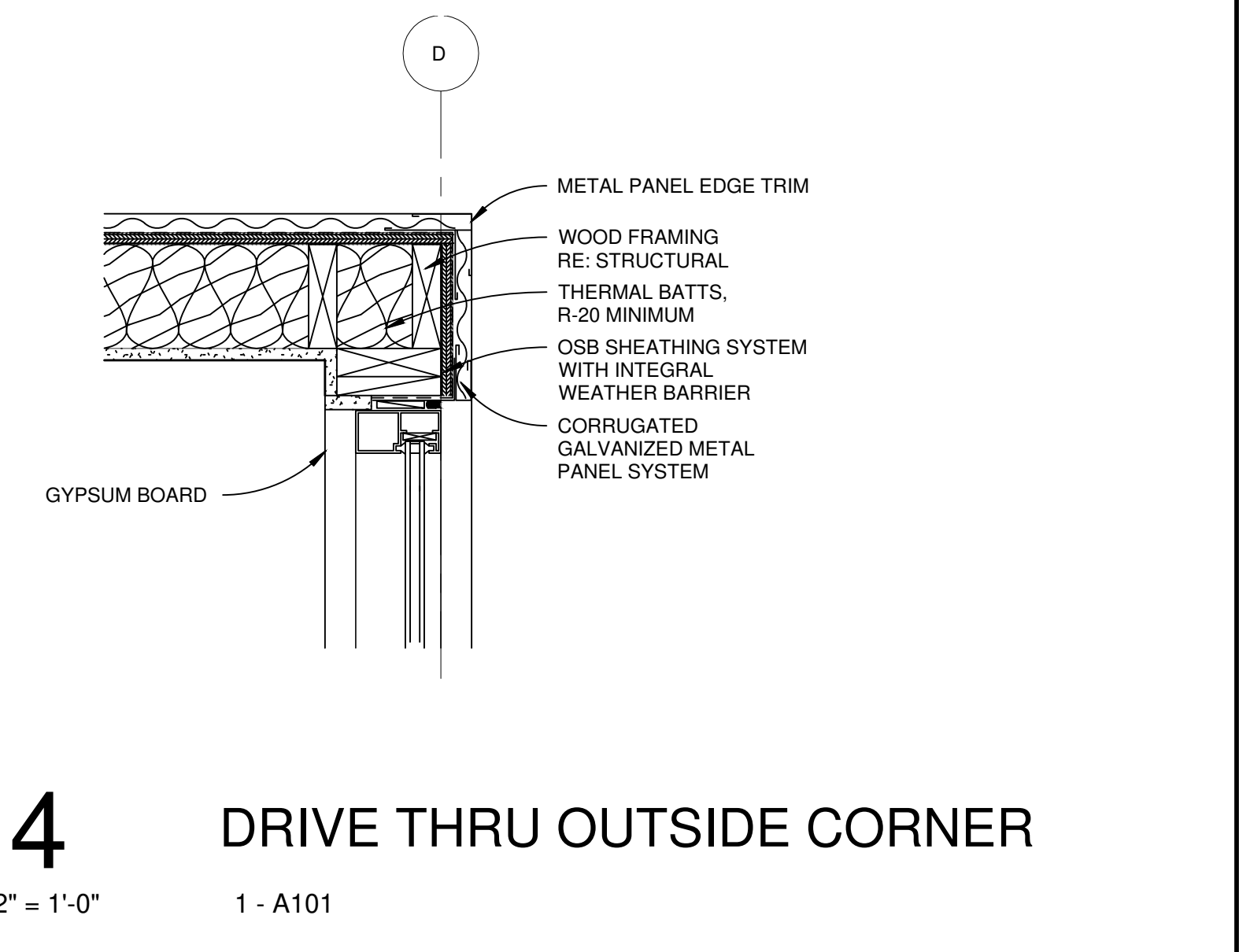


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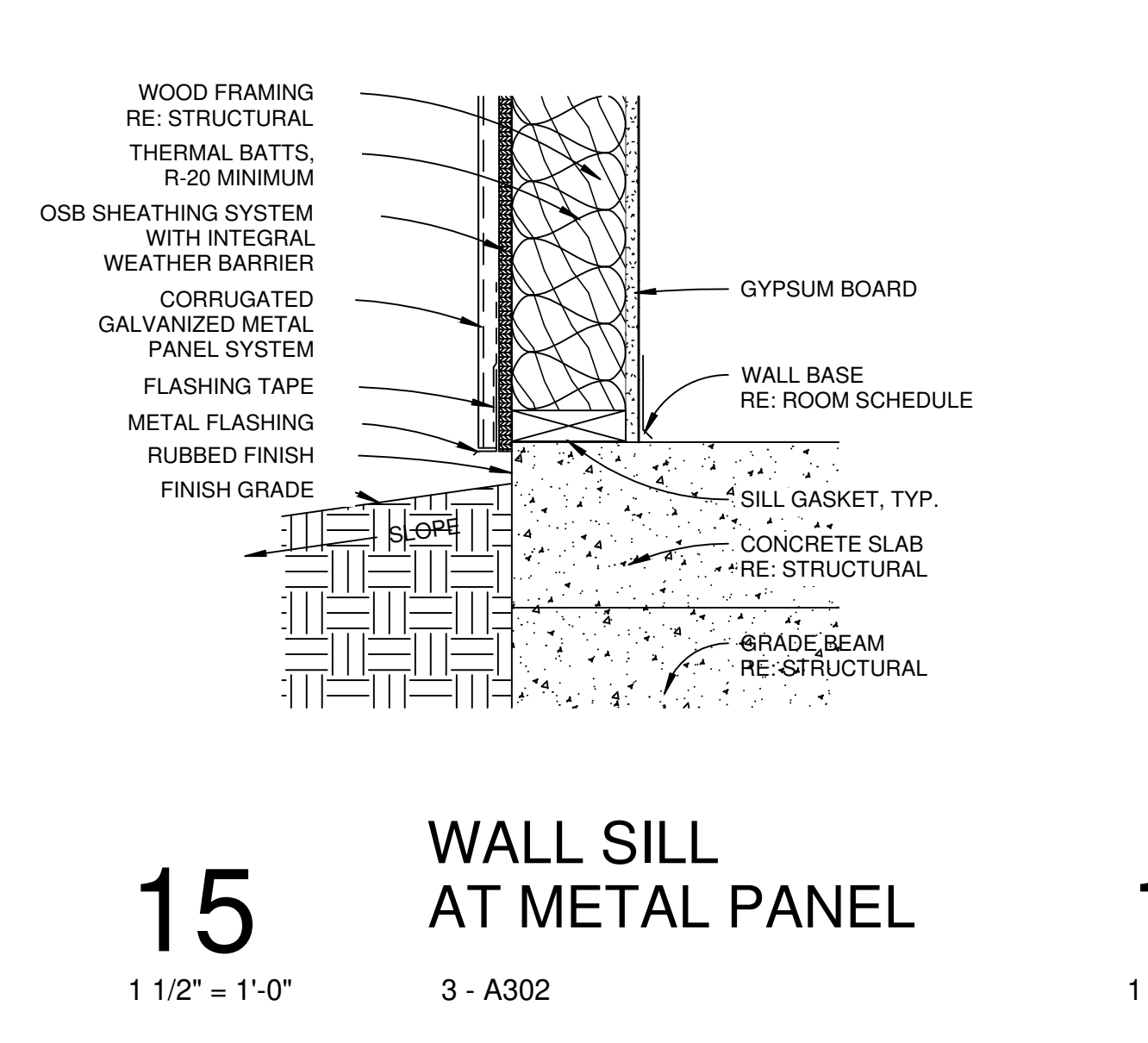
**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: EXTERIOR DETAILS



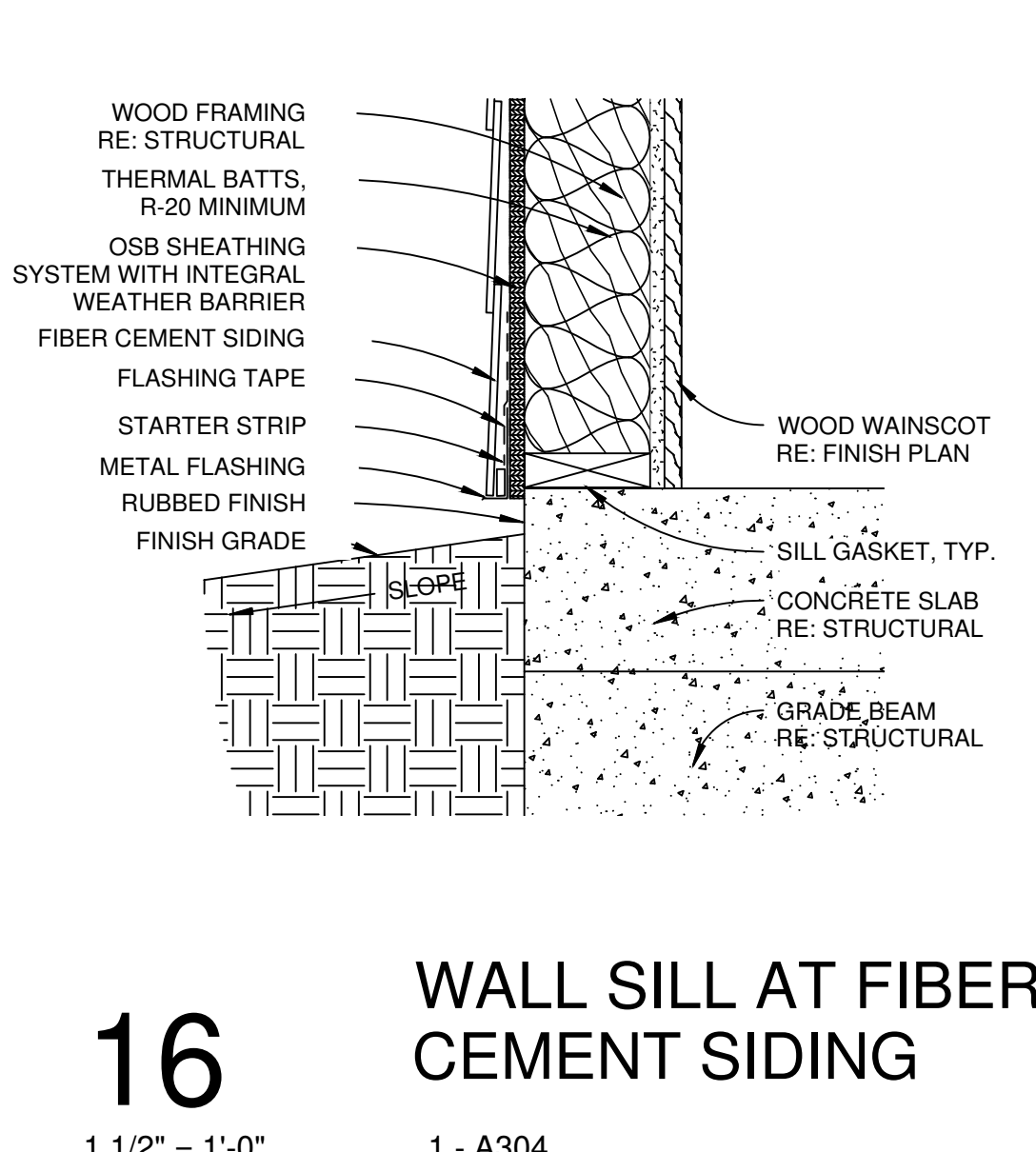
| Revisions     |            |
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| THRU ADDENDUM | " "        |
| PROJECT DATE  | 08/12/2022 |
| Drawn By      | CDK        |
| Checked By    | NRD        |
| Sheet No.     | A503       |



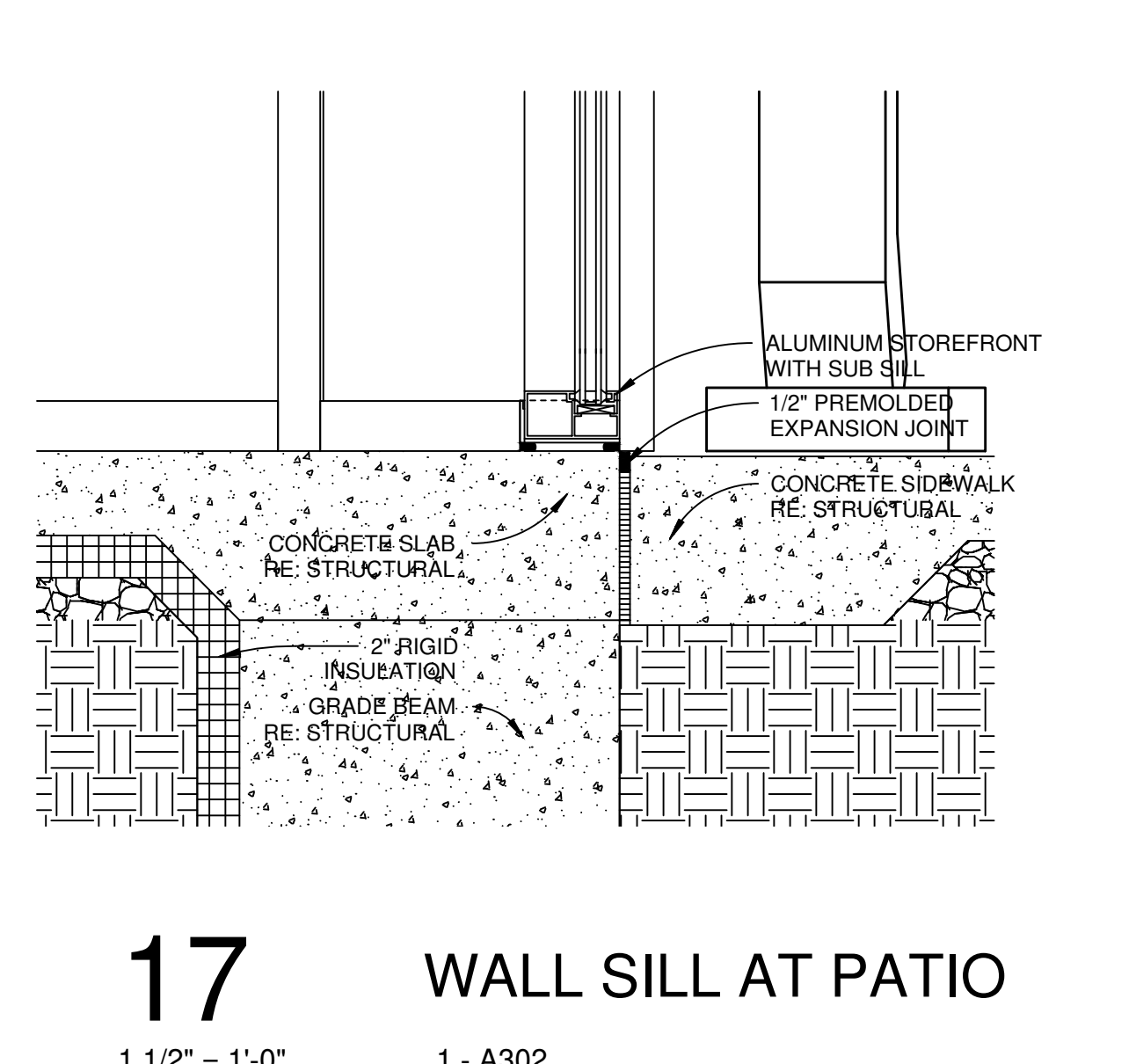
**14** DRIVE THRU OUTSIDE CORNER  
1 1/2" = 1'-0"  
1 - A101



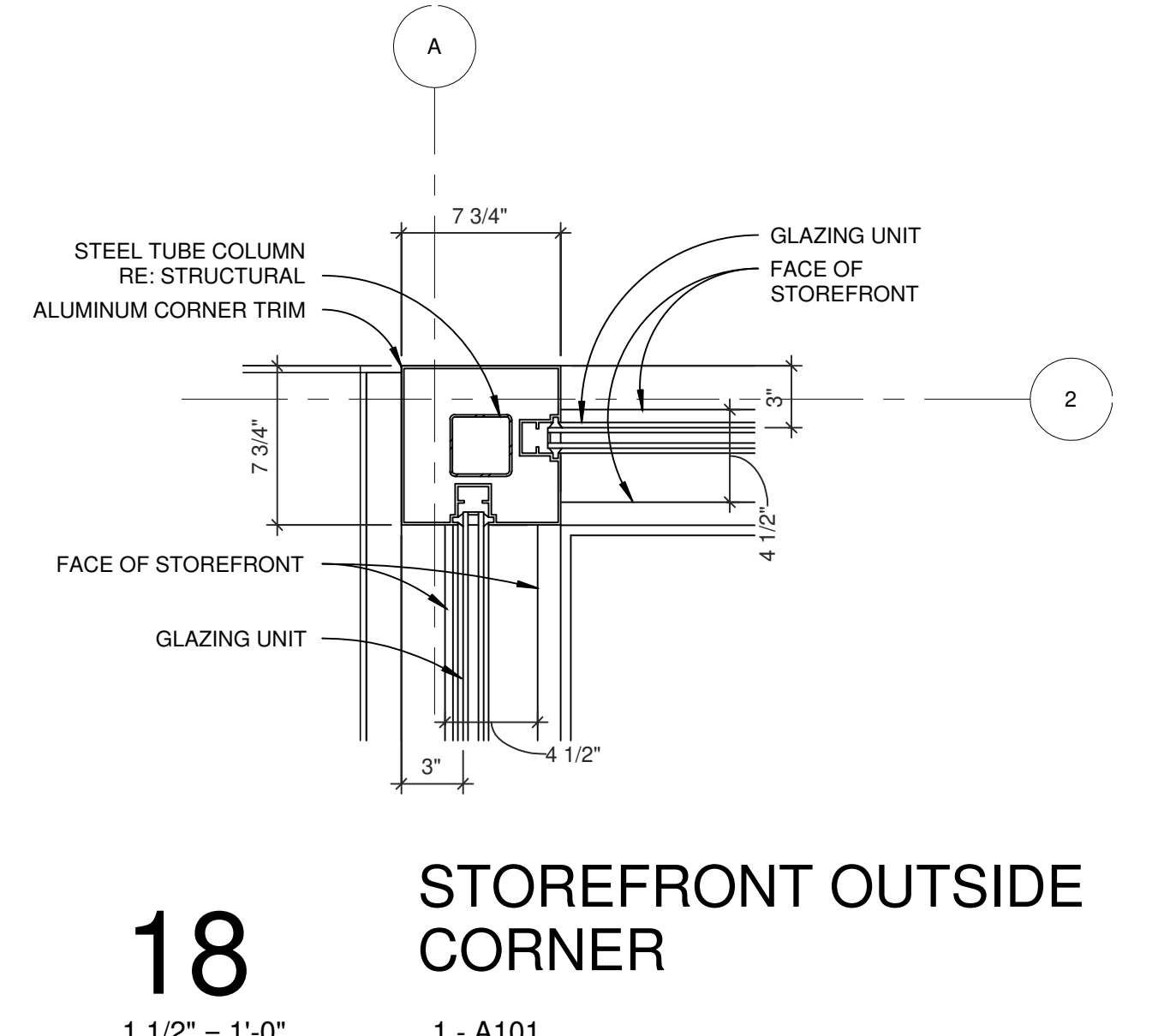
**15** WALL SILL AT METAL PANEL  
1 1/2" = 1'-0"  
3 - A302



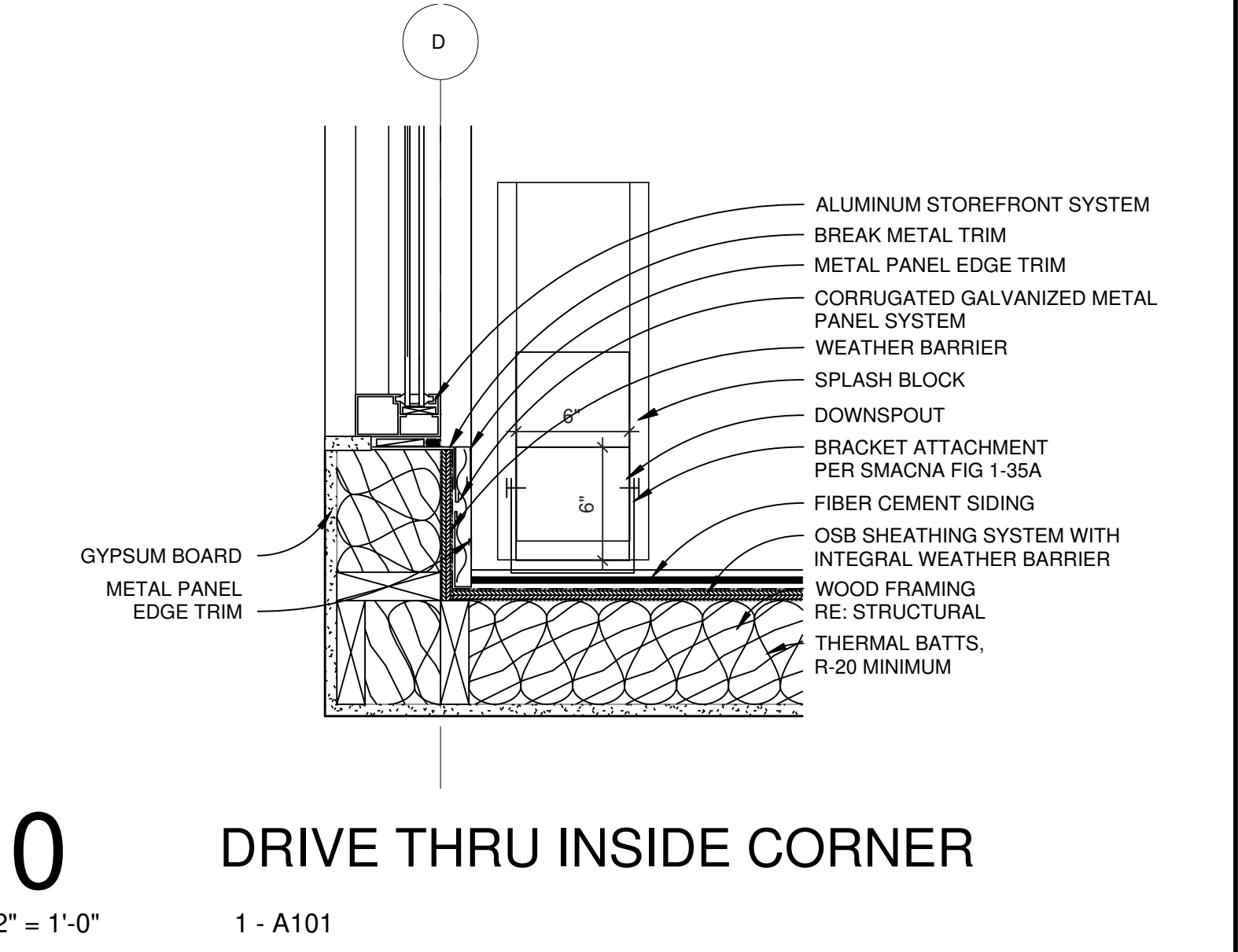
**16** WALL SILL AT FIBER CEMENT SIDING  
1 1/2" = 1'-0"  
1 - A304



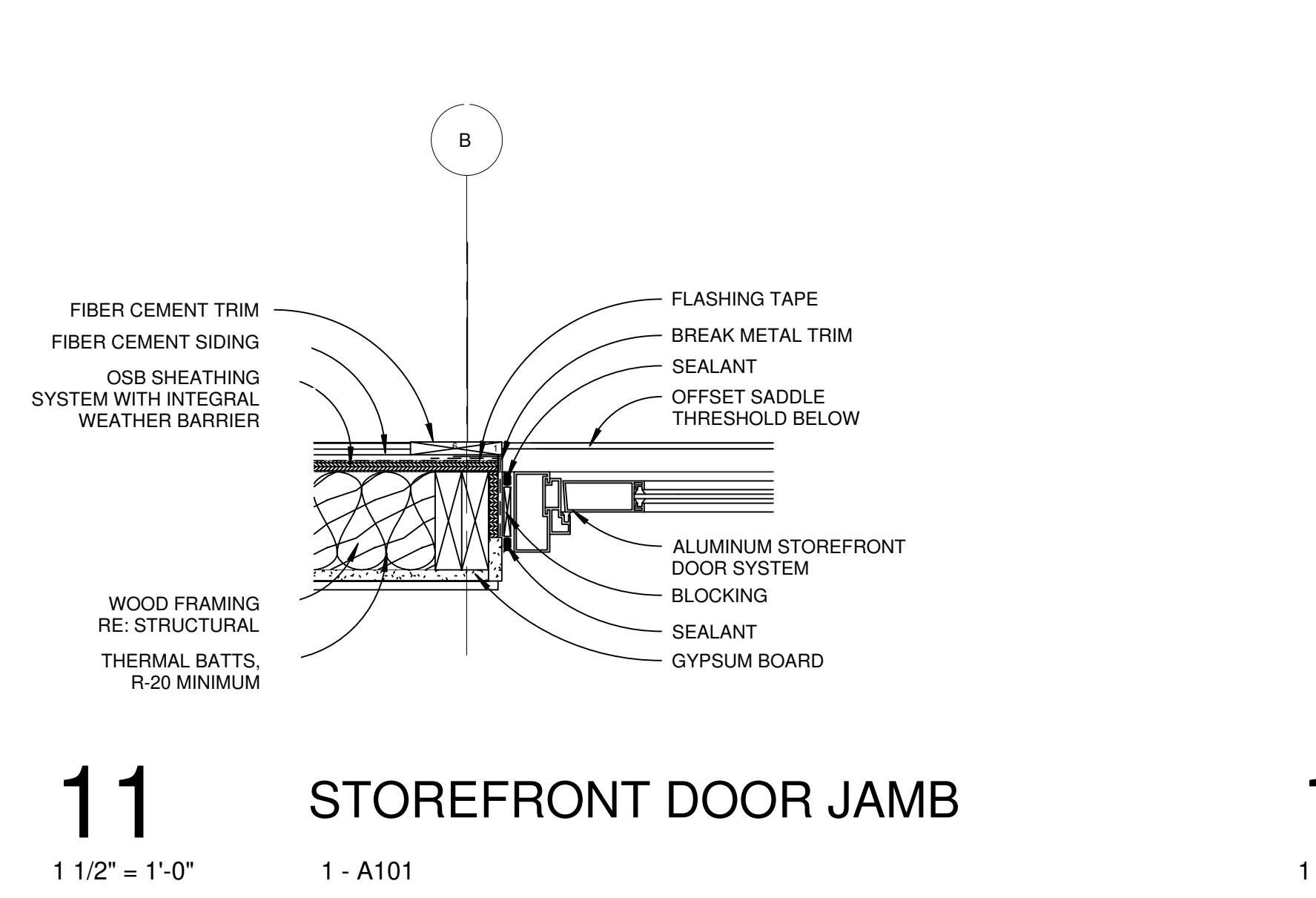
**17** WALL SILL AT PATIO  
1 1/2" = 1'-0"  
1 - A302



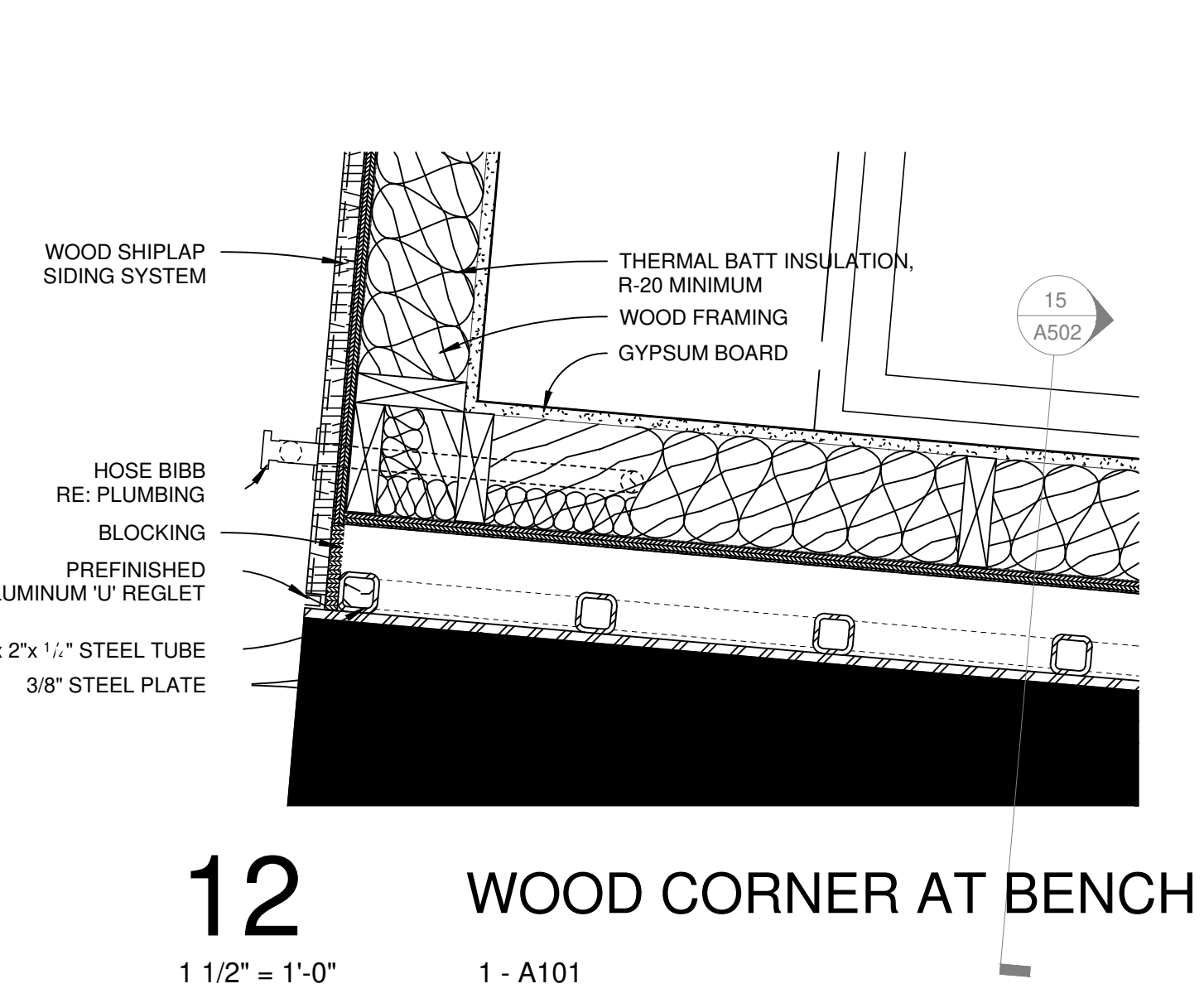
**18** STOREFRONT OUTSIDE CORNER  
1 1/2" = 1'-0"  
1 - A101



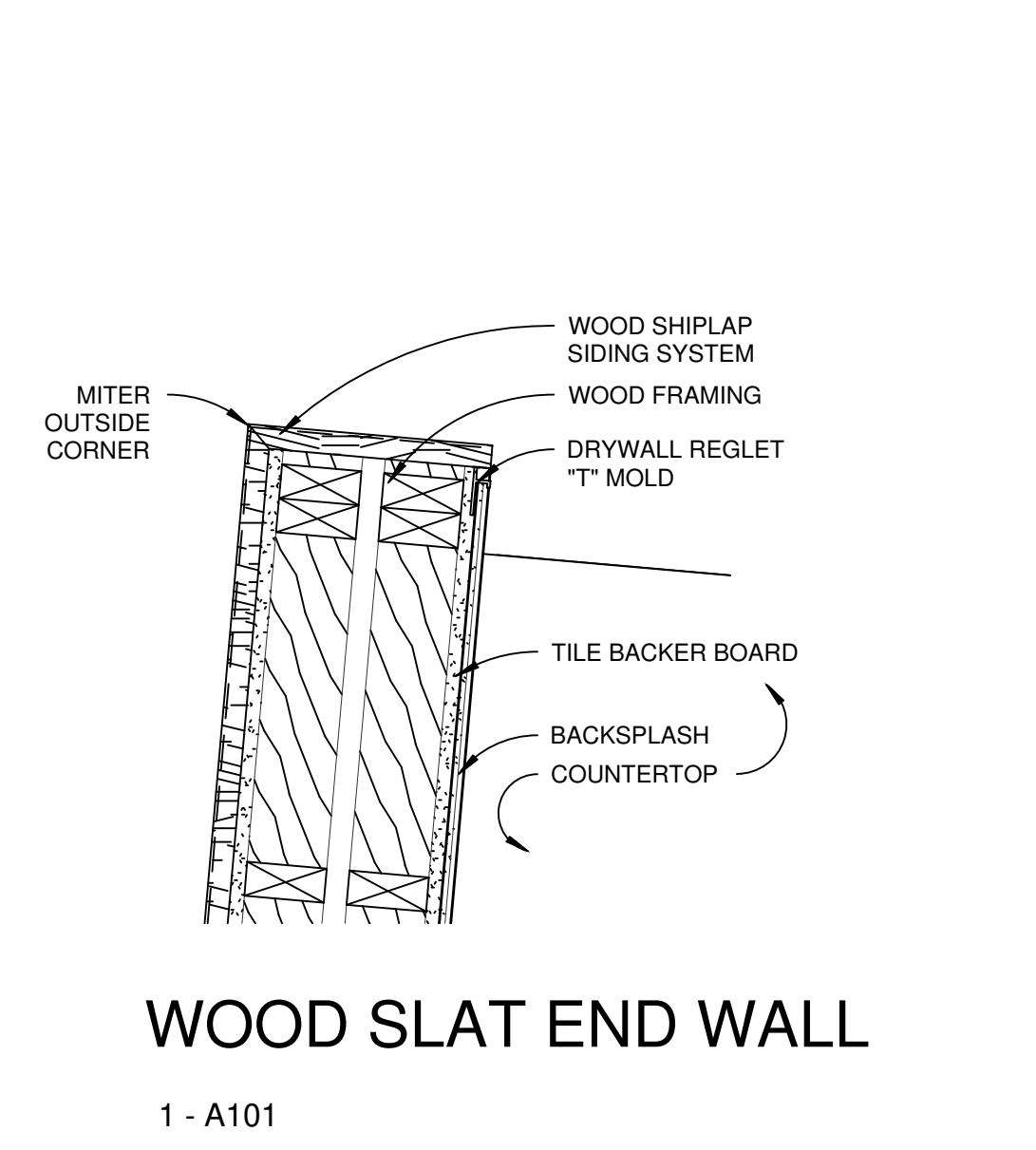
**10** DRIVE THRU INSIDE CORNER  
1 1/2" = 1'-0"  
1 - A101



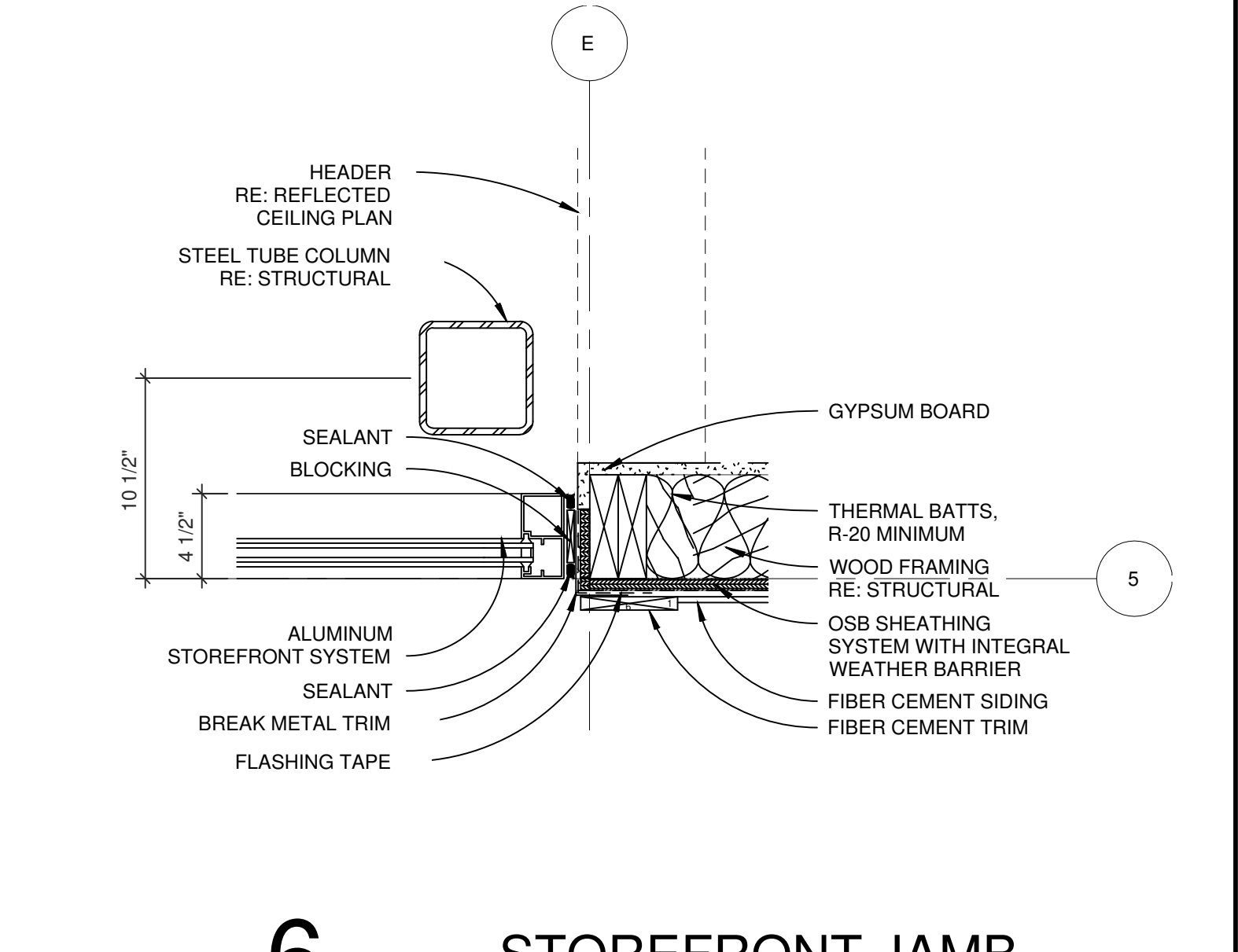
**11** STOREFRONT DOOR JAMB  
1 1/2" = 1'-0"  
1 - A101



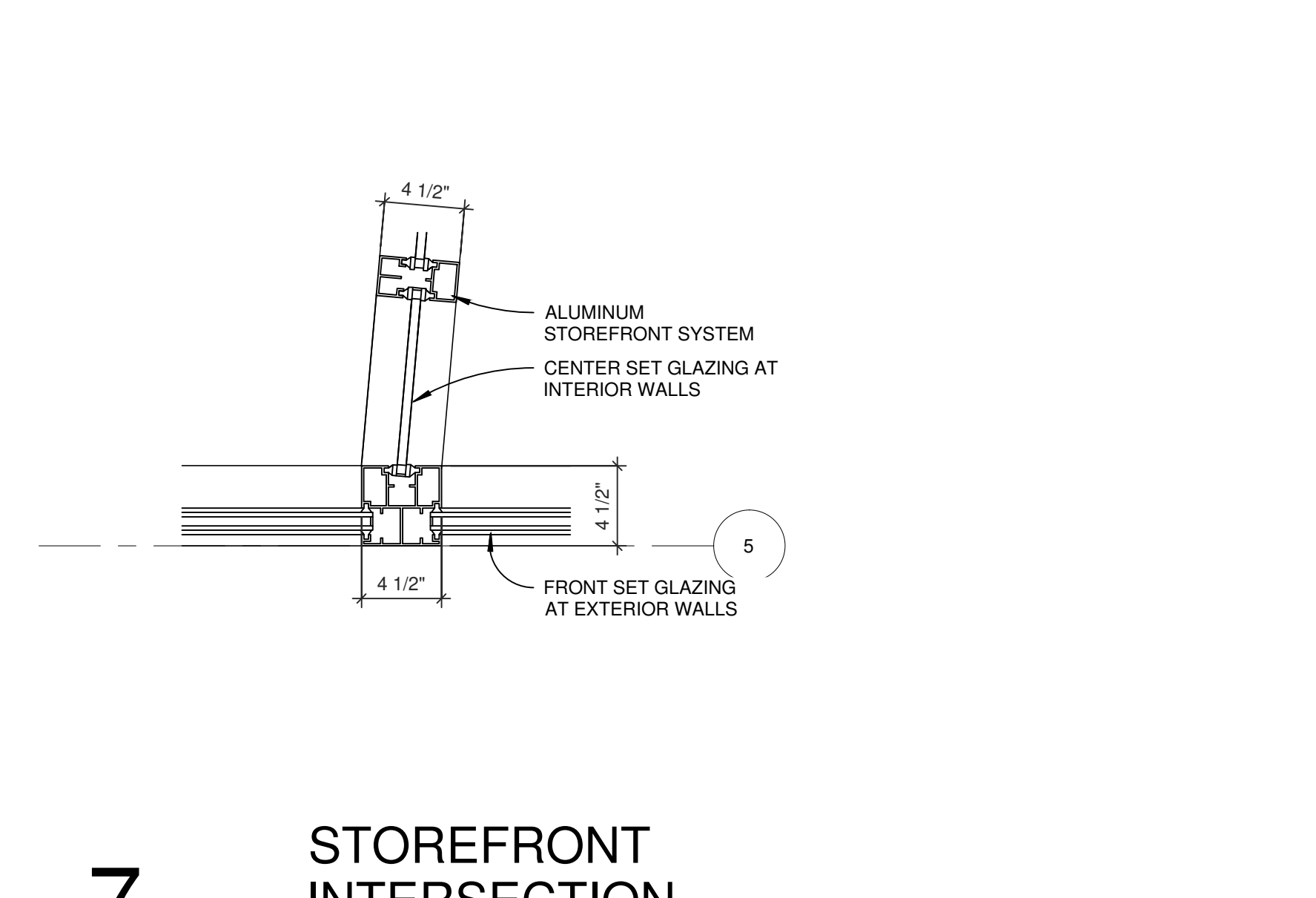
**12** WOOD CORNER AT BENCH  
1 1/2" = 1'-0"  
1 - A101



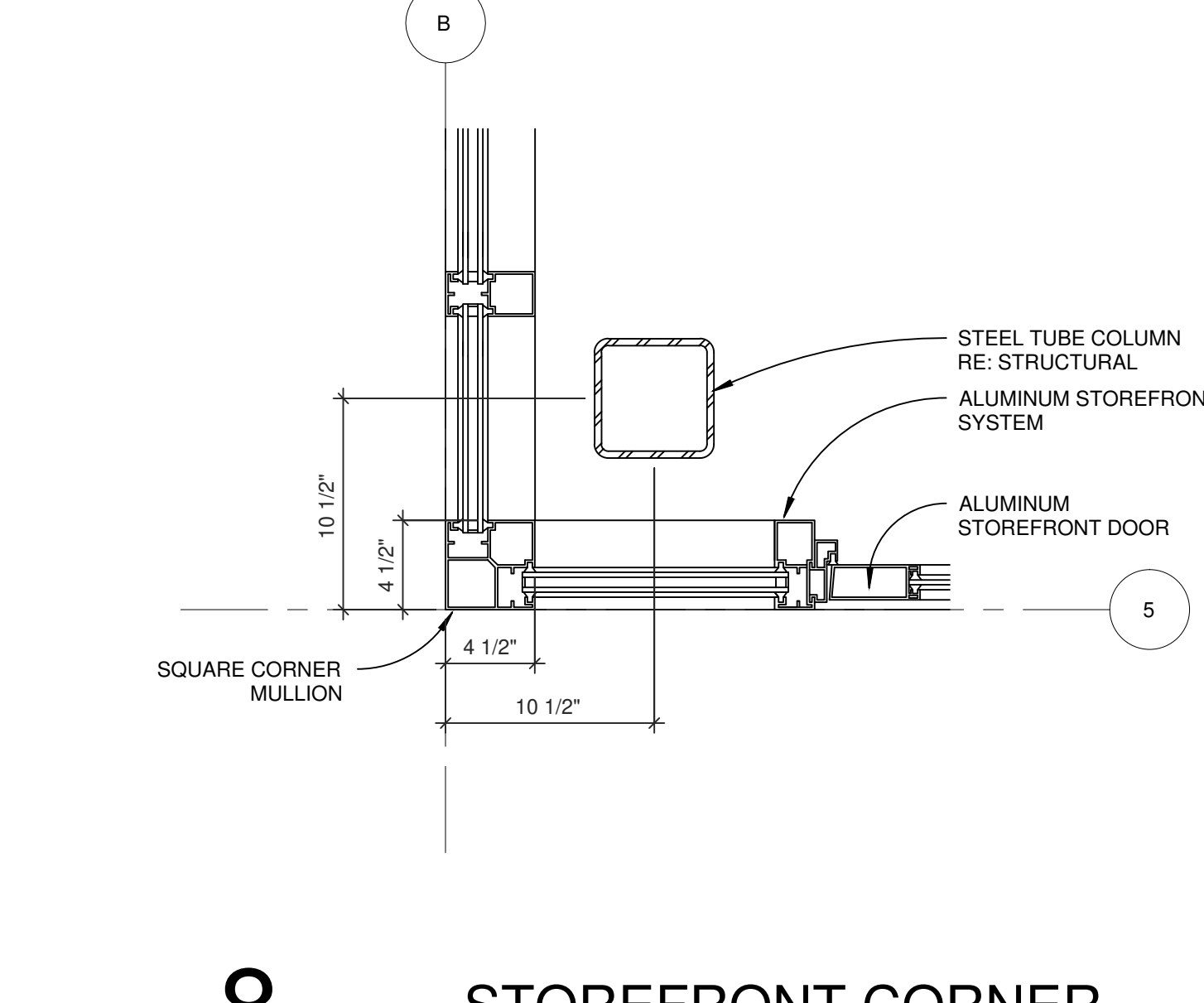
**13** WOOD SLAT END WALL  
1 1/2" = 1'-0"  
1 - A101



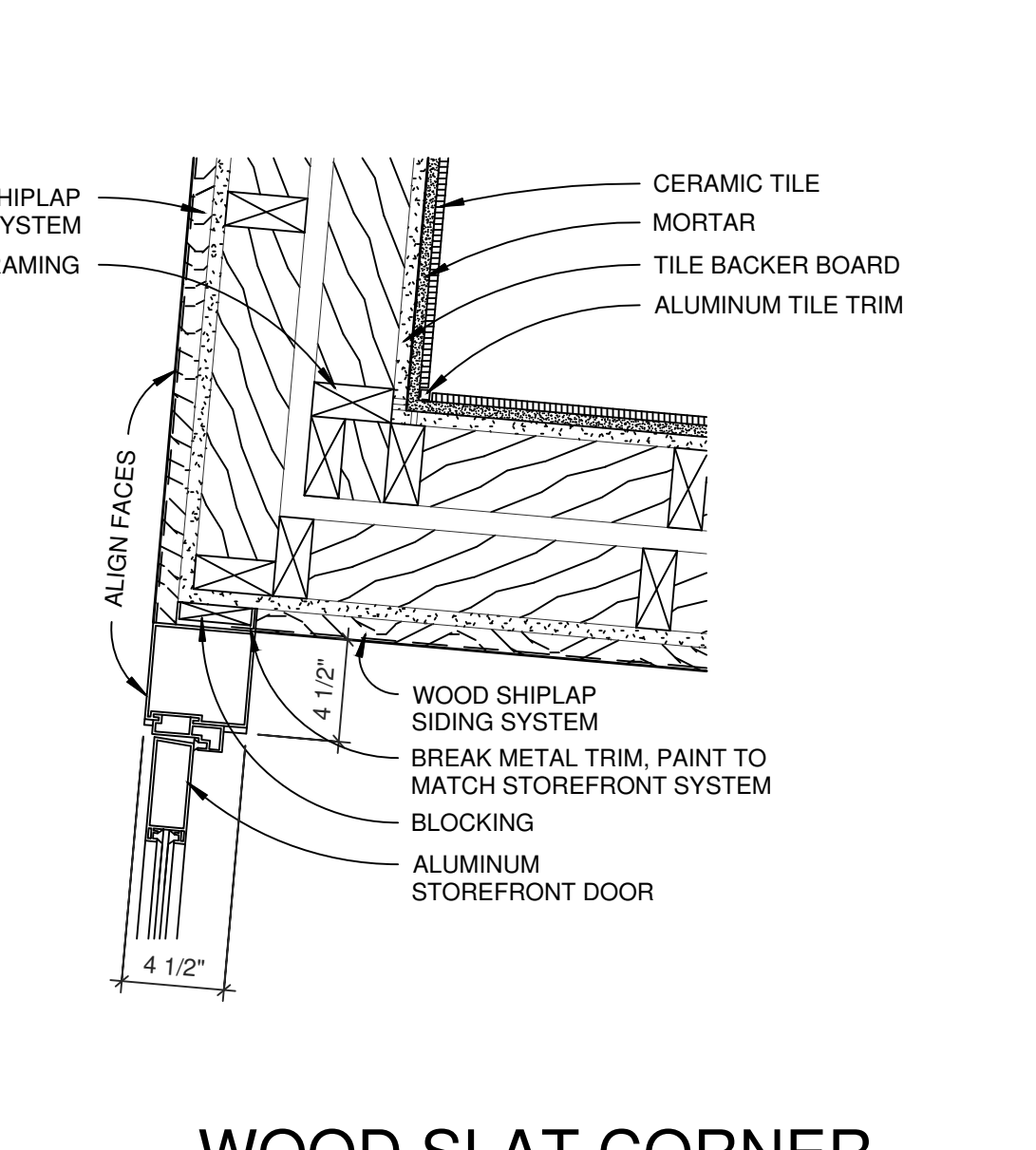
**6** STOREFRONT JAMB  
1 1/2" = 1'-0"  
1 - A101



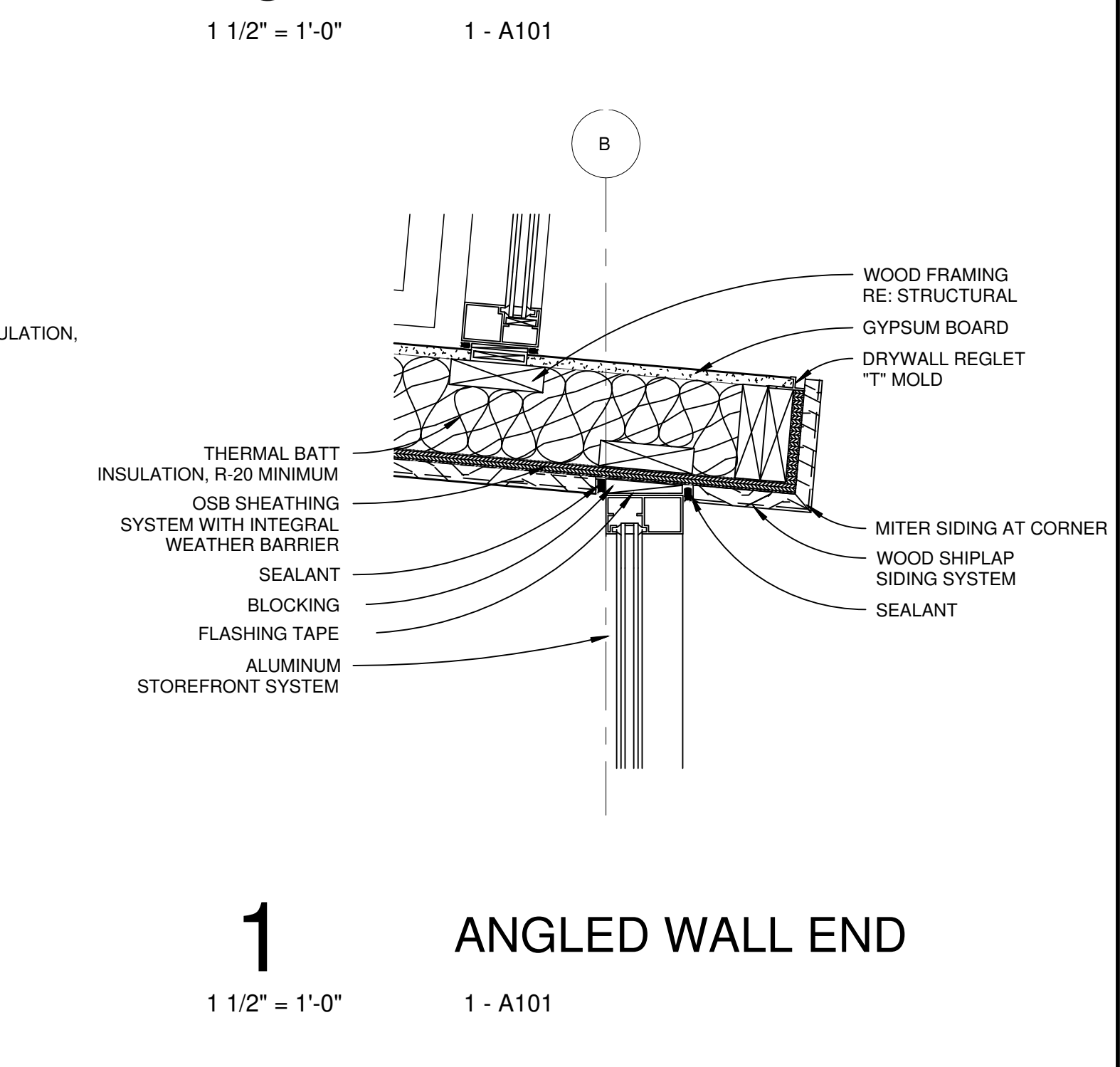
**7** STOREFRONT INTERSECTION  
1 1/2" = 1'-0"  
1 - A101



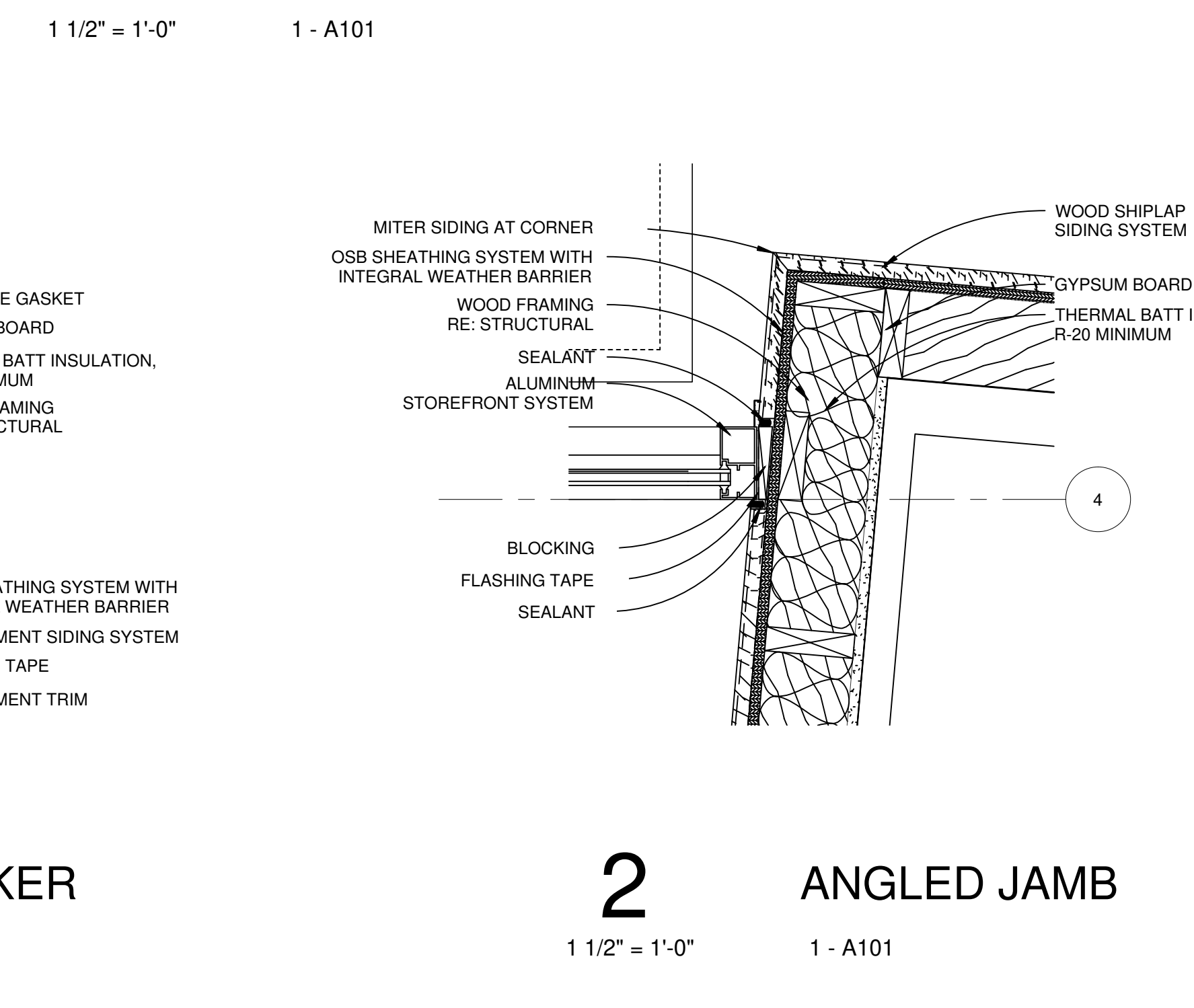
**8** STOREFRONT CORNER  
1 1/2" = 1'-0"  
1 - A101



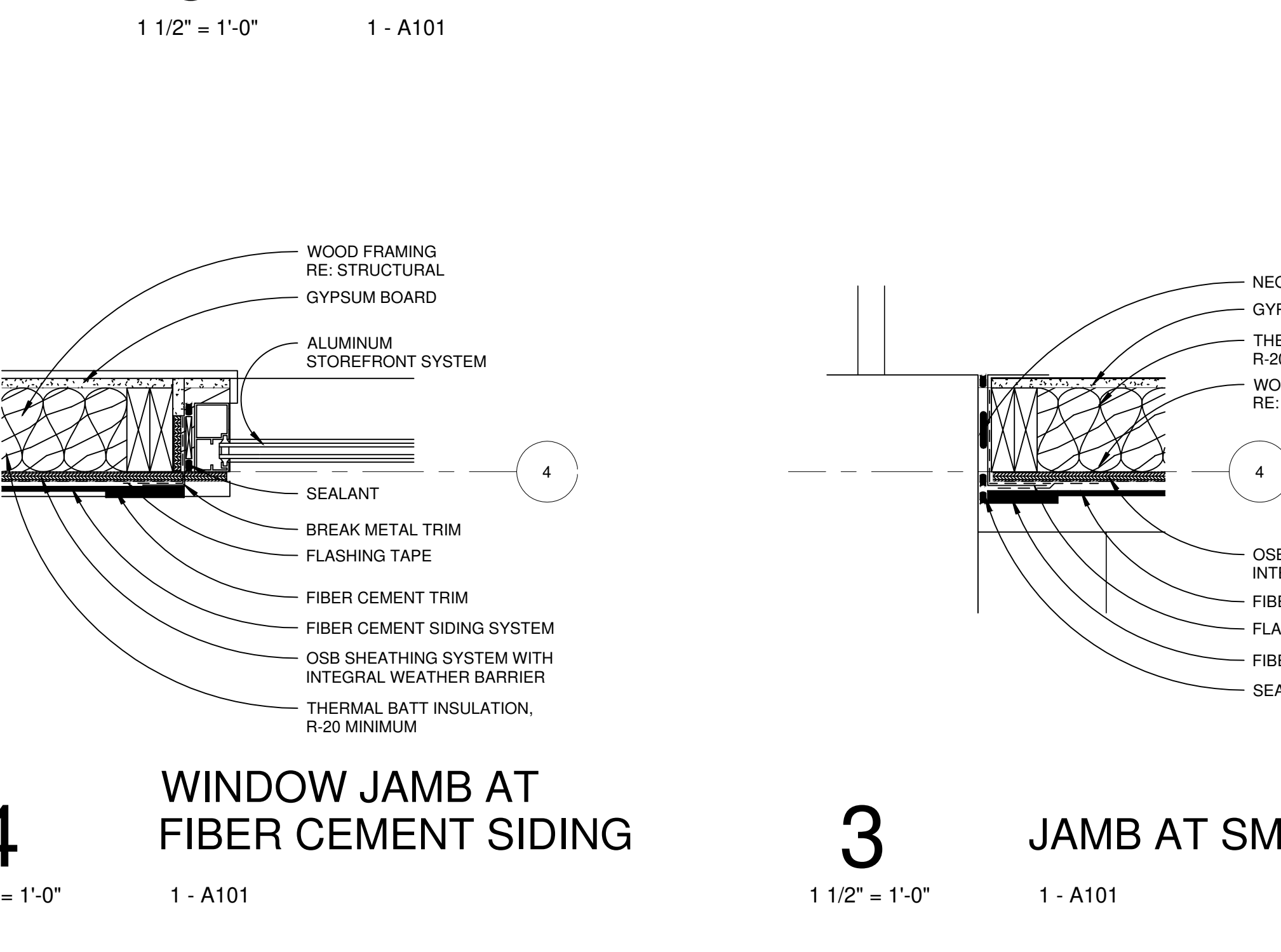
**9** WOOD SLAT CORNER  
1 1/2" = 1'-0"  
1 - A101



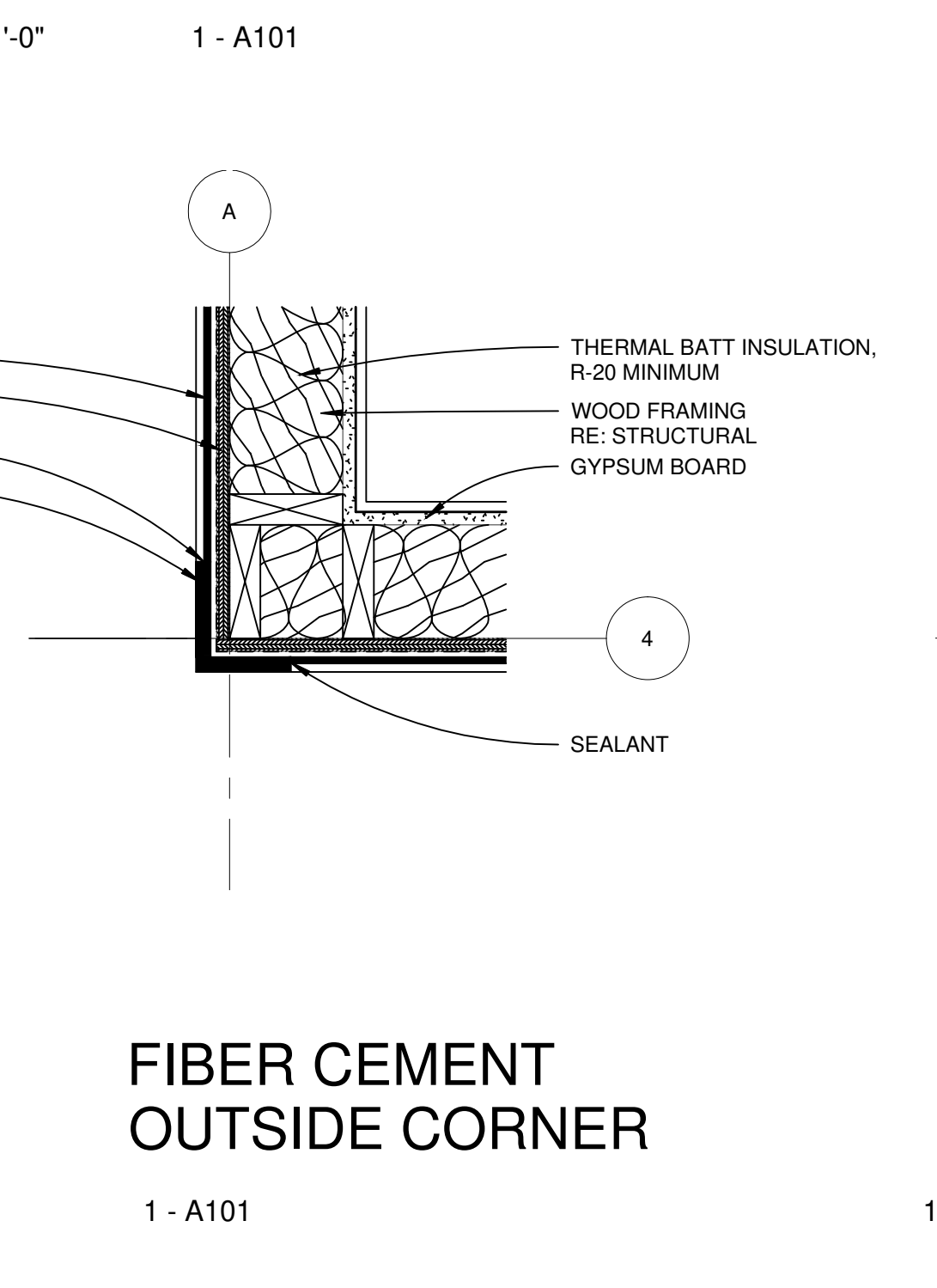
**1** ANGLED WALL END  
1 1/2" = 1'-0"  
1 - A101



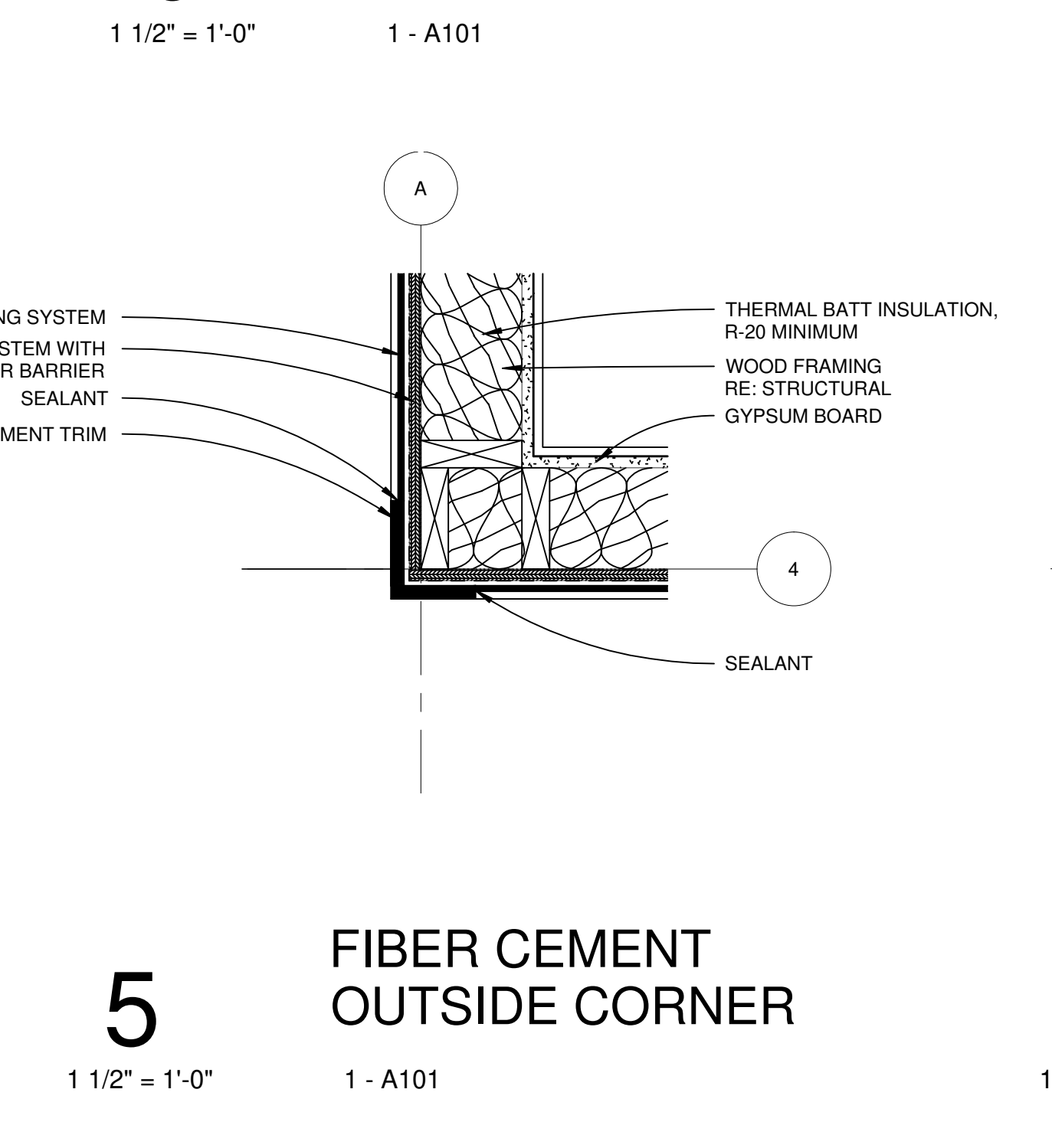
**2** ANGLED JAMB  
1 1/2" = 1'-0"  
1 - A101



**3** JAMB AT SMOKER  
1 1/2" = 1'-0"  
1 - A101

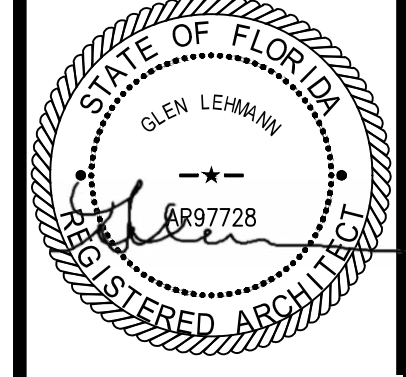


**4** WINDOW JAMB AT FIBER CEMENT SIDING  
1 1/2" = 1'-0"  
1 - A101

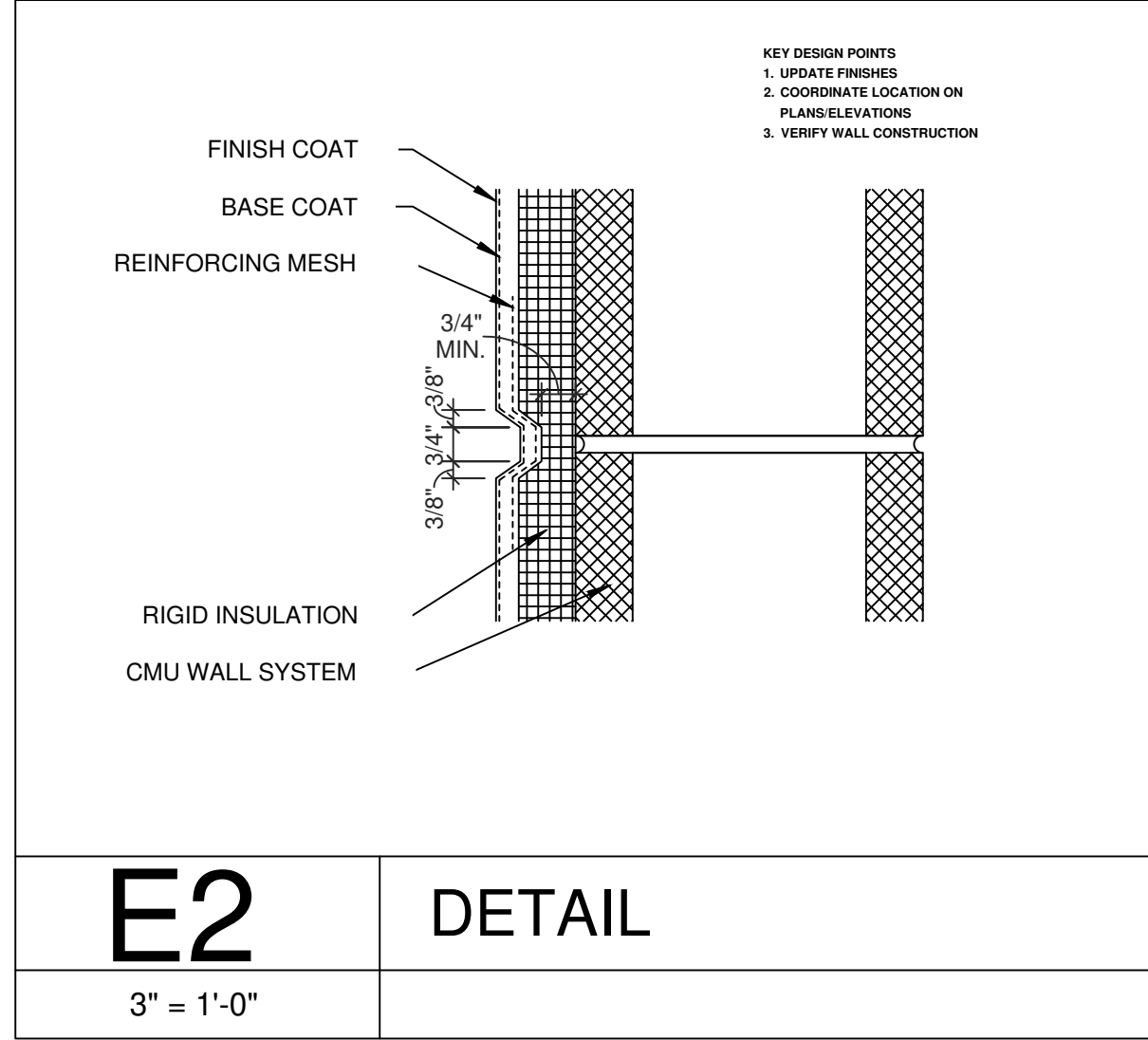


**5** FIBER CEMENT OUTSIDE CORNER  
1 1/2" = 1'-0"  
1 - A101

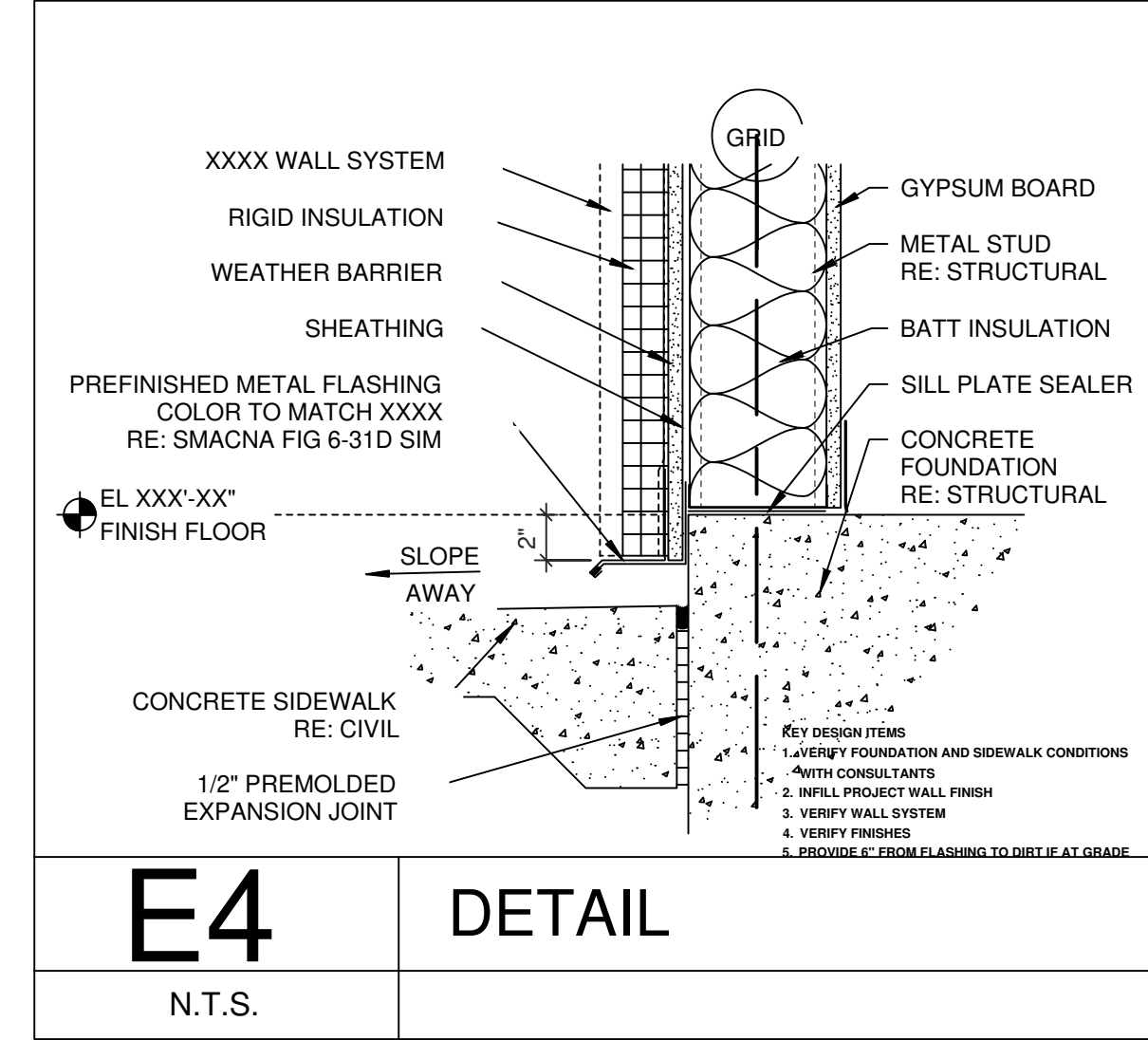
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Plotted by: chudson  
Printed Date: Aug 12, 2022 - 2:34pm



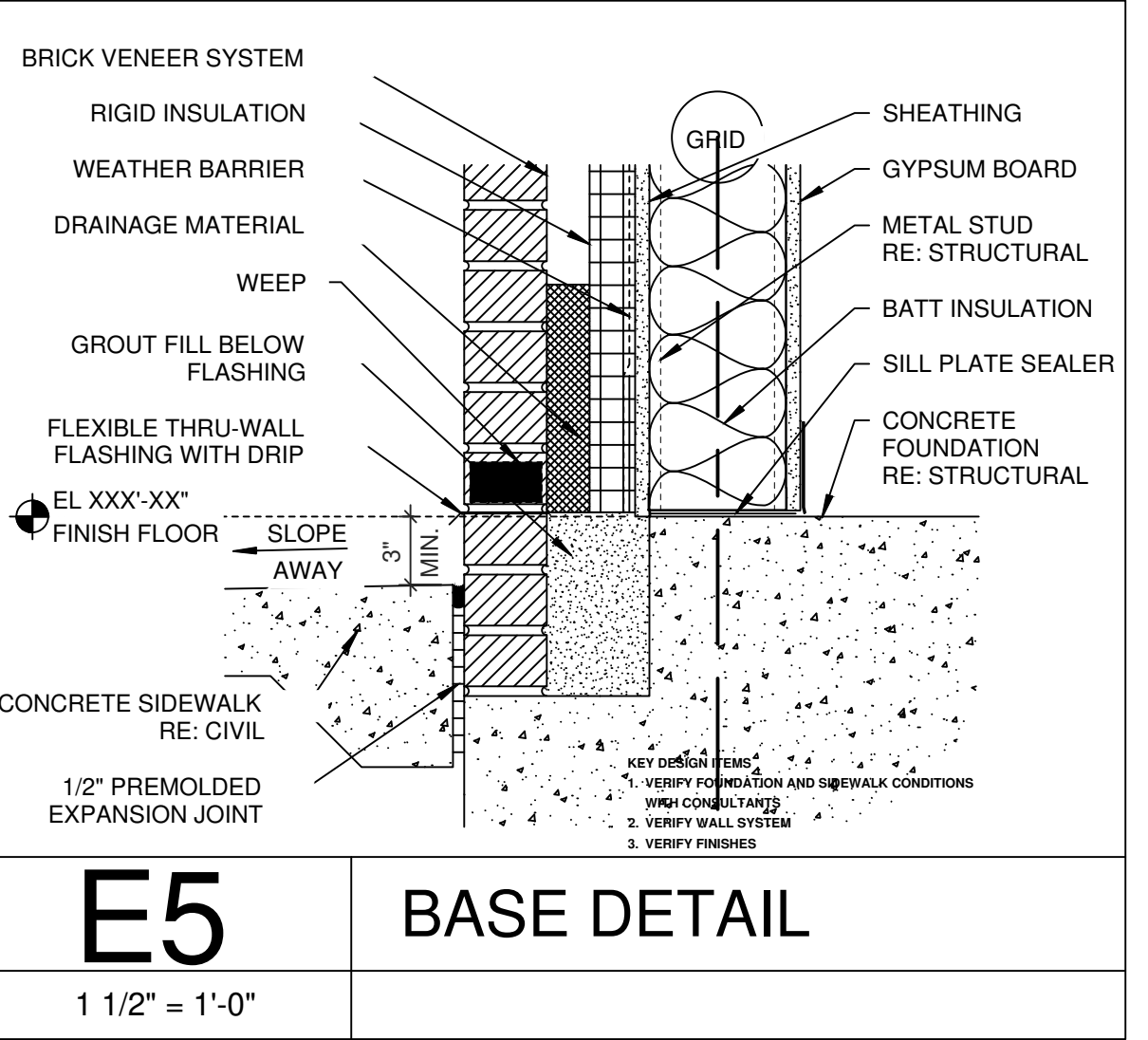
8/12/22



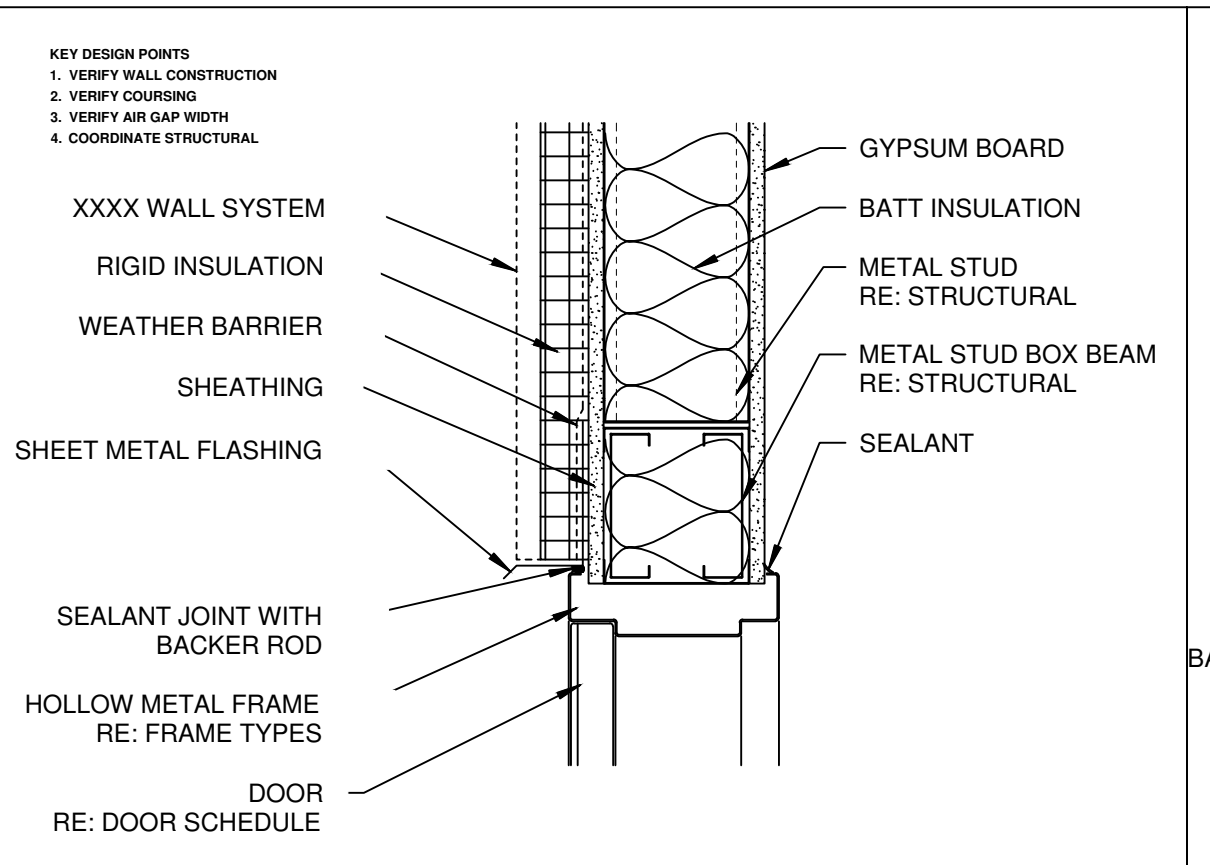
**E2** DETAIL  
 3" = 1'-0"



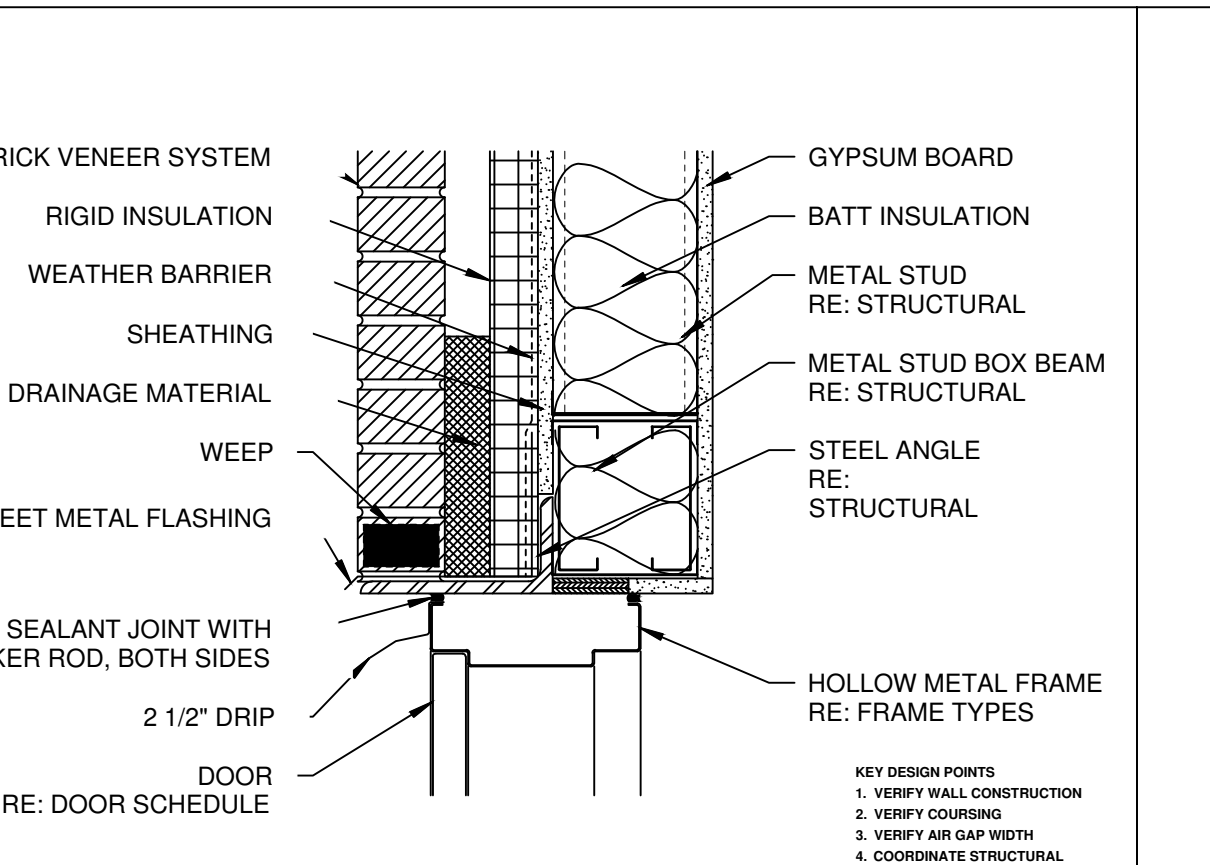
**E4** DETAIL  
 N.T.S.



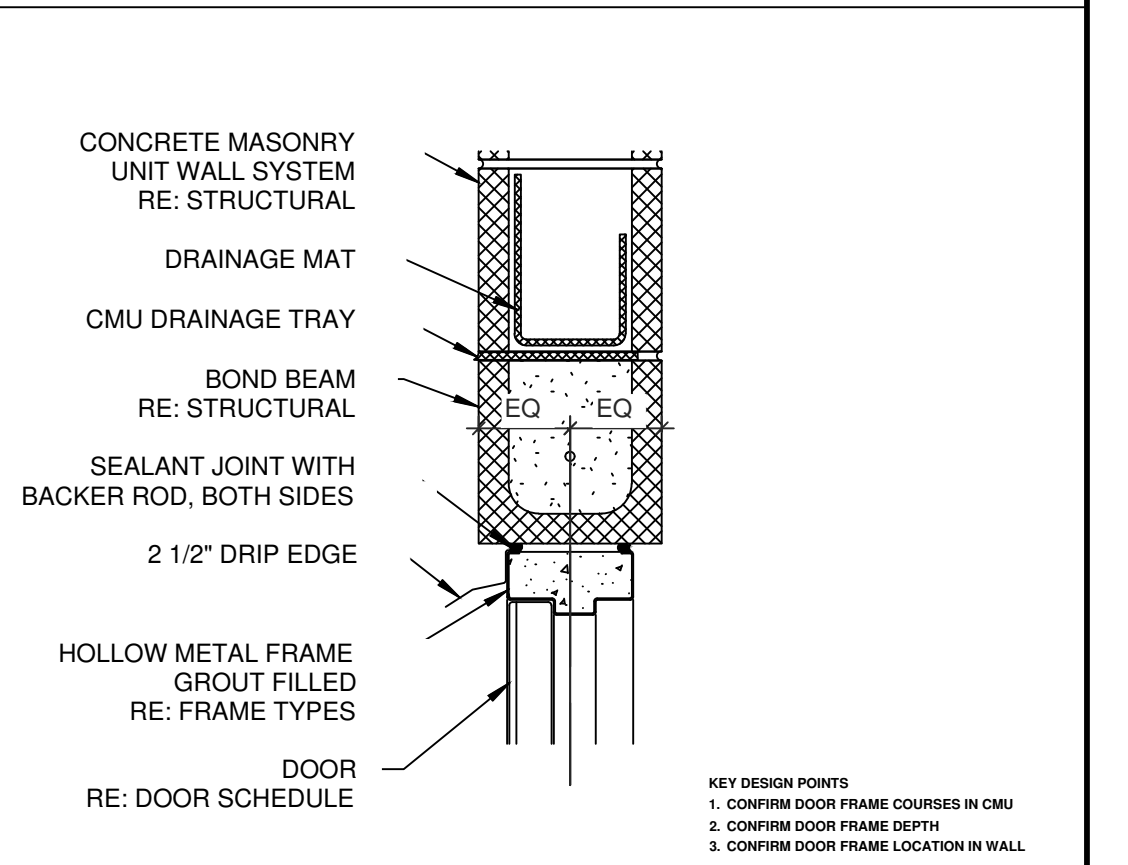
**E5** BASE DETAIL  
 1 1/2" = 1'-0"



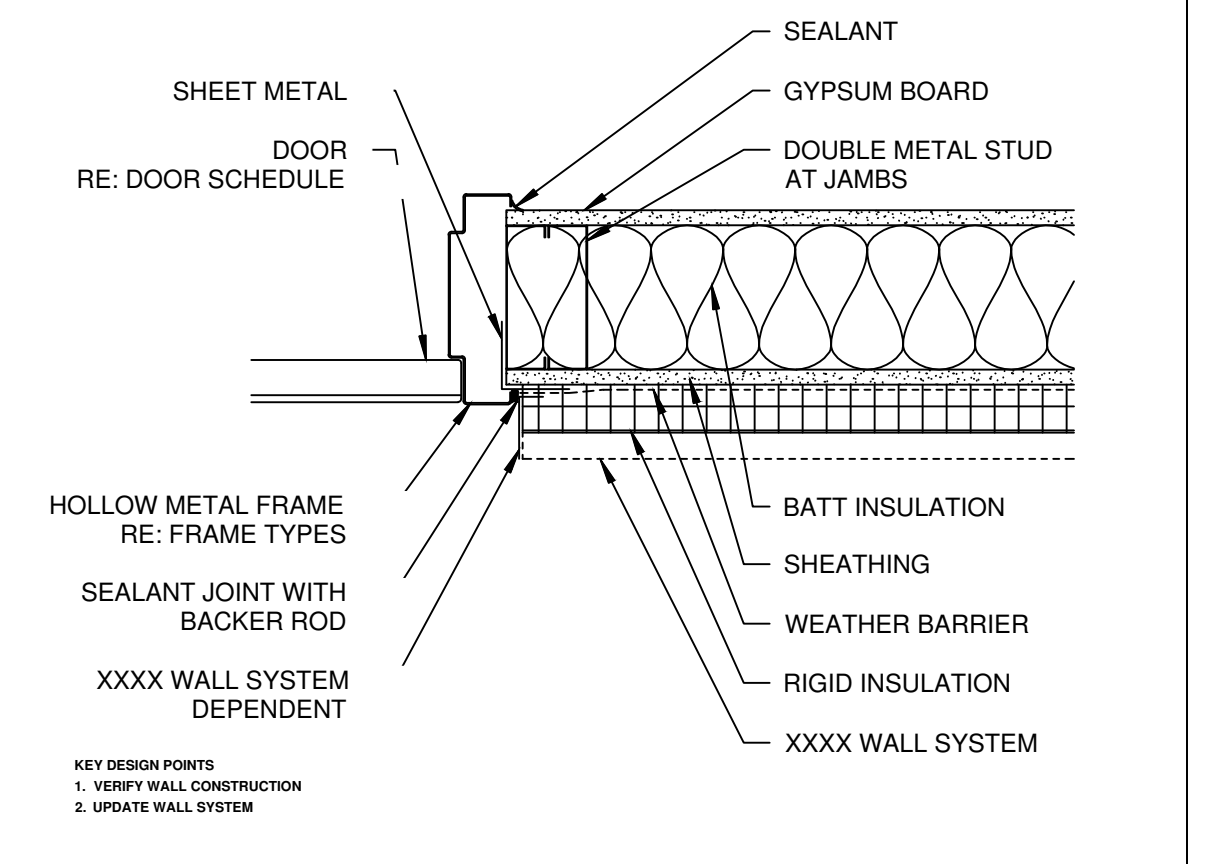
**C4** HEAD DETAIL  
 1 1/2" = 1'-0"



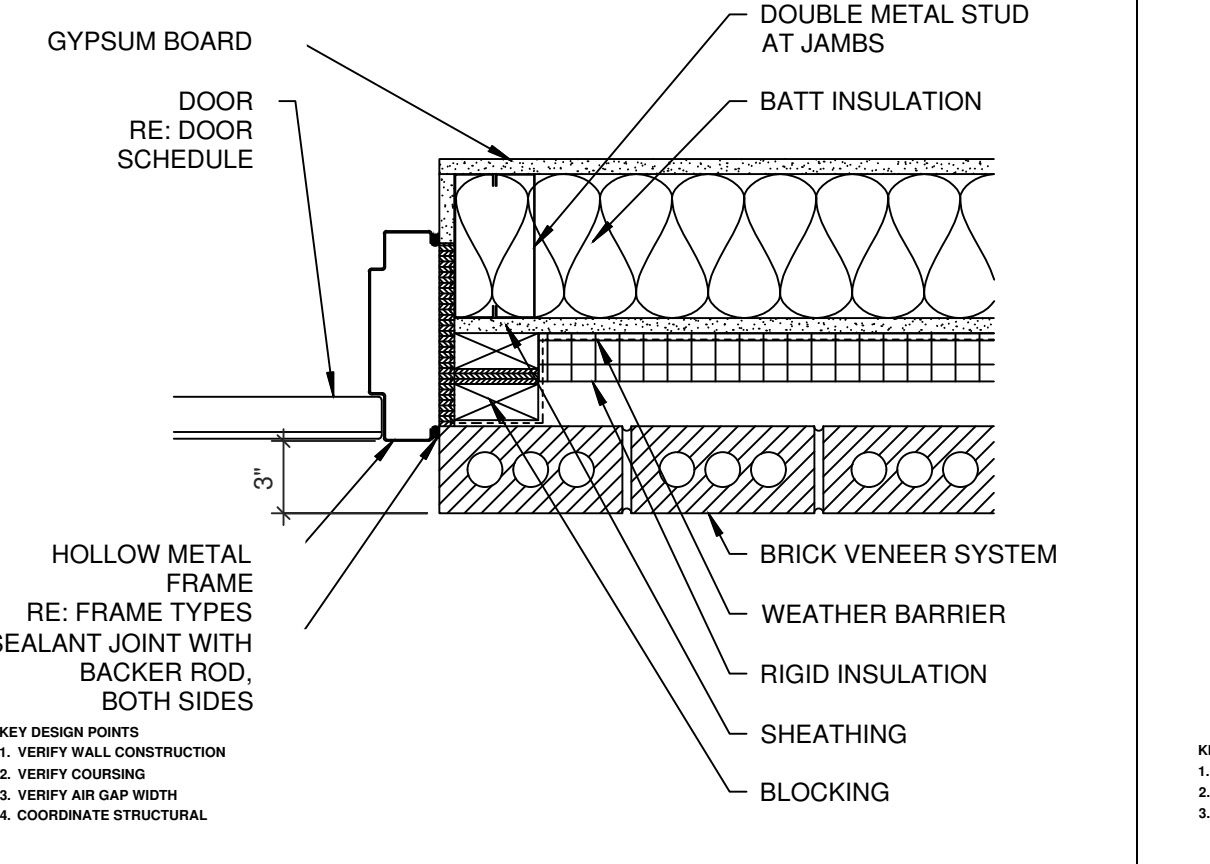
**C5** HEAD DETAIL  
 1 1/2" = 1'-0"



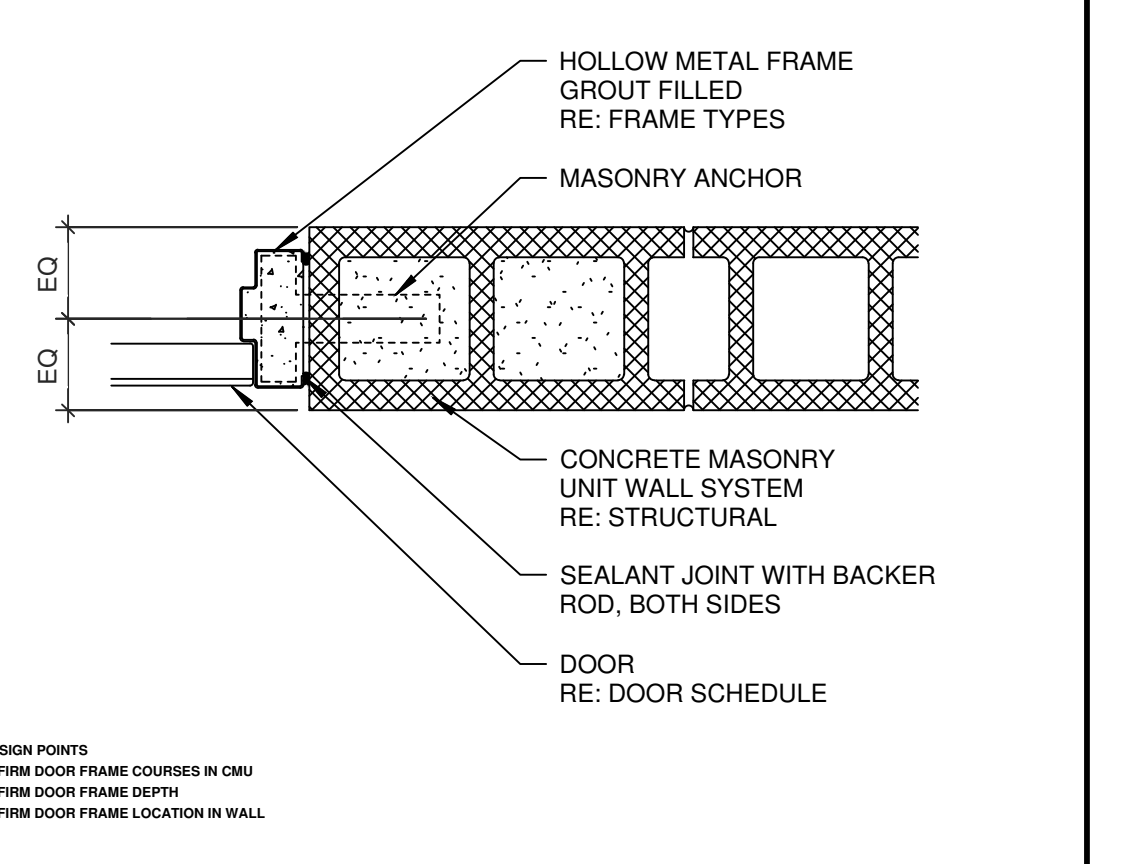
**C6** HEAD DETAIL  
 1 1/2" = 1'-0"



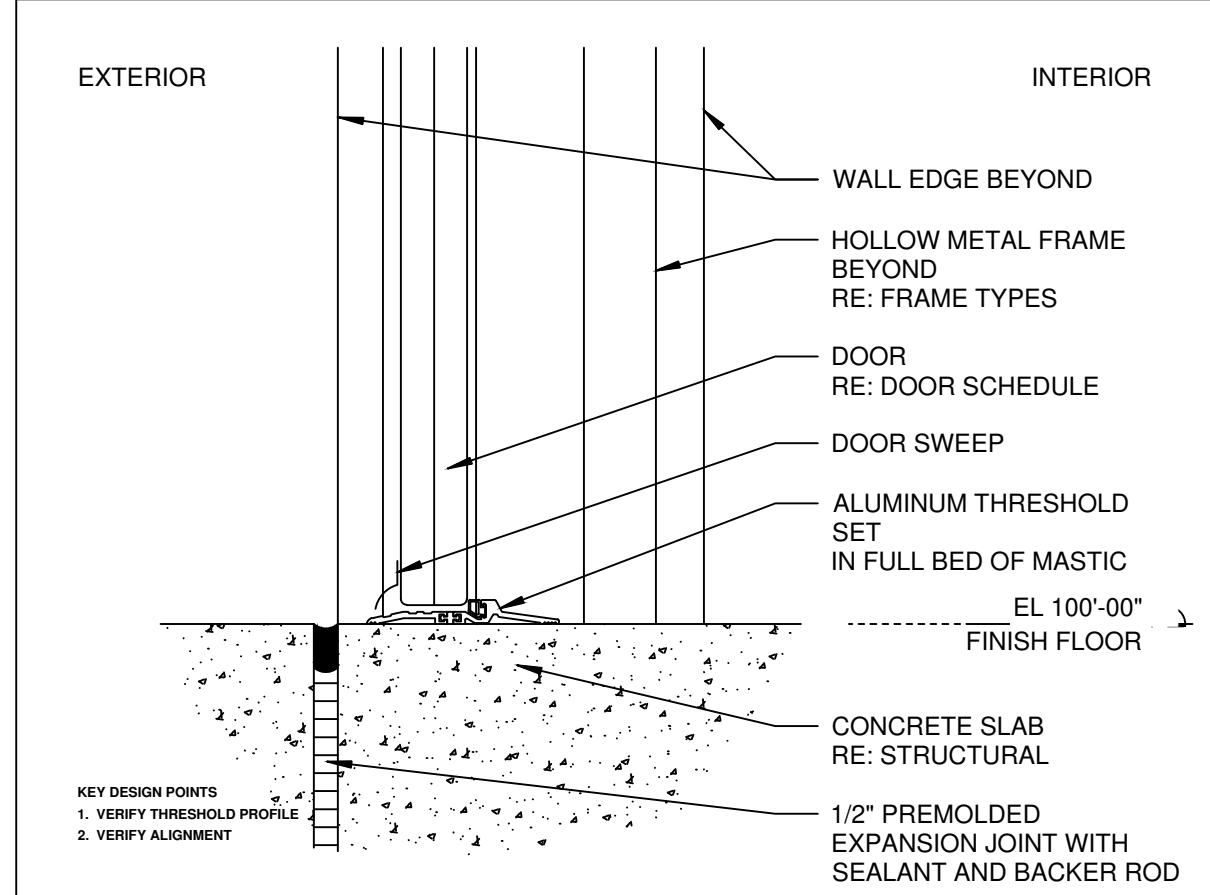
**B4** JAMB DETAIL  
 1 1/2" = 1'-0"



**B5** JAMB DETAIL  
 1 1/2" = 1'-0"



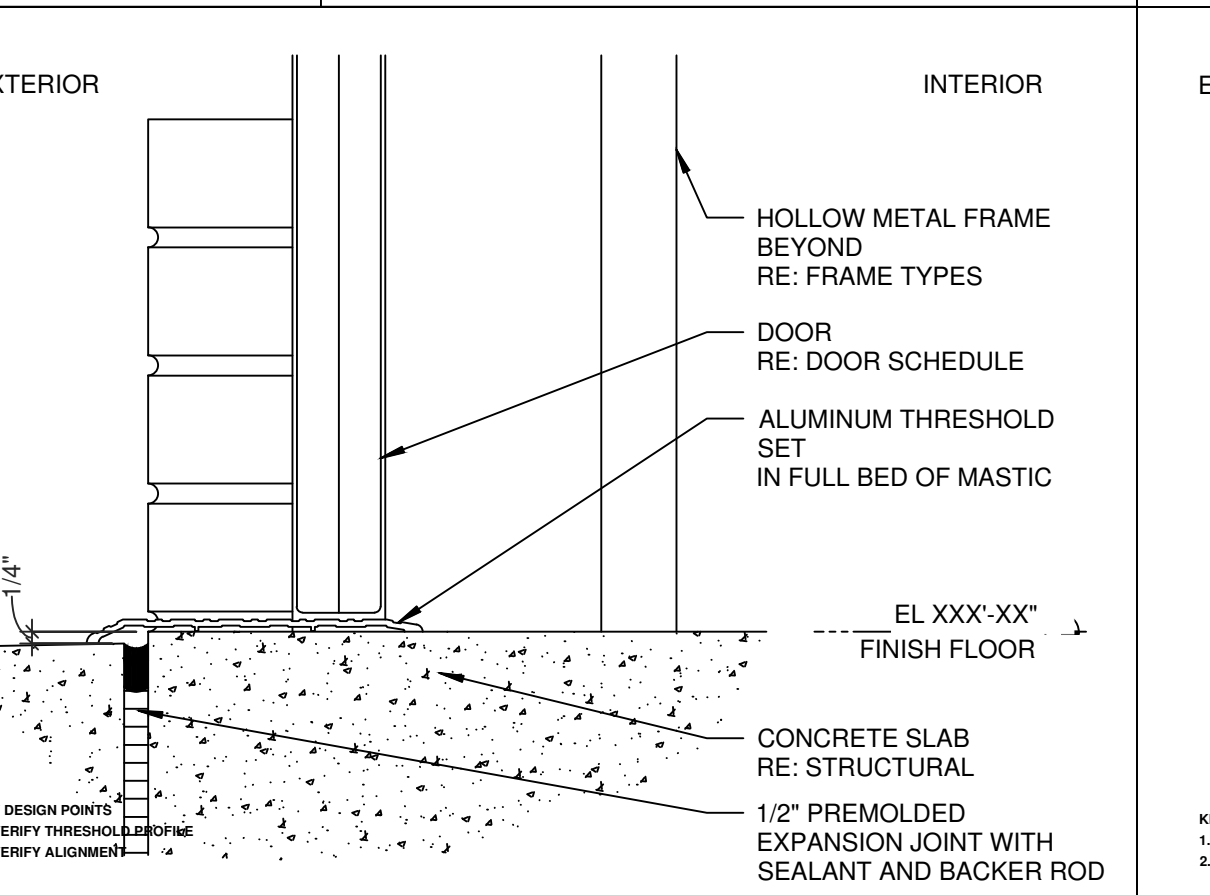
**B6** JAMB DETAIL  
 1 1/2" = 1'-0"



**A2** DETAIL  
 3" = 1'-0"



**A5** DETAIL  
 3" = 1'-0"



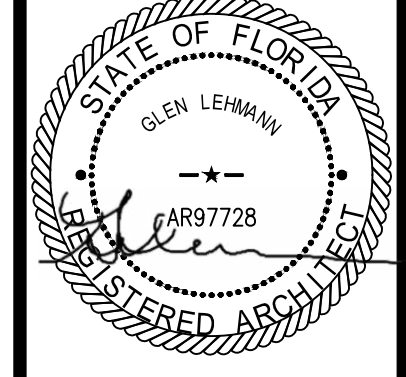
**A6** DETAIL  
 3" = 1'-0"

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**RIB CRIB GEN 6 PROTOTYPE**  
 Location: GATEWAY CROSSING, CENTURION WAY  
 LAKE CITY, FLORIDA 32055  
 Drawing: DOOR DETAILS - EXTERIOR



| Revisions     |             |
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| THRU ADDENDUM | " "         |
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| PROJECT DATE  | 08/12/2022  |
| Drawn By      | CDK         |
| Checked By    | NRD         |
| Sheet No.     | <b>A521</b> |



8/12/22

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: DOOR DETAILS - INTERIOR



Revisions

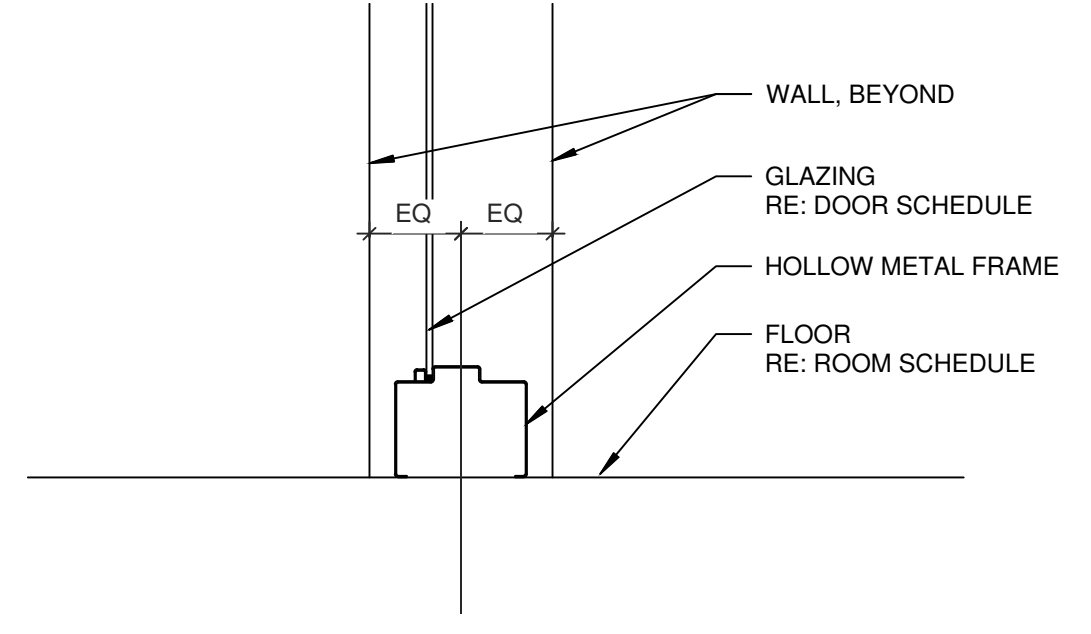
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PROJECT DATE  
08/12/2022

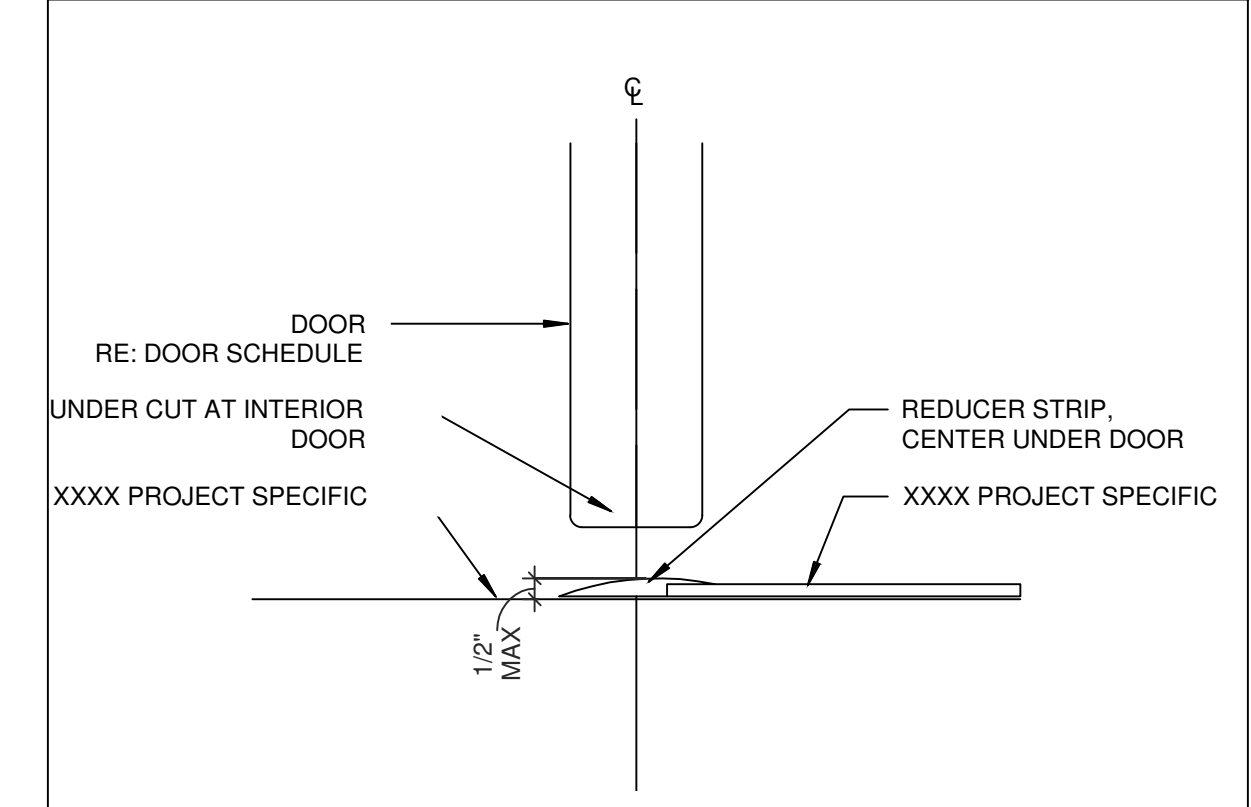
Drawn By  
**CDK**

Checked By  
**NRD**

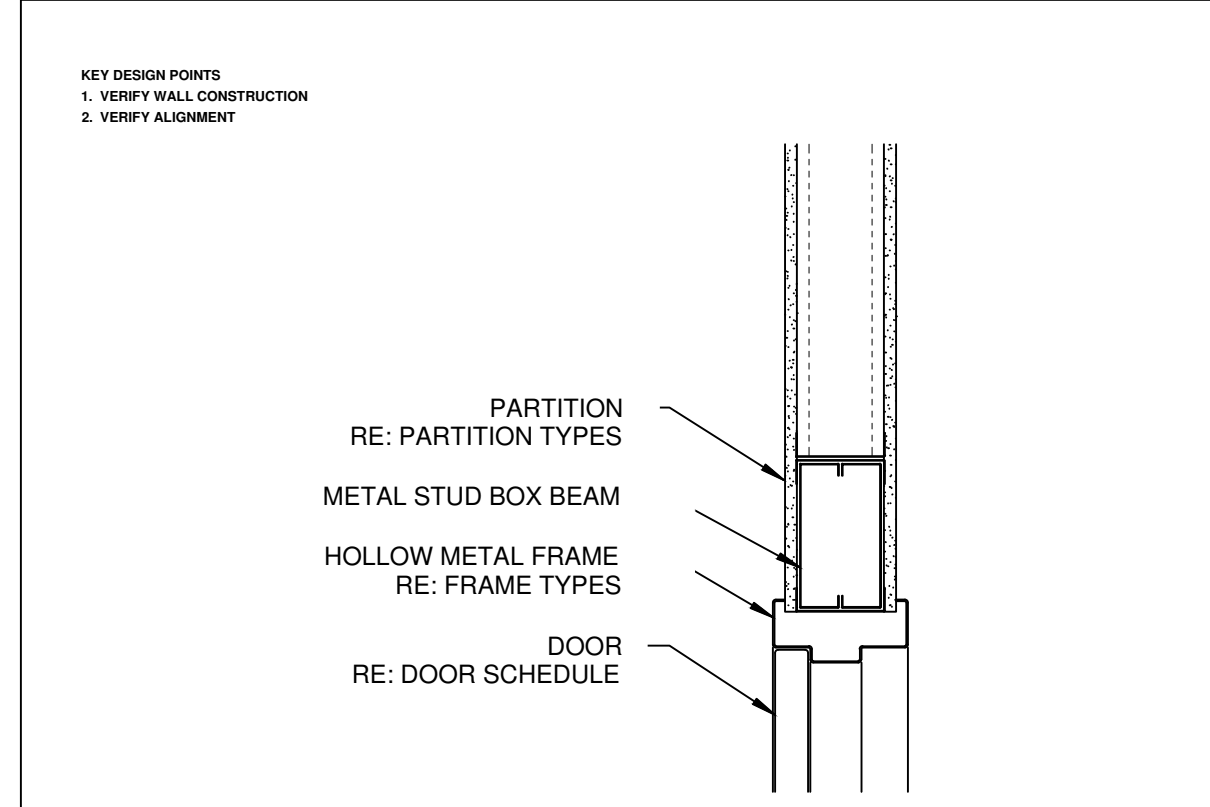
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**A522**



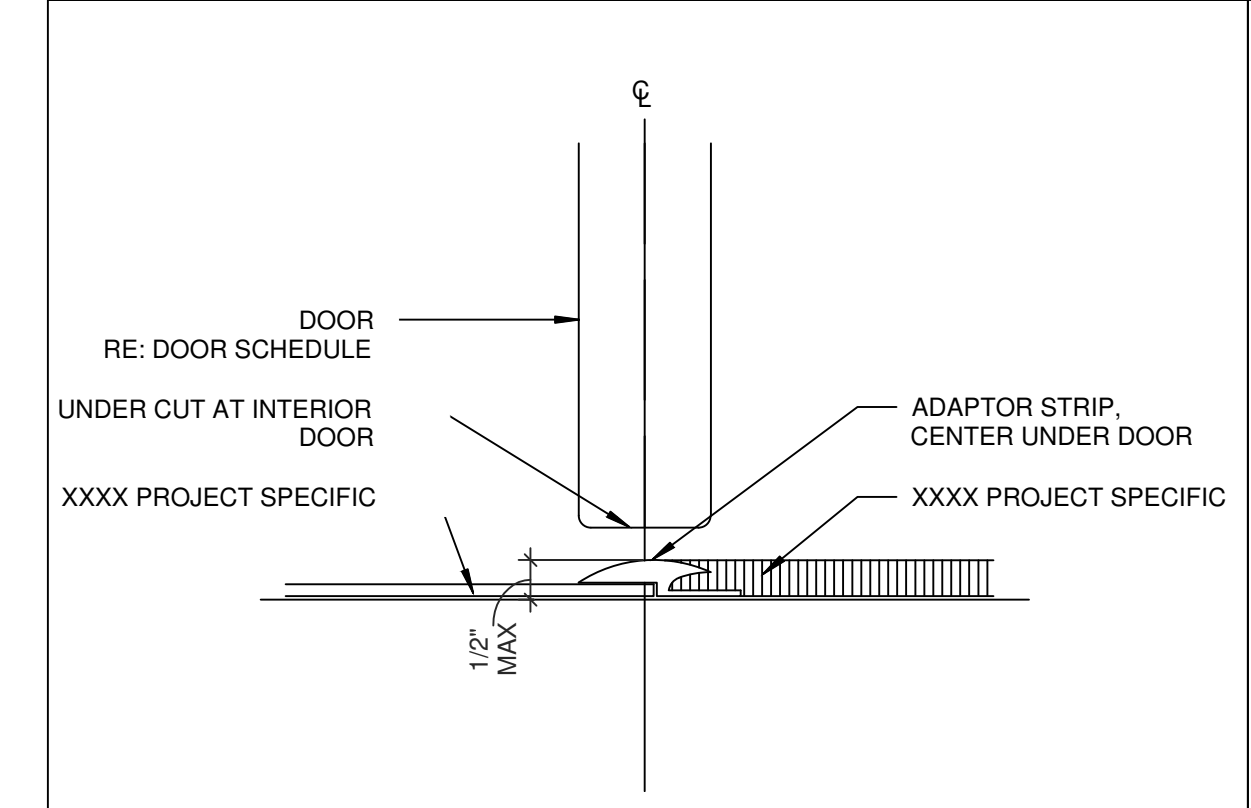
**E2** DETAIL  
1 1/2" = 1'-0"



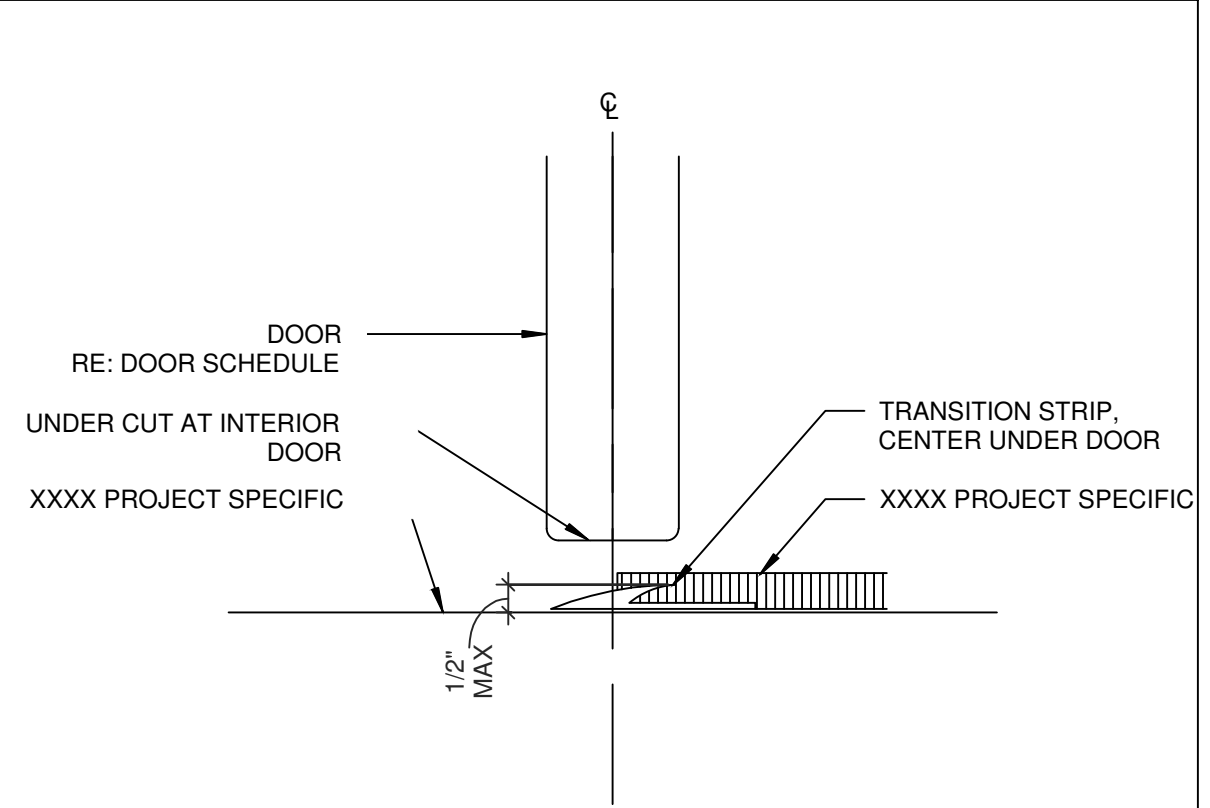
**C2** TRANSITION DETAIL  
6" = 1'-0"



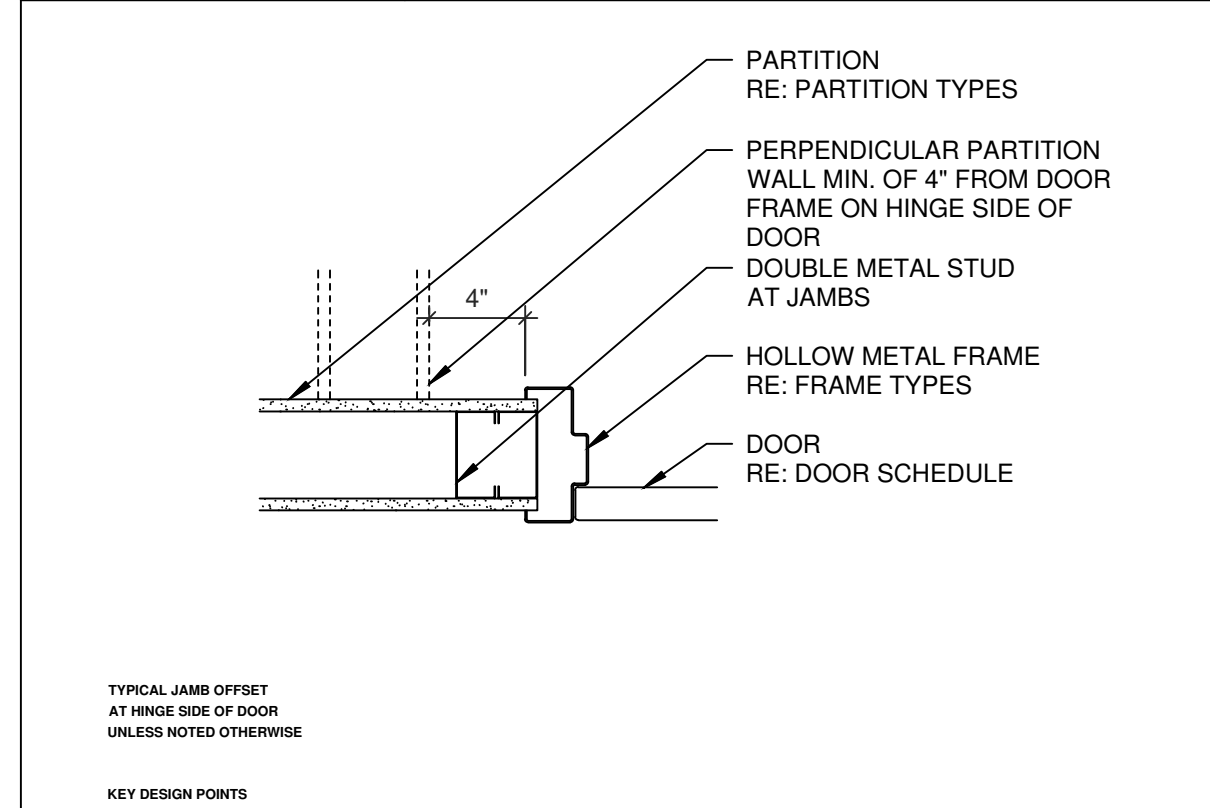
**C5** HEAD DETAIL  
1 1/2" = 1'-0"



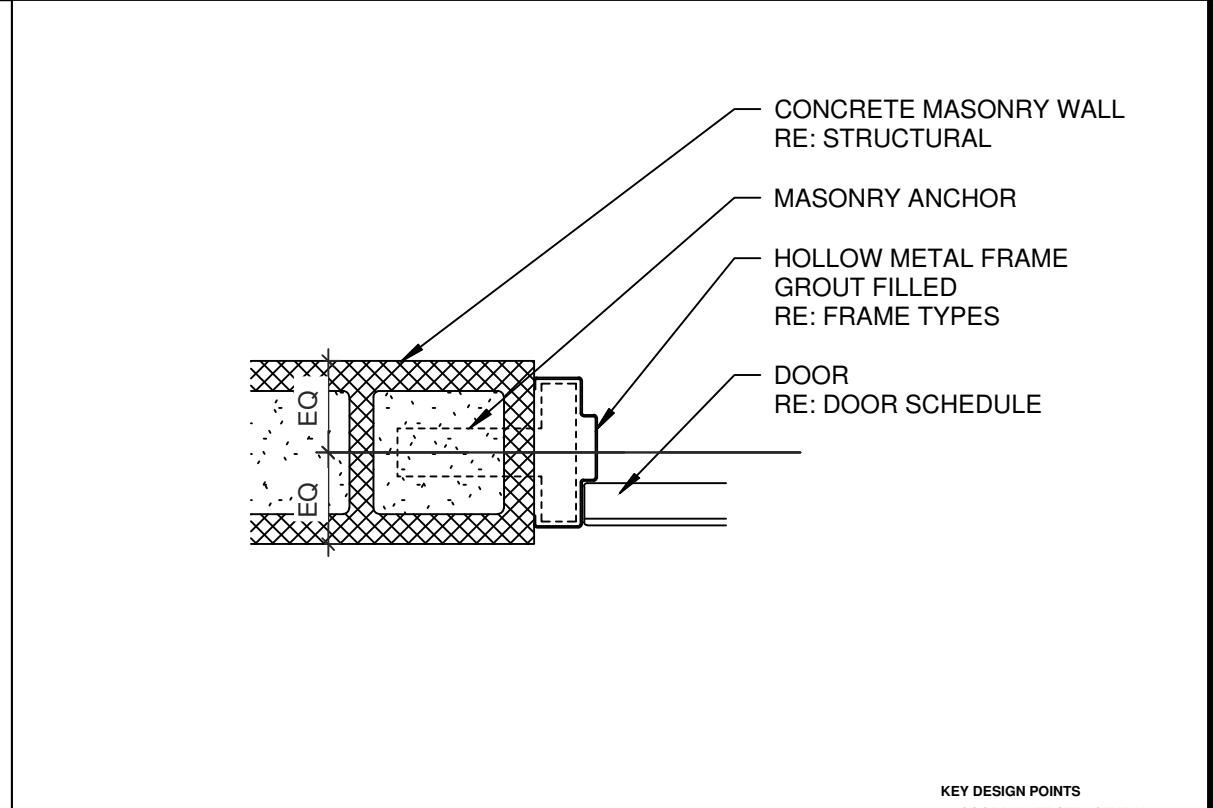
**B2** TRANSITION DETAIL  
6" = 1'-0"



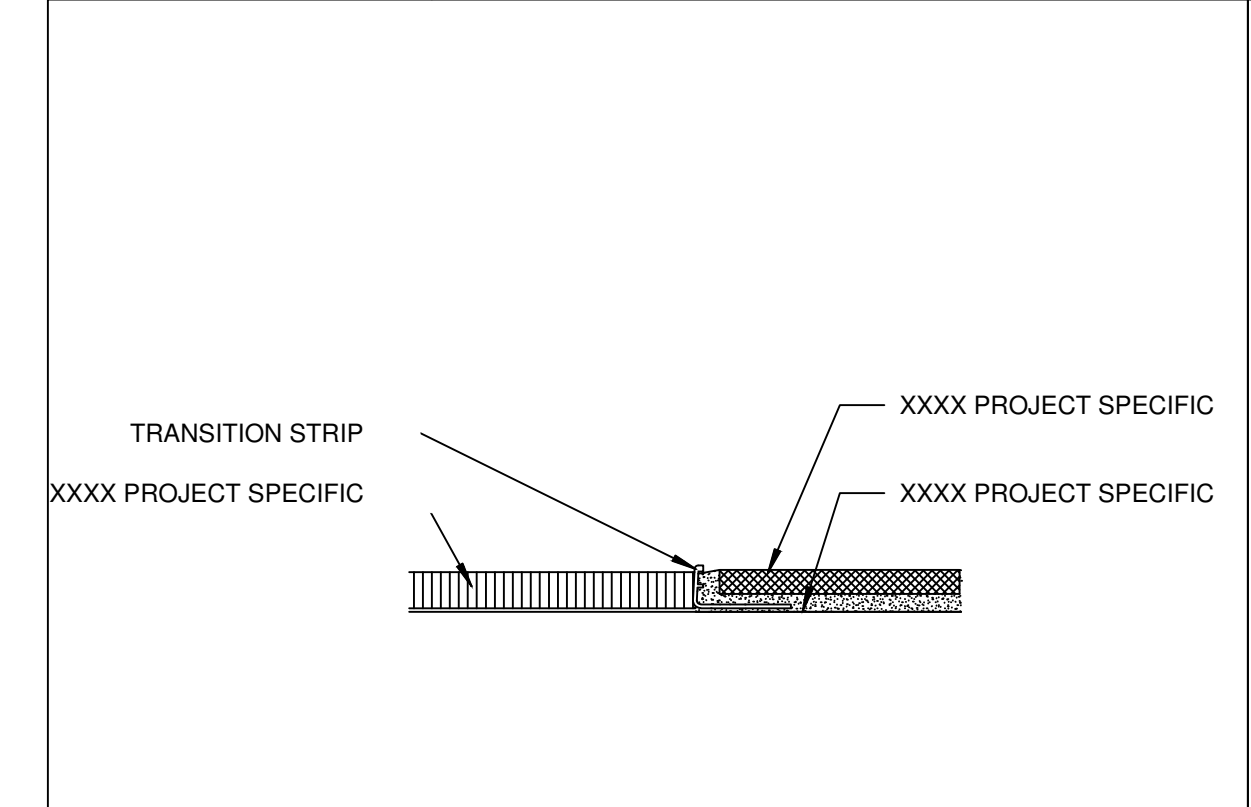
**B3** TRANSITION DETAIL  
6" = 1'-0"



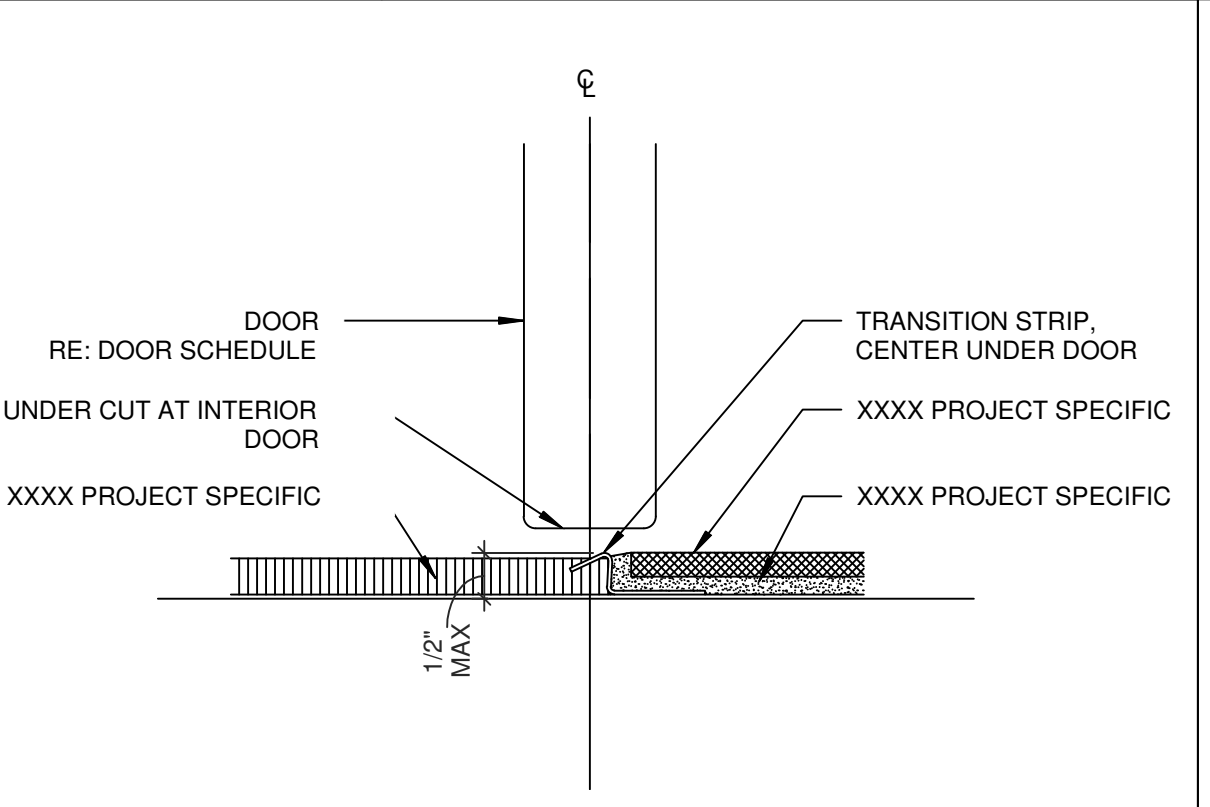
**B5** JAMB DETAIL  
1 1/2" = 1'-0"



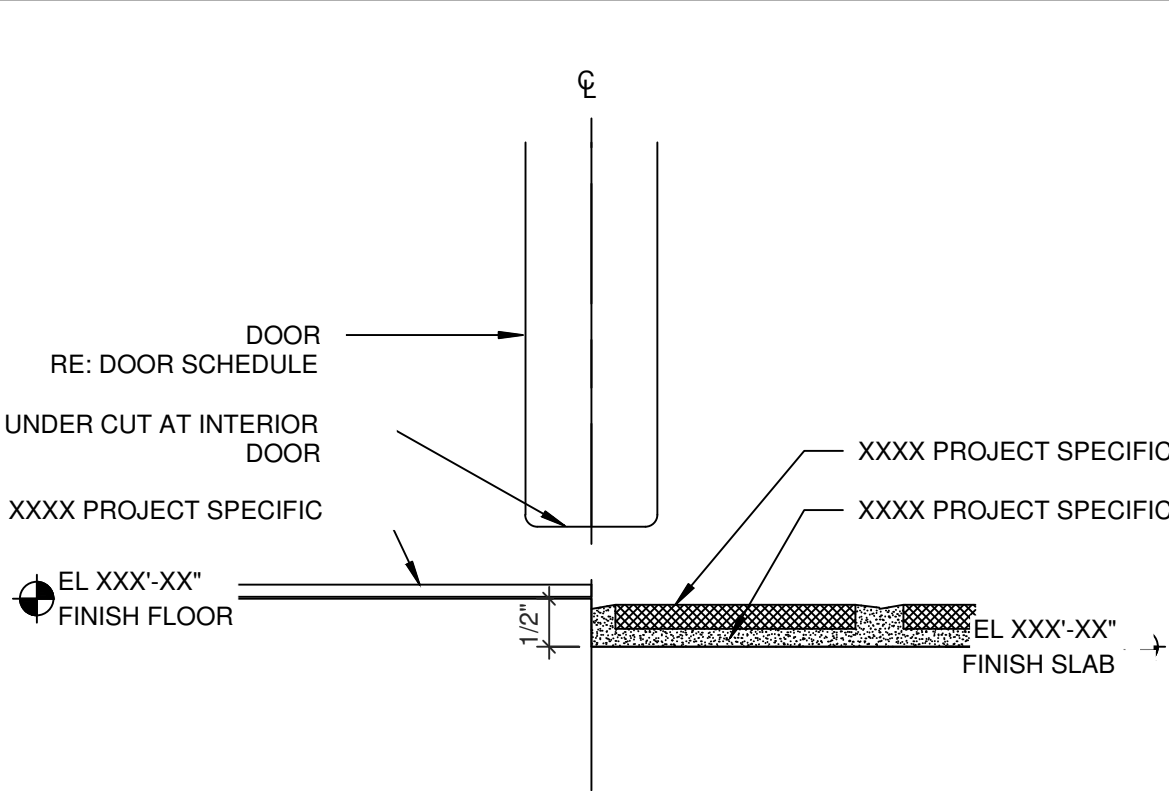
**B6** JAMB DETAIL  
1 1/2" = 1'-0"



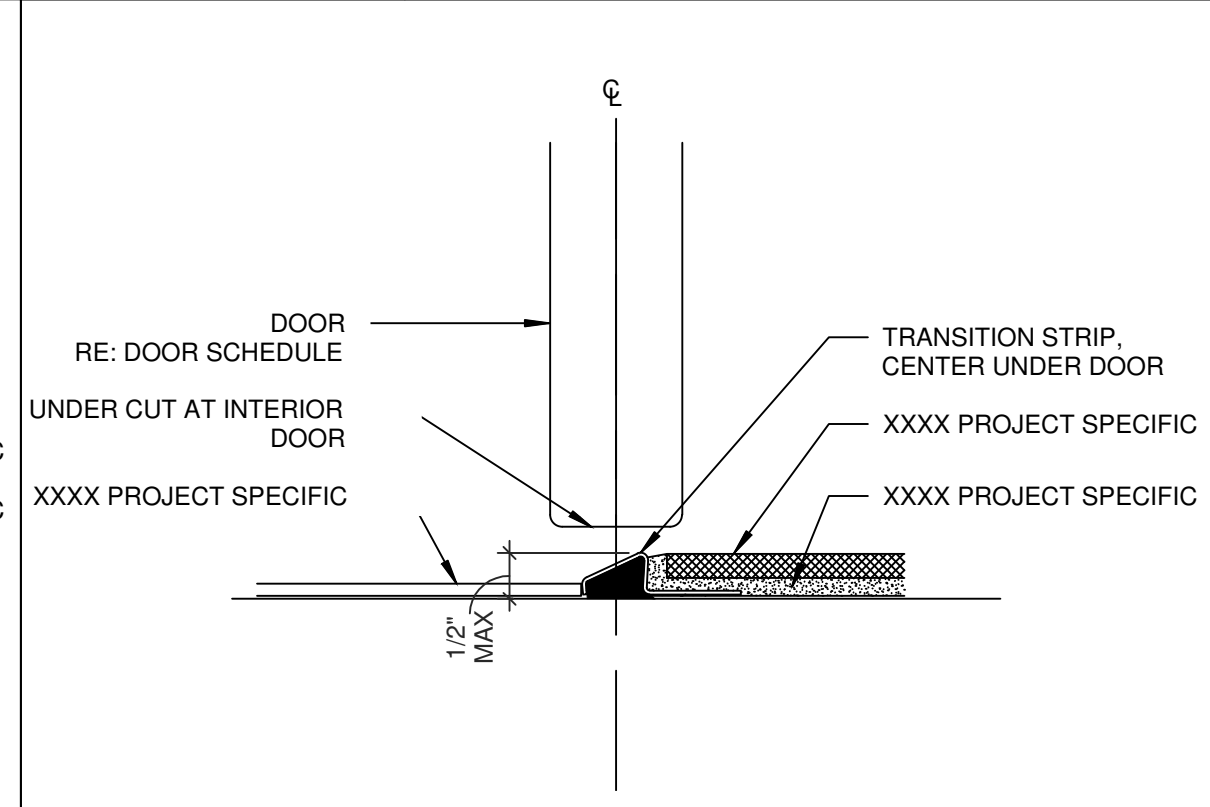
**A2** TRANSITION DETAIL  
6" = 1'-0"



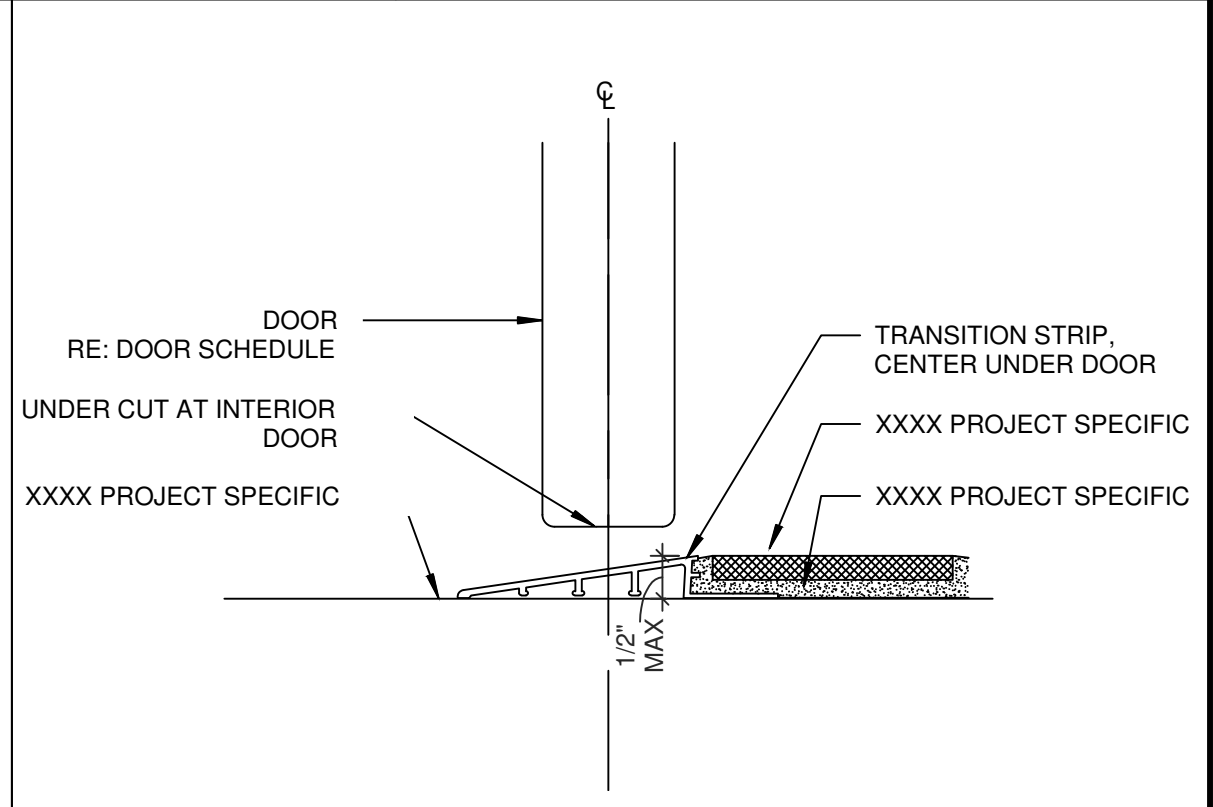
**A3** TRANSITION DETAIL  
6" = 1'-0"



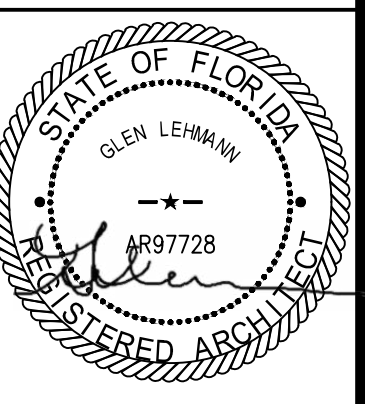
**A4** TRANSITION DETAIL  
6" = 1'-0"



**A5** TRANSITION DETAIL  
6" = 1'-0"



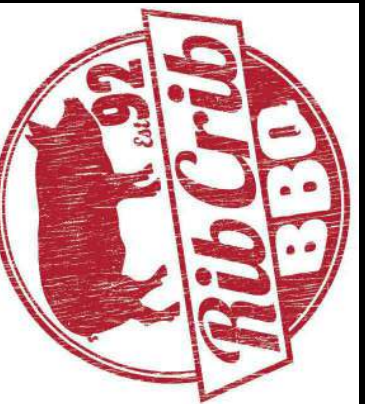
**A6** TRANSITION DETAIL  
6" = 1'-0"



8/12/22

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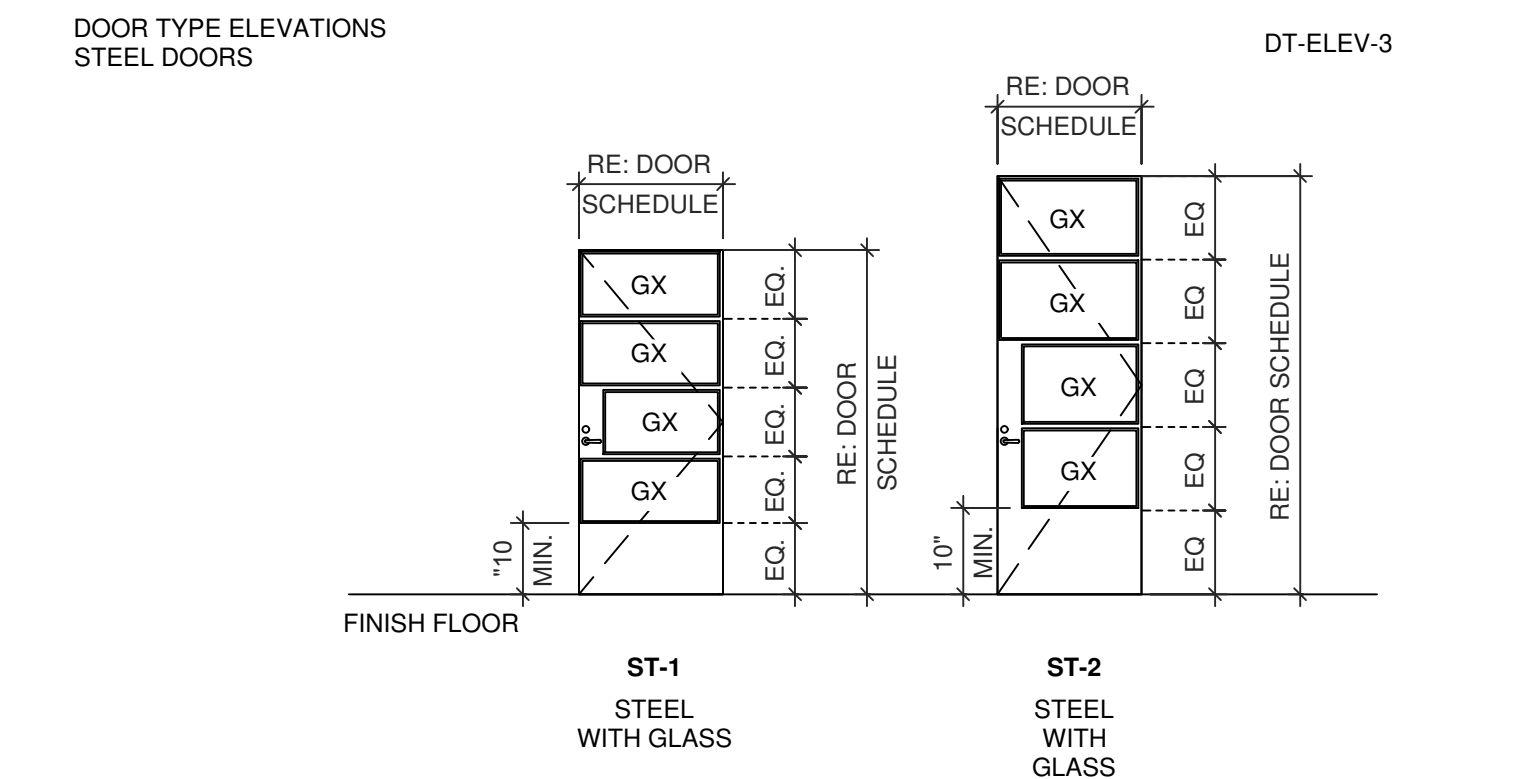
**RIB CRIB GEN 6 PROTOTYPE**  
 Location: GATEWAY CROSSING, CENTURION WAY  
 LAKE CITY, FLORIDA 32055  
 Drawing: DOOR TYPES



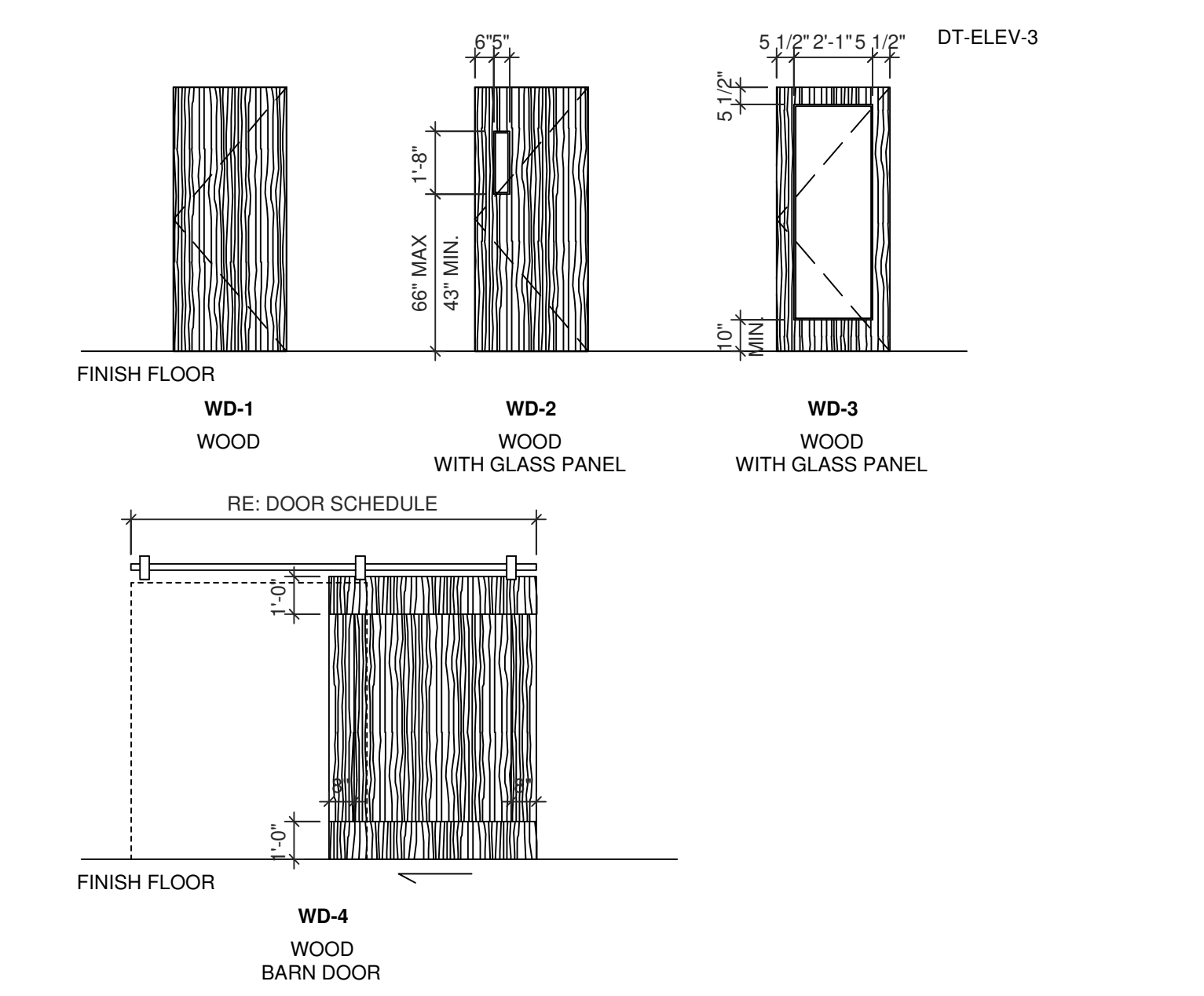
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PROJECT DATE  
 08/12/2022  
 Drawn By  
**CDK**  
 Checked By  
**NRD**  
 Sheet No.

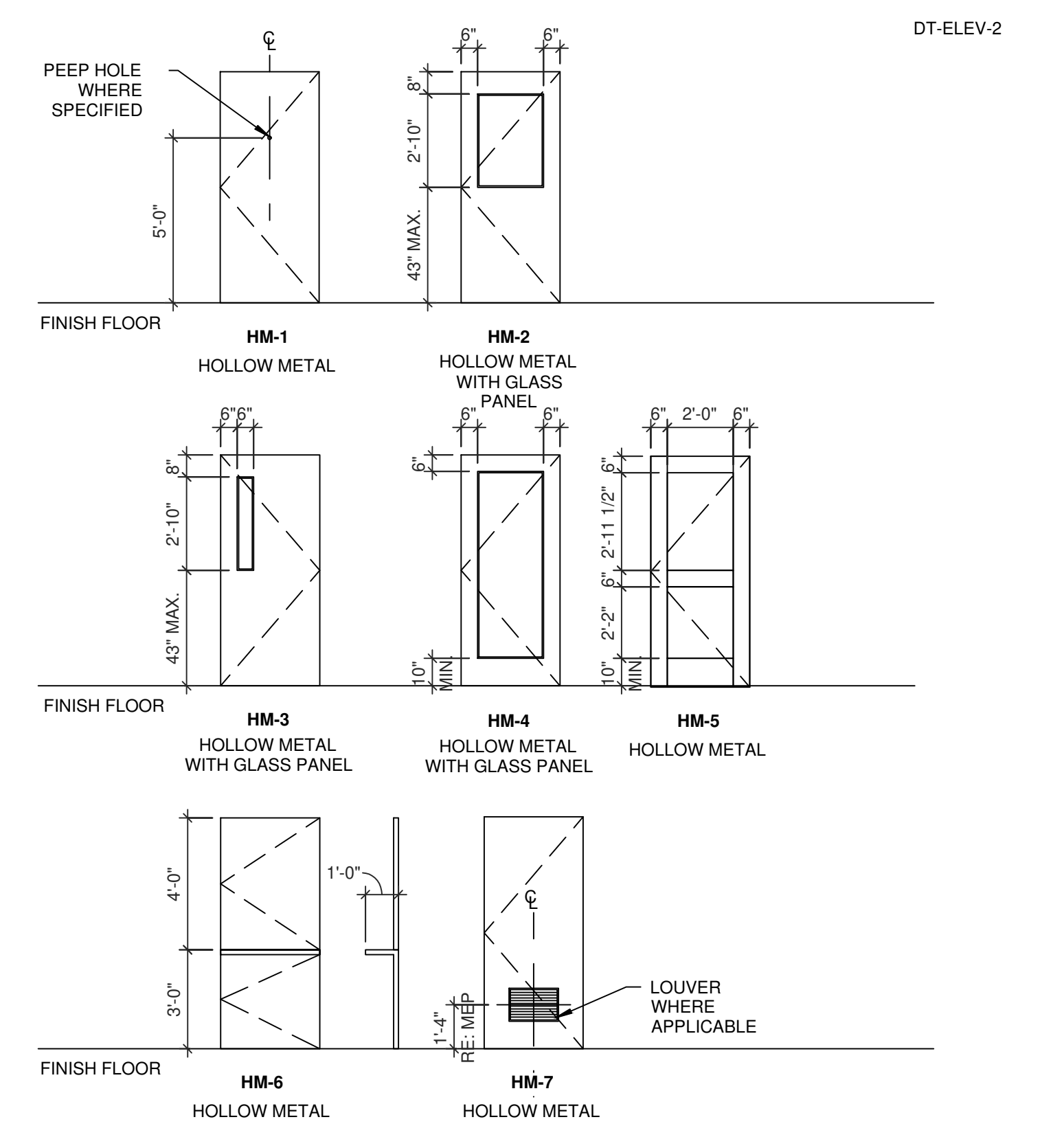
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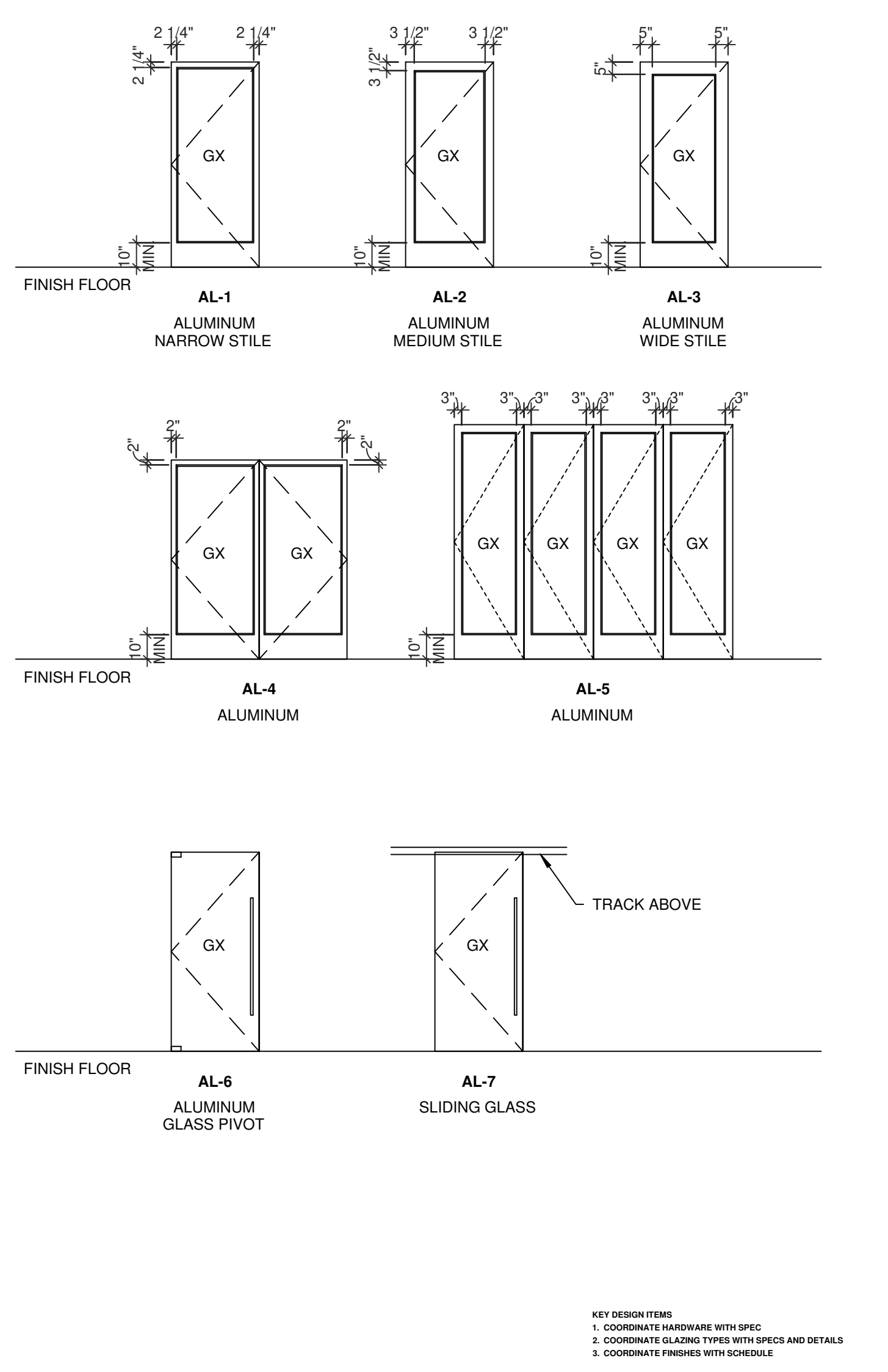
**C5** DOOR ELEVATIONS - STEEL  
 1/4" = 1'-0"



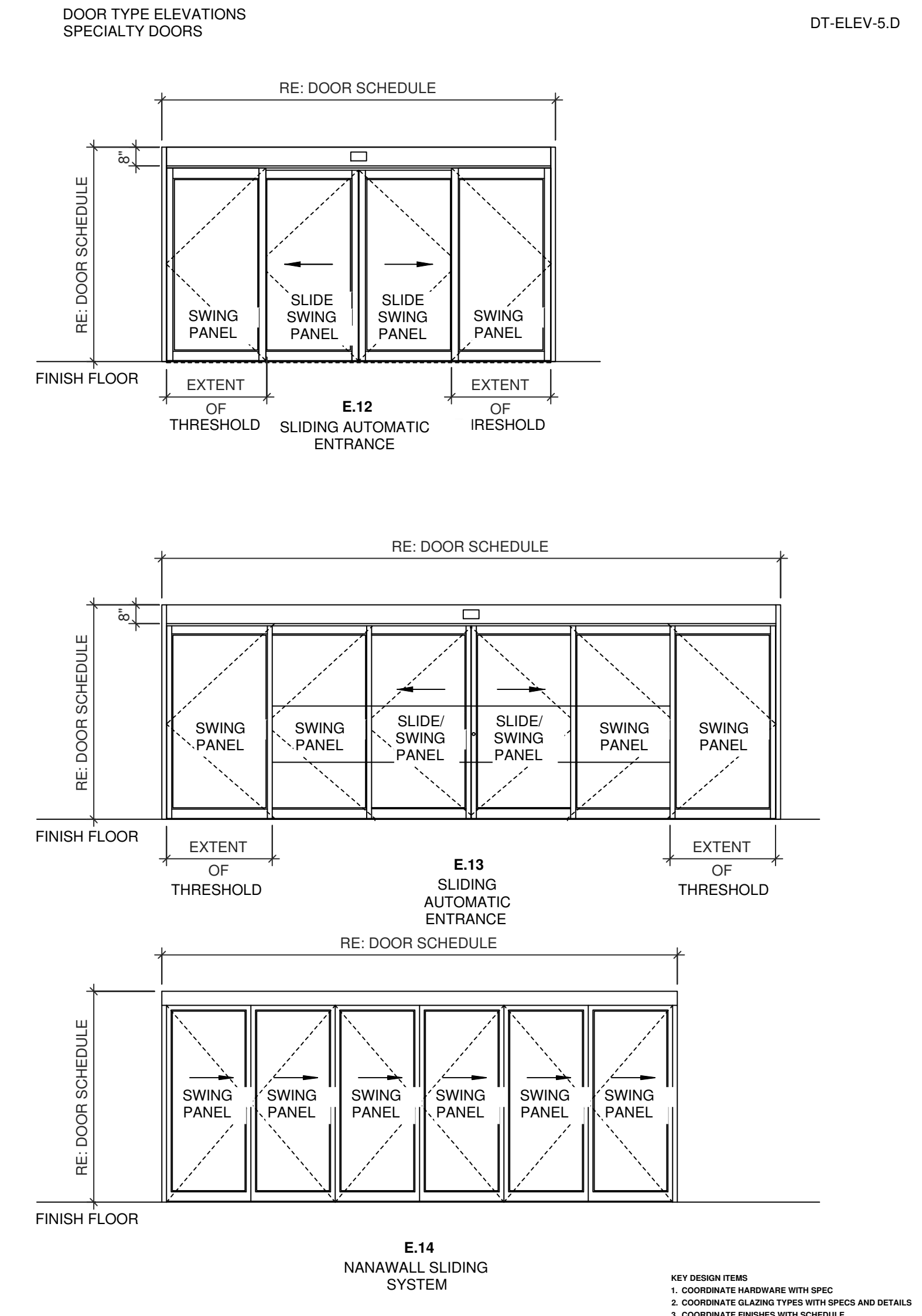
**C4** DOOR ELEVATIONS - WOOD  
 1/4" = 1'-0"



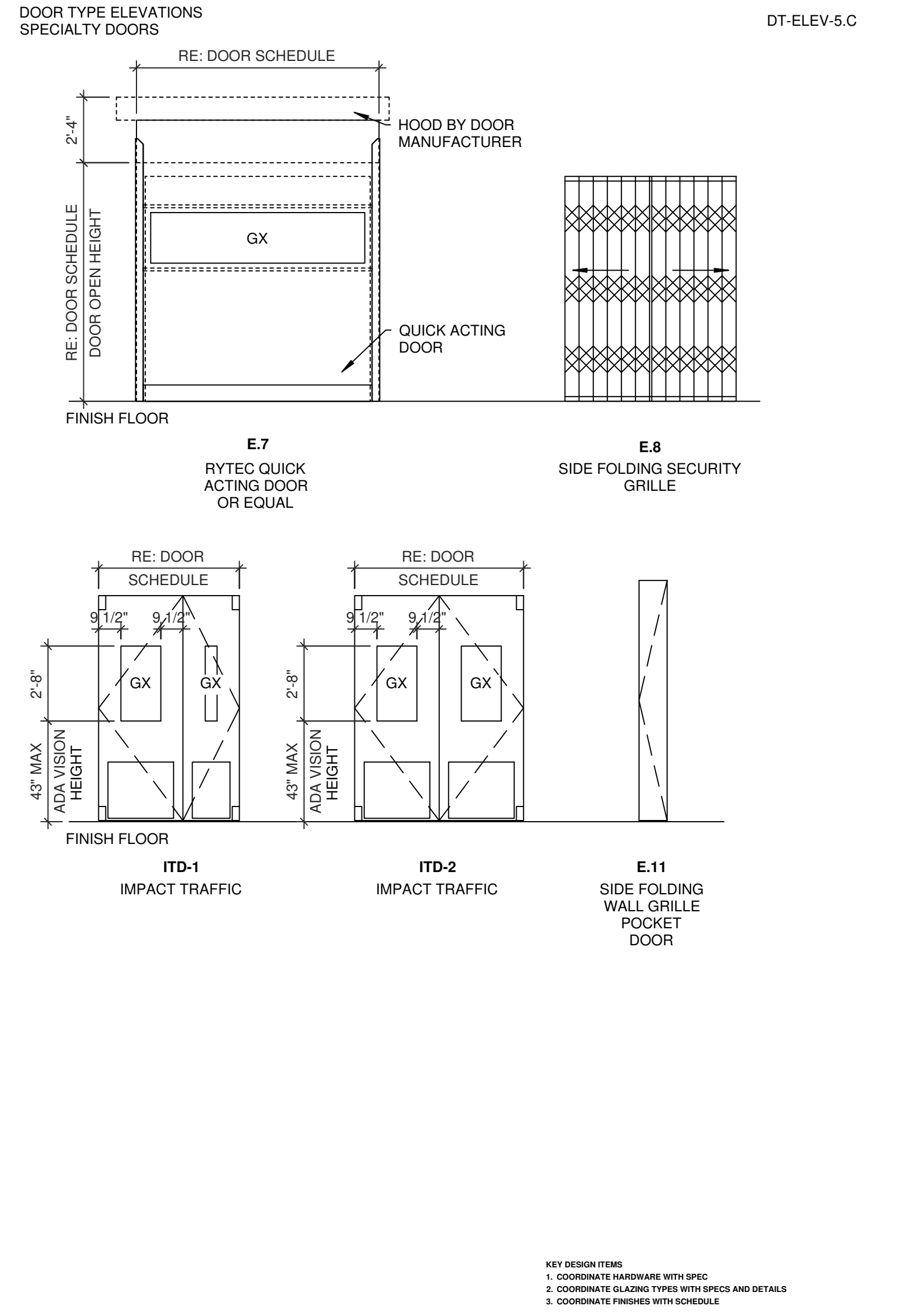
**C2** DOOR ELEVATIONS - HOLLOW METAL  
 1/4" = 1'-0"



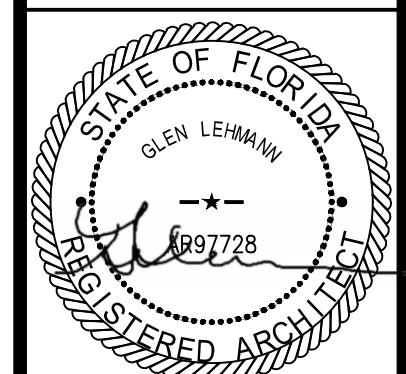
**C1** DOOR ELEVATION - ALUMINUM  
 1/4" = 1'-0"



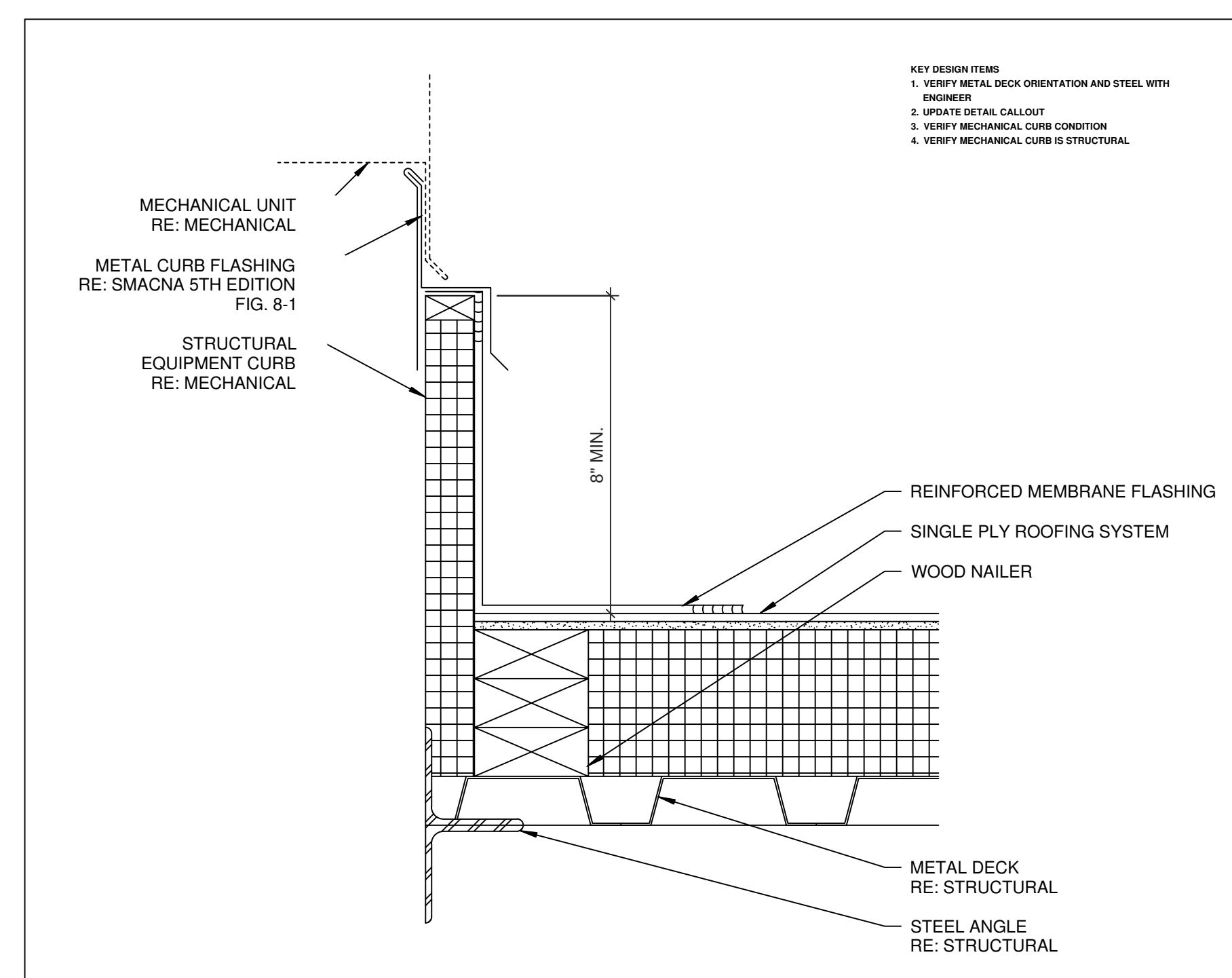
**A5** DOOR ELEVATIONS - SLIDER  
 1/4" = 1'-0"



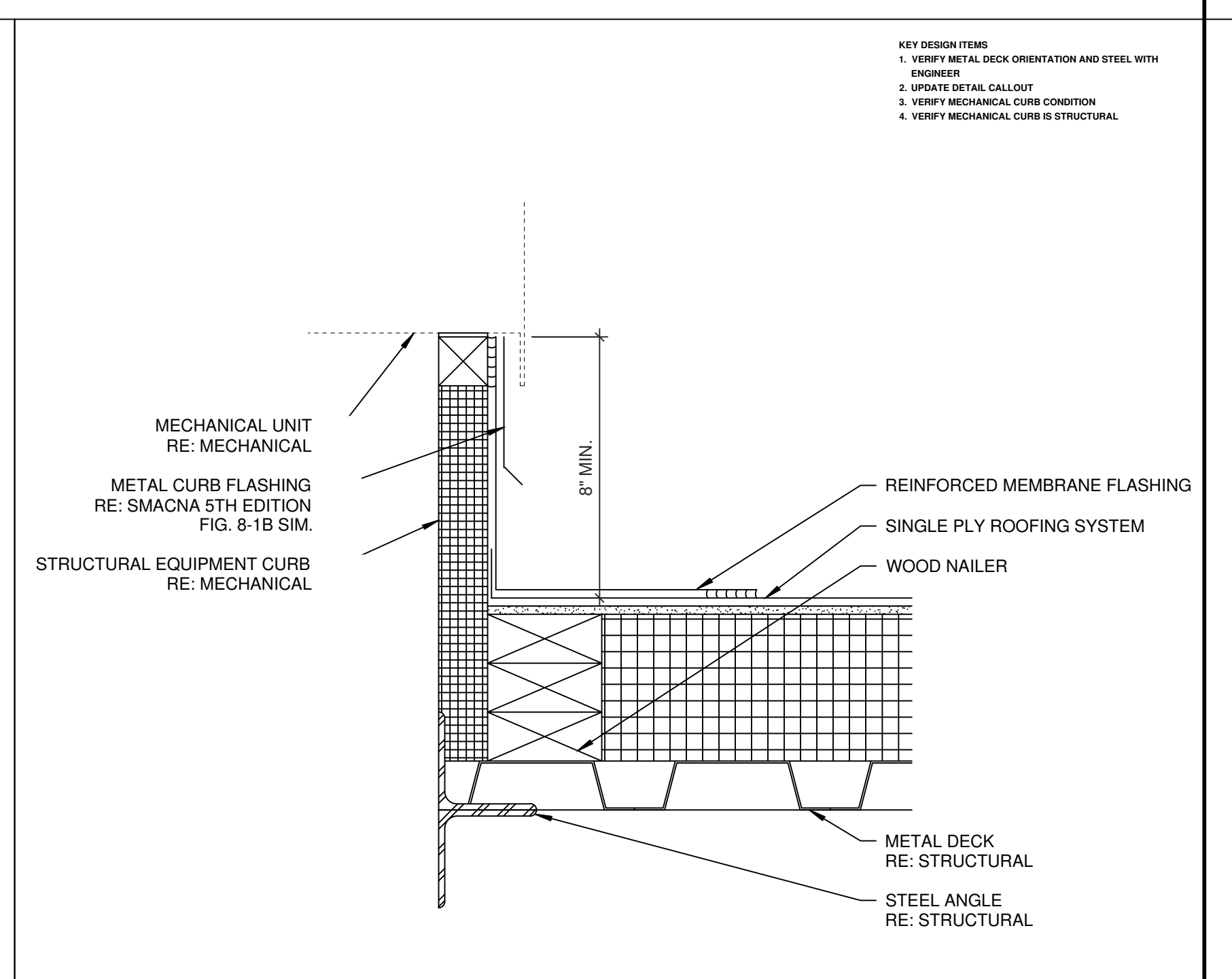
**A4** DOOR ELEVATIONS - PLASTIC  
 1/4" = 1'-0"



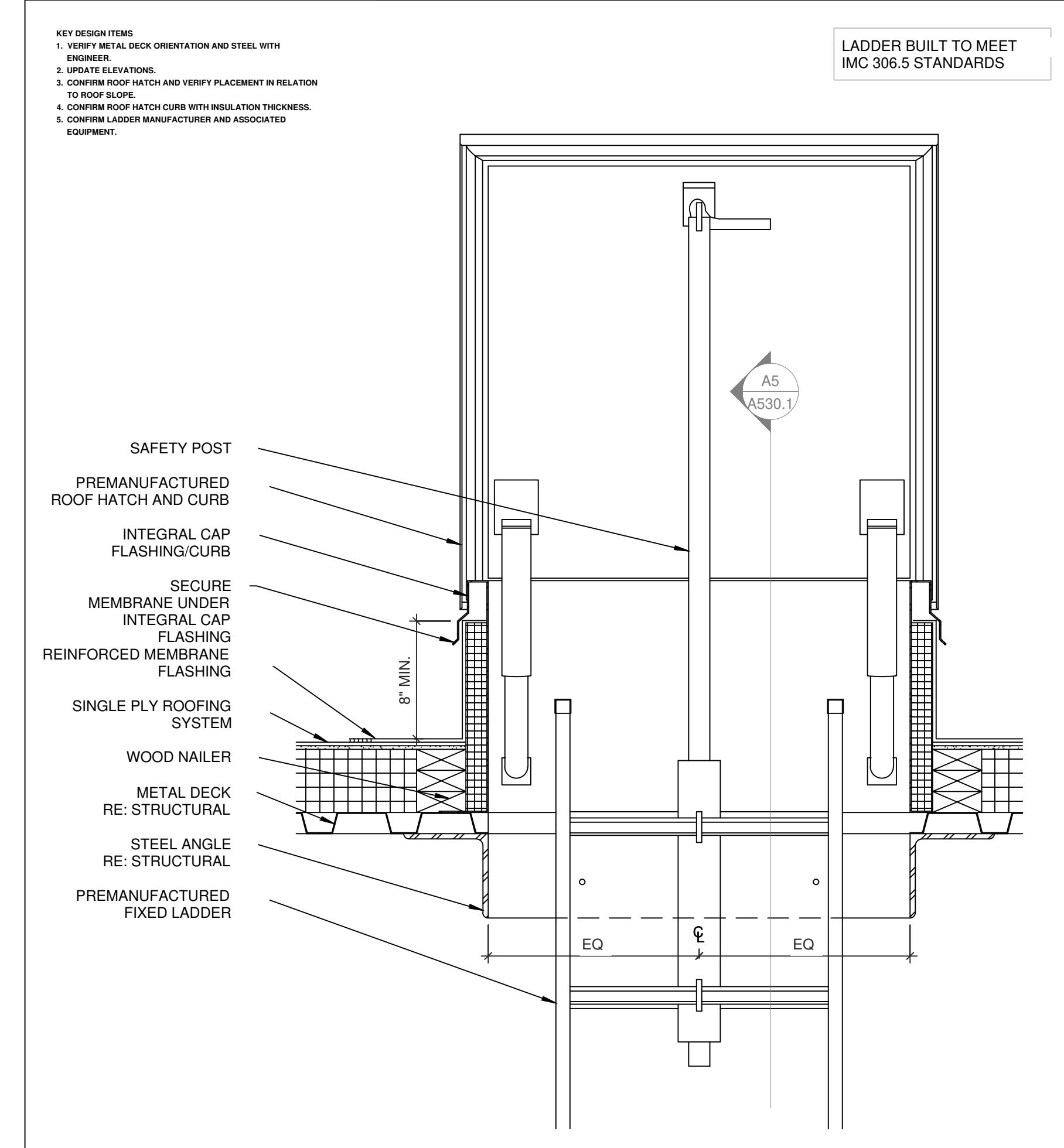
8/12/22



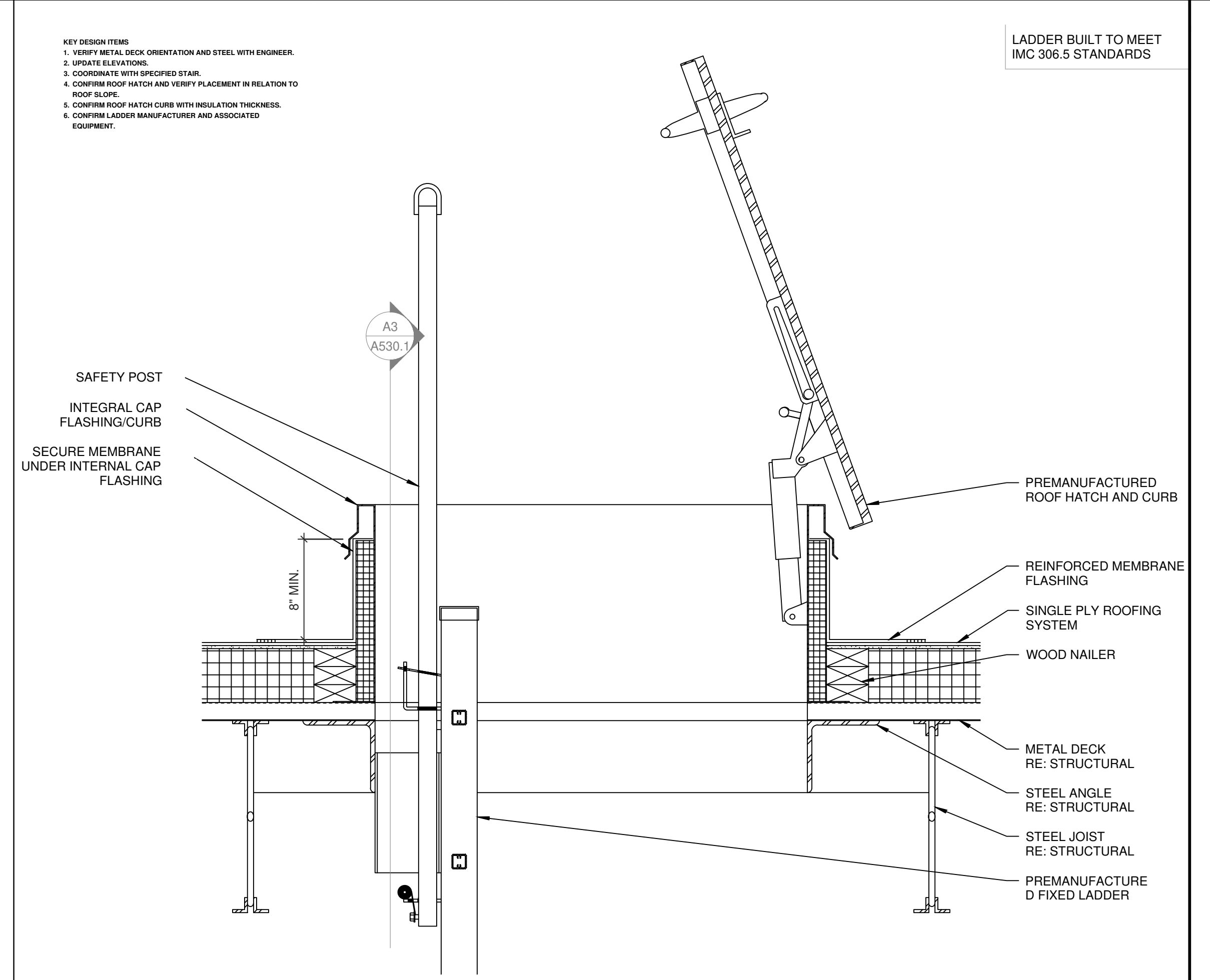
**C4** EQUIPMENT CURB SECTION DETAIL  
3" = 1'-0"



**C5** EQUIPMENT CURB SECTION DETAIL  
3" = 1'-0"



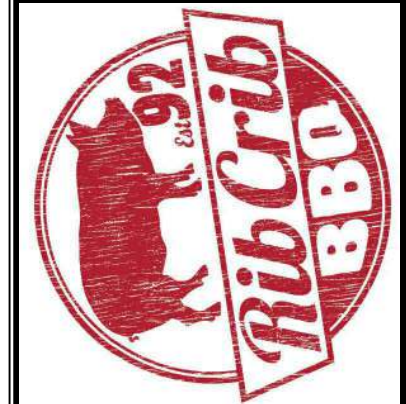
**A3** ROOF HATCH SECTION DETAIL  
1 1/2" = 1'-0"



**A5** ROOF HATCH SECTION DETAIL  
1 1/2" = 1'-0"

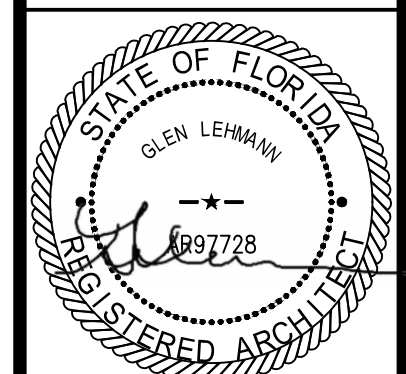
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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: ROOF PENETRATION DETAILS  
SINGLE PLY ROOF

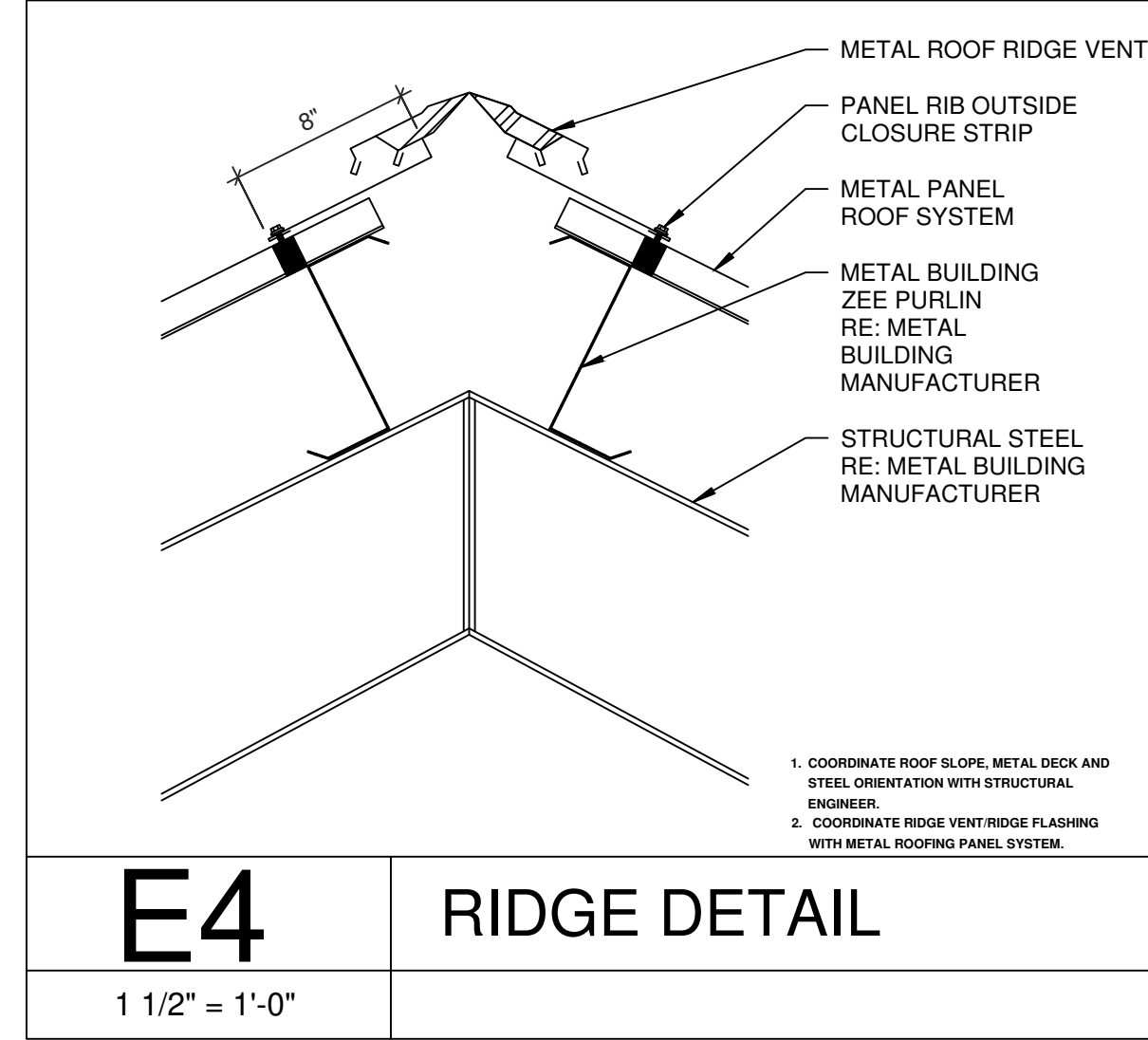


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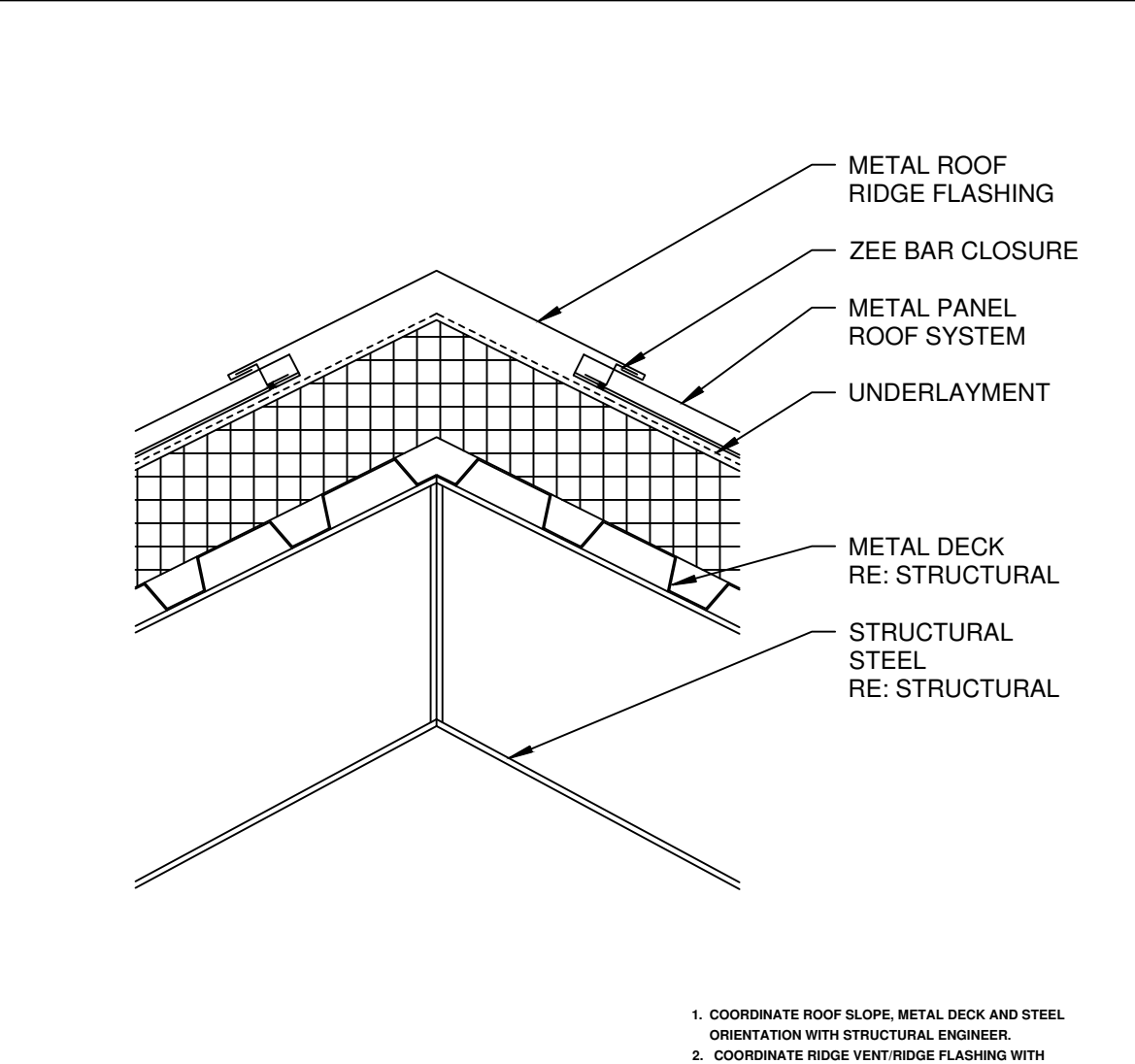
PROJECT DATE  
08/12/2022  
Drawn By  
**CDK**  
Checked By  
**NRD**  
Sheet No.  
**A530**



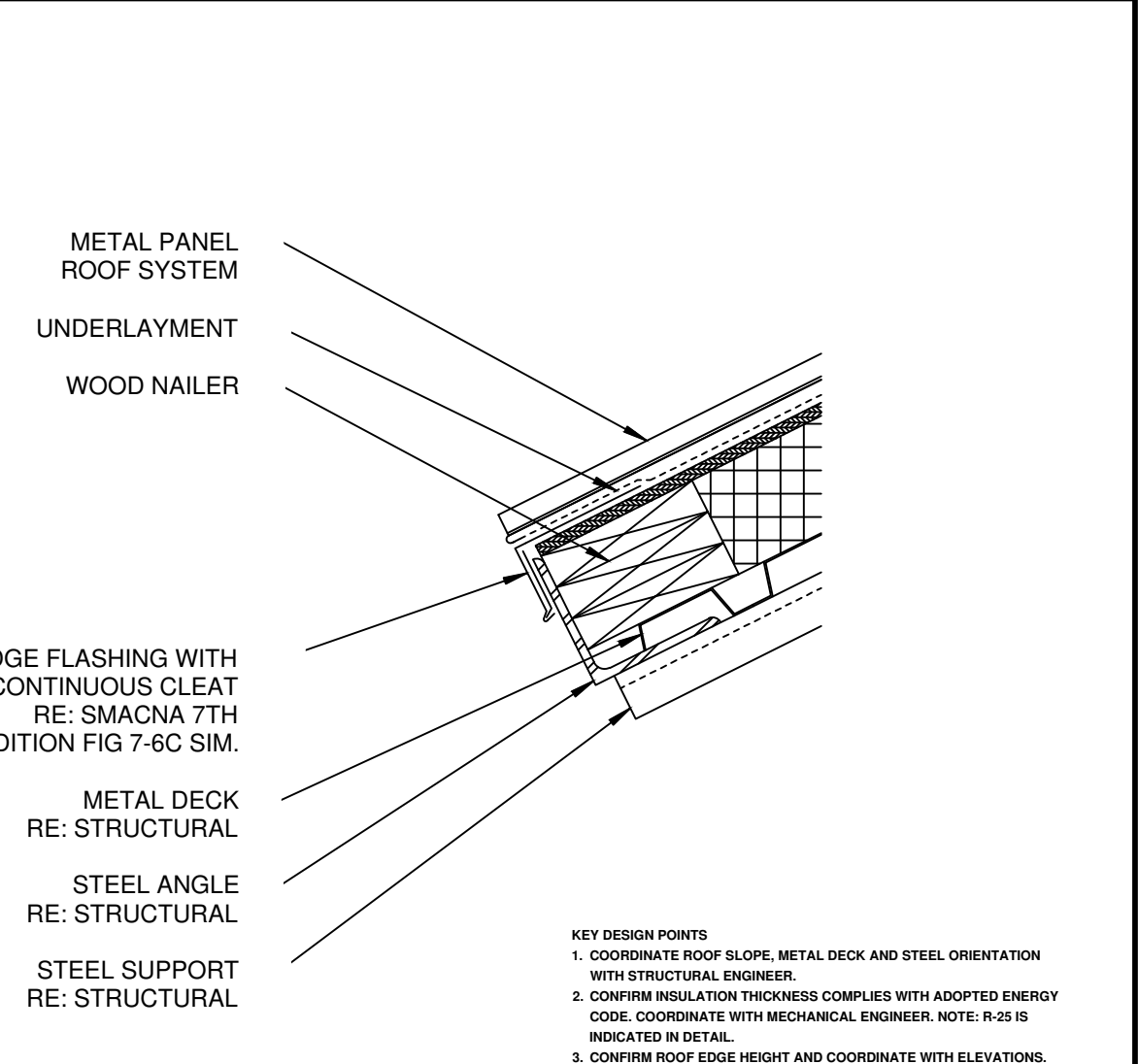
8/12/22



**E4** RIDGE DETAIL  
1 1/2" = 1'-0"



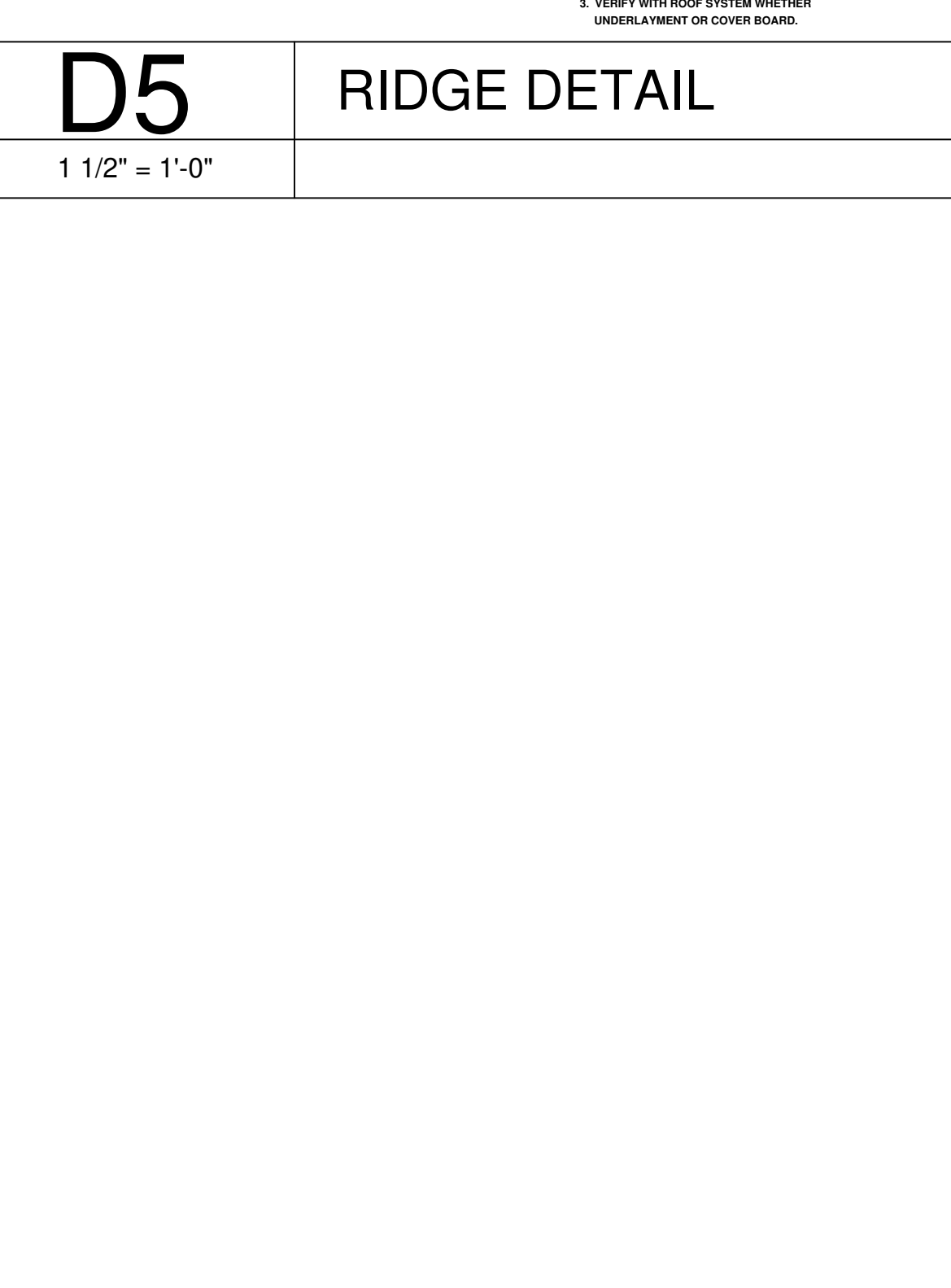
**D5** RIDGE DETAIL  
1 1/2" = 1'-0"



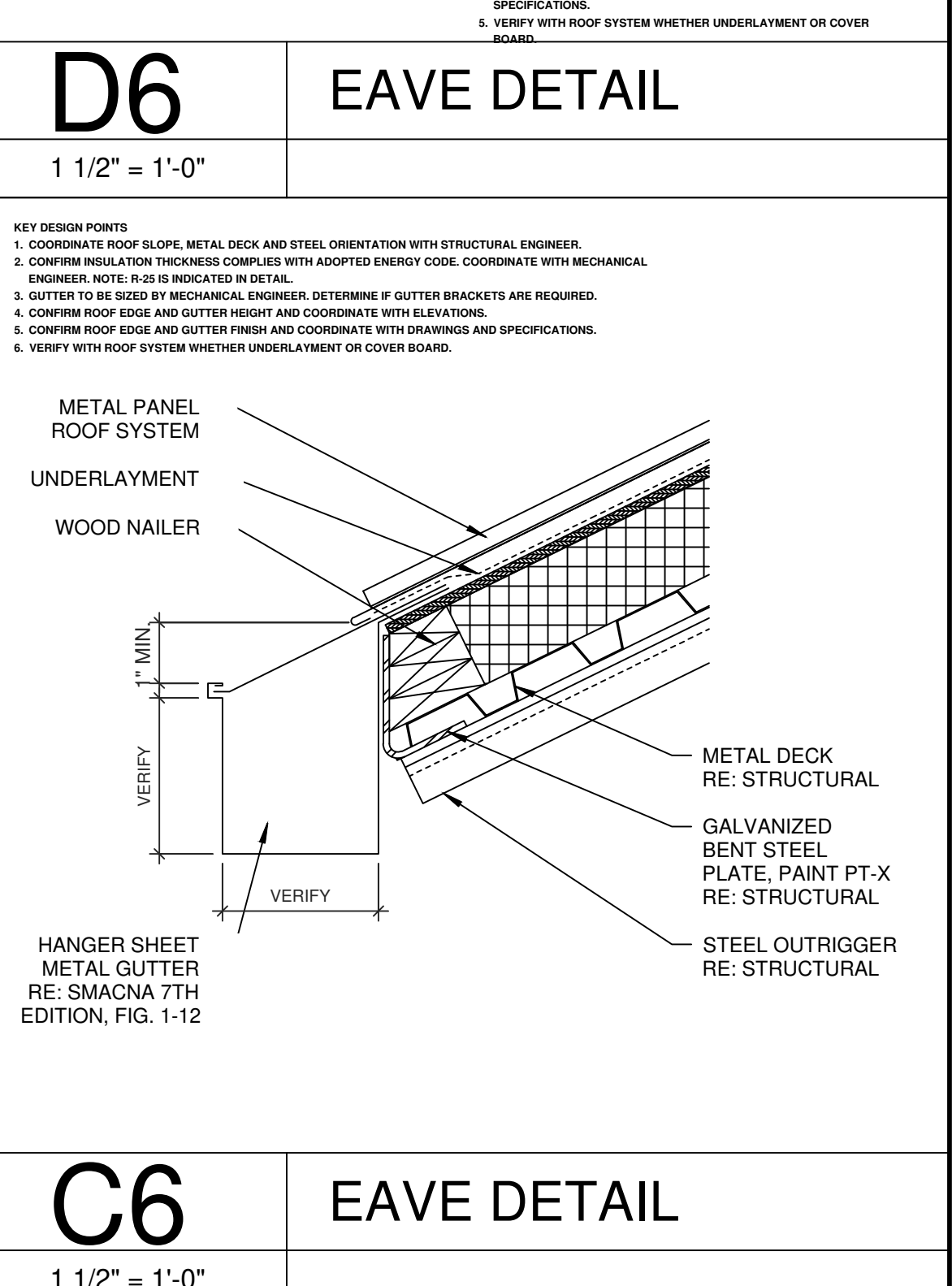
**D6** EAVE DETAIL  
1 1/2" = 1'-0"



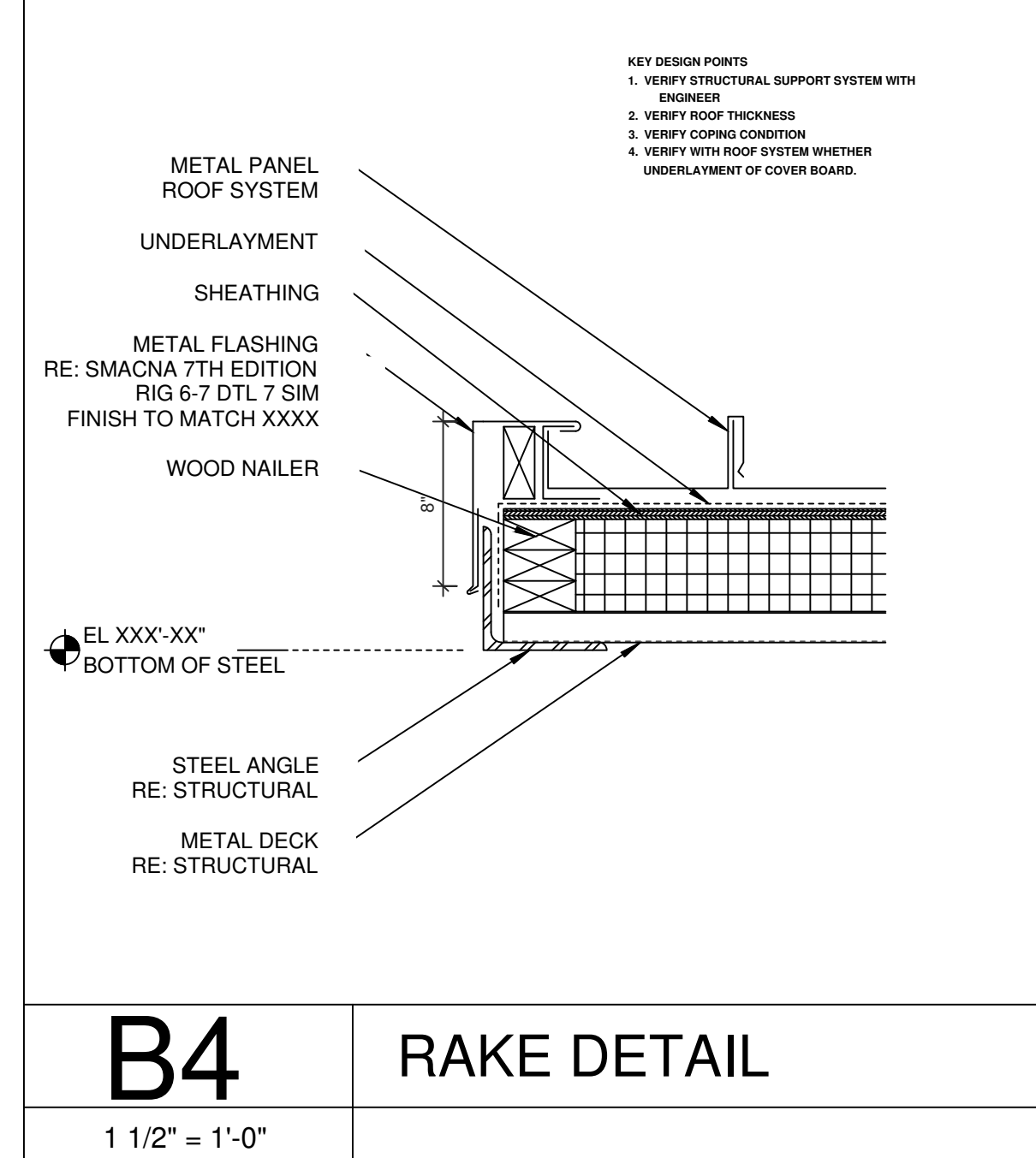
**B4** RAKE DETAIL  
1 1/2" = 1'-0"



**D5** RIDGE DETAIL  
1 1/2" = 1'-0"



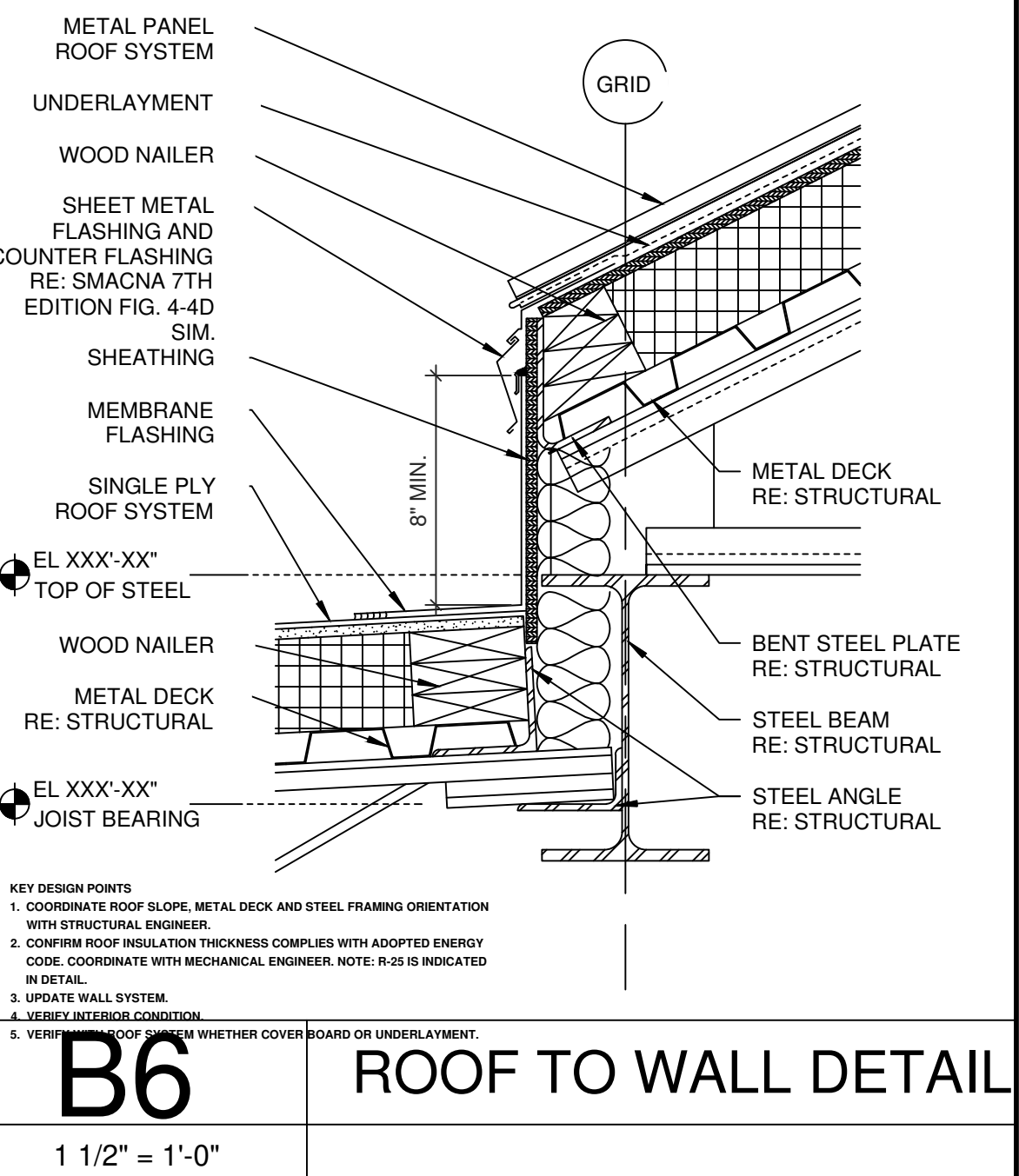
**C6** EAVE DETAIL  
1 1/2" = 1'-0"



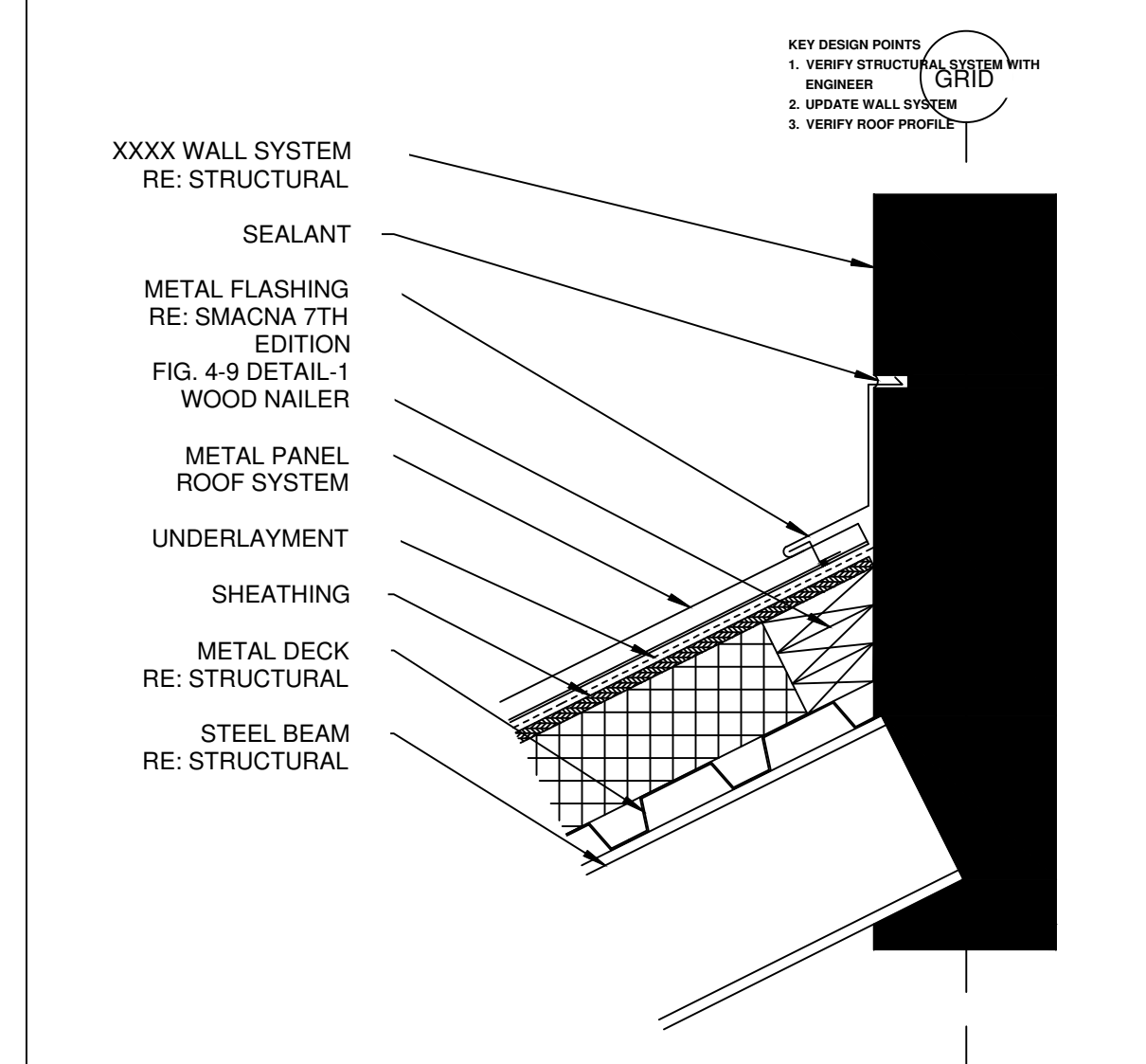
**B4** RAKE DETAIL  
1 1/2" = 1'-0"



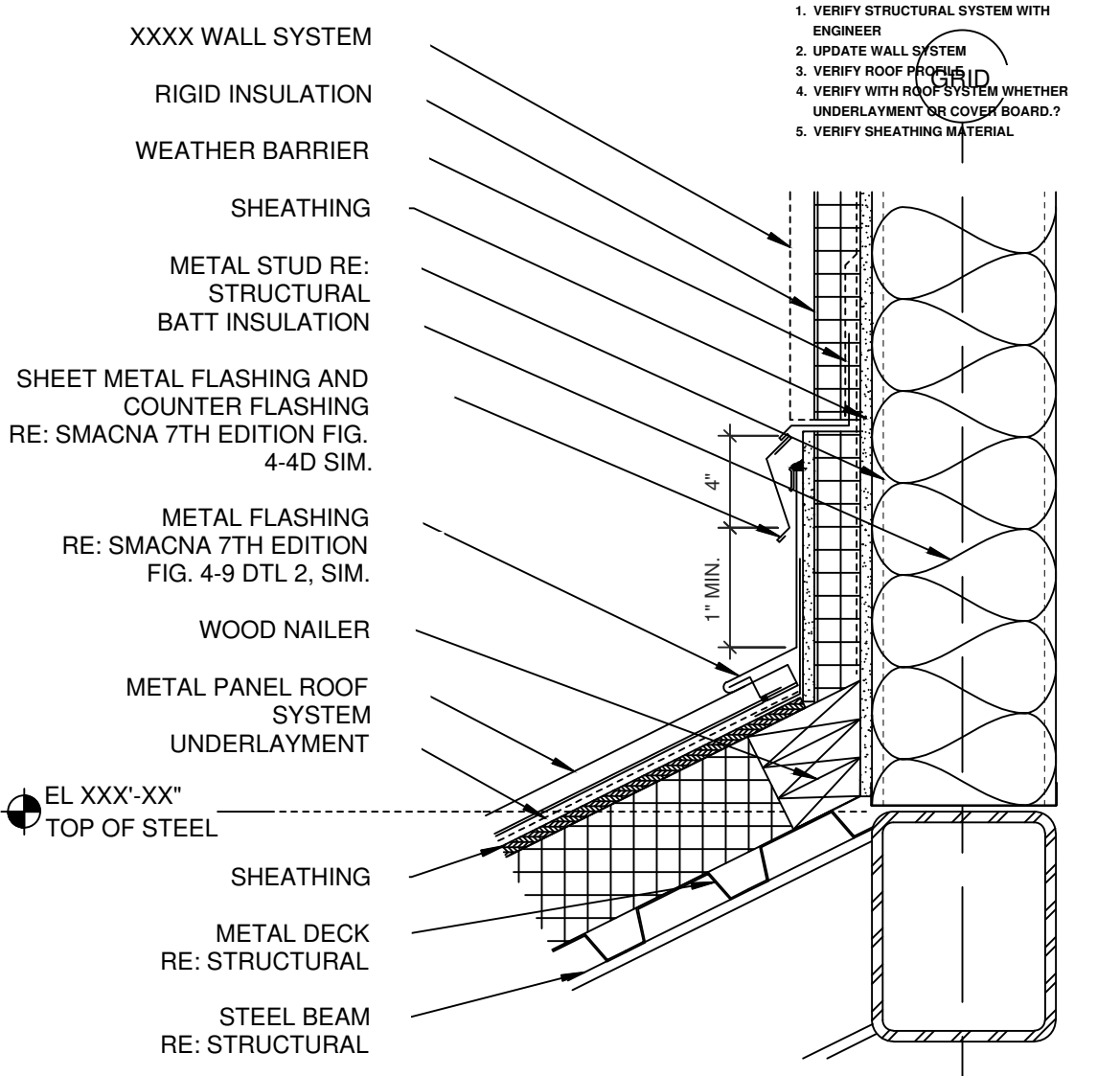
**A5** ROOF TO WALL DETAIL  
1 1/2" = 1'-0"



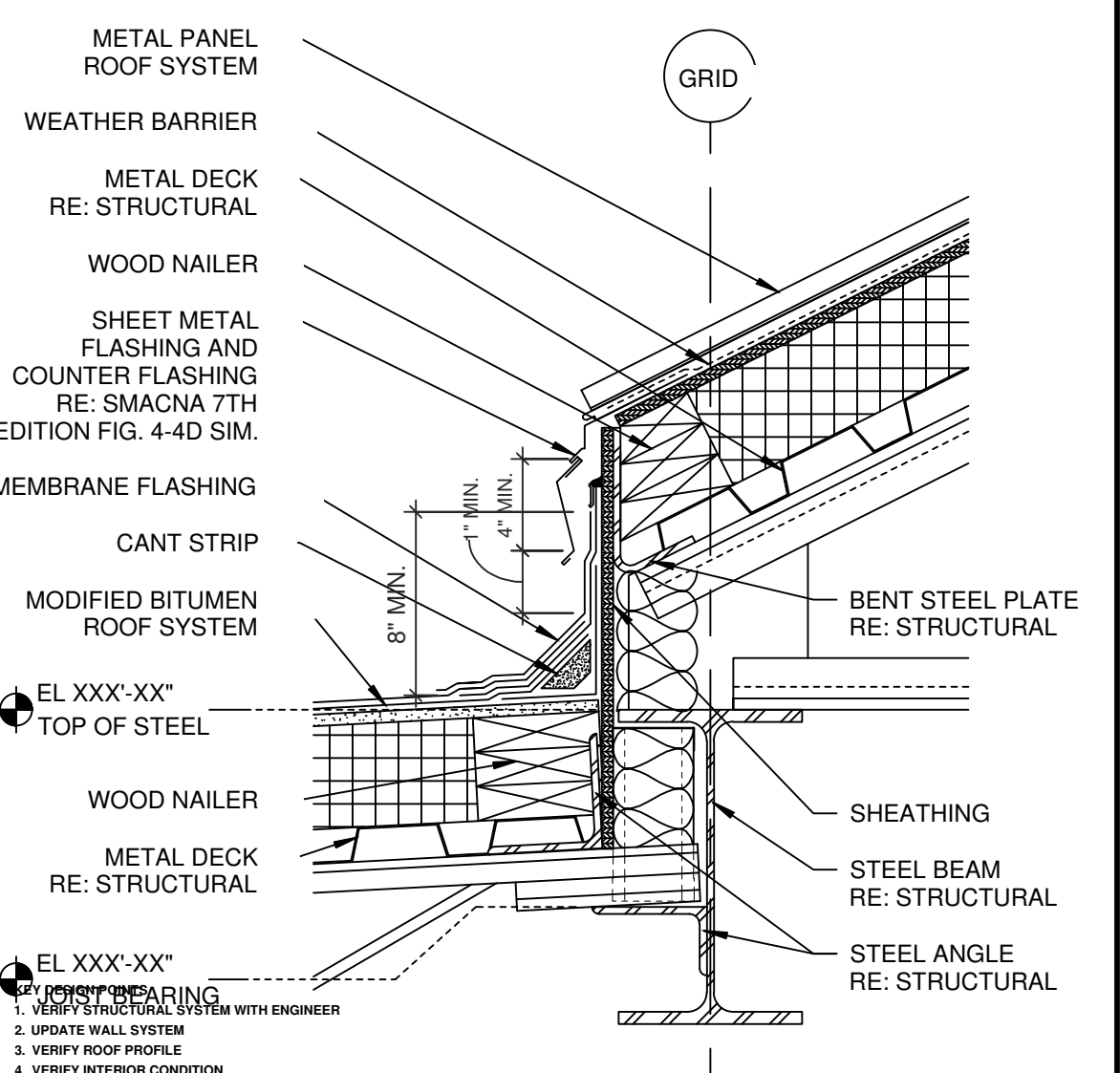
**B6** ROOF TO WALL DETAIL  
1 1/2" = 1'-0"



**A4** ROOF TO WALL DETAIL  
1 1/2" = 1'-0"



**A5** ROOF TO WALL DETAIL  
1 1/2" = 1'-0"



**A6** ROOF TO WALL DETAIL  
1 1/2" = 1'-0"

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA, 32055  
Drawing: ROOF DETAILS - METAL



Revisions

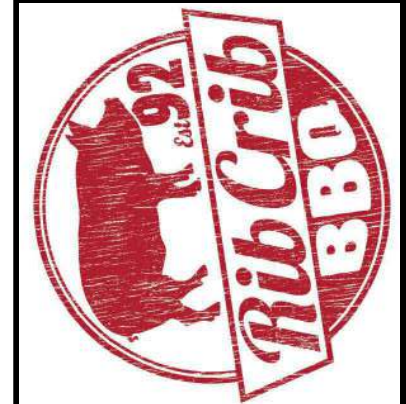
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PROJECT DATE: 08/12/2022  
Drawn By: CDK  
Checked By: NRD

Sheet No. **A535**

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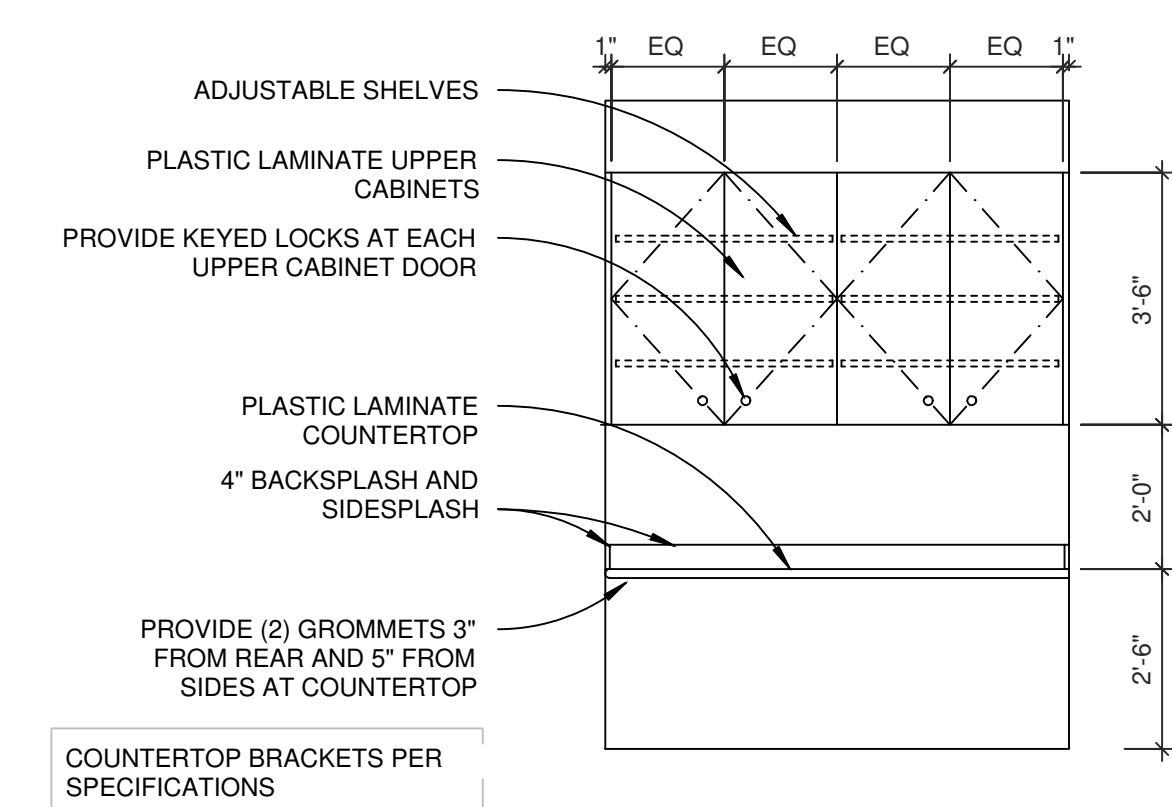
**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: MILLWORK SECTIONS



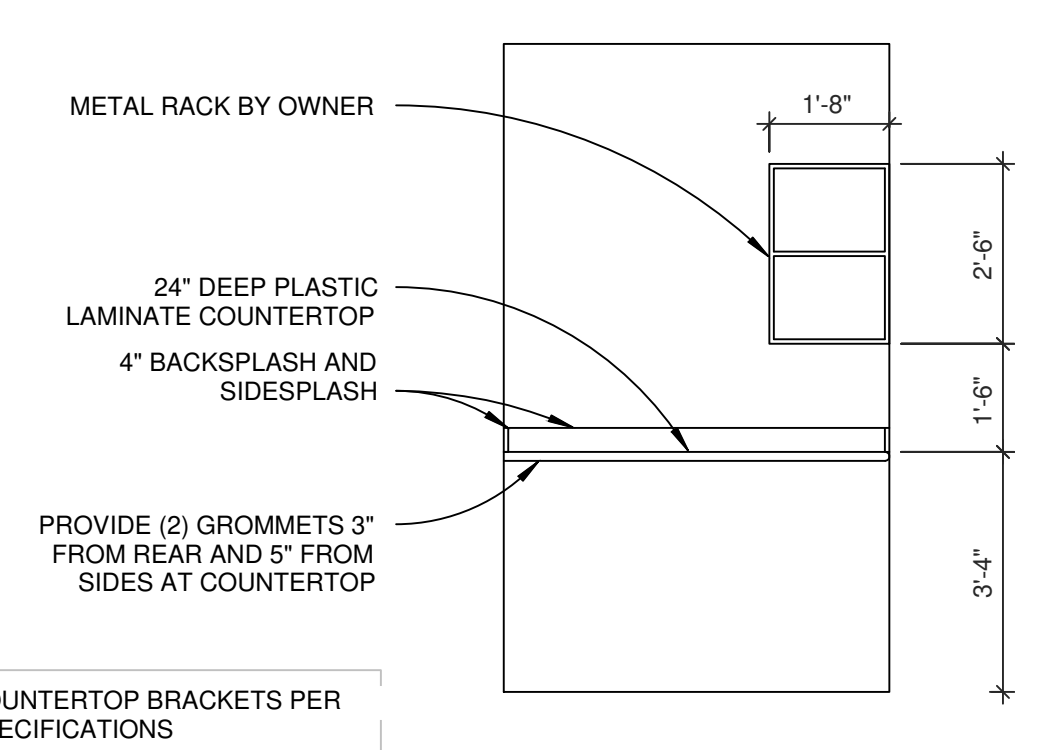
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PROJECT DATE  
08/12/2022  
Drawn By  
**CDK**  
Checked By  
**NRD**  
Sheet No.

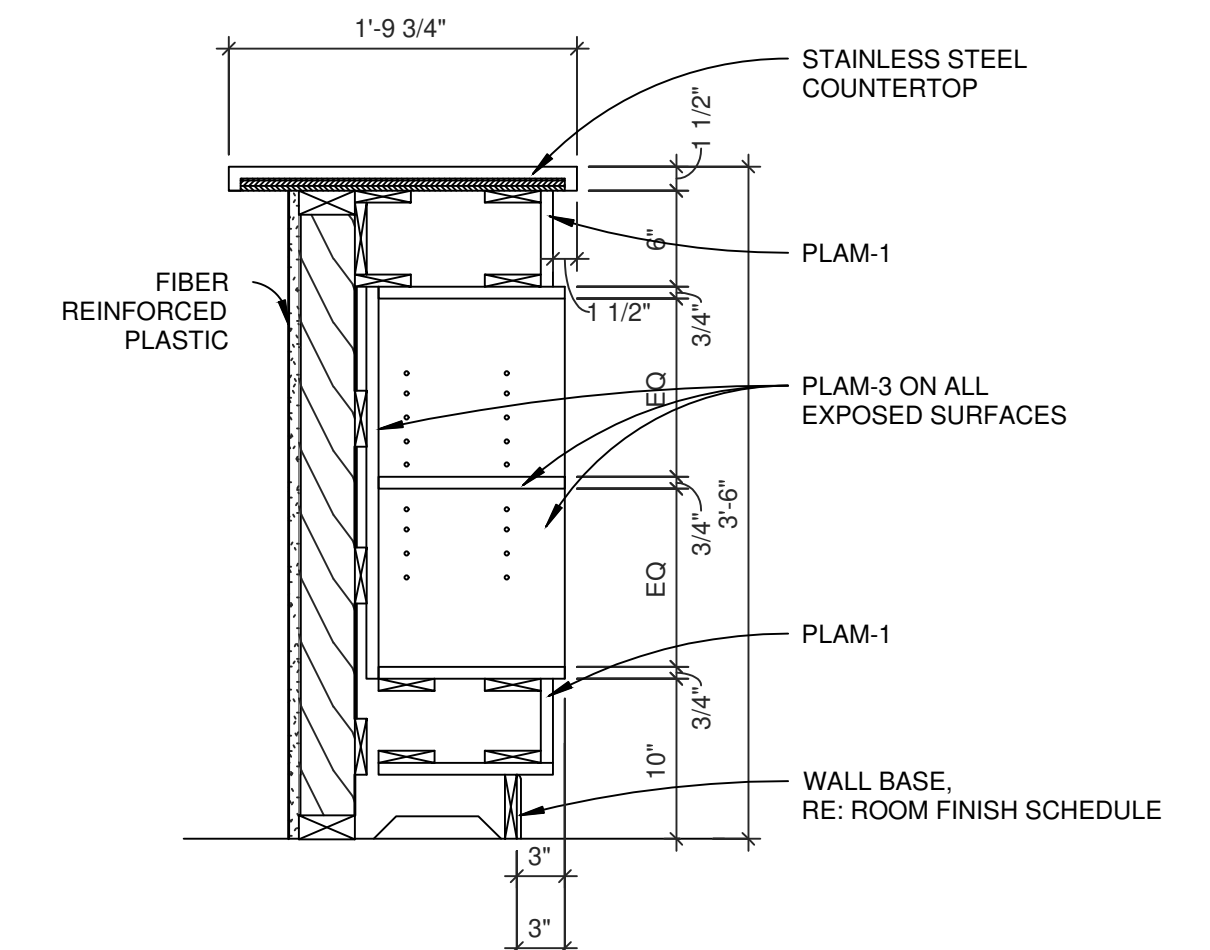
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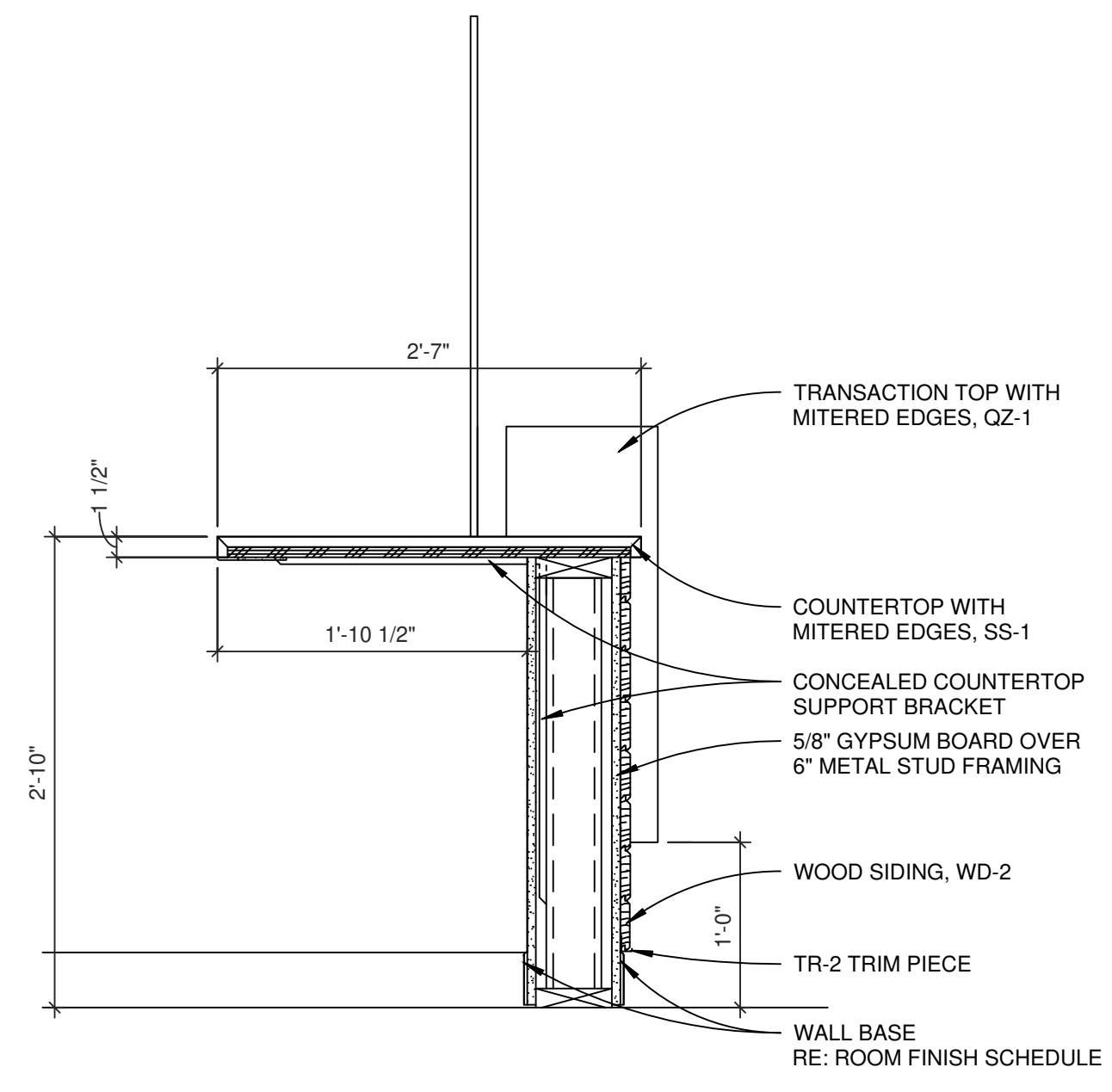
**5** MANAGERS OFFICE 1  
3/8" = 1'-0"



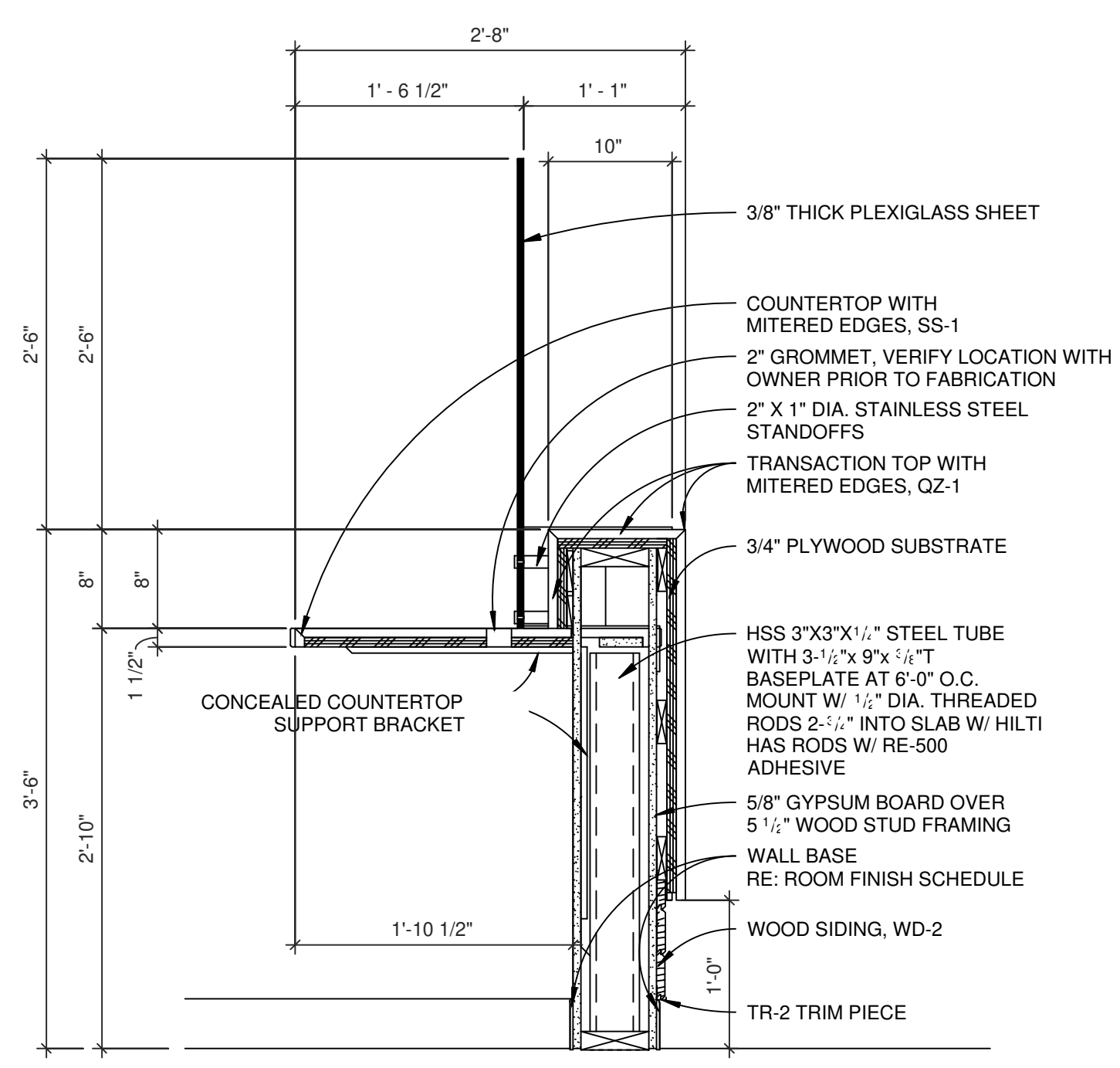
**6** MANAGERS OFFICE 2  
3/8" = 1'-0"



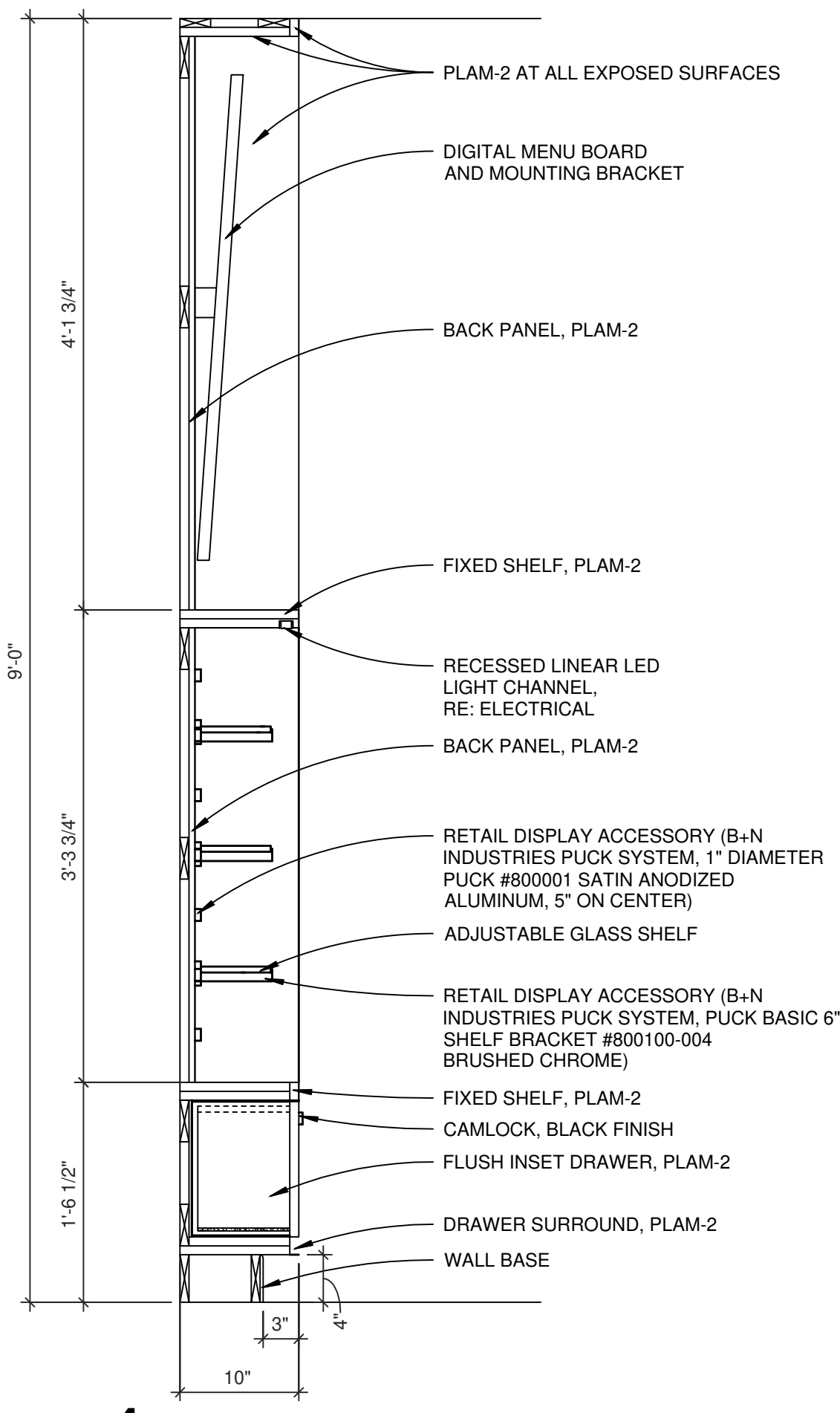
**1** STORAGE AT PIT BOSS  
3 - A106  
1" = 1'-0"



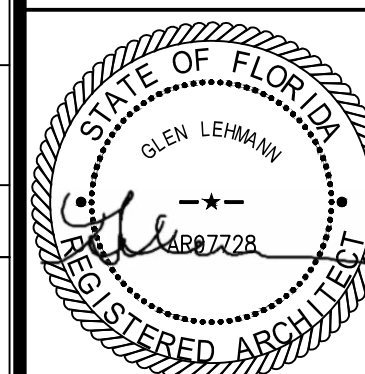
**2** P.O.S. COUNTER  
2 - A106  
1" = 1'-0"



**3** P.O.S. COUNTER  
2 - A106  
1" = 1'-0"

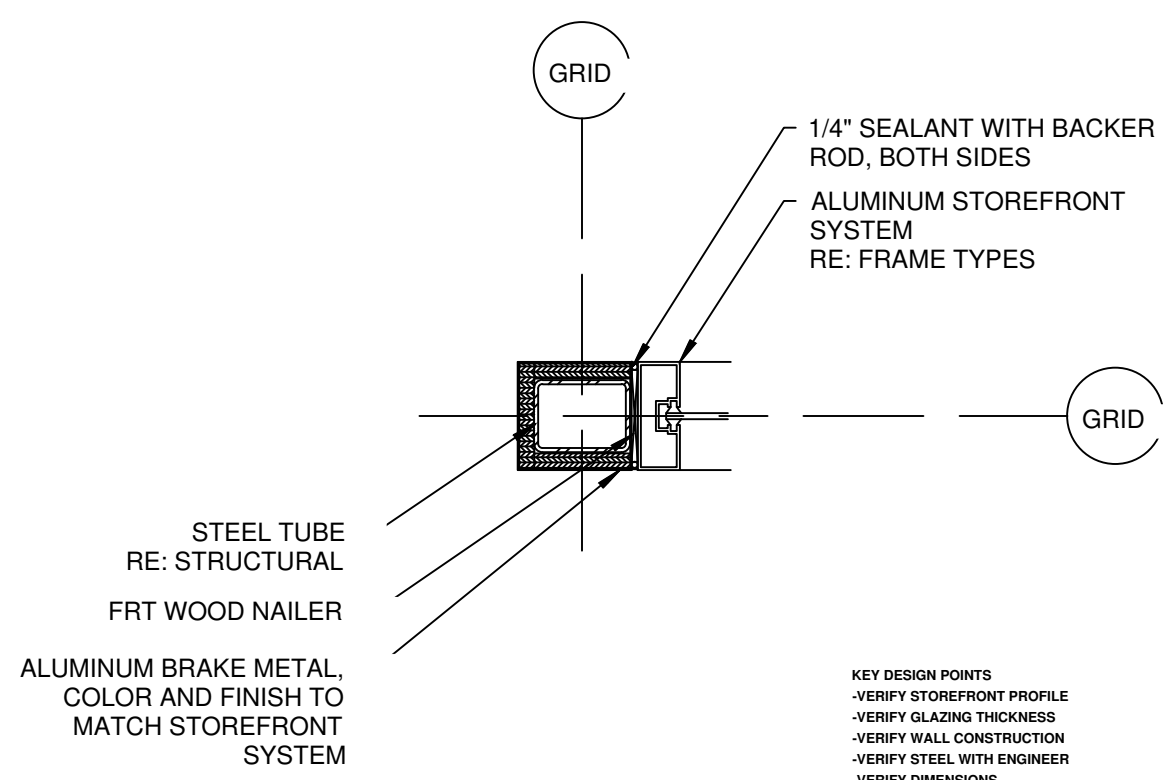


**4** RETAIL DISPLAY  
4 - A106  
1" = 1'-0"

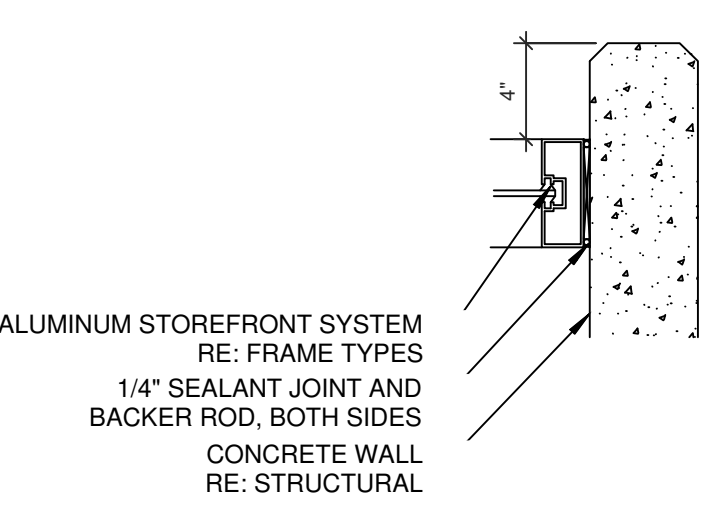


8/12/22

|   |   |   |   |
|---|---|---|---|
| <p>1/4" SEALANT JOINT WITH BACKER ROD, BOTH SIDES<br/>ALUMINUM STOREFRONT SYSTEM RE: FRAME TYPES<br/>FRT PLYWOOD<br/>PARTITION RE: PARTITION TYPES</p> <p>KEY DESIGN POINTS<br/>1. VERIFY STOREFRONT PROFILE<br/>2. VERIFY GLAZING THICKNESS<br/>3. VERIFY WALL CONSTRUCTION<br/>4. VERIFY NEED FOR SOUND BATT</p>  | <p>ALUMINUM STOREFRONT SYSTEM RE: FRAME TYPES<br/>FRT WOOD NAILER<br/>1/4" SEALANT JOINT AND BACKER ROD, BOTH SIDES<br/>ALIGN<br/>PARTITION RE: PARTITION TYPES</p> <p>KEY DESIGN POINTS<br/>1. VERIFY STOREFRONT PROFILE<br/>2. VERIFY GLAZING THICKNESS<br/>3. VERIFY WALL CONSTRUCTION<br/>4. VERIFY NEED FOR SOUND BATT</p> | <p>PARTITION RE: PARTITION TYPES<br/>FRT PLYWOOD<br/>ALUMINUM STOREFRONT SYSTEM RE: FRAME TYPES<br/>1/4" SEALANT JOINT AND BACKER ROD, BOTH SIDES</p> <p>KEY DESIGN POINTS<br/>1. VERIFY STOREFRONT PROFILE<br/>2. VERIFY GLAZING THICKNESS<br/>3. VERIFY WALL CONSTRUCTION<br/>4. VERIFY NEED FOR SOUND BATT</p>   |   |
| <p><b>E4</b> DETAIL<br/>N.T.S.</p>  | <p><b>E5</b> DETAIL<br/>N.T.S.</p>  | <p><b>E6</b> DETAIL<br/>N.T.S.</p>  |   |
| <p>ALUMINUM STOREFRONT SYSTEM RE: FRAME TYPES<br/>FRT WOOD NAILER<br/>ALUMINUM BRAKE METAL COLOR AND FINISH TO MATCH STOREFRONT SYSTEM<br/>ALUMINUM STOREFRONT SYSTEM RE: FRAME TYPES<br/>1/4" SEALANT JOINT AND BACKER ROD, BOTH SIDES<br/>PARTITION RE: PARTITION TYPES</p> <p>KEY DESIGN POINTS<br/>1. VERIFY STOREFRONT PROFILE<br/>2. VERIFY GLAZING THICKNESS<br/>3. VERIFY WALL CONSTRUCTION<br/>4. VERIFY NEED FOR SOUND BATT</p> | <p>ALIGN<br/>PARTITION RE: PARTITION TYPES<br/>ALUMINUM STOREFRONT SYSTEM RE: FRAME TYPES<br/>FRT WOOD NAILER<br/>1/4" SEALANT JOINT WITH BACKER ROD BOTH SIDES</p> <p>KEY DESIGN POINTS<br/>1. VERIFY STOREFRONT PROFILE<br/>2. VERIFY GLAZING THICKNESS<br/>3. VERIFY WALL CONSTRUCTION<br/>4. VERIFY NEED FOR SOUND BATT</p> | <p>PARTITION RE: PARTITION TYPES<br/>STEEL COLUMN RE: STRUCTURAL<br/>FRT WOOD NAILER<br/>ALUMINUM STOREFRONT SYSTEM RE: FRAME TYPES<br/>1/4" SEALANT JOINT WITH BACKER ROD, BOTH SIDES</p> <p>KEY DESIGN POINTS<br/>1. VERIFY STOREFRONT PROFILE<br/>2. VERIFY GLAZING THICKNESS<br/>3. VERIFY WALL CONSTRUCTION<br/>4. VERIFY NEED FOR SOUND BATT</p>            |   |
| <p><b>D4</b> DETAIL<br/>N.T.S.</p>  | <p><b>D5</b> DETAIL<br/>N.T.S.</p>  | <p><b>D6</b> DETAIL<br/>1 1/2" = 1'-0"</p>  |   |
| <p>PARTITION RE: PARTITION TYPES<br/>METAL STUD BOX BEAM<br/>FRT PLYWOOD<br/>1/4" SEALANT JOINT AND BACKER ROD, BOTH SIDES<br/>DOOR RE: DOOR SCHEDULE</p> <p>KEY DESIGN POINTS<br/>1. VERIFY STOREFRONT PROFILE<br/>2. VERIFY GLAZING THICKNESS<br/>3. VERIFY WALL CONSTRUCTION<br/>4. VERIFY ALIGMENTS<br/>5. VERIFY NEED FOR SOUND BATT</p>   | <p><b>C5</b> HEAD DETAIL<br/>1 1/2" = 1'-0"</p>   | <p>PARTITION RE: PARTITION TYPES<br/>METAL STUD BOX BEAM<br/>FRT PLYWOOD<br/>1/4" SEALANT JOINT AND BACKER ROD, BOTH SIDES<br/>ALUMINUM STOREFRONT SYSTEM RE: FRAME TYPES</p> <p>KEY DESIGN POINTS<br/>1. VERIFY STOREFRONT PROFILE<br/>2. VERIFY GLAZING THICKNESS<br/>3. VERIFY WALL CONSTRUCTION<br/>4. VERIFY ALIGMENTS<br/>5. VERIFY NEED FOR SOUND BATT</p> | <p><b>C6</b> HEAD DETAIL<br/>1 1/2" = 1'-0"</p> |
| <p>PARTITION RE: PARTITION TYPES<br/>1/4" SEALANT JOINT AND BACKER ROD, BOTH SIDES<br/>FRT PLYWOOD<br/>DOOR RE: DOOR SCHEDULE</p> <p>KEY DESIGN POINTS<br/>1. VERIFY STOREFRONT PROFILE<br/>2. VERIFY GLAZING THICKNESS<br/>3. VERIFY WALL CONSTRUCTION<br/>4. VERIFY DIMENSIONS<br/>5. VERIFY NEED FOR SOUND BATT</p>  | <p><b>B5</b> JAMB DETAIL<br/>1 1/2" = 1'-0"</p>   | <p>PARTITION RE: PARTITION TYPES<br/>1/4" SEALANT JOINT AND BACKER ROD, BOTH SIDES<br/>FRT PLYWOOD<br/>ALUMINUM STOREFRONT SYSTEM RE: FRAME TYPES</p> <p>KEY DESIGN POINTS<br/>1. VERIFY STOREFRONT PROFILE<br/>2. VERIFY GLAZING THICKNESS<br/>3. VERIFY WALL CONSTRUCTION<br/>4. VERIFY DIMENSIONS<br/>5. VERIFY NEED FOR SOUND BATT</p>                        | <p><b>B6</b> JAMB DETAIL<br/>1 1/2" = 1'-0"</p> |
| <p>DOOR RE: DOOR SCHEDULE<br/>THRESHOLD SET IN FULL BED OF MASTIC<br/>FLOOR FINISH RE: ROOM FINISH SCHEDULE<br/>CONCRETE SLAB RE: STRUCTURAL</p> <p>KEY DESIGN POINTS<br/>1. VERIFY STOREFRONT PROFILE<br/>2. VERIFY GLAZING THICKNESS<br/>3. VERIFY WALL OF BAY SPEC.<br/>4. VERIFY NEED FOR SOUND BATT.<br/>5. VERIFY FLOOR FINISH.</p>   | <p><b>A5</b> THRESHOLD DETAIL<br/>1 1/2" = 1'-0"</p>  | <p>ALUMINUM STOREFRONT SYSTEM RE: FRAME TYPES<br/>1/4" SEALANT JOINT WITH BACKER ROD, BOTH SIDES<br/>FLOOR FINISH RE: ROOM FINISH SCHEDULE<br/>CONCRETE SLAB RE: STRUCTURAL</p> <p>KEY DESIGN POINTS<br/>1. VERIFY STOREFRONT PROFILE<br/>2. VERIFY GLAZING THICKNESS<br/>3. VERIFY WALL CONSTRUCTION<br/>4. VERIFY NEED FOR SOUND BATT</p>                       | <p><b>A6</b> DETAIL<br/>1 1/2" = 1'-0"</p>      |



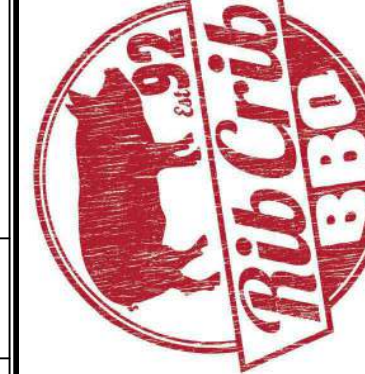
**3** DETAIL  
N.T.S.



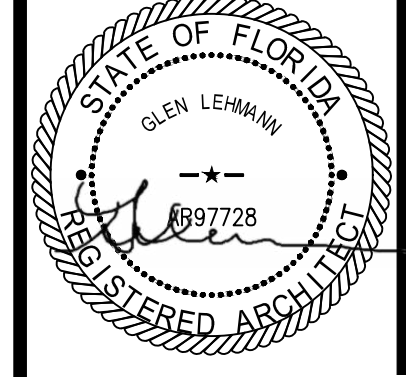
**4** DETAIL  
N.T.S.

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: INTERIOR STOREFRONT DETAILS



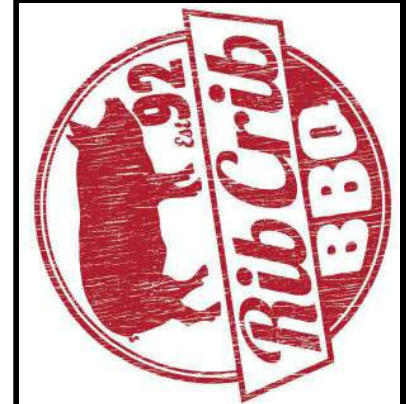
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| Revisions     |             |
| THRU ADDENDUM | " "         |
| PROJECT DATE  | 08/12/2022  |
| Drawn By      | CDK         |
| Checked By    | NRD         |
| Sheet No.     | <b>A542</b> |



8/12/22

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**RIB CRIB GEN 6 PROTOTYPE**  
 Location: GATEWAY CROSSING, CENTURION WAY  
 LAKE CITY, FLORIDA 32055  
 Drawing: ADA PLAN VIEWS



| Revisions     |     |
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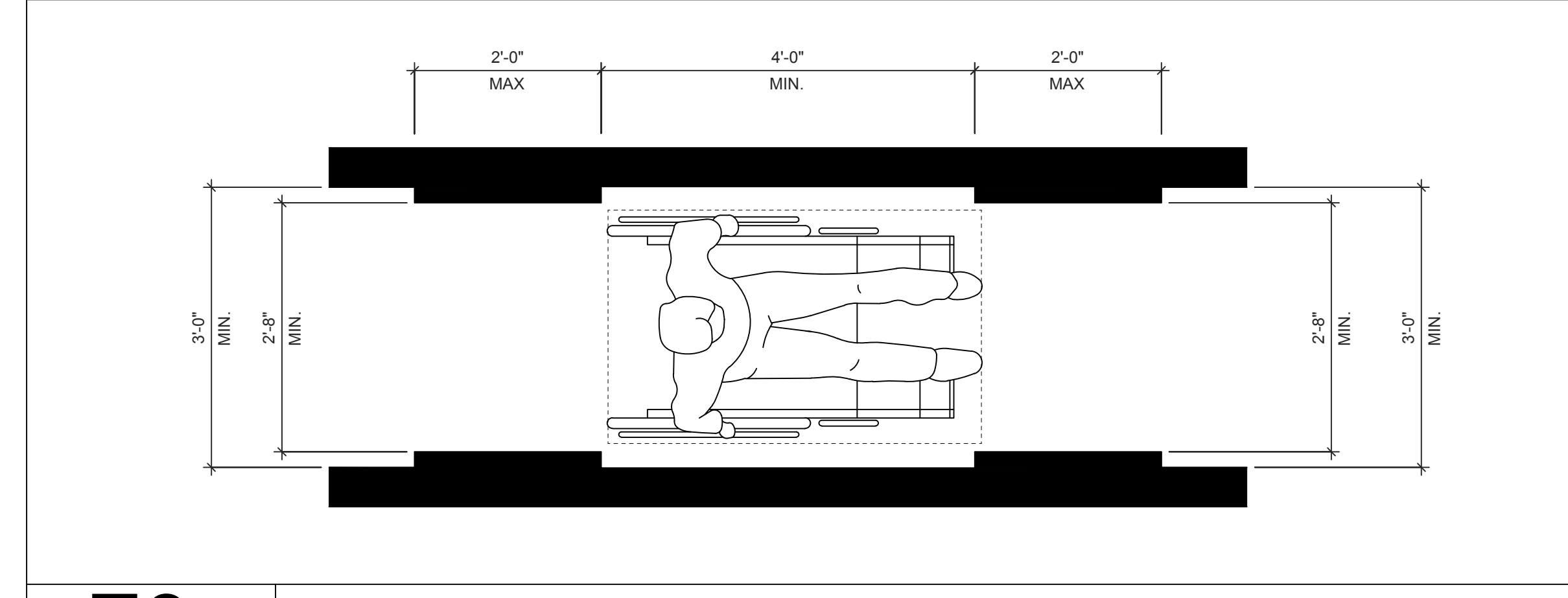
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08/12/2022

Drawn By  
**CDK**

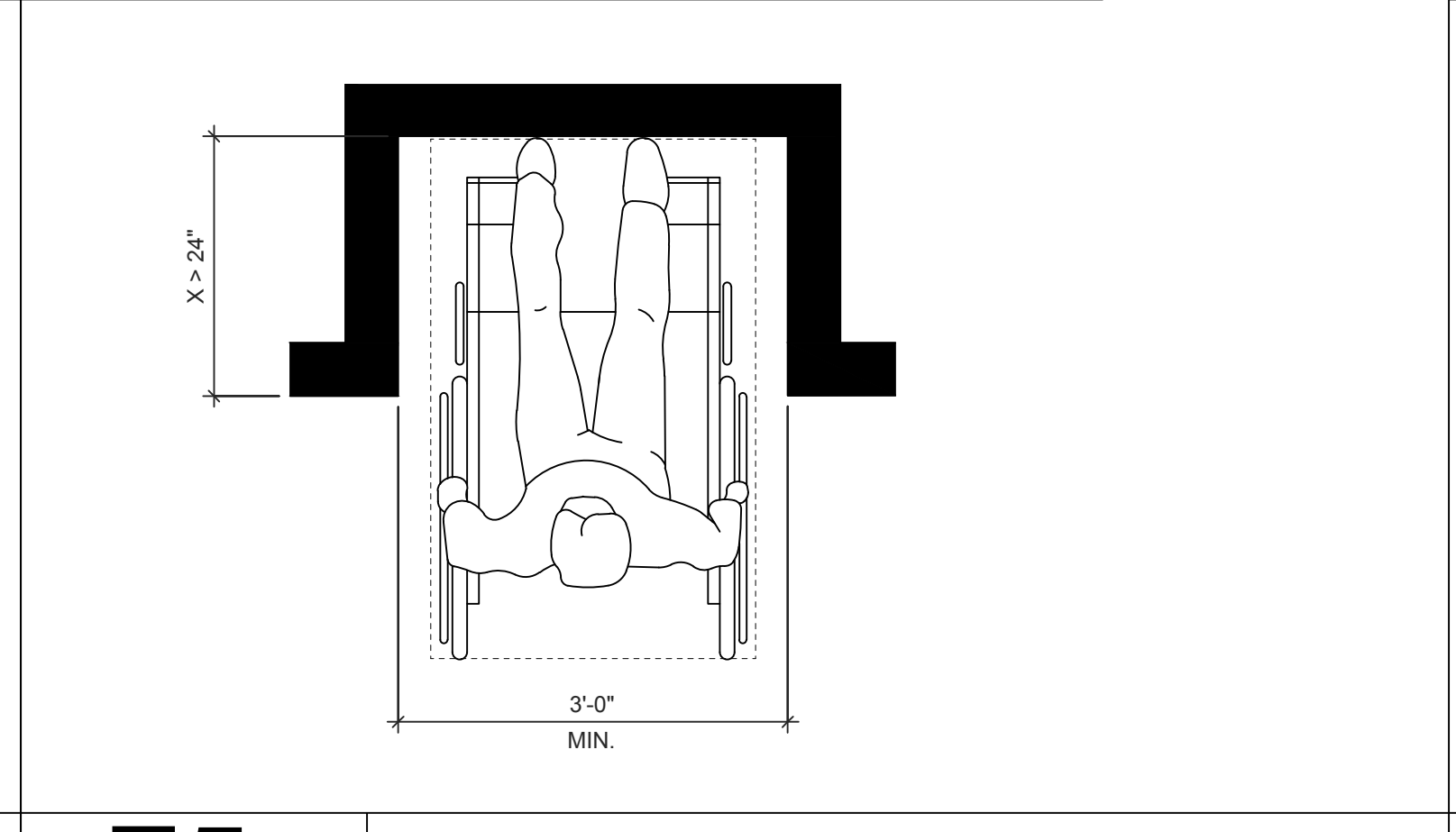
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**NRD**

Sheet No.

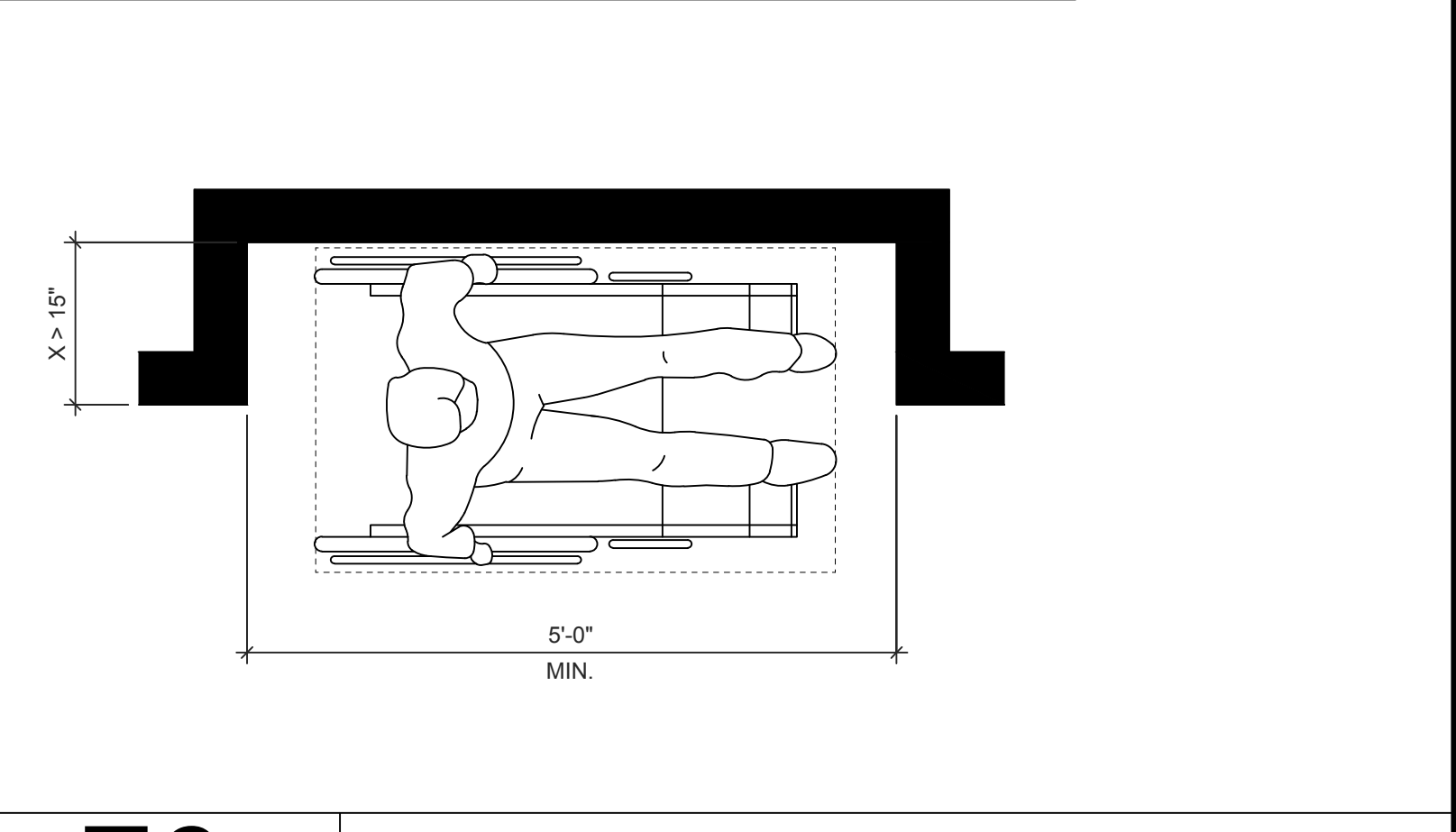
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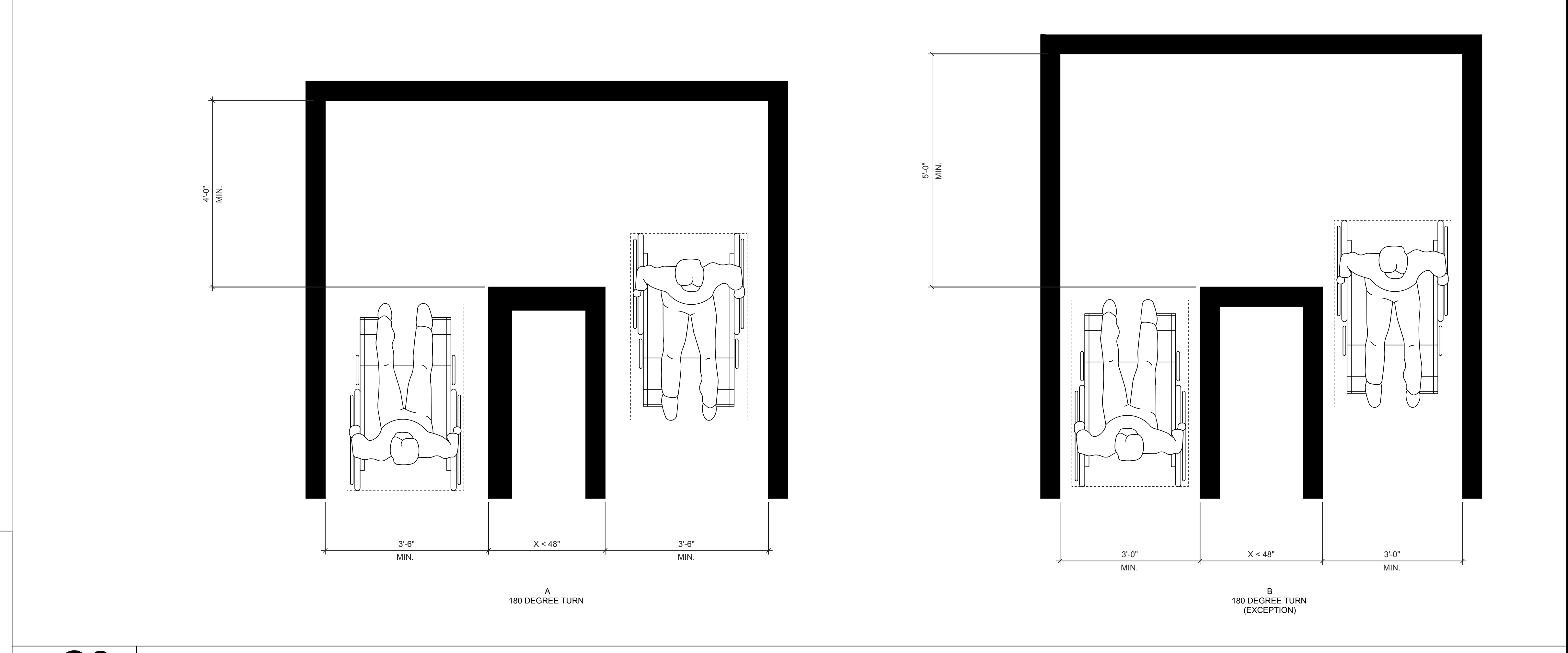
**E3** CLEAR WIDTH OF ACCESSIBLE ROUTE  
3/4" = 1'-0"



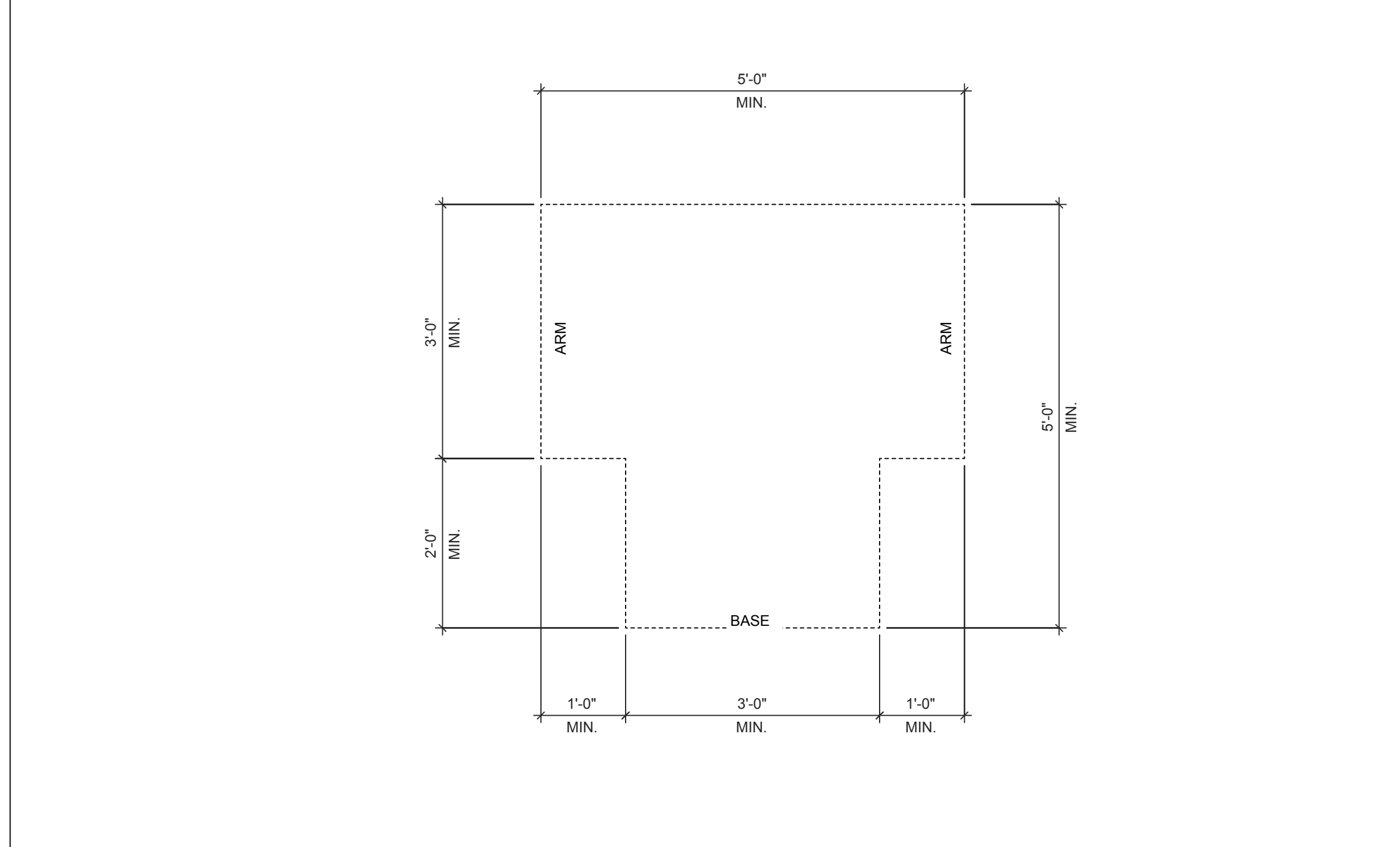
**E5** MANEUVERING ALCOVE FORWARD  
3/4" = 1'-0"



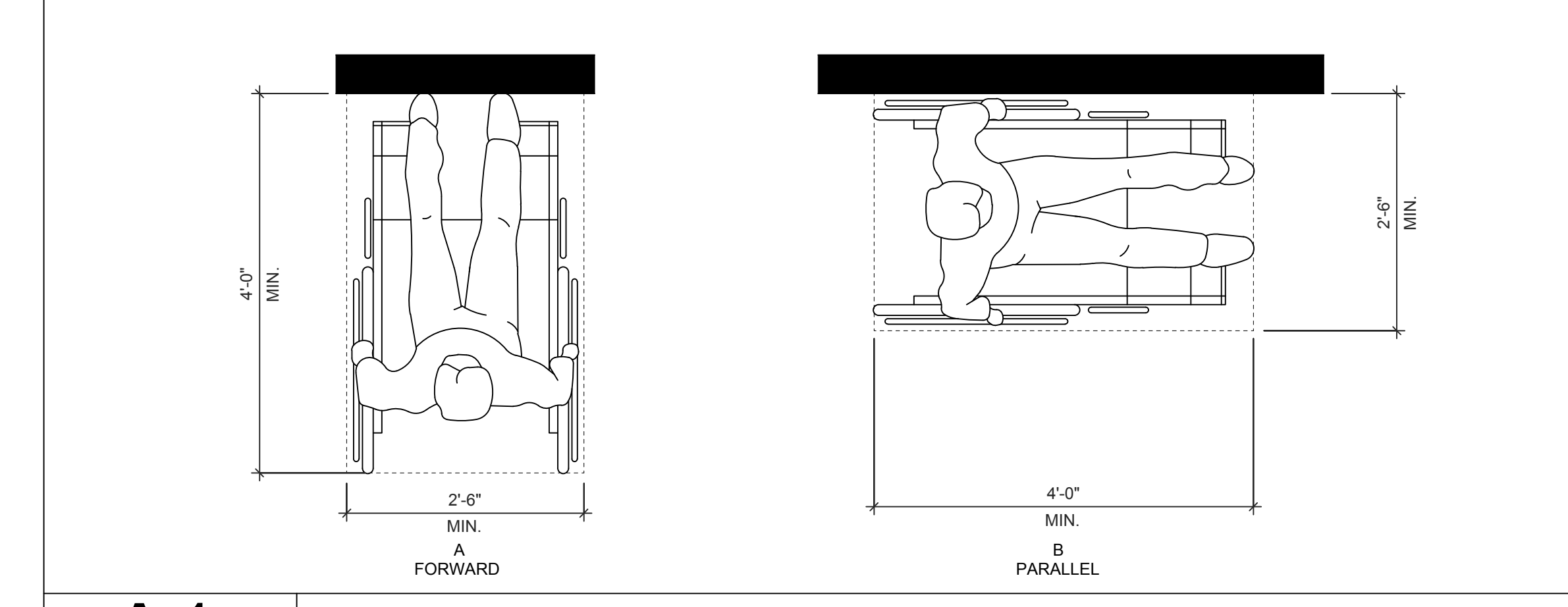
**E6** MANEUVERING ALCOVE PARALLEL  
3/4" = 1'-0"



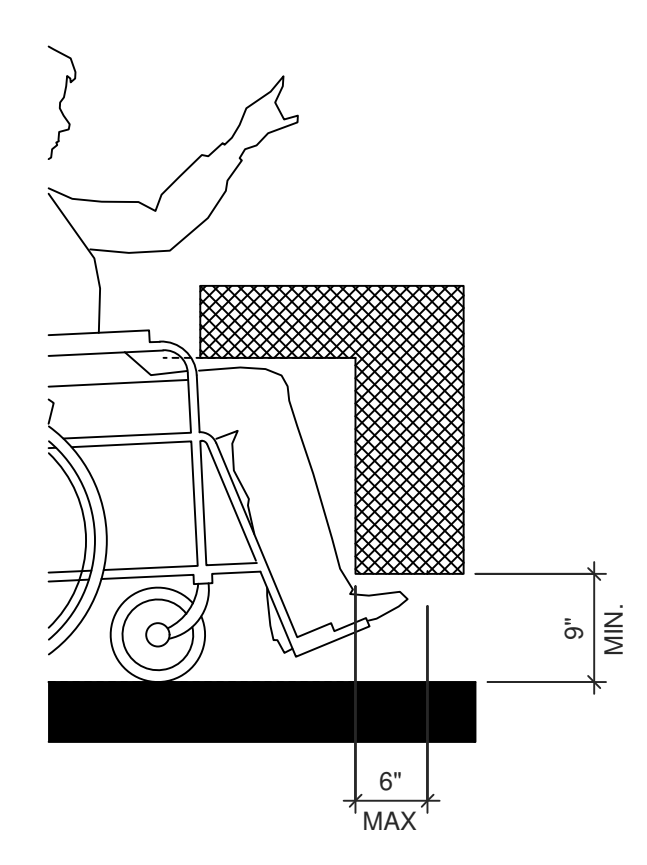
**C3** CLEAR WIDTH AT TURN  
3/4" = 1'-0"



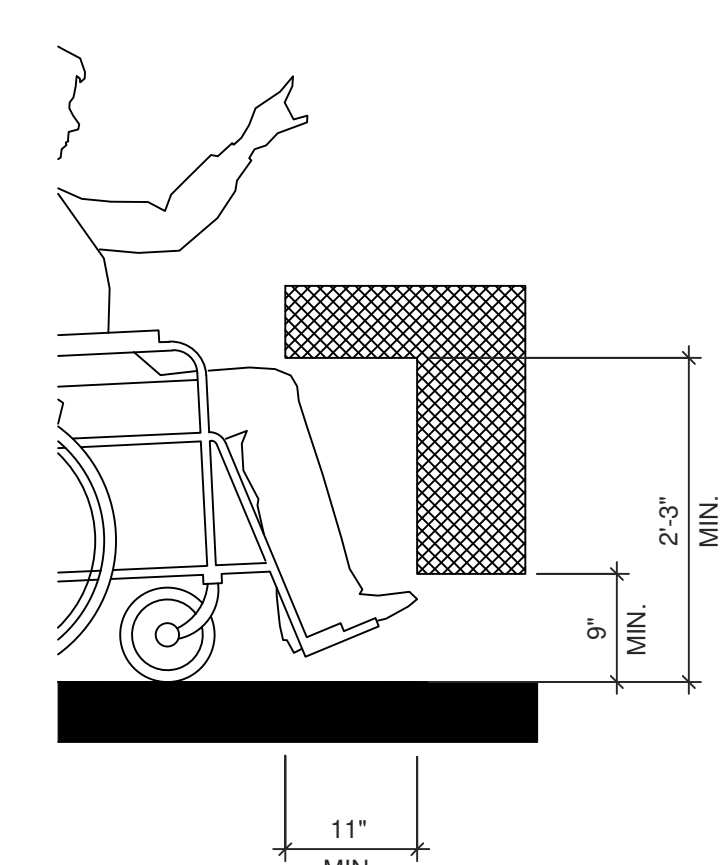
**B1** T-SHAPED TURNING SPACE  
3/4" = 1'-0"



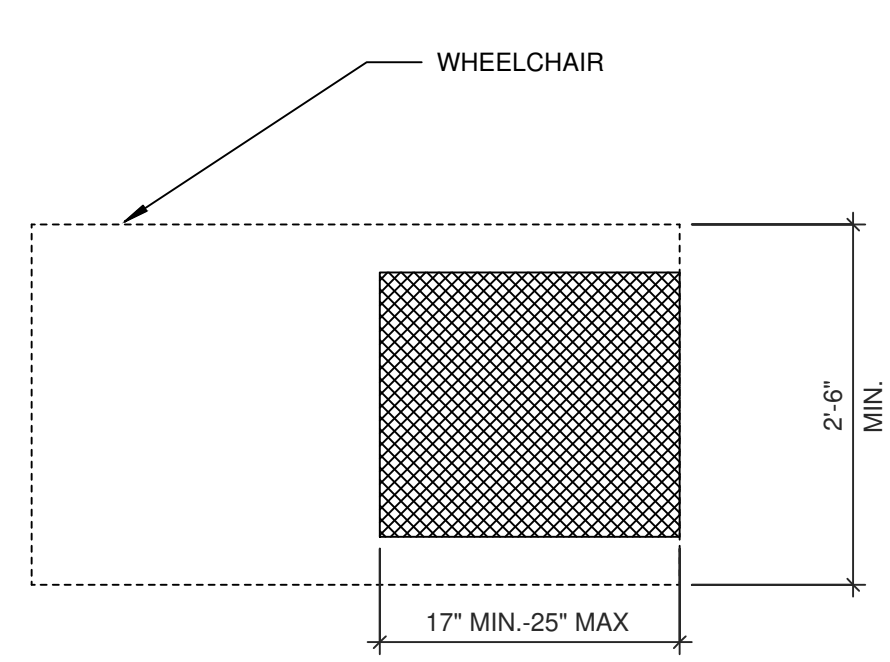
**A1** WHEEL CHAIR POSITIONS  
3/4" = 1'-0"



A  
TOE CLEARANCE



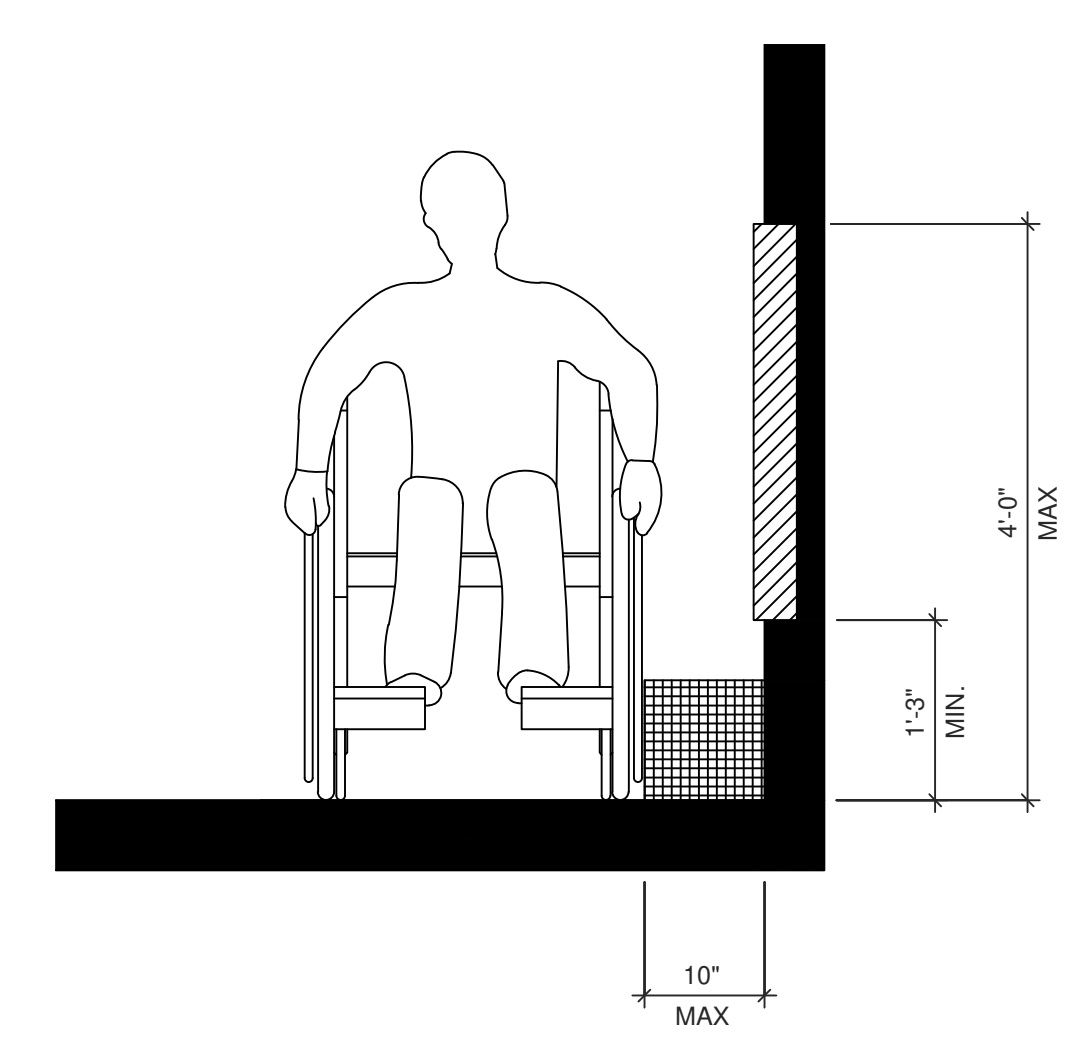
B  
KNEE CLEARANCE



C  
PLAN

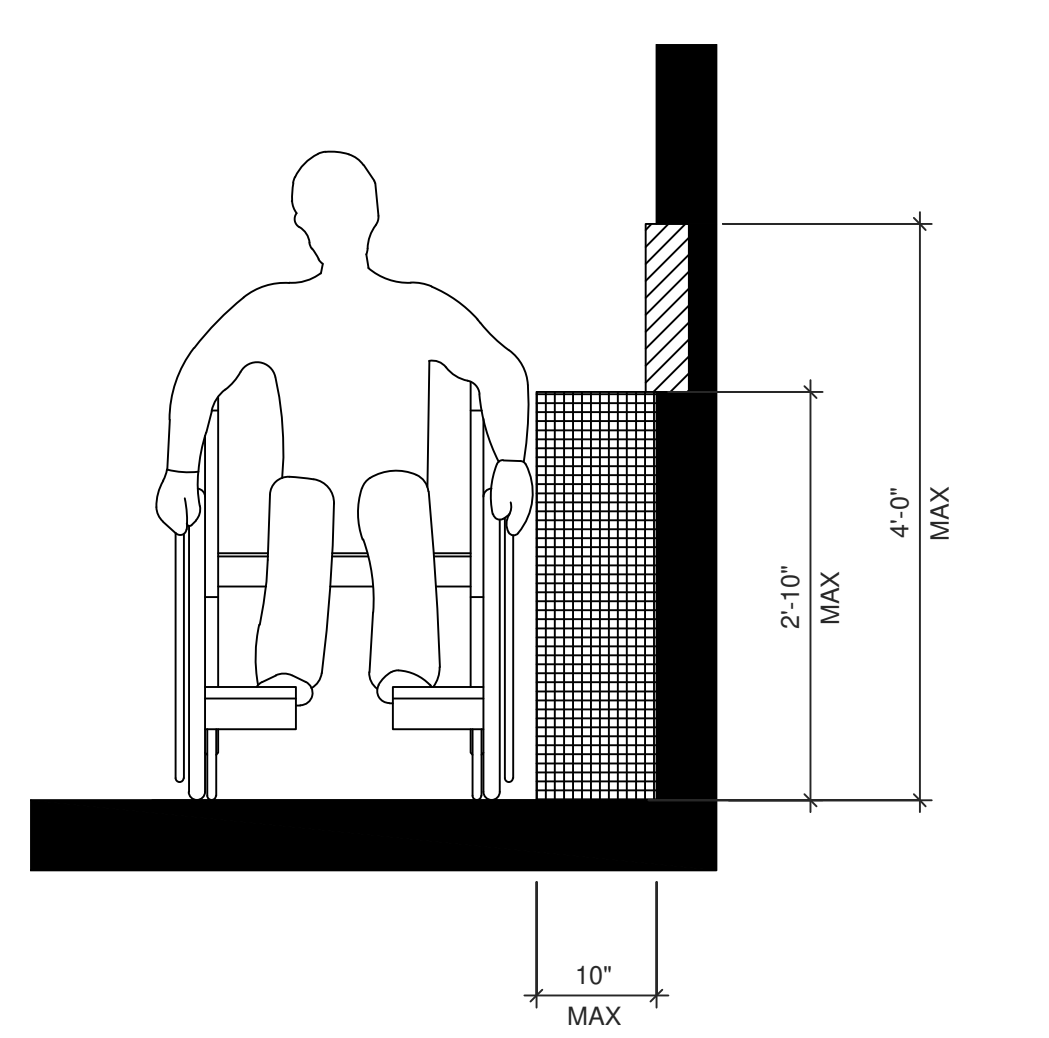
**D4** TOE CLEARANCE

3/4" = 1'-0"



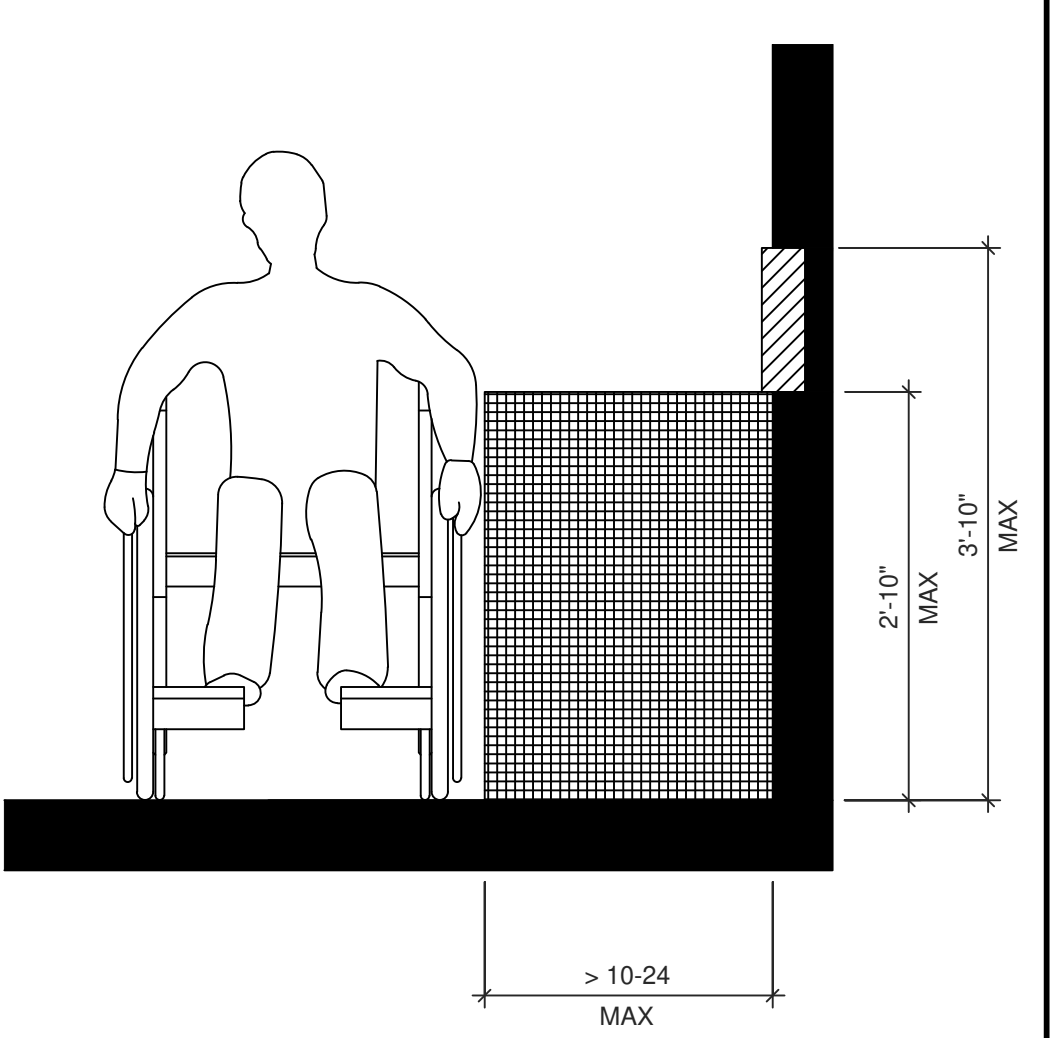
**B4** SIDE HIGH REACH UNOBSTRUCTED

3/4" = 1'-0"



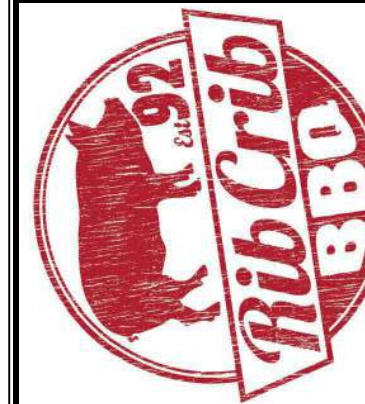
**B5** SIDE HIGH REACH OBSTRUCTED

3/4" = 1'-0"



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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: ADA ELEVATIONS



Revisions

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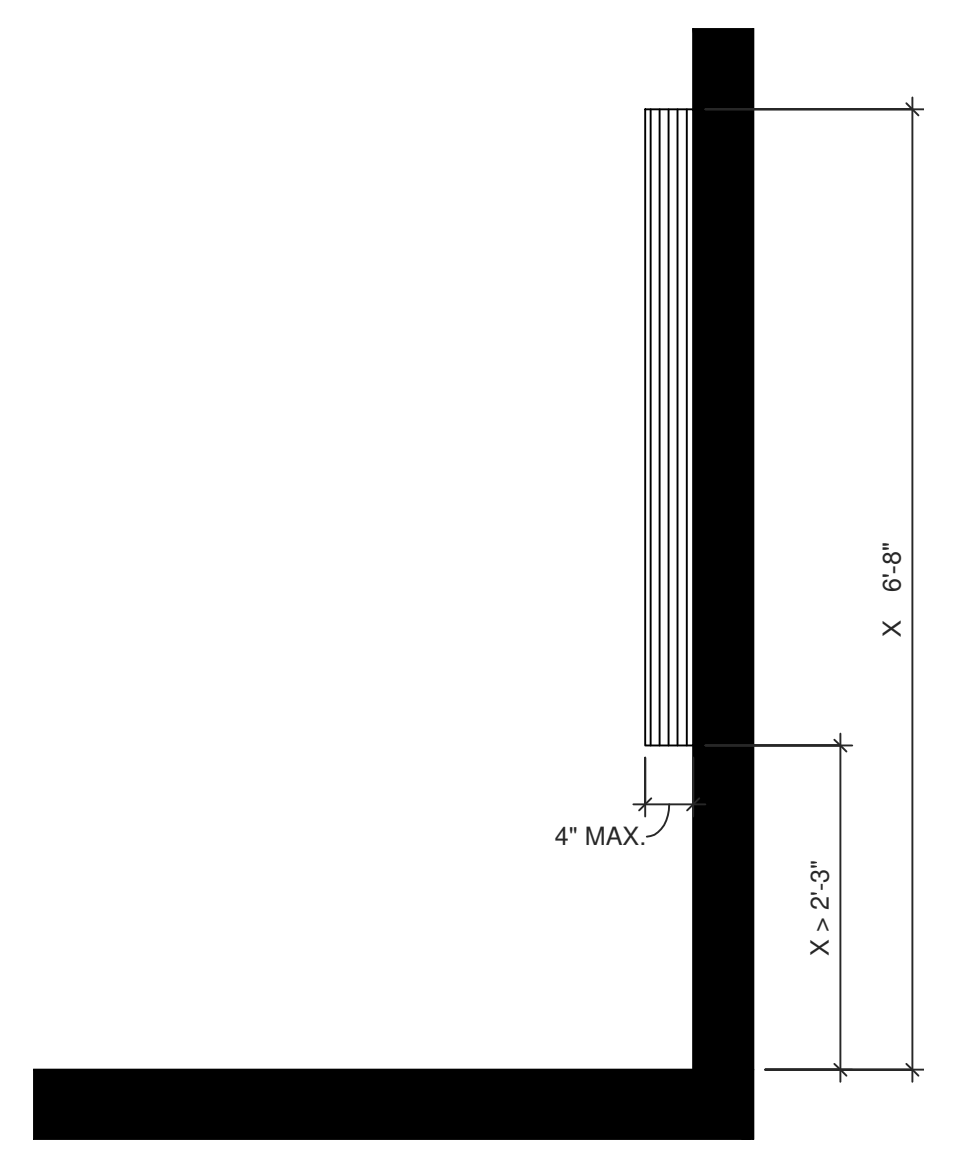
PROJECT DATE  
08/12/2022

Drawn By  
**CDK**

Checked By  
**NRD**

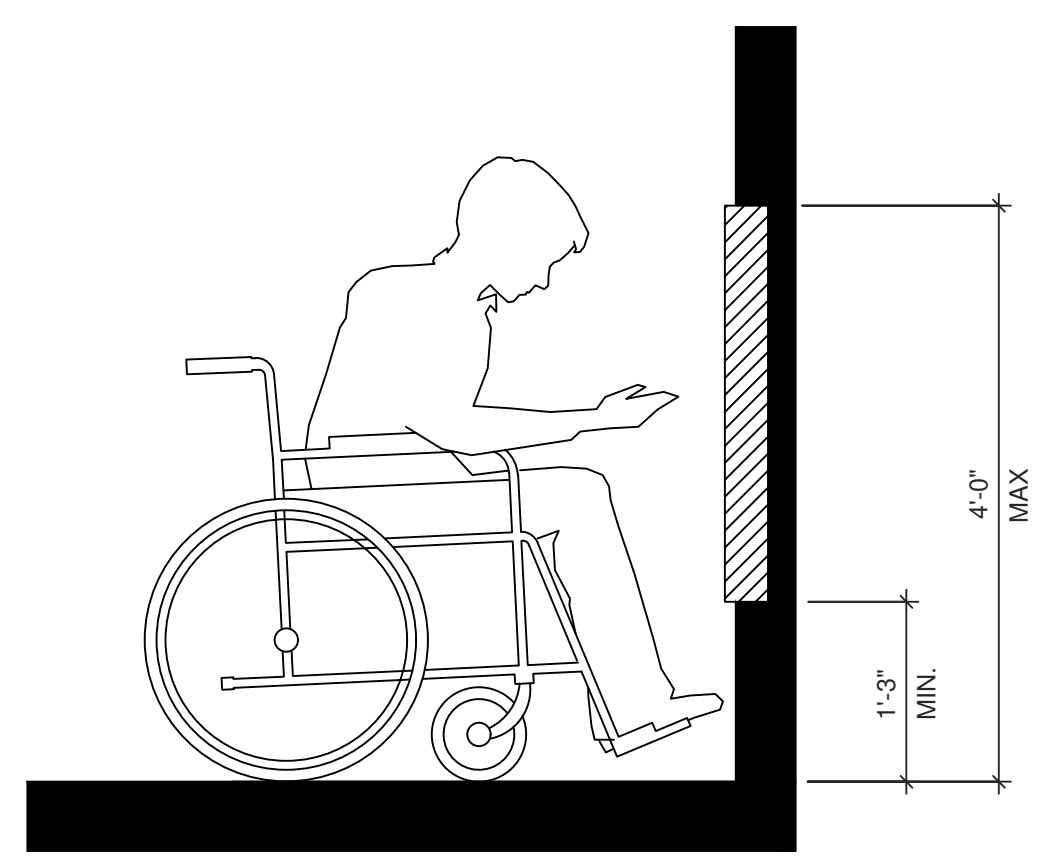
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**A571**



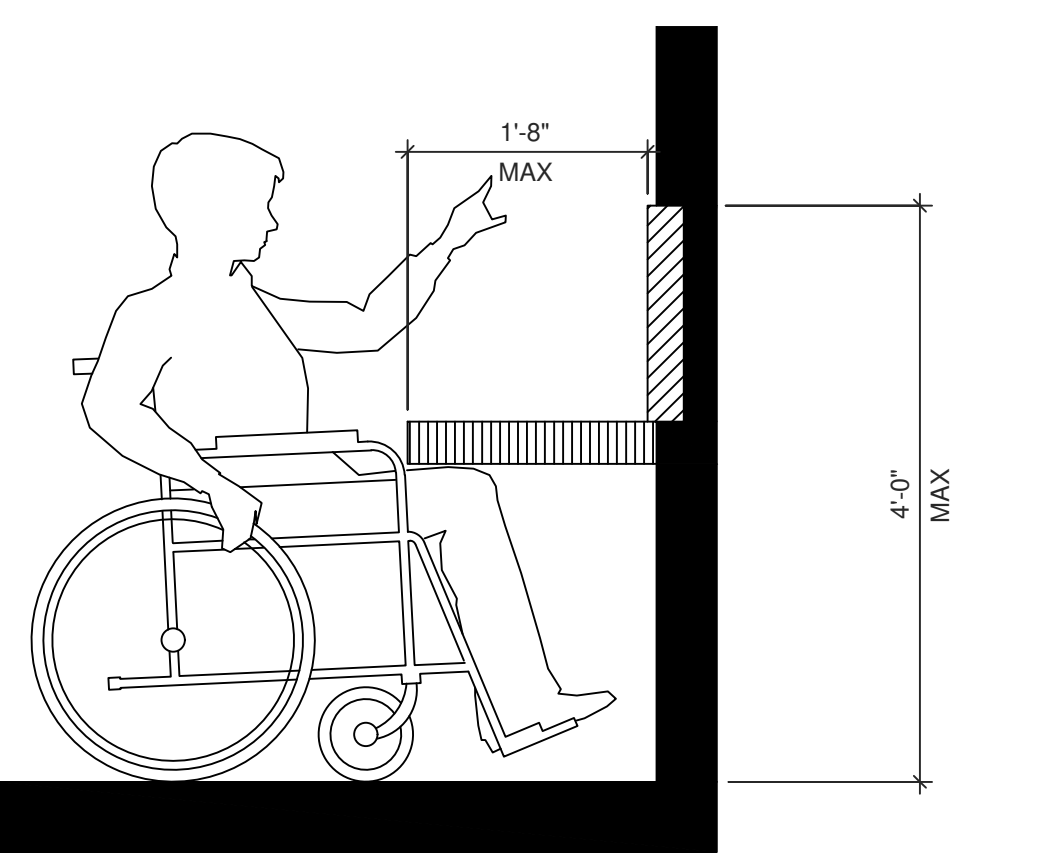
**A3** PROTRUDING OBJECTS

3/4" = 1'-0"



**A4** FORWARD HIGH REACH UNOBSTRUCTED

3/4" = 1'-0"



**A5** FORWARD HIGH REACH OBSTRUCTED

3/4" = 1'-0"

**FLOORING:**  
 PC POLISHED CONCRETE  
 SC SEALED CONCRETE  
 EPOXY NON-SLIP EPOXY FLOOR SYSTEM WITH INTEGRAL COVE BASE

**WALL BASE:**  
 RB-1 RUBBER BASE  
 MANUF JOHNSONITE  
 COLOR 40 BLACK

CTB-1 CERAMIC TILE BASE  
 MANUF AMERICAN OLEAN  
 COLLECTION COLORSTORY WALL  
 COLOR MATTE SHADOW 0016  
 SIZE 6" X 6"  
 GROUT LATICRETE 45 RAVEN  
 CONTACT PAULA GORDON 405.205.6710  
 EMAIL PAULA@METROSURFACES.COM

**WALLS:**  
 CT-1 CERAMIC TILE  
 MANUF ANATOLIA  
 COLLECTION SOHO  
 COLOR CANVAS WHITE  
 SIZE 4 X 12  
 GROUT LATICRETE 45 RAVEN  
 CONTACT PAULA GORDON 405.205.6710  
 EMAIL PAULA@METROSURFACES.COM

WD-1 WOOD SHIPLAP  
 SPECIES WESTERN RED CEDAR  
 FINISH SMOOTH FACE  
 SIZE 1 X 4 SHIPLAP PLANK

WD-2 WOOD WAINSCOT  
 MANUF TERRAMA  
 PRODUCT MISSION OAK ENGINEERED F/P  
 STAIN DARK OIL  
 SIZE 1/2" D X 4 1/2" W X 1' - 7" LENGTHS  
 CONTACT MATT NICHOLS 541.500.7838  
 EMAIL MNICHOLS@TERRAMA.COM

FRP FIBER-REINFORCED PLASTIC PANEL  
 COLOR WHITE

SST STAINLESS STEEL SHEET  
 MANUF ACRYVYN  
 PRODUCT 16-GA STAINLESS STEEL SHEET  
 SIZE 4' X 10'  
 TEXTURE SMOOTH WITH #4 SATIN FINISH

**MILLWORK:**  
 QZ-1 QUARTZ  
 MANUF VICOSTONE  
 PRODUCT QUARTZ  
 COLOR BO8860 CONCRETO  
 FINISH HONED  
 THICKNESS 2 CM

SS-1 SOLID SURFACE  
 MANUF CORIAN  
 PRODUCT SOLID SURFACE  
 COLOR BASALT TERRAZZO

PLAM-1 PLASTIC LAMINATE  
 MANUF WILSONART  
 PRODUCT PLASTIC LAMINATE  
 FINISH FORGED STEEL 4995-60  
 MATTE

PLAM-2 PLASTIC LAMINATE  
 MANUF FORMICA  
 PRODUCT PLASTIC LAMINATE  
 COLOR BLACK 909-PX  
 FINISH PLEX

PLAM-3 PLASTIC LAMINATE  
 MANUF FORMICA  
 PRODUCT PLASTIC LAMINATE  
 COLOR MILLENIUM OAK 05887-NT  
 FINISH NATURELLE TEXTURE

**CEILING:**  
 GYP GYPSUM, PAINTED

ACT-1 ACOUSTICAL CEILING TILE  
 MANUF ARMSTRONG  
 SERIES CLEAN ROOM VL WHITE  
 SIZE 2 X 2 SQUARE LAY-IN

GCMP-1 GALVANIZED CORRUGATED  
 METAL PANEL CEILING

**PAINT:**  
 PT-1 SHERWIN WILLIAMS  
 MANUF DIVINE WHITE SW 6105  
 COLOR

PT-2 SHERWIN WILLIAMS  
 MANUF IRON ORE SW 7069  
 COLOR

PT-3 SHERWIN WILLIAMS  
 MANUF GREENBLACK SW6994  
 COLOR

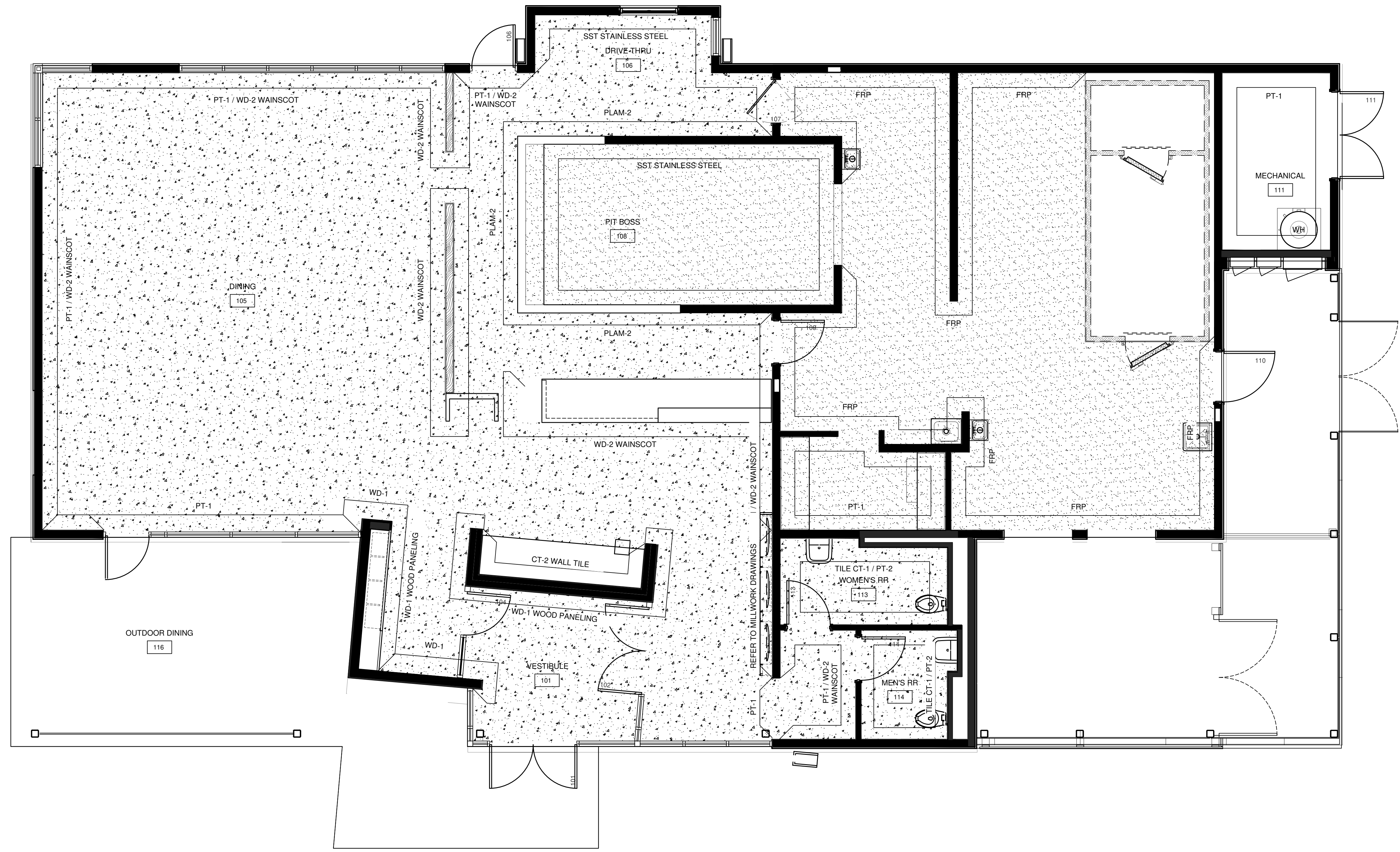
**ROLLER SHADES:**  
 MANUF MECHOSHADE  
 PRODUCT THERMOVEIL BASKET WEAVE  
 COLOR TBD  
 OPERATION TBD  
 MANUAL

**TRIM PIECES:**  
 TR-1 SCHLUTER  
 MANUF QUADEC  
 PRODUCT TEXTURE COLOR COATED ALUMINUM,  
 FINISH M55 BLACK

TR-2 FRY REGLET  
 MANUF MILLWORK REVEAL L ANGLE W/ RETURN KEY  
 PRODUCT BLACK POWDERCOAT  
 FINISH

TR-3 FRY REGLET  
 MANUF MILLWORK 1/8" POST TERMINATION  
 PRODUCT BLACK POWDERCOAT  
 FINISH

**4 FINISH LEGEND**

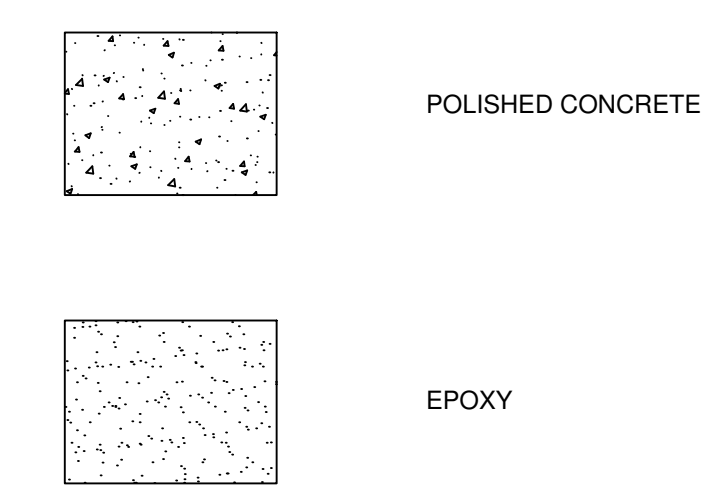


**2 FINISH PLAN**  
 1/4" = 1'-0"

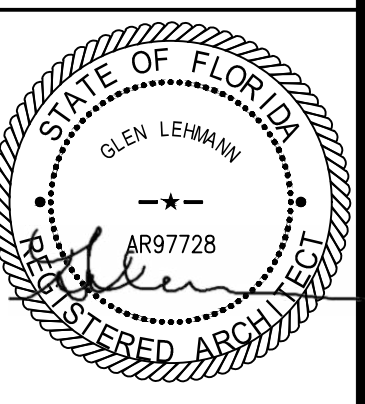
**3 ROOM FINISH SCHEDULE**

| MARK | ROOM NAME        | FLOOR | WALLS |             |             |             |             | CEILING     | NOTES |
|------|------------------|-------|-------|-------------|-------------|-------------|-------------|-------------|-------|
|      |                  |       | BASE  | NORTH       | EAST        | SOUTH       | WEST        |             |       |
| 101  | VESTIBULE        | PC    | RB-1  | WD-1        | -           | -           | -           | GCMP-1      |       |
| 102  | WAITING          | PC    | RB-1  | -           | PT-1        | PT-1        | PT-1        | GCMP-1      |       |
| 103  | ORDERING         | PC    | RB-1  | PT-1        | PT-1        | PT-1        | PT-1        | O.T.S./PT-3 |       |
| 104  | EXIT             | PC    | RB-1  | PT-1        | PT-1        | WD-1        | WD-1        | GCMP-1      |       |
| 105  | DINING           | PC    | RB-1  | PT-1 / WD-2 | PT-1 / WD-2 | PT-1 / WD-2 | PT-1 / WD-2 | O.T.S./PT-3 |       |
| 106  | DRIVE THRU       | PC    | RB-1  | PT-1        | PT-1        | PT-1        | PT-1        | O.T.S./PT-3 |       |
| 107  | DISH WASH        | EPOXY | EPOXY | FRP         | FRP         | FRP         | FRP         | ACT-1       |       |
| 108  | PIT BOSS         | EPOXY | EPOXY | SST         | SST         | SST         | SST         | ACT-1       |       |
| 109  | DRY STORAGE      | EPOXY | EPOXY | FRP         | FRP         | FRP         | FRP         | ACT-1       |       |
| 110  | SMOKER LOADING   | EPOXY | EPOXY | FRP         | FRP         | FRP         | FRP         | ACT-1       |       |
| 111  | MECHANICAL       | SC    | RB-1  | PT-1        | PT-1        | PT-1        | PT-1        | O.T.S.      |       |
| 112  | OFFICE / NETWORK | EPOXY | EPOXY | PT-1        | PT-1        | PT-1        | PT-1        | ACT-1       |       |
| 113  | WOMENS RR        | PC    | CTB-1 | CT-1/PT-2   | CT-1/PT-2   | CT-1/PT-2   | CT-1/PT-2   | GYP/PT-2    |       |
| 114  | MENS RR          | PC    | CTB-1 | CT-1/PT-2   | CT-1/PT-2   | CT-1/PT-2   | CT-1/PT-2   | GYP/PT-2    |       |
| 115  | HALL             | PC    | RB-1  | WD-2/PT-1   | WD-2/PT-1   | WD-2/PT-1   | WD-2/PT-1   | GYP/PT-1    |       |
| 118  | SMOKER ENCLOSURE | -     | -     | -           | -           | -           | -           | -           |       |

**1 FINISH PLAN LEGEND**  
 N.T.S.



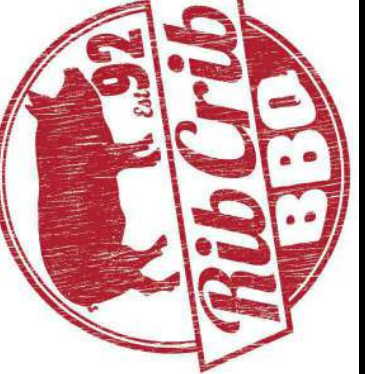
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 Plotted by: chudson  
 Printed Date: Aug 12, 2022 2:23pm



8/12/22

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**RIB CRIB GEN 6 PROTOTYPE**  
 Location: GATEWAY CROSSING, CENTURION WAY  
 LAKE CITY, FLORIDA 32055  
 Drawing: FINISH PLAN and ROOM FINISH SCHEDULE



**Revisions**

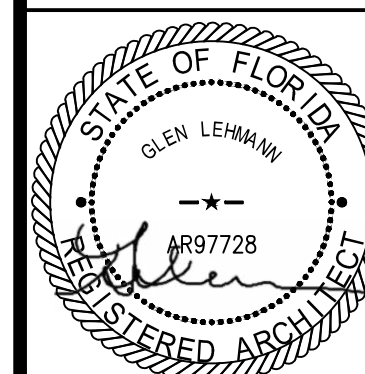
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PROJECT DATE  
08/12/2022

Drawn By  
**CDK**

Checked By  
**NRD**

Sheet No.  
**A601**



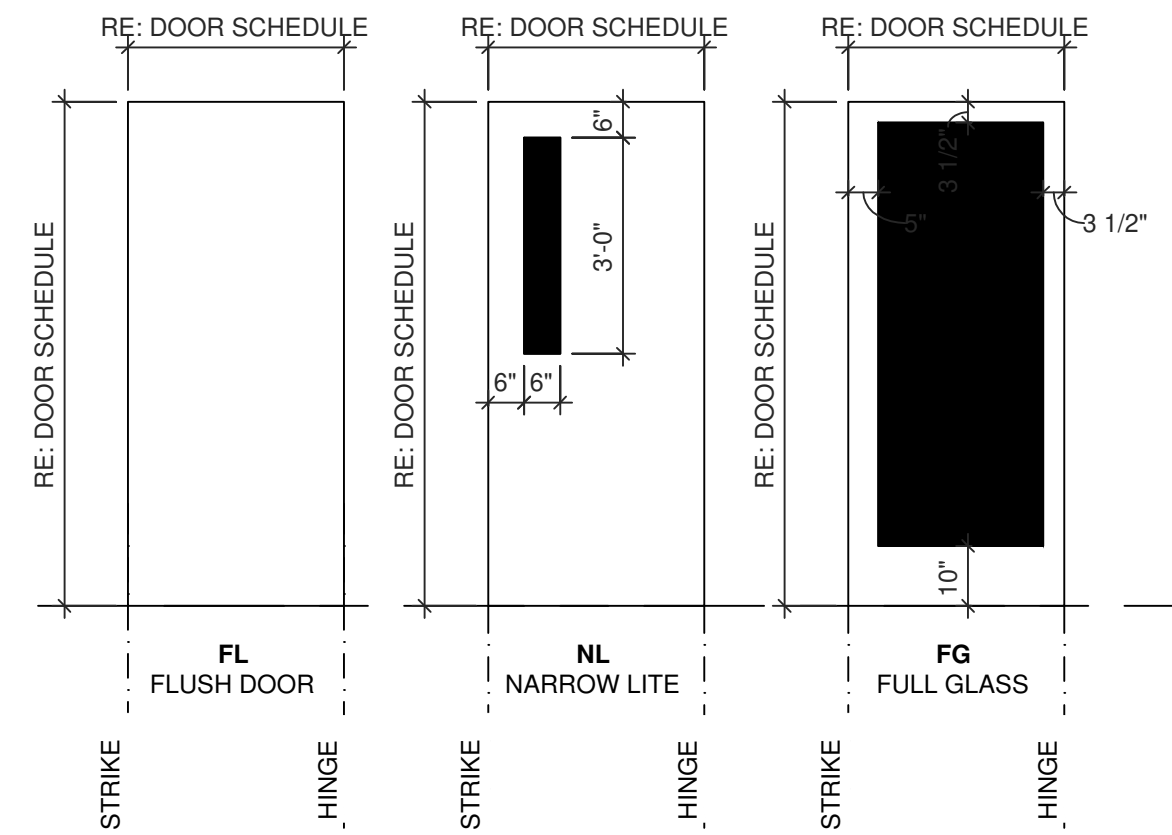
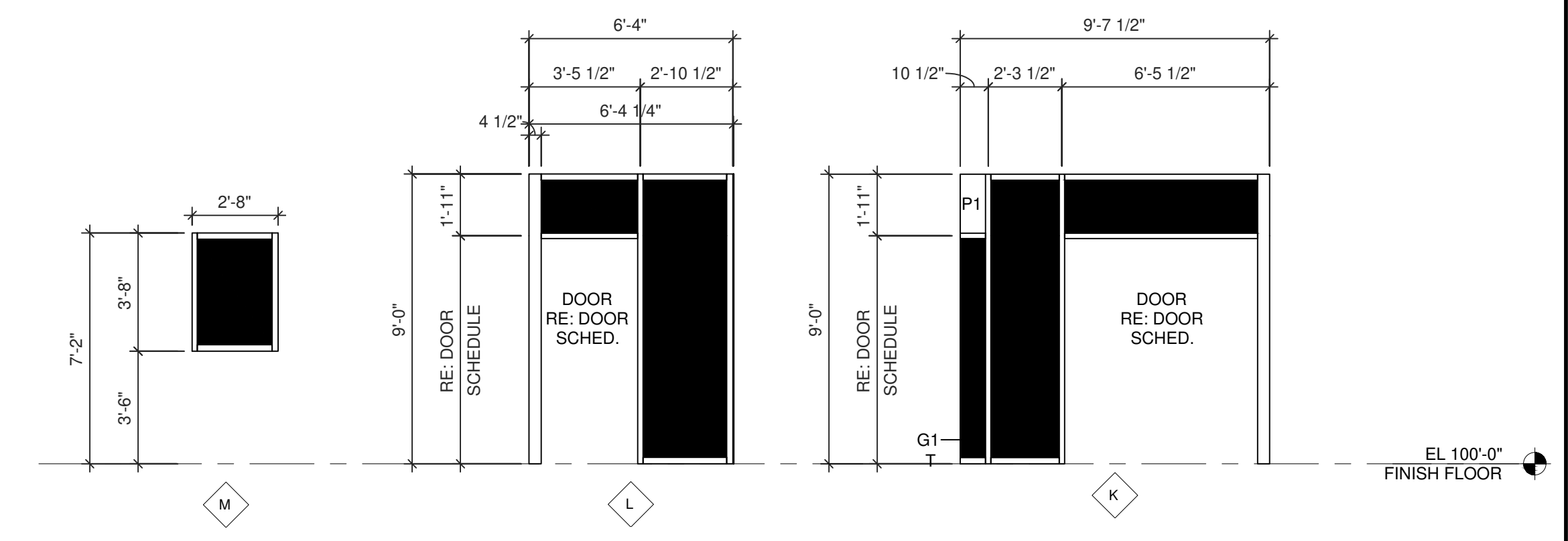
8/12/22

| DOOR NO.     | ROOM NAME        | DOOR |        |       | FRAME  |        | FIRE RATING MINUTES | HDW SET NO. | DETAIL  |      |            | NOTES      |                    |
|--------------|------------------|------|--------|-------|--------|--------|---------------------|-------------|---------|------|------------|------------|--------------------|
|              |                  | TYPE | QTY    | WIDTH | HEIGHT | FINISH |                     |             | GLAZING | TYPE | FINISH     |            | HEAD               |
| FINISH FLOOR |                  |      |        |       |        |        |                     |             |         |      |            |            |                    |
| 101          | VESTIBULE        | FG   | DOUBLE | 6'-0" | 7'-0"  | PT     | G2                  | A           | PT      | -    | 3/A501     | 7/A503     | 9/A602             |
| 102          | VESTIBULE        | FG   | DOUBLE | 6'-0" | 7'-0"  | PT     | G2                  | K           | PT      | -    | 3/A501 SIM | 4/A503 SIM | 9/A602             |
| 104          | EXIT             | FG   | SINGLE | 3'-0" | 7'-0"  | PT     | G2                  | L           | PT      | -    | 3/A501 SIM | 4/A503     | 9/A602             |
| 105          | DINING           | FG   | SINGLE | 3'-0" | 7'-0"  | PT     | G2                  | -           | PT      | -    | 9/A501     | 2/A503     | 9/A602             |
| 106          | ORDERING         | FG   | SINGLE | 3'-0" | 7'-0"  | PT     | G2                  | M           | PT      | -    | 9/A501     | 11/A503    | 9/A602             |
| 110          | SMOKER ENCLOSURE | FL   | SINGLE | 3'-6" | 7'-0"  | PT     | -                   | N           | PT      | -    | 15/A602    | 16/A602    | 9/A602             |
| 111          | MECHANICAL       | FL   | DOUBLE | 3'-0" | 7'-0"  | PT     | -                   | N           | PT-2    | -    | 15/A602    | 16/A602    | 9/A602             |
| 107          | DISH WASH        | NL   | SINGLE | 3'-0" | 7'-0"  | PLAM   | G2                  | P           | PT-2    | -    | 10/A602    | 11/A602    | DOUBLE ACTING DOOR |
| 108          | ORDERING         | NL   | SINGLE | 3'-0" | 7'-0"  | PLAM   | G2                  | N           | PT-2    | -    | 12/A602    | 17/A602    | -                  |
| 114          | MEN'S RR         | FL   | SINGLE | 3'-0" | 7'-0"  | PLAM-3 | -                   | N           | PT-2    | -    | 12/A602    | 17/A602    | -                  |
| 113          | WOMEN'S RR       | FL   | SINGLE | 3'-0" | 7'-0"  | PLAM-3 | -                   | N           | PT-2    | -    | 12/A602    | 17/A602    | -                  |

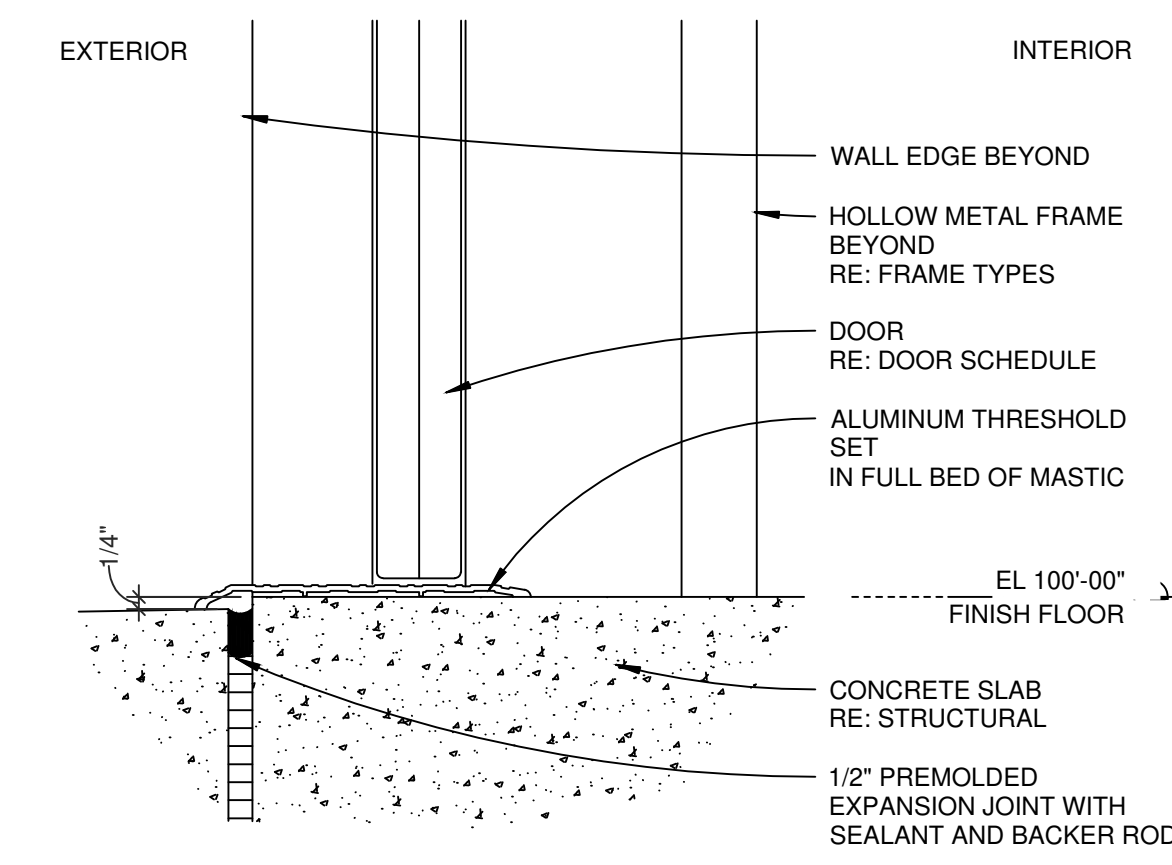
**DOOR PANEL AND FRAME SCHEDULE NOTES:**

- REFERENCE DOOR AND FRAME SCHEDULE FOR ALL PANEL AND FRAME HEIGHTS AND WIDTHS
- ALL JAMBS ARE 2" UNLESS NOTED OTHERWISE
- ALL "S" FRAMES ARE 2" HEAD UNLESS NOTED OTHERWISE
- PT FINISH IS RIB CRIB CUSTOM RED COLOR

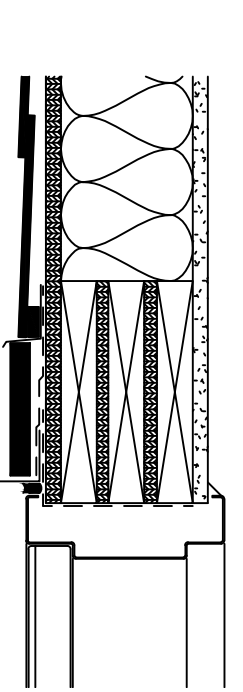
**13 DOOR SCHEDULE AND NOTES**



**14 DOOR TYPES**



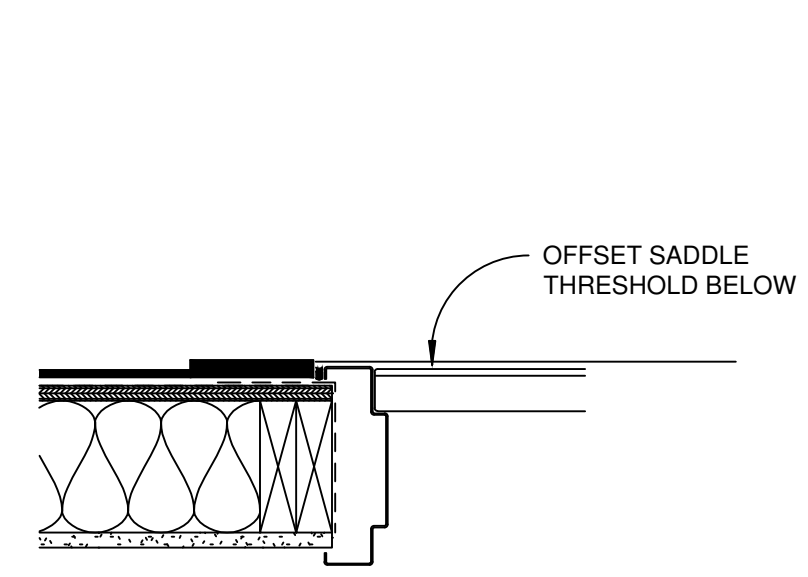
**9 EXTERIOR THRESHOLD**



**HM EXTERIOR DOOR HEAD**

**15**

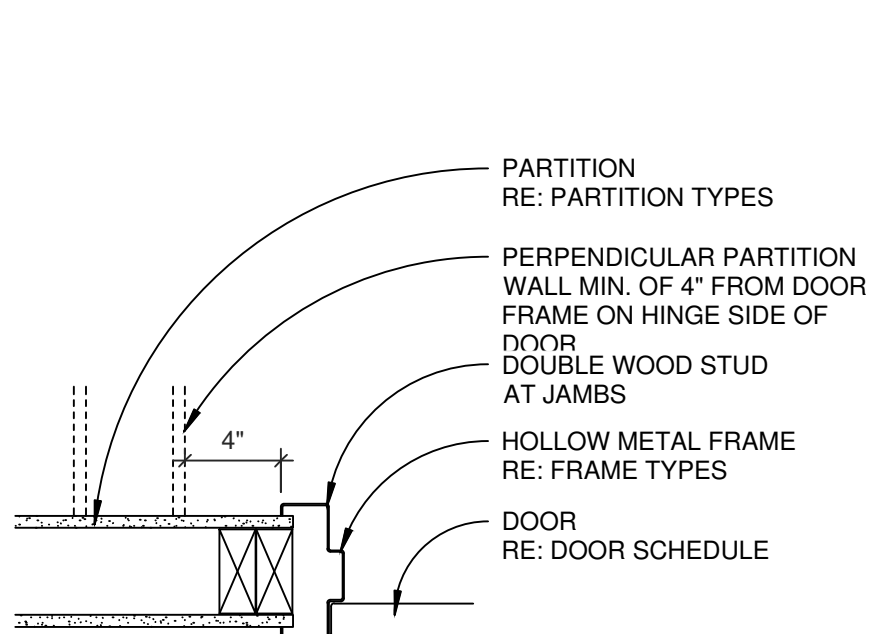
1 1/2" = 1'-0"



**HM DOOR JAMB**

**16**

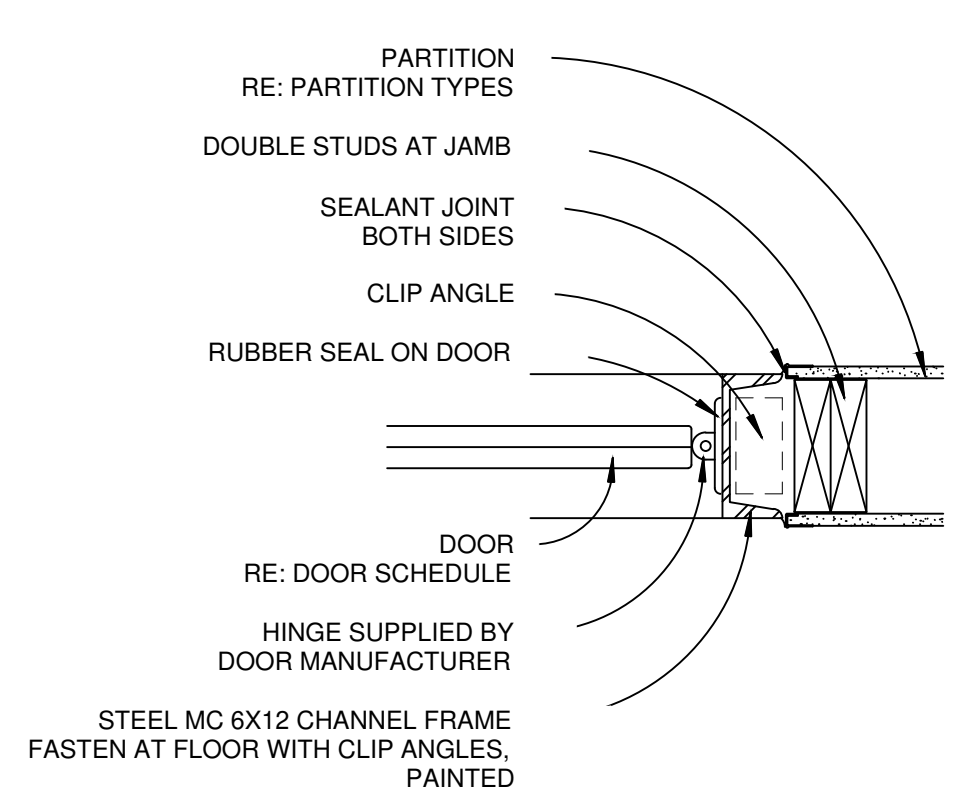
1 1/2" = 1'-0"



**TYPICAL HM JAMB**

**17**

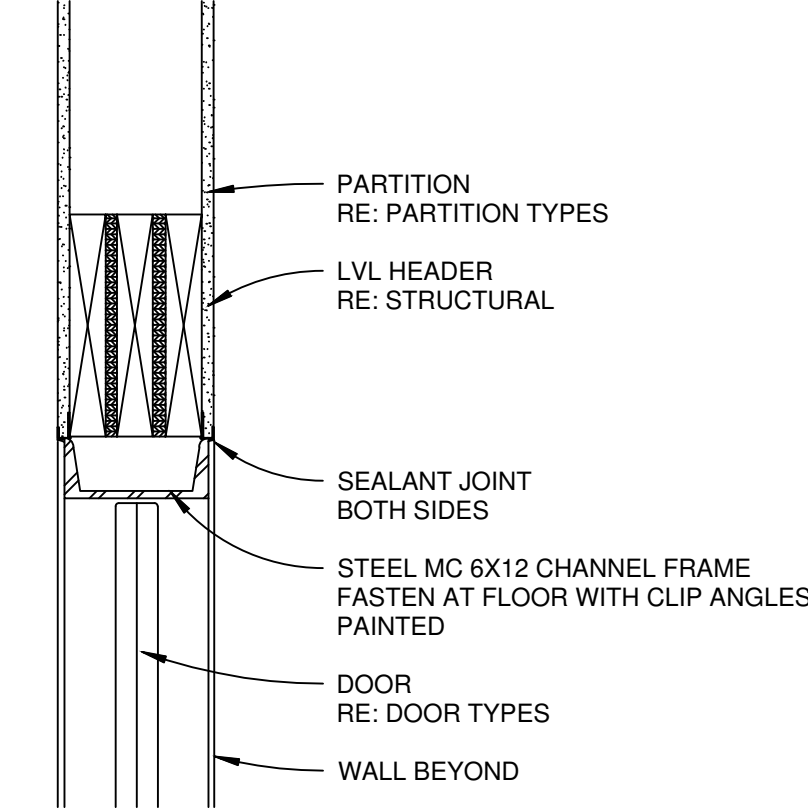
1 1/2" = 1'-0"



**TRAFFIC DOOR JAMB**

**11**

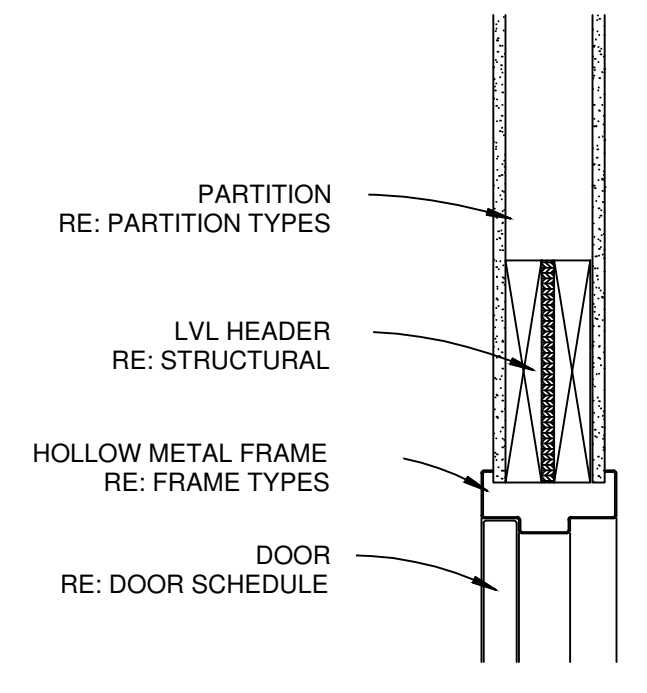
1 1/2" = 1'-0"



**HEAD DETAIL**

**10**

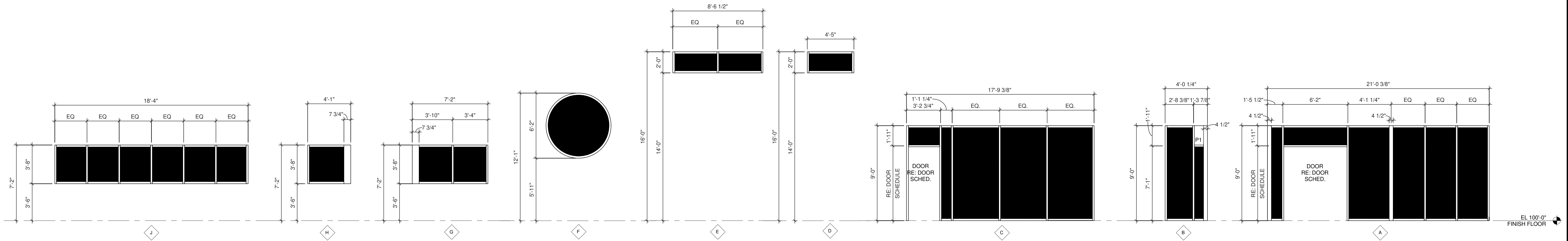
1 1/2" = 1'-0"



**DETAIL**

**12**

1 1/2" = 1'-0"

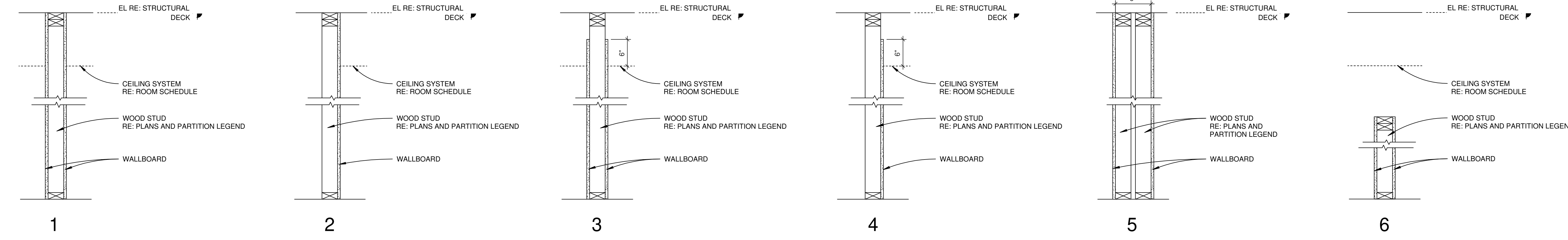


**8 FRAME TYPES**

1/4" = 1'-0"

**GLAZING LEGEND**

|     |   |
|-----|---|
| G1: | 1" THICK INSULATED GLAZING UNIT, LOW E COATING                    |
| G2: | 1/4" THICK GLAZING  |
| T:  | TEMPERED  |
| P1: | 1" THICK INSULATED METAL PANEL, FINISH TO MATCH STOREFRONT SYSTEM |



**PARTITION TAG LEGEND**

|       |                         |
|-------|-------------------------|
| —     | CORE MATERIAL AND DEPTH |
| W4-11 | PARTITION NUMBER        |

**CORE MATERIAL AND DEPTH**

(W) WOOD FRAMING DEPTHS  
W4 = 2x4 NOMINAL WOOD FRAMING  
W6 = 2x6 NOMINAL WOOD FRAMING  
W8 = 2x8 NOMINAL WOOD FRAMING

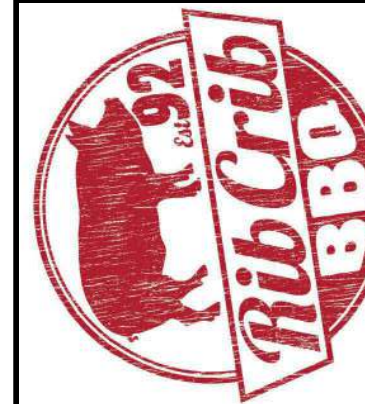
**SOUND ATTENUATION**

REFER TO FLOOR PLANS AND SECTIONS FOR EXTENT OF SOUND ATTENUATION BLANKET.

**7 PARTITION LEGEND**

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA, 32055  
Drawing: DOOR SCHEDULE/FRAME TYPES



**Revisions**

|      |          |     |
|------|----------|-----|
| THRU | ADDENDUM | " " |
|      |          |     |
|      |          |     |
|      |          |     |
|      |          |     |

PROJECT DATE  
08/12/2022

Drawn By  
**CDK**

Checked By  
**NRD**

Sheet No.  
**A602**

**D1 BASE CONDITIONS**  
3" = 1'-0"

**RECESSED BASE (STRAIGHT OR COVE)**  
MATERIALS Rubber, vinyl, laminate, ceramic tile (SIM), sheet good with flash cove installation (SIM)  
CAUTIONS Consider base finish as it relates to durability, maintenance and wear over time. Consider base profile as it relates to straight vs. cove base.

**ZERO BASE (FLOATING CABINET)**  
CAUTIONS Consider increased support requirements.

**RECESSED INTEGRAL BASE (Base is integral to the cabinet door, providing an ADA forward approach.)**  
MATERIALS Rubber, Vinyl, Laminate  
CAUTIONS Consider base finish as it relates to durability, maintenance and wear over time.

**RECESSED BASE (FLOATING CABINET)**  
MATERIALS Rubber, vinyl, laminate.  
CAUTIONS More exposed and vulnerable leading edge

**FLUSH BASE TO MATCH CABINET FACE**  
MATERIALS Solid WOOD, solid surface, laminate.  
CAUTIONS Consider base finish as it relates to durability, maintenance and wear over time. Consider limitations of space.

**FURNITURE FOOT AS BASE**  
CAUTIONS Design around actual off-the-shelf product. Product shown is a Häfele furniture foot.

**4D UPPER CABINET EDGE**  
3" = 1'-0"

|  |  |
|--|--|
|  | <b>DESCRIPTION</b> Door overhangs bottom panel of cabinet box, eliminating the need for door pull hardware.<br><b>CAUTIONS</b> Confirm no overhead lighting with client.   |
|  | <b>DESCRIPTION</b> Door overhangs bottom panel of cabinet box, eliminating the need for door pull hardware. Under-cabinet lighting concealed below.<br><b>PRODUCT</b> Undercabinet lighting: Celestial Lighting Andromeda LC series shown<br><b>CAUTIONS</b> Consider sightlines of U/C lighting and coordinate switching with electrical. |
|  | <b>DESCRIPTION</b> Bottom edge of door aligns with bottom panel of cabinet box, door pull or touch latch.<br><b>PRODUCT</b> Forms + Surfaces Mesa pull shown<br><b>CAUTIONS</b> Confirm no undercabinet lighting required  |
|  | <b>DESCRIPTION</b> Door overhangs bottom panel of cabinet box, creating a lip for undercabinet lighting. Door pull or touch latch attached to door.<br><b>PRODUCT</b> Undercabinet lighting: Celestial Lighting Andromeda LC series shown<br><b>CAUTIONS</b> Consider sightlines of U/C lighting and coordinate switching with electrical. |
|  | <b>DESCRIPTION</b> No door (open upper cabinet) with undercabinet lighting.<br><b>PRODUCT</b> Undercabinet lighting: Celestial Lighting Andromeda LC Series<br><b>CAUTIONS</b> Consider sightlines of U/C lighting and coordinate switching with electrical.   |
|  | <b>DESCRIPTION</b> Open upper cabinet or floating shelf with undercabinet lighting.<br><b>PRODUCT</b> Undercabinet lighting: Celestial Lighting Andromeda LC Series<br><b>CAUTIONS</b> Consider sightlines of U/C lighting and coordinate switching with electrical.   |

**5D HARDWARE OPTIONS**  
3" = 1'-0"

|  |   |
|--|---|
|  | <b>TAB PULL</b><br><b>PRODUCT</b> Forms + Surfaces Mesa: anodized aluminum satin clear or matte black<br><b>USES</b> General use, high design areas<br><b>SIZES</b> Depth: 1-1/2"; Width: 1-1/2", 2-1/4" or 3-1/2" are typical with other sizes available per the manufacturer.<br><b>COST</b> \$\$\$ |
|  | <b>EXTRUDED ALUMINUM PULL</b><br><b>PRODUCT</b> Häfele extruded handle: black, silver anodized (matte) or satin aluminum.<br><b>USES</b> High design areas where a reveal is desired. Manufactured in long runs and cut to fit width.<br><b>SIZES</b> \$\$\$<br><b>COST</b> \$\$\$                    |
|  | <b>SQUARE PULL</b><br><b>PRODUCT</b> Doug Mockett DP104A-17S (satin nickel) or DP105A-26M (matte chrome)<br><b>USES</b> General use, minimal appearance.<br><b>SIZES</b> Profile: 1/2"; depth: 1-1/4"<br><b>COST</b> \$   |
|  | <b>RING PULL</b><br><b>PRODUCT</b> Emtek brass ring knob #86270, available in satin nickel, flat black and polished chrome.<br><b>USES</b> General use, minimal appearance.<br><b>SIZES</b> Projection: 1-1/4"; width: 1-1/4"<br><b>COST</b> \$\$\$   |
|  | <b>TOUCH LATCH</b><br><b>USES</b> Where no visible hardware is desired.<br><b>COST</b> \$   |
|  | <b>WIRE PULL</b><br><b>USES</b> General use. Do not use this pull if at all possible!<br><b>SIZES</b> Diameter: 5/16"; height: 4"<br><b>COST</b> \$   |

**A1 BACKSPLASH CONDITION DETAILS**  
3" = 1'-0"

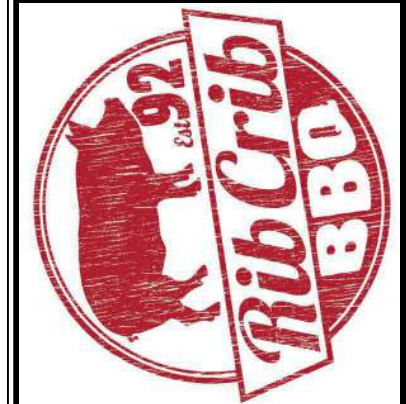
|   |   |
|---|---|
| <b>LAMINATE BACKSPLASH DETAILS</b>  | <b>SOLID SURFACE BACKSPLASH DETAILS</b>   |
| <p><b>ZERO BACKSPLASH</b><br/><b>USES</b> General use<br/><b>CAUTIONS</b> Typically not suitable for wet locations. Verify whether additional wall protection is necessary.<br/><b>COST</b> \$</p> <p><b>LAMINATE BACKSPLASH, POSTFORMED (Max. face radius of 9/16", Max. back radius 3/16")</b><br/><b>USES</b> With phenolic backed laminates, wet conditions, high dirt areas, hospitals, general use<br/><b>CAUTIONS</b> Verify whether additional wall protection is necessary. Substrate at wet locations to be marine grade plywood<br/><b>COST</b> \$</p> <p><b>SQUARE LAMINATE BACKSPLASH</b><br/><b>USES</b> With dark phenolic backed laminates or through-color laminates, wet conditions, and general use.<br/><b>CAUTIONS</b> Verify whether additional wall protection is necessary. Substrate at wet locations to be marine grade plywood. Do not use with light colored phenolic backed laminates.<br/><b>COST</b> \$ (Phenolic backed laminate)<br/>\$\$ (Through color laminate)</p> <p><b>1/2"x1/2" STEEL BAR FIXED TO WALL AND COUNTERTOP</b><br/><b>USES</b> Minimal backsplash desired, more highly designed locations.<br/><b>CAUTIONS</b> When implemented at wet locations, specify water resistant wall finish above steel bar.<br/><b>COST</b> \$</p> <p><b>TILE BACKSPLASH</b><br/><b>USES</b> Wet locations, more highly designed locations, and high traffic areas.<br/><b>CAUTIONS</b> Additional costs incurred when specifying tile (product + install labor).<br/><b>COST</b> \$\$\$</p> <p><b>TILE BACKSPLASH</b><br/><b>USES</b> Wet locations, more highly designed locations, and high traffic areas.<br/><b>CAUTIONS</b> Additional costs incurred when specifying tile (product + install labor).<br/><b>COST</b> \$\$\$</p> | <p><b>ZERO BACKSPLASH</b><br/><b>USES</b> General use<br/><b>CAUTIONS</b> Typically not suitable for wet locations. Verify whether additional wall protection is necessary.<br/><b>COST</b> \$</p> <p><b>SQUARE COUNTER MATCH BACKSPLASH</b><br/><b>USES</b> General use, wet conditions.<br/><b>CAUTIONS</b> Verify whether additional wall protection is necessary.<br/><b>COST</b> \$</p> <p><b>1/2"x1/2" STEEL BAR FIXED TO WALL AND COUNTERTOP</b><br/><b>USES</b> Minimal backsplash desired, more highly designed locations.<br/><b>CAUTIONS</b> When implemented at wet locations, specify water resistant wall finish above steel bar.<br/><b>COST</b> \$</p> <p><b>TILE BACKSPLASH</b><br/><b>USES</b> Wet locations, more highly designed locations, and high traffic areas.<br/><b>CAUTIONS</b> Additional costs incurred when specifying tile (product + install labor).<br/><b>COST</b> \$\$\$</p> <p><b>BACKSPLASH WITH TERMINATION, SHELF, PICTURE RAIL, TRIM</b><br/><b>USES</b> Wet conditions, more highly designed locations.<br/><b>CAUTIONS</b> Additional cost related to materials and installation.<br/><b>COST</b> \$\$\$</p> |

**4A COUNTER EDGE CONDITIONS**  
3" = 1'-0"

|   |  |
|---|--|
| <b>SOLID SURFACE</b>  | <b>LAMINATE SURFACE</b>  |
| <p><b>DOUBLE-EASED EDGE, THIN PROFILE (Thickness of product determines edge profile depth)</b><br/><b>MATERIALS</b> Acrylic, resin, fiber, or composite solid surface.<br/><b>USES</b> More highly designed areas, high abuse areas and wet conditions.<br/><b>COST</b> \$\$-\$\$\$</p> <p><b>EXTENDED DOUBLE-EASED EDGE, THIN PROFILE, NO BASE CABINET</b><br/><b>MATERIALS</b> Acrylic, resin, fiber, or composite solid surface.<br/><b>USES</b> More highly designed areas, high abuse areas and wet conditions.<br/><b>COST</b> \$\$-\$\$\$</p> <p><b>DOUBLE-EASED EDGE AND MITERED DROP</b><br/><b>MATERIALS</b> Acrylic solid surface.<br/><b>USES</b> More highly designed areas, high abuse areas and wet conditions.<br/><b>COST</b> \$\$-\$\$\$\$</p> <p><b>SINGLE-EASED EDGE AND MITERED DROP</b><br/><b>MATERIALS</b> Acrylic solid surface.<br/><b>USES</b> More highly designed areas, high abuse areas and wet conditions.<br/><b>COST</b> \$\$-\$\$\$\$</p> <p><b>DOUBLE-EASED EDGE, BUILT UP</b><br/><b>MATERIALS</b> Engineered stone and acrylic or resin solid surface.<br/><b>USES</b> More highly designed areas, high abuse areas and wet conditions.<br/><b>COST</b> \$\$-\$\$\$</p> <p><b>SINGLE-EASED EDGE, BUILT UP</b><br/><b>MATERIALS</b> Engineered stone and acrylic or resin solid surface.<br/><b>USES</b> More highly designed areas, high abuse areas and wet conditions.<br/><b>COST</b> \$\$-\$\$\$</p> <p><b>REVERSE KNIFE EDGE</b><br/><b>MATERIALS</b> Acrylic or fiber composite solid surface.<br/><b>USES</b> More highly designed areas, high abuse areas and wet conditions.<br/><b>COST</b> \$\$-\$\$\$\$</p> | <p><b>WATERFALL EDGE, POSTFORMED (Max. face radius 9/16", max. back radius 3/16")</b><br/><b>USES</b> General use, phenolic backed laminates, wet conditions high dirt areas, and hospitals.<br/><b>CAUTIONS</b> Do not align face of cabinet door below with counter edge in wet conditions. Substrate at wet conditions to be marine grade plywood.<br/><b>COST</b> \$</p> <p><b>BULLNOSE EDGE, POSTFORMED (Max. face radius 9/16", max. back radius 3/16")</b><br/><b>USES</b> General use, phenolic backed laminates, wet conditions, high dirt areas, and hospitals.<br/><b>CAUTIONS</b> Do not align face of base cabinet door with counter edge in wet conditions. Substrate at wet locations to be marine grade plywood. Coordinate depth of countertop edge profile with under-counter equipment to avoid conflicts.<br/><b>COST</b> \$</p> <p><b>SINGLE-EASED EDGE, BUILT UP</b><br/><b>USES</b> More highly designed areas, high abuse areas and wet conditions.<br/><b>CAUTIONS</b> Substrates at wet locations to be marine grade plywood. Coordinate depth of countertop edge profile with under-counter equipment to avoid conflicts.<br/><b>COST</b> \$</p> <p><b>SQUARE SOLID WOOD OR SOLID SURFACE EDGE</b><br/><b>USES</b> Dark phenolic backed laminates, general use, high traffic areas and wet conditions.<br/><b>CAUTIONS</b> Use solid surface edge in lieu of solid WOOD at wet locations.<br/><b>COST</b> \$\$</p> <p><b>WATERFALL EDGE, POSTFORMED (Max. face radius 9/16", max. back radius 3/16")</b><br/><b>USES</b> Phenolic backed laminates, general use and wet conditions.<br/><b>CAUTIONS</b> Do not align face of base cabinet door with counter edge in wet conditions.<br/><b>COST</b> \$</p> <p><b>SQUARE LAMINATE EDGE (Max. face radius 9/16", max. back radius 3/16")</b><br/><b>USES</b> Dark phenolic backed laminates or through color laminates, wet conditions, and general use.<br/><b>CAUTIONS</b> Do not align face of base cabinet with counter edge in wet conditions.<br/><b>COST</b> \$ (phenolic backed laminate)<br/>\$\$ (Through-color laminate)</p> |

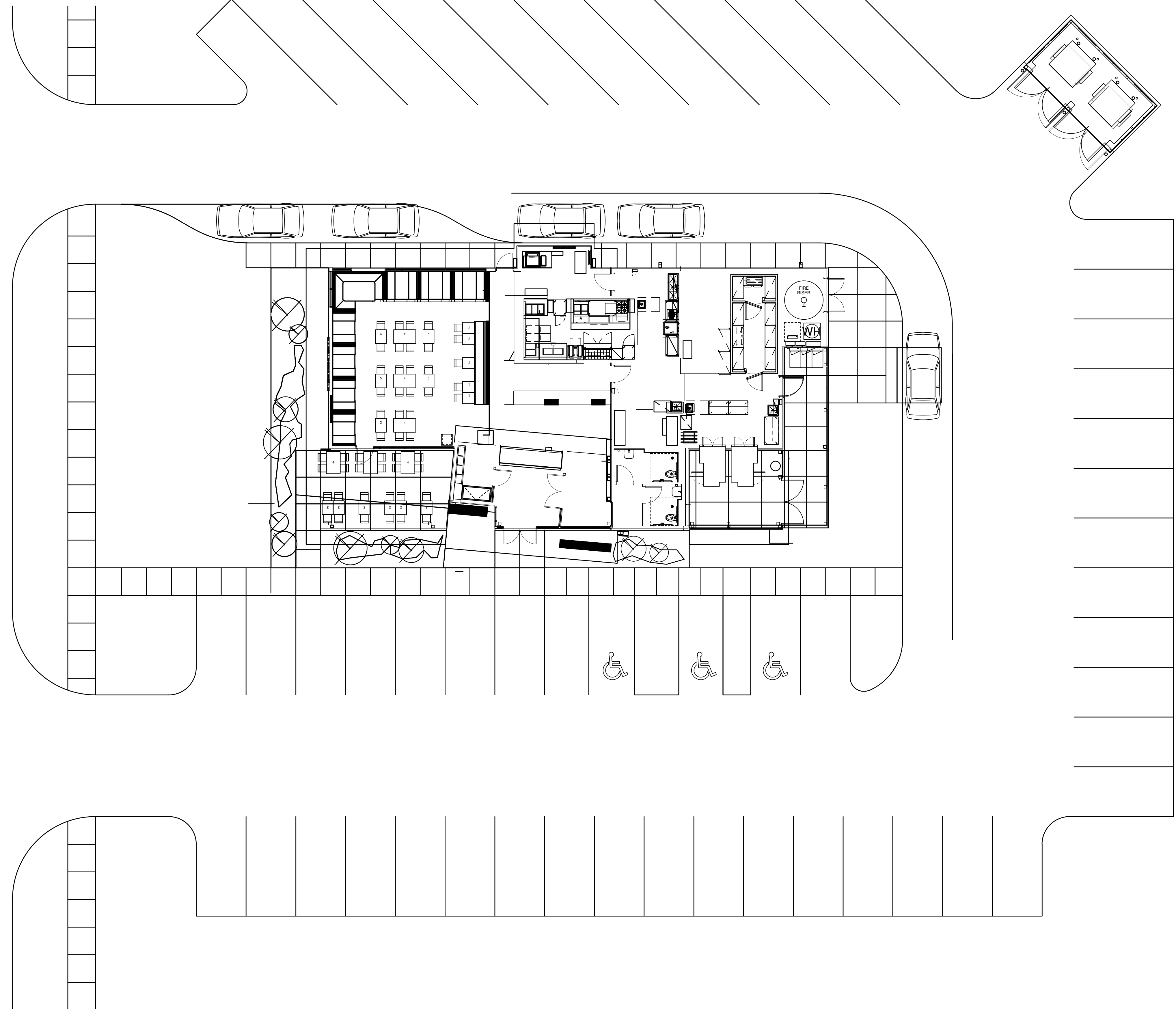
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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: MILLWORK CONDITIONS



| Revisions     |     |
|---------------|-----|
| THRU ADDENDUM | " " |
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Drawing File: C:\Users\chudson\AppData\Local\Temp\46774\46774\_Visit.dwg  
Plotted By: chudson  
Plotted Date: Aug 12, 2022 - 2:20pm



**A1**  
1/16" = 1'-0"

ARCHITECTURAL SITE PLAN

LMHT Project No. 22160.00

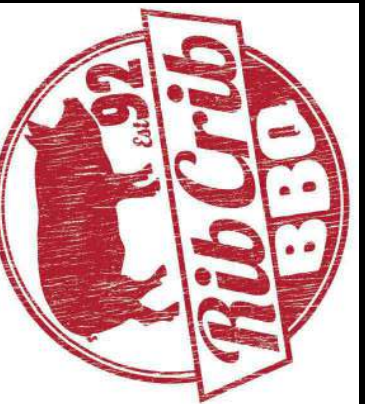
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8/12/22

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA, 32055  
Drawing: ARCHITECTURAL SITE PLAN



| Revisions     |     |
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PROJECT DATE  
08/12/2022  
Drawn By  
**CDK**  
Checked By  
**NRD**

Sheet No.  
**AS101**



GREASE INTERCEPTOR SCHEDULE

Table with columns: MARK, MANUFACTURER & MODEL, DESCRIPTION, INLET (IN), OUTLET (IN), WATER CAPACITY, GREASE / SOLIDS CAPACITY, NUMBER OF COVERS, DIMENSION, WEIGHT, NOTES.

NOTES: 1. PROVIDE SCHEDULED GREASE CAPACITY WITH INTERNAL AIR RELIEF BY PASS, BRONZE CLEANOUT PLUG (WHICH CAN BE USED AS A SAMPLING PORT) AND VISIBLE DOUBLE WALL TRAP SEAL WITH REMOVABLE PRESSURE EQUALIZING FLOW DIFFUSING BAFFLE...

WATER HEATERS / STORAGE TANKS

Table with columns: MARK, AREA SERVED, MANUFACTURER, MODEL, TANK SIZE (GAL), HEAT INPUT (MBH, KW), ELECTRICAL (V, PH, HZ), NOTES.

EXPANSION TANKS

Table with columns: MARK, MANUFACTURER, MODEL, DESCRIPTION.

RECIRCULATION PUMP

Table with columns: MARK, MANUFACTURER, MODEL, PUMP POWER (W, HP, V, PH, HZ), GPM, HEAD (FT), DESCRIPTION.

GENERAL INFORMATION (WATER HEATER): 1. PROVIDE ASME TEMPERATURE AND PRESSURE RELIEF VALVE FOR WATER HEATER. PROVIDE VACUUM RELIEF VALVES FOR ALL WATER HEATER.

PLUMBING FIXTURE SCHEDULE

Table with columns: MARK, FIXTURE, BRANCH SIZES (MIN) (CW, HW, WASTE, VENT), MANUFACTURER, MODEL, DESCRIPTION, TRIM AND ACCESSORIES, NOTES.

GENERAL INFORMATION (ALL FIXTURES): P-TRAP WITH CLEANOUT PLUG AND SINK CONTINUOUS WASTES: POLISHED CHROME-PLATED TUBULAR BRASS, 17 GAUGE WITH BRASS NUTS AND SLIP INSERTS.

FLOOR DRAIN SCHEDULE

Table with columns: MARK, MANUFACTURER, MODEL, DESCRIPTION.

GENERAL INFORMATION (AS APPLICABLE): 1. REFER TO PLANS FOR DRAIN OUTLET SIZE. 2. LOAD CLASSIFICATIONS: LIGHT DUTY <2000 LBS, MEDIUM DUTY 2000 TO 4999 LBS, HEAVY DUTY 5000 TO 7499 LBS, EXTRA HEAVY DUTY 7500 TO 9999 LBS.

CLEANOUT SCHEDULE

Table with columns: MARK, MANUFACTURER, MODEL, DESCRIPTION.

SPECIALTY PLUMBING FIXTURE SCHEDULE

Table with columns: MARK, FIXTURE, MANUFACTURER, MODEL, FIXTURE DESCRIPTION.

PIPE AND FITTINGS

Table listing various pipe and fitting symbols and their corresponding descriptions.

ABBREVIATIONS

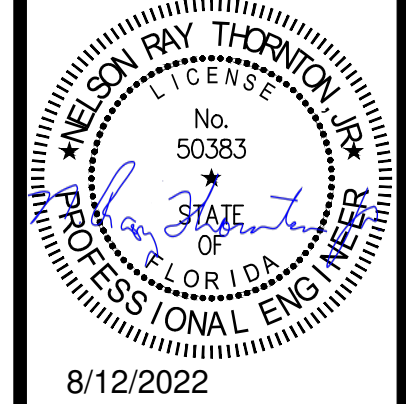
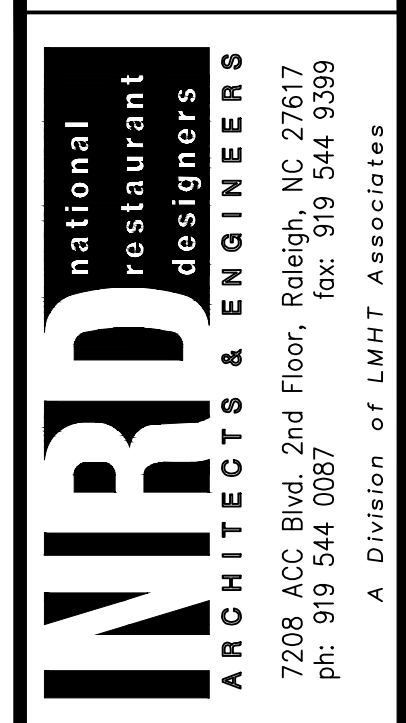
Table listing various abbreviations and their corresponding full names.

SANITARY SEWER GENERAL NOTES

SANITARY SEWER GENERAL NOTES: 1. PROVIDE CLEANOUTS AT LOCATIONS AND WITH CLEARANCES AS REQUIRED BY THE CODE NOT EXCEEDING 100 FEET IN HORIZONTAL RUNS AT EACH CHANGE OF DIRECTION...

DOMESTIC WATER GENERAL NOTES

DOMESTIC WATER GENERAL NOTES: 1. CUTOFF VALVES AND STOPS SHALL BE PROVIDED WHERE SHOWN ON DRAWINGS AND AT FIXTURE CONNECTIONS. 2. TEST ALL WATER SYSTEM IN PRESENCE OF OWNER'S REPRESENTATIVE...



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RIB CRIB GEN 6 PROTOTYPE Location: GATEWAY CROSSING, CENTURION WAY LAKE CITY, FLORIDA 32055 Drawing: PLUMBING NOTES AND SCHEDULES



Revisions: THRU ADDENDUM PROJECT DATE 08/12/2022 Drawn By JCL Checked By SDS Sheet No. P001

LINETYPES

Table showing line types for Potable Cold Water, Potable Hot Water, Potable Hot Water Return, and Vent.

PIPE TAGS

Table showing pipe tags for CW, HW, HWR, V, SS, GW, G, VTR.

GREASE INTERCEPTOR SIZING

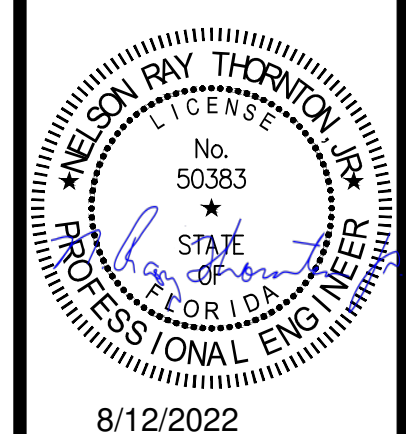
Zurn Green Turtle Sizing Method Module

Table for Zurn Green Turtle Sizing Method Module showing Fixture and Dishwasher Information, Dimensions of each compartment, and Preceptor Sizing.

IF ANY DISCREPANCIES ARE FOUND ON THE PLANS, THE PLUMBING CONTRACTOR SHALL INSTALL THE MORE CONSERVATIVE SPECIFICATION AND CALL ENGINEER FOR CLARIFICATION.

PRIOR TO SUBMITTING BID, CONTRACTOR SHALL VISIT SITE TO EXAMINE SITE CONDITIONS. CONTRACTOR SHALL EXAMINE EXISTING CONDITIONS AND REUSE AND RECONNECT TO EXISTING SERVICE WHERE POSSIBLE. ALL REUSED PIPING AND EQUIPMENT MUST COMPLY WITH STATE AND LOCAL PLUMBING CODE.

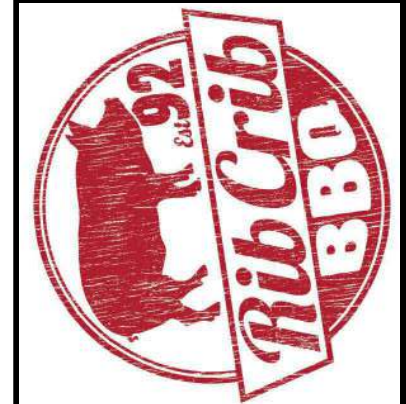
WHILE EVERY ATTEMPT HAS BEEN MADE IN THE PREPARATION OF THIS PLAN TO AVOID MISTAKES, THE DESIGNER AND COMPANY CANNOT GUARANTEE AGAINST ERROR OR UNFORSEEN FIELD CONDITIONS. THE CONTRACTOR OR BUILDER MUST CHECK ALL DIMENSIONS, DETAILS AND REPORT ANY DISCREPANCIES.



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**RIB CRIB GEN 6 PROTOTYPE**  
 Location: GATEWAY CROSSING, CENTURION WAY  
 LAKE CITY, FLORIDA 32055  
 Drawing: SANITARY PLAN



**Revisions**

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PROJECT DATE  
 08/12/2022  
 Drawn By  
**JCL**  
 Checked By  
**SDS**  
 Sheet No.

**P101**

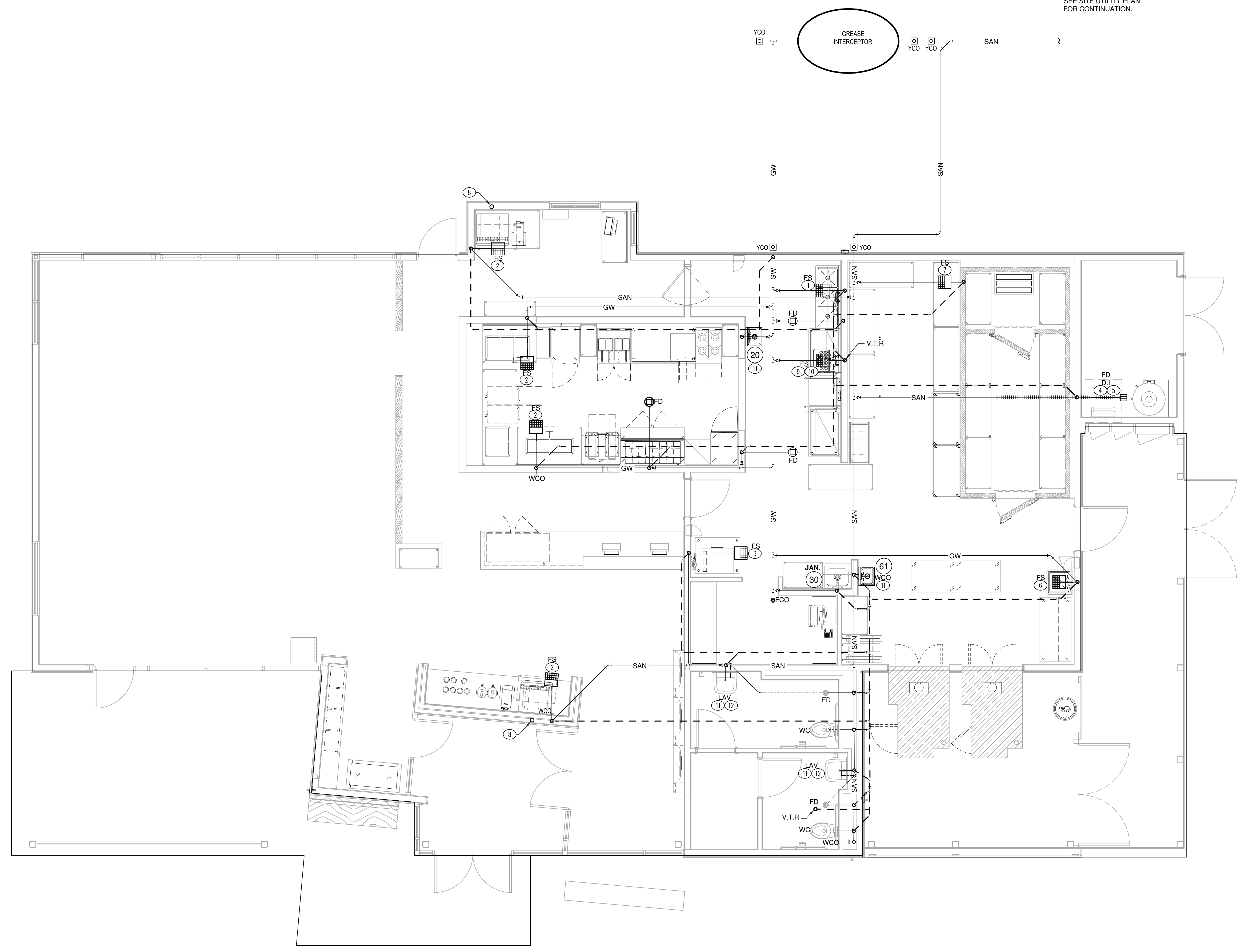
**GENERAL NOTES:**

- SEE SHEET P001 FOR ALL GENERAL NOTES.
- SEE RISER DIAGRAMS FOR ALL PIPE SIZES NOT SHOWN.
- FIELD VERIFY ALL INVERTS BEFORE THE START OF ANY WORK.
- SEE FOUNDATION PLANS FOR PIPES THROUGH WALLS AND FOOTING DETAILS.

**CONSTRUCTION NOTES:**

- ROUTE 2" SINK COMPARTMENT DRAINS INDIVIDUALLY TO FLOOR SINK. PROVIDE AIR GAP TWICE THE DIAMETER OF THE DRAIN PIPE.
- ROUTE EQUIPMENT DRAIN(S) DOWN TO FLOOR RECEPTOR. PROVIDE AIR GAP TWICE THE DIAMETER OF THE DRAIN PIPE.
- ROUTE ICE MACHINE DRAIN PIPING INDIRECTLY AT 1/8" PER/FT SLOPE TO FLOOR SINK. TERMINATE WITH AIR GAP TWICE THE DIAMETER OF THE DRAIN PIPING.
- ROUTE WATER HEATER T&P RELIEF VALVE INDIRECTLY TO FLOOR DRAIN AND TERMINATE WITH AIR GAP TWICE THE DIAMETER OF THE DRAIN PIPE.
- THE PLUMBING CONTRACTOR SHALL PROVIDE CAST IRON P-TRAP AND 10' MINIMUM OF CAST IRON WASTE PIPING LEADER.
- ROUTE 1 1/2" SINK COMPARTMENT DRAIN TO FLOOR SINK. PROVIDE AIR GAP TWICE THE DIAMETER OF THE DRAIN PIPE.
- TRAPPED CONDENSATE PIPING FROM COOLER/FREEZER CONDENSING COILS. PROVIDE AND INSTALL HEAT TRACE TAPE (10 WLN. FT.) ON PIPING WITHIN FREEZER. SLEEVE AND SEAL THRU COOLER/FREEZER WALL AT 4" ABOVE FINISHED FLOOR. TERMINATE INDIRECTLY OVER FLOOR SINK WITH AIR GAP TWICE THE DIAMETER OF DRAIN PIPE.
- ROUTE SYRUP LINES OVERHEAD, DOWN INSIDE WALL IN A PVC CHASE AND PENETRATE BELOW EQUIPMENT AND ROUTE TO SODA SYSTEM. COORDINATE WITH BEVERAGE VENDOR.
- P.C. SHALL PROVIDE DRAIN FROM DISHWASHER TO FLOOR SINK. TERMINATE WITH 2" AIR GAP (MIN.), VERIFY HOOD DRAIN SIZE WITH HOOD MANUFACTURER.
- P.C. SHALL PROVIDE COPPER WASTE PIPING FROM DIRTY DISHTABLE TO WASTE RECEPTORS.
- P.C. SHALL PROVIDE LAVATORY/HAND SINK AND TRUEBRO (OR EQUAL) PIPING PROTECTION ON LAVATORY/HAND SINK EXPOSED HOT WATER, COLD WATER, AND DRAIN PIPING BELOW SINK.
- REFER TO DETAIL 10/P501 FOR GRAY WATER TRAP PRIMER DETAIL.

SEE SITE UTILITY PLAN FOR CONTINUATION.



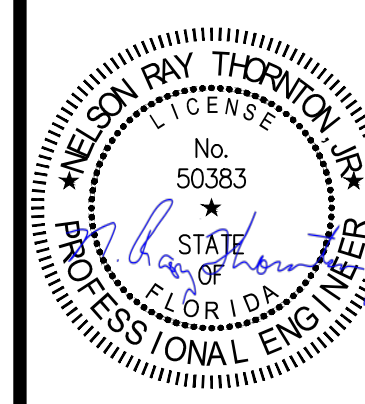
IF ANY DISCREPANCIES ARE FOUND ON THE PLANS, THE PLUMBING CONTRACTOR SHALL INSTALL THE MORE CONSERVATIVE SPECIFICATION AND CALL ENGINEER FOR CLARIFICATION.

PRIOR TO SUBMITTING BID, CONTRACTOR SHALL VISIT SITE TO EXAMINE SITE CONDITIONS. CONTRACTOR SHALL EXAMINE EXISTING CONDITIONS AND REUSE AND RECONNECT TO EXISTING SERVICE WHERE POSSIBLE. ALL REUSED PIPING AND EQUIPMENT MUST COMPLY WITH STATE AND LOCAL PLUMBING CODE.

WHILE EVERY ATTEMPT HAS BEEN MADE IN THE PREPARATION OF THIS PLAN TO AVOID MISTAKES, THE DESIGNER AND COMPANY CANNOT GUARANTEE AGAINST ERROR OR UNFORESEEN FIELD CONDITIONS. THE CONTRACTOR OR BUILDER MUST CHECK ALL DIMENSIONS, DETAILS AND REPORT ANY DISCREPANCIES.

**1 SANITARY PLAN**

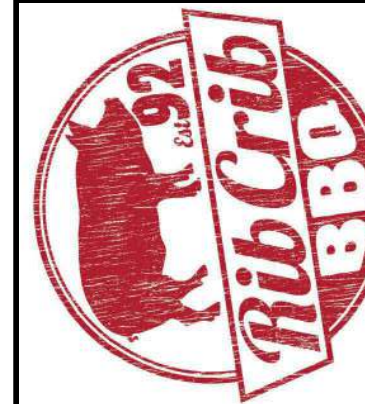
1/4" = 1'-0"



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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA, 32055  
Drawing: WATER AND GAS PLAN



**Revisions**

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PROJECT DATE  
08/12/2022

Drawn By  
**JCL**

Checked By  
**SDS**

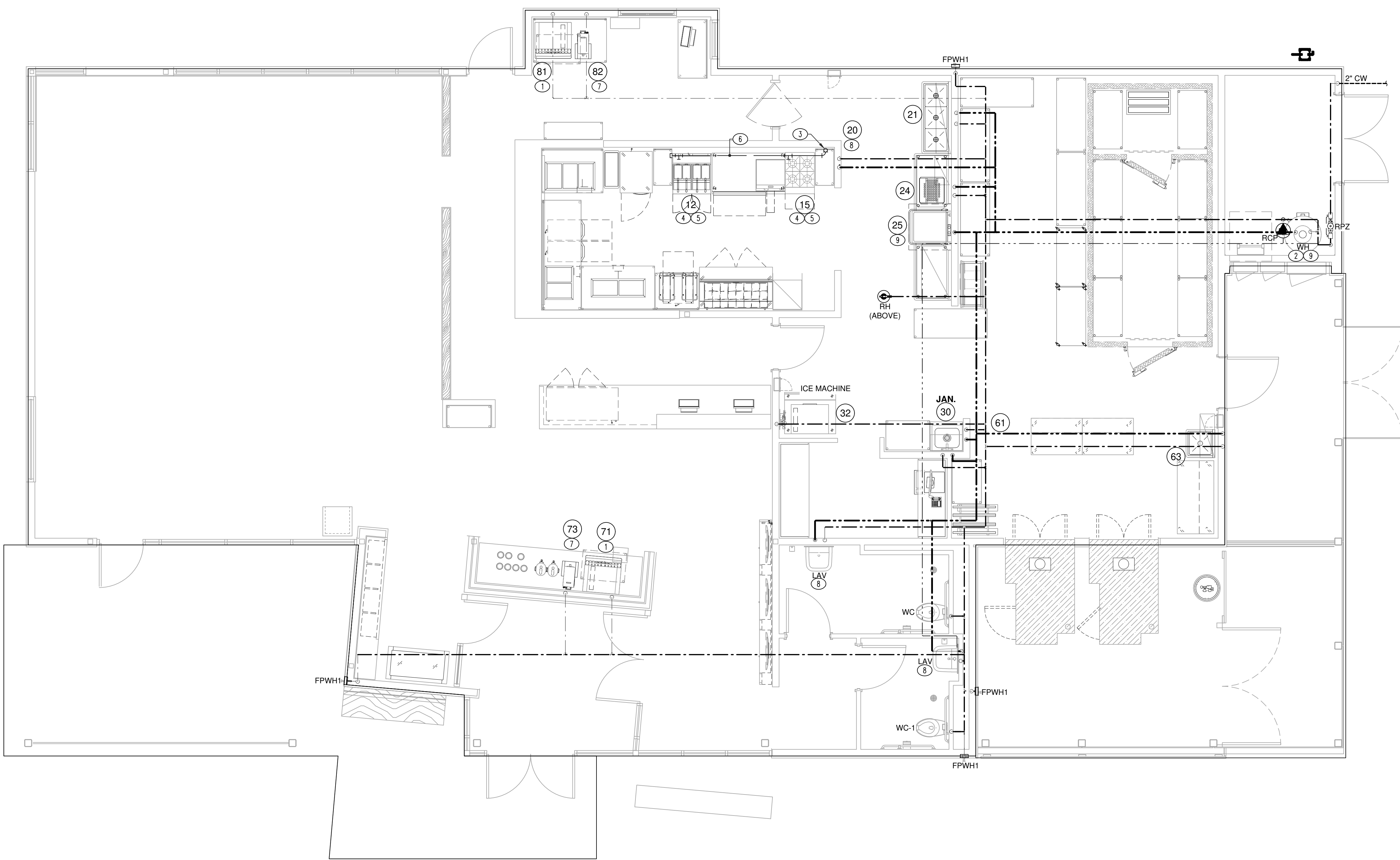
Sheet No.  
**P102**

**GENERAL NOTES:**

- 1. SEE SHEET P001 FOR ALL GENERAL NOTES.
- 2. SEE RISER DIAGRAMS SHEET FOR ALL PIPE SIZES NOT SHOWN.
- 3. SEE FOUNDATION PLANS FOR PIPES THROUGH WALLS AND FOOTING DETAILS.
- 4. PROVIDE BUILDING PRESSURE RELIEF VALVE IF THE BUILDING PRESSURE IS 80 PSI OR ABOVE. SET PRV AT 75 PSI (MAX).

**CONSTRUCTION NOTES:**

- 1. PROVIDE 1/2" CW LINE TO SODA MACHINE. COORDINATE WITH BEVERAGE COMPANY FOR CONNECTIONS TO TAKE PLACE INSIDE THE CABINET. PROVIDE IN-LINE ASSE 1022 BACKFLOW PREVENTER AND SHUT OFF VALVE.
- 2. GAS PIPING FROM ABOVE CEILING TO WATER HEATER. SEE DETAIL 12/PS01 AND GAS RISER.
- 3. INSTALL ANSUL SUPPLIED ELECTRIC GAS VALVE. VALVE PROVIDED WITH HOOD ANSUL SYSTEM PACKAGE. FIELD COORDINATE. MOUNT BELOW CEILING. SECURE GAS TO ADJACENT WALLS AS REQUIRED.
- 4. PROVIDE AND INSTALL GAS CONNECTIONS TO EQUIPMENT PER MANUFACTURERS RECOMMENDATIONS. PROVIDE 6" DIRT LEG, UNION, REGULATOR AND GAS COOK ON OR BEFORE ALL GAS FIRED EQUIPMENT.
- 5. PC SHALL INSTALL 18" GAS FLEX HOSE FLEXIBLE CONNECTION TO ALLOW EQUIPMENT TO BE MOVED FOR CLEANING WITH QUICK DISCONNECT (PROVIDED BY F.E.C).
- 6. PC SHALL ROUTE GAS HEADER AT 12" A.F.F. TO COOKING EQUIPMENT AS SHOWN ON PLAN. SEE GAS RISER FOR BRANCH PIPE SIZES. SECURE GAS TO ADJACENT WALLS AS REQUIRED.
- 7. PC SHALL PROVIDE CUT-OFF VALVE W/ QUICK DISCONNECT ACCESSIBLE FOR CLEANING.
- 8. PROVIDE MIXING VALVE BELOW EACH HAND SINK/LAVATORY. SET TEMPERATURE TO MAINTAIN 110 (MAX). SEE DETAIL 10/PS01.
- 9. PC SHALL INSTALL CPVC PIPING AND CONNECTIONS TO WATER HEATER, DISHWASHER AND ALL OTHER EQUIPMENT PER ALL LOCAL AND STATE PLUMBING CODE REQUIREMENTS AS CONCERNING CPVC PIPING.

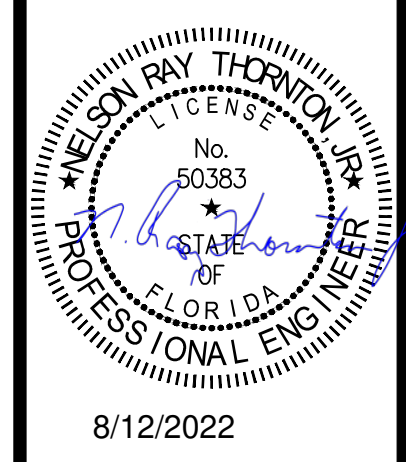


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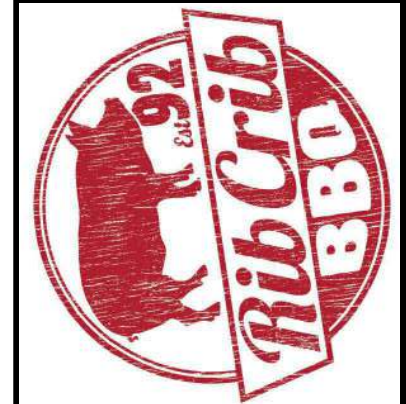
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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA, 32055  
Drawing: PLUMBING ROOF PLAN



Revisions  
THRU ADDENDUM " "

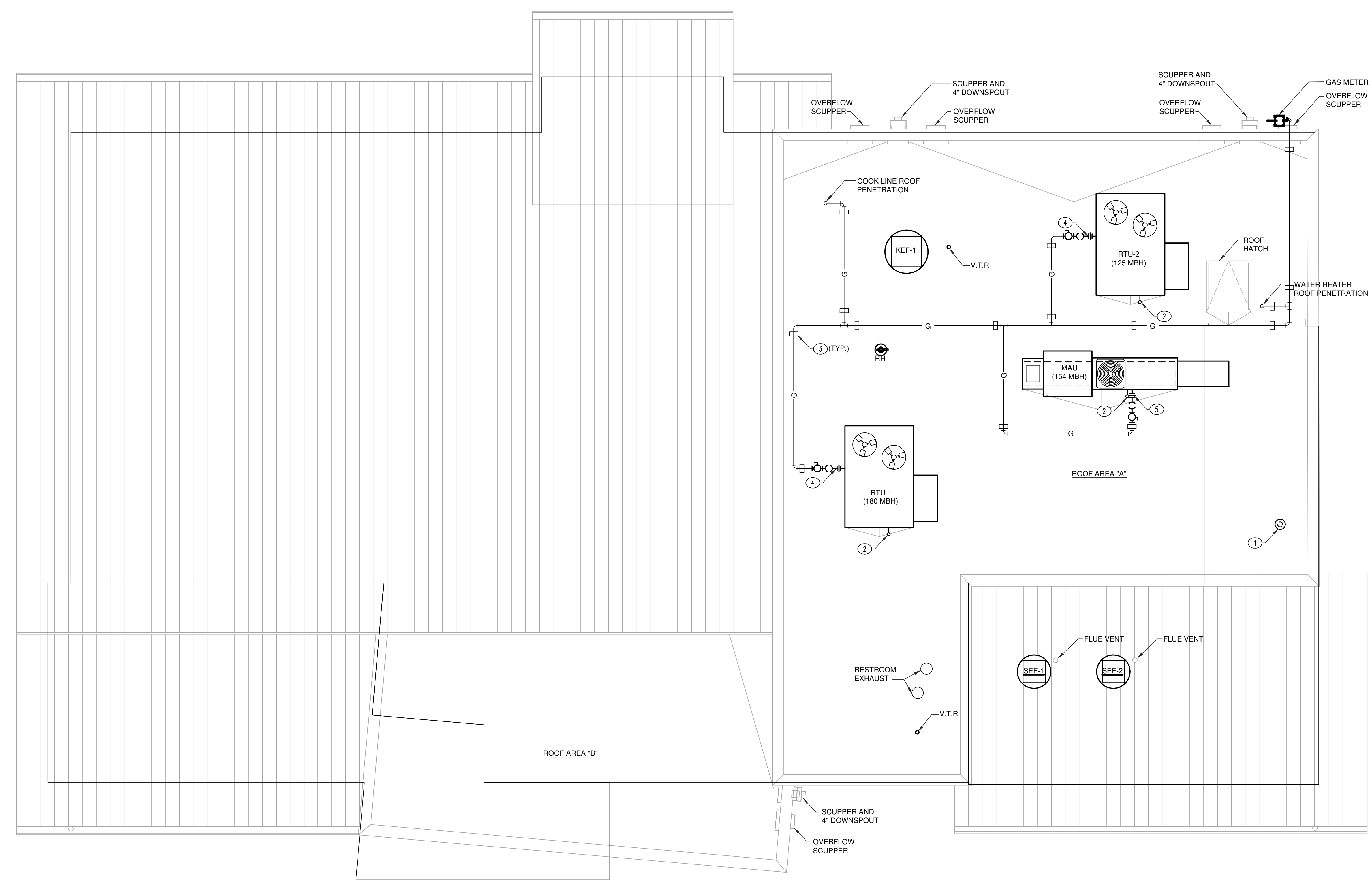
PROJECT DATE  
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Drawn By  
**JCL**  
Checked By  
**SOS**  
Sheet No.  
**P201**

**GENERAL NOTES:**

- A. SEE SHEET P001 FOR ALL GENERAL NOTES.
- B. ALL PENETRATIONS THRU ROOF SHALL BE BY GENERAL CONTRACTOR AS PER ROOF MANUFACTURER'S STANDARD.
- C. DO NOT SCALE DRAWING. ALL PLUMBING VENT OUTLETS THROUGH ROOF SHALL TERMINATE AT PARAPET HEIGHT (MIN.).
- D. ALL PLUMBING ON ROOF MUST BE PERMANENTLY SECURED AND ABLE TO WITH STAND HIGH WIND LOADS.

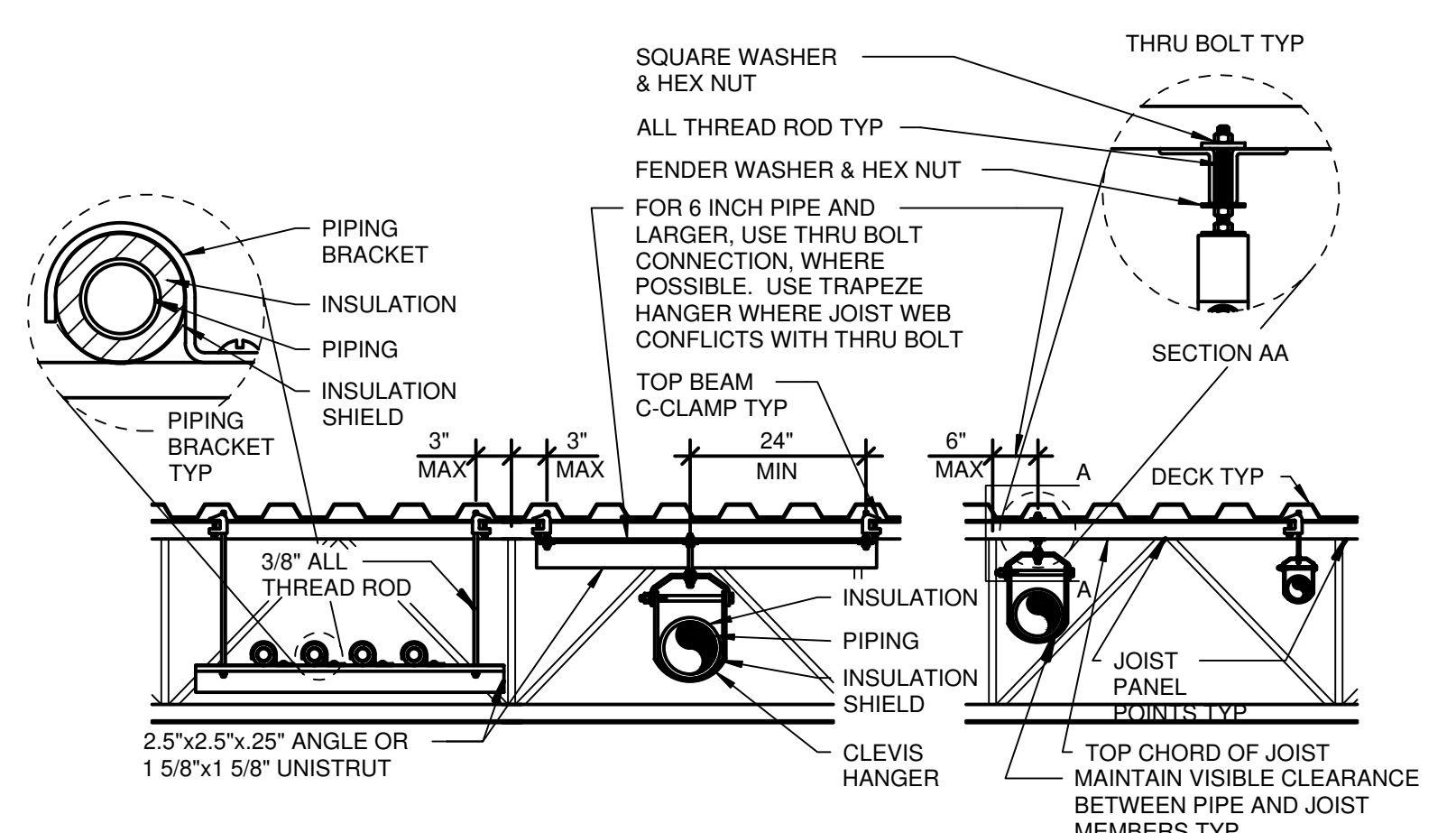
**CONSTRUCTION NOTES:**

- 1. PC SHALL ROUTE WATER HEATER CONCENTRIC VENT SYSTEM TO ROOF AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PIPING SHALL NOT EXHAUST WITHIN 10'-0" FROM ANY FRESH AIR INTAKE. MINIMUM DISTANCE FROM PARAPET WALL SHALL BE 2'-0" OFFSET AS REQUIRED PER MANUFACTURER'S RECOMMENDATION.
- 2. PC SHALL INSTALL SCH. 40 1" PVC CONDENSATE DRAIN LINE FROM EACH RTU AND ROUTE TO SPLASH BLOCK ON ROOF. SEE DETAIL 8/P501.
- 3. PIPE SUPPORTS SPACED AT EVERY 10' AND AT ALL CHANGES IN DIRECTION (TYP.). SEE DETAIL 9/P501.
- 4. PC SHALL PROVIDE/INSTALL UNION, GAS COCK, REGULATOR AND DRIP LEG AT EACH GAS CONNECTION.
- 5. HEATED MAKE-UP AIR GAS CONNECTION, SEE THIS SHEET AND HOOD SHEETS.



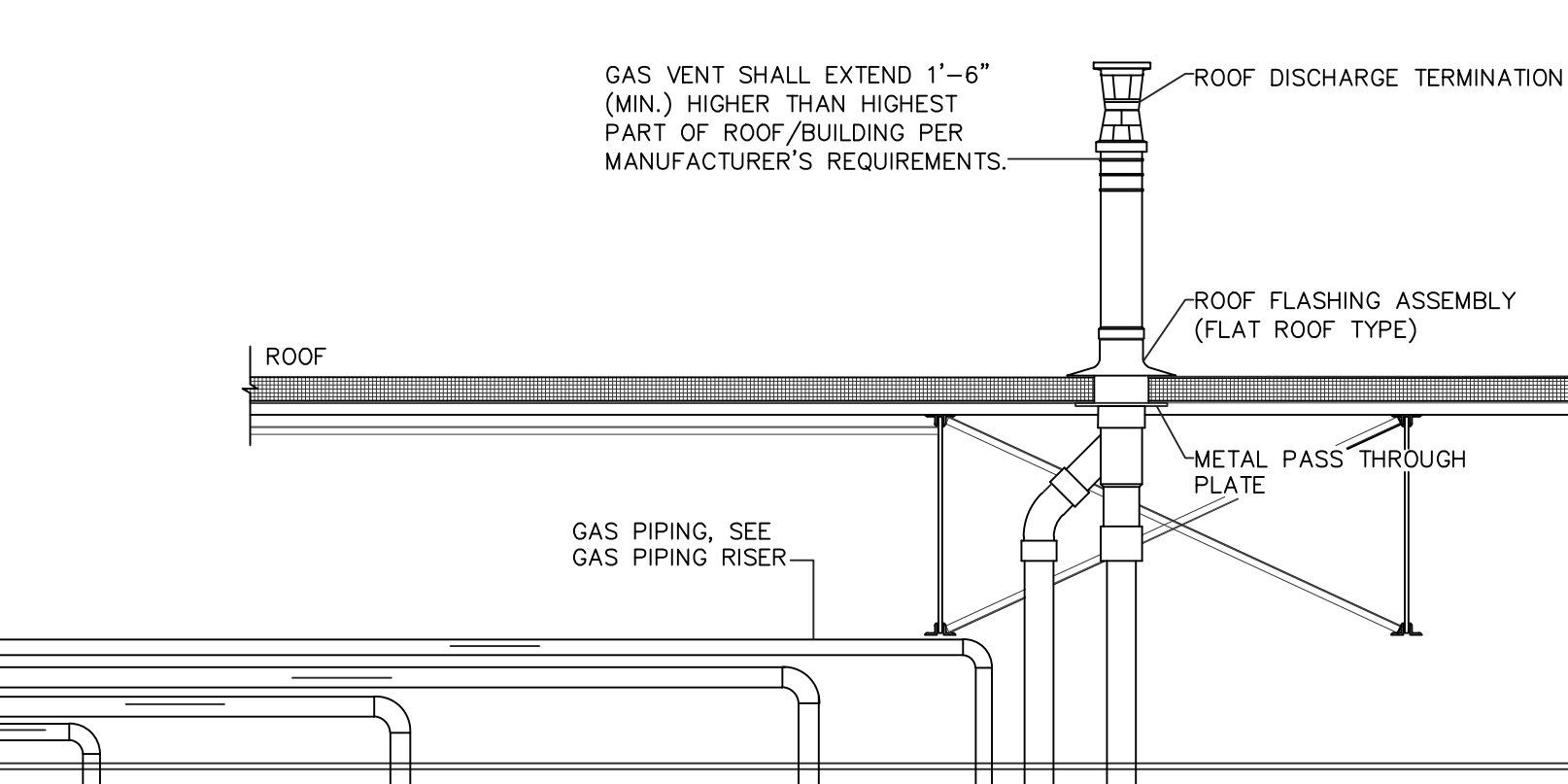
**1** PLUMBING ROOF PLAN

1/4" = 1'-0"

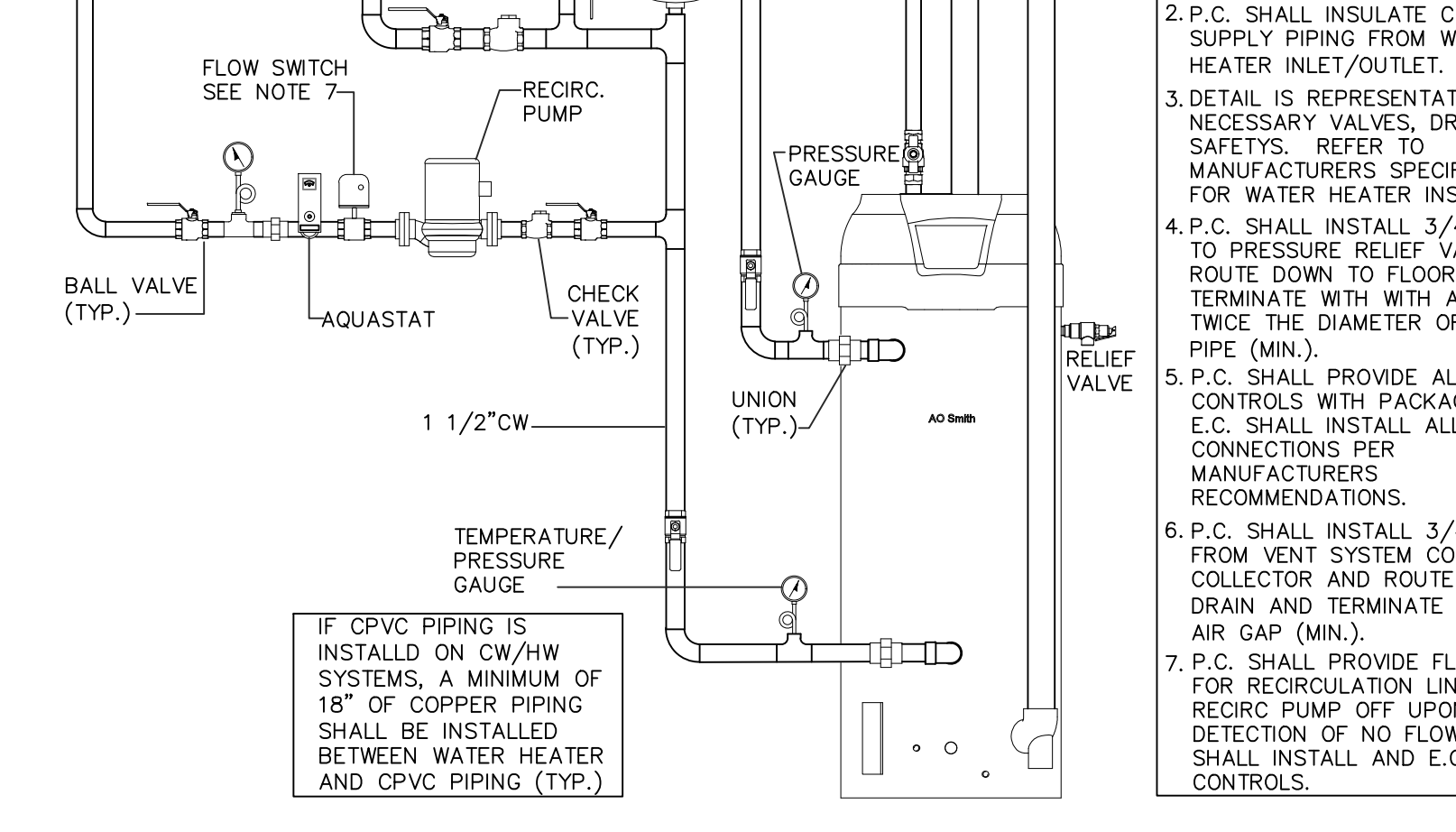


**NOTE:**  
1. UTILIZE FOR ALL PIPING EXCEPT SPRINKLER, ROOF DRAIN, AND REFRIGERATION PIPING.  
2. SPACE HANGERS AND SUPPORTS IN ACCORDANCE WITH SPECIFICATIONS.  
3. LOCATE HANGERS WITHIN 3 INCHES OF JOIST PANEL POINTS U.N.O.  
4. DO NOT SUPPORT PIPING FROM BOTTOM CHORD OF BAR JOISTS.  
5. INDIVIDUAL PIPES 3 INCH AND SMALLER NOT REQUIRED TO BE WITHIN 3 INCHES OF PANEL POINT.  
6. FOR PIPE RUNNING PARALLEL TO JOISTS, ATTACH TRAPEZE BEAM CLAMPS TO JOISTS ON EACH SIDE OF PIPE TYP.  
7. TRAPEZE HANGERS AND ALL THREAD RODS ARE SIZED TO CARRY (MAX) 6 - 3 INCH DIAMETER COPPER PIPES FULL OF WATER (37.62 LBS/FT) OR EQUIVALENT. IF LOAD EXCEEDS MAXIMUM, CONTACT THE EOR FOR PROPER SIZING.

**11 PIPING SUPPORT**  
NTS



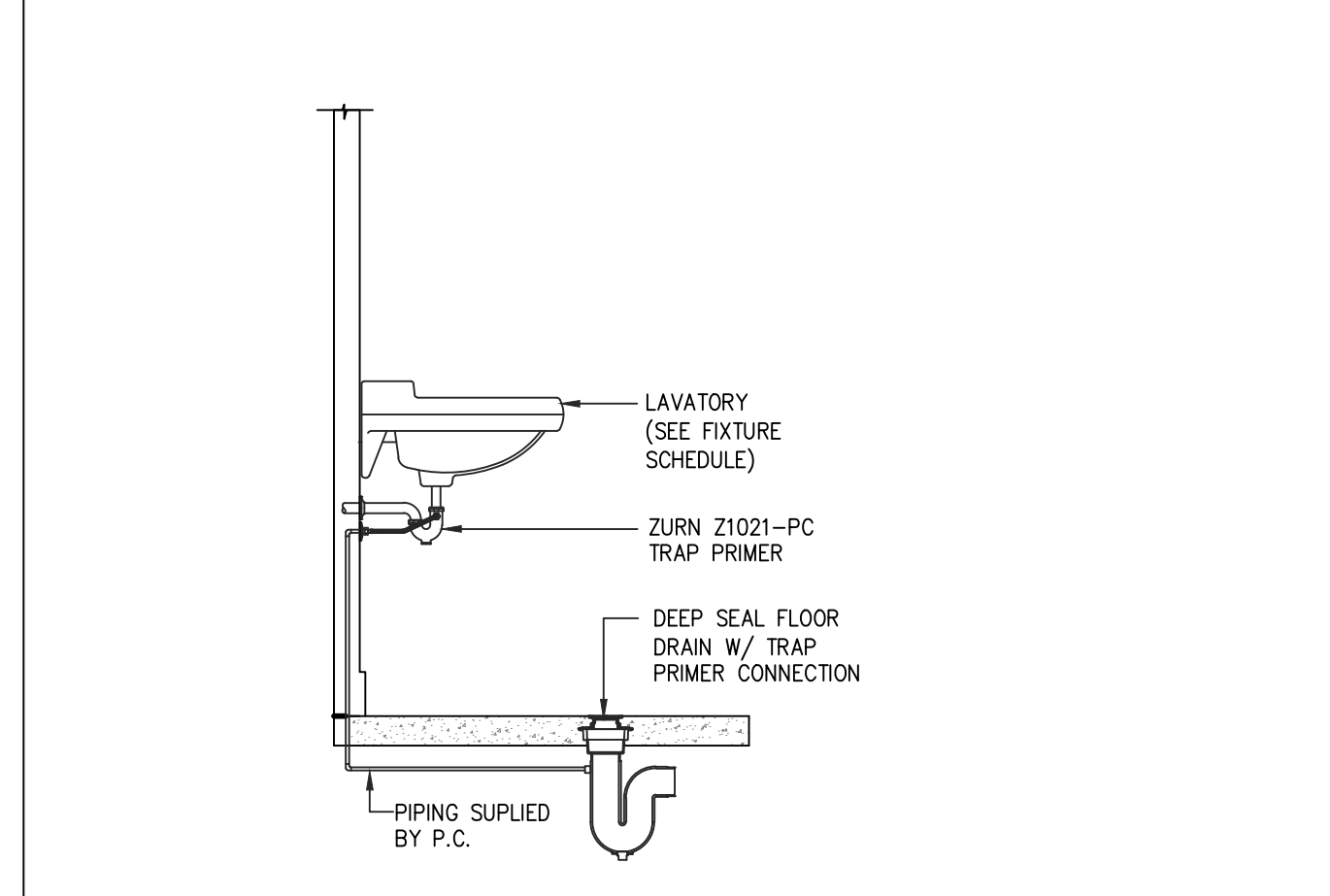
**7 FLOOR DRAIN**  
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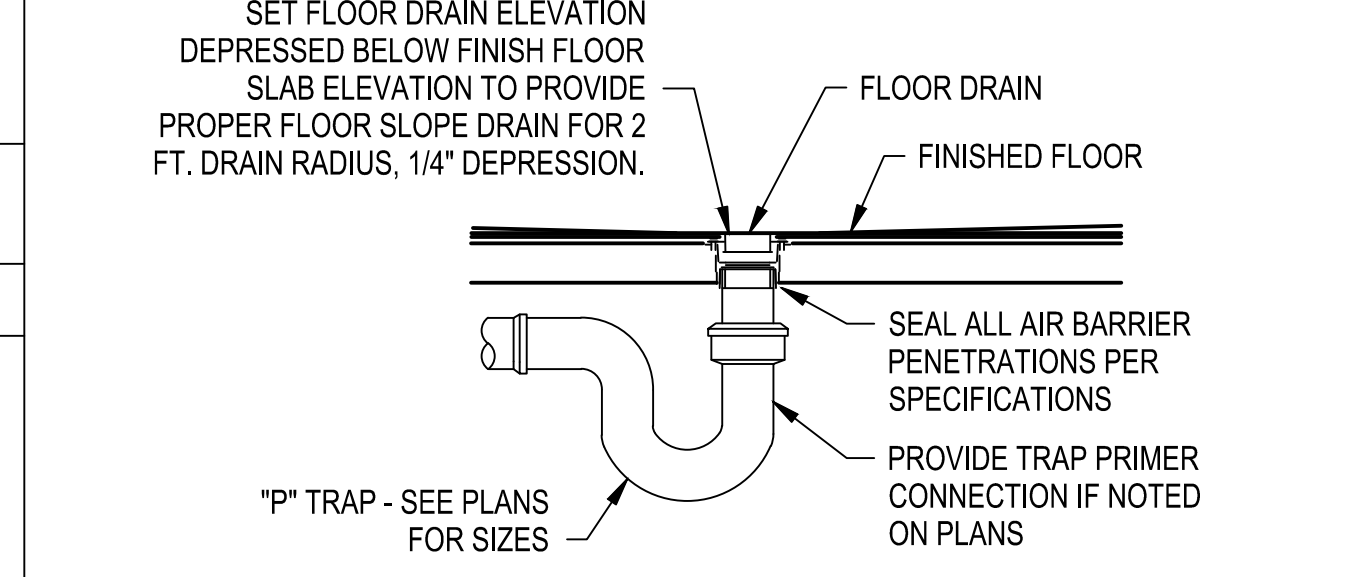
**12 WATER HEATER DETAIL**  
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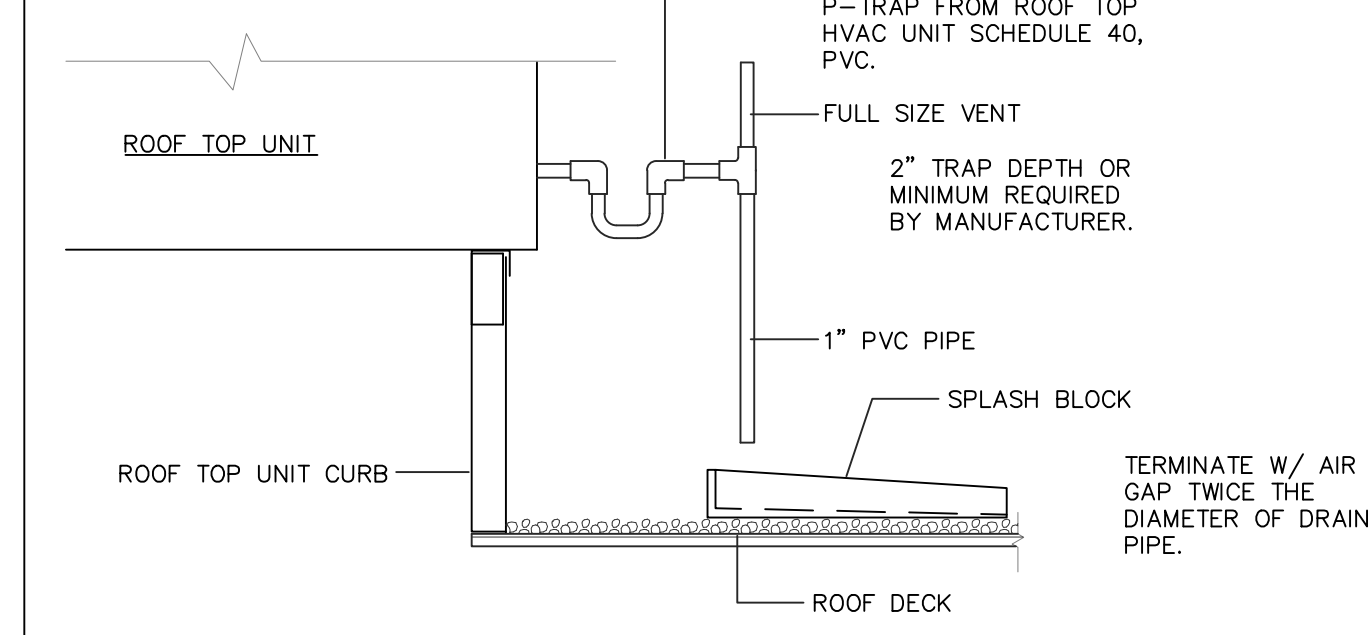
**13 NOT USED**  
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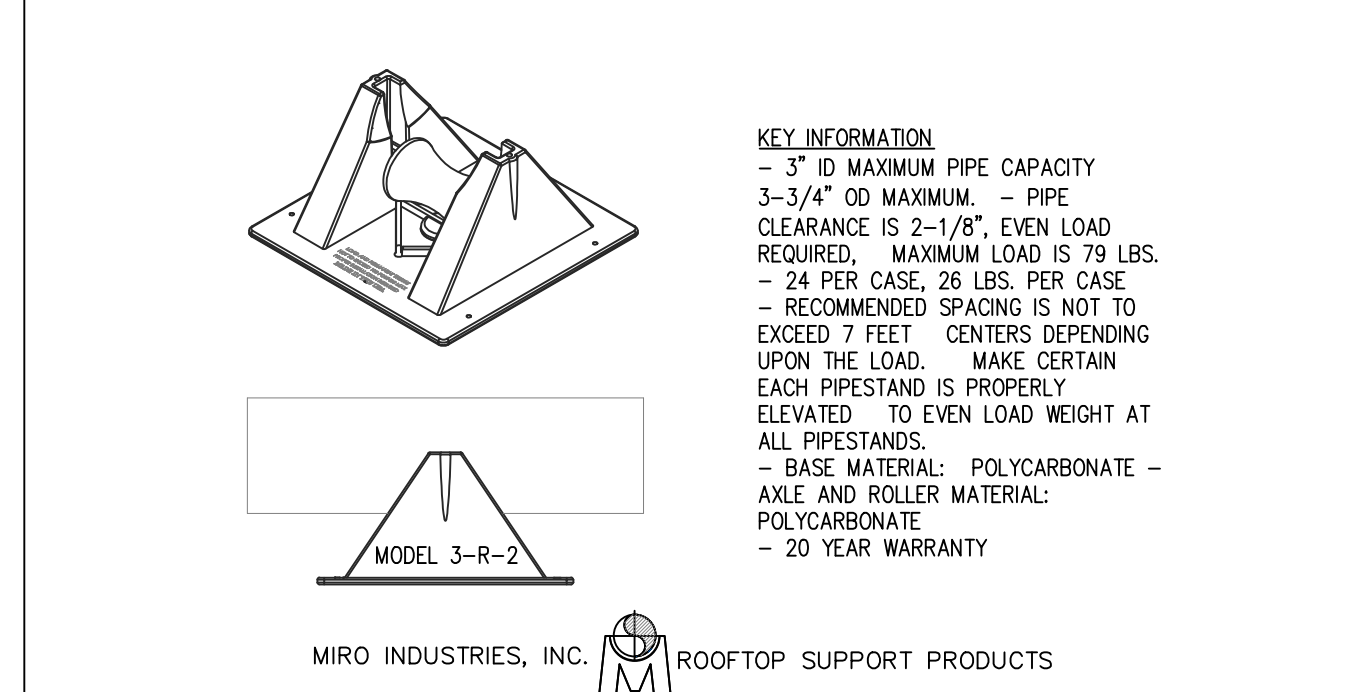
**6 TRAP PRIMER (TP) CONNECTION**  
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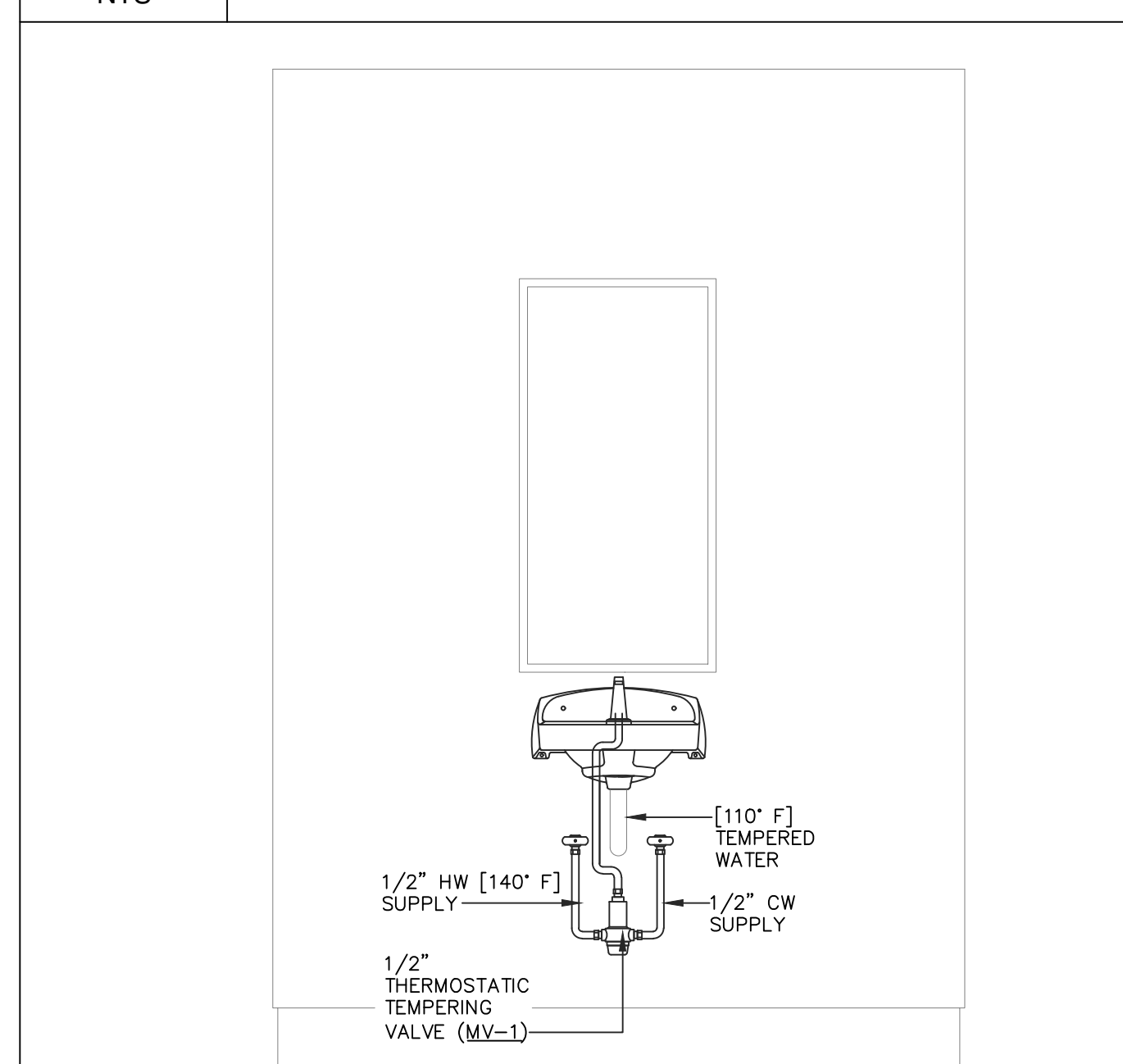
**3 FLOOR SINK (FS)**  
NTS



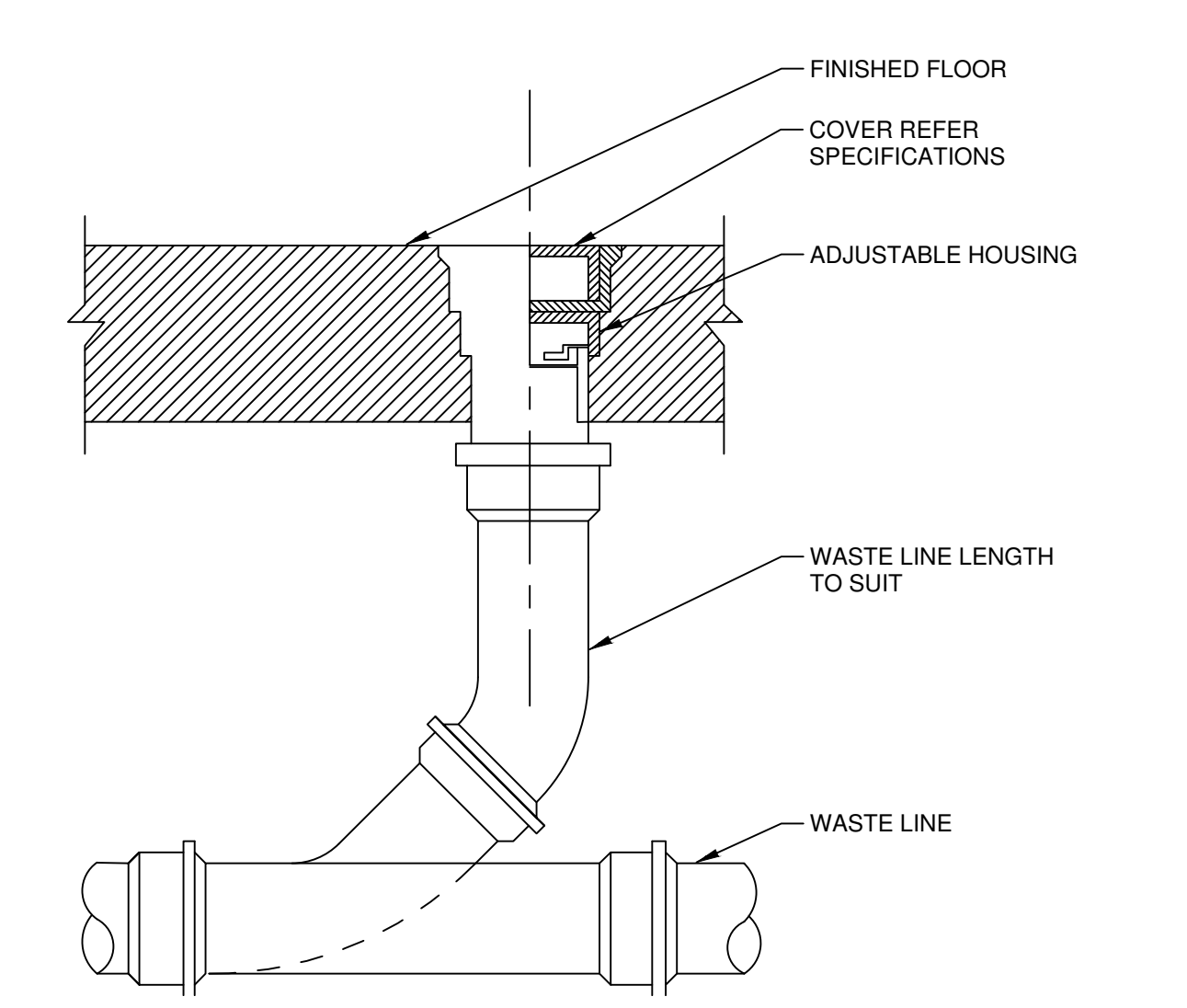
**8 RTU CONDENSATE DETAIL**  
NTS



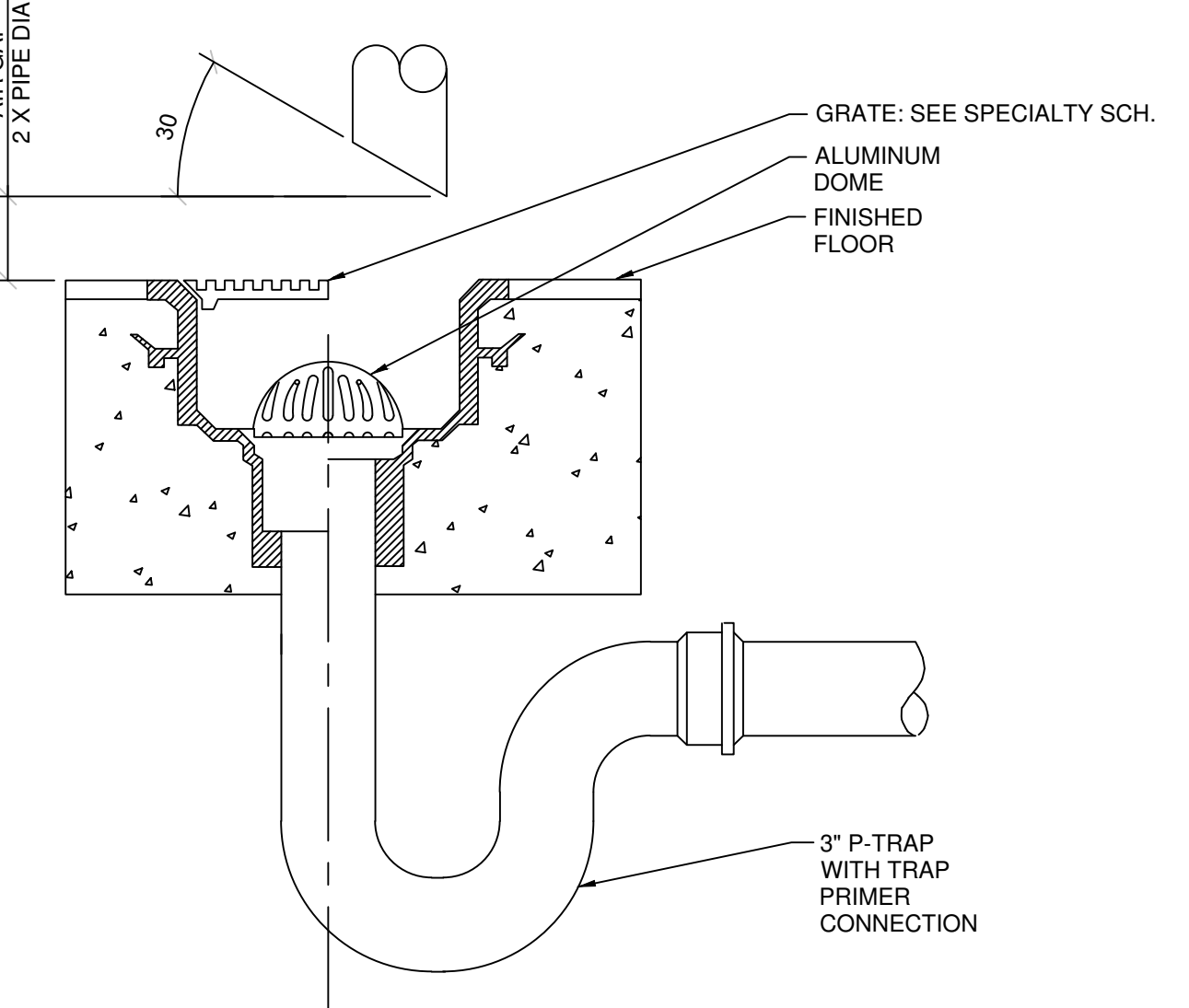
**9 GAS PIPE SUPPORTS**  
NTS



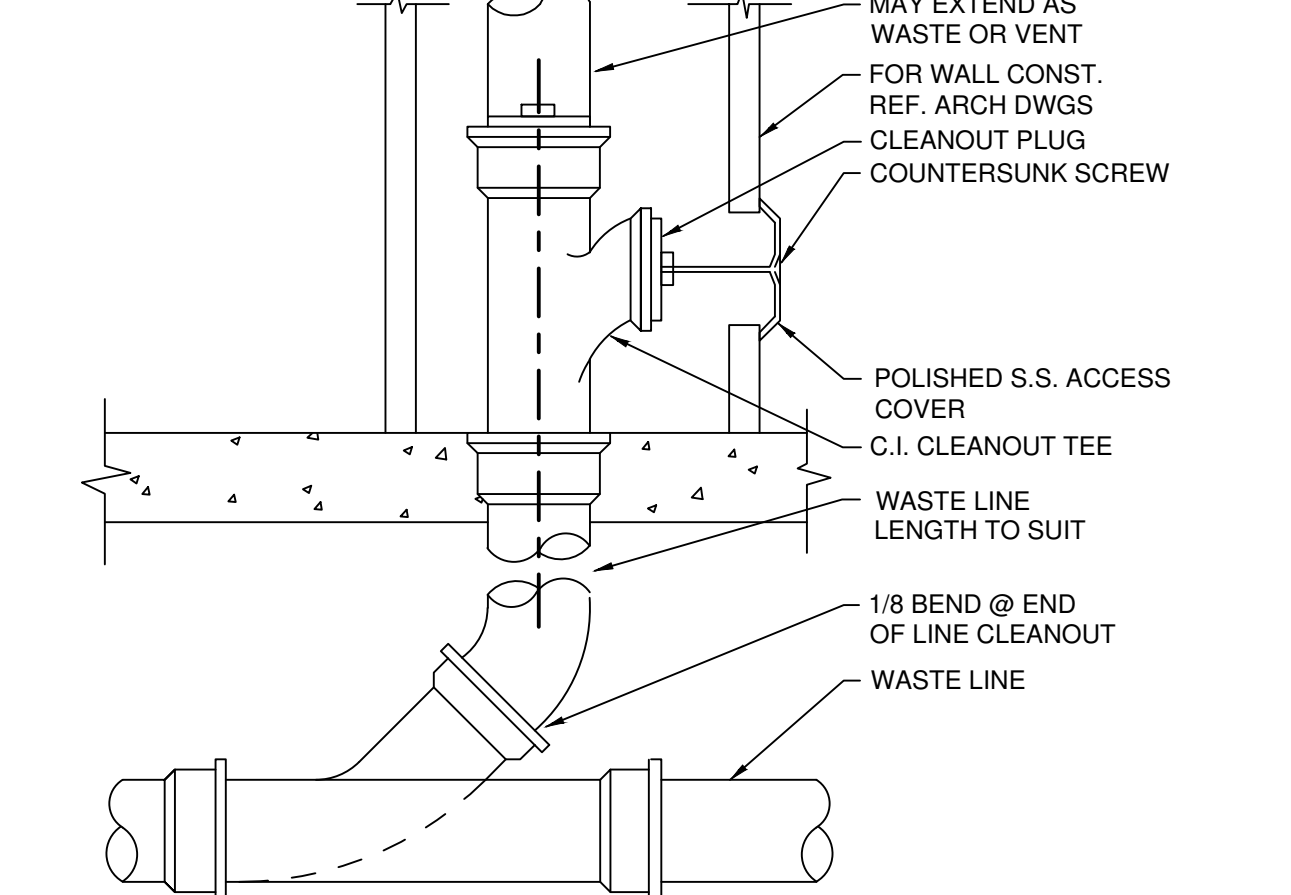
**5 YARD CLEAN-OUT (YCO)**  
NTS



**2 FLOOR CLEAN-OUT (FCO)**  
NTS



**4 WALL CLEAN-OUT (WCO)**  
NTS



**1 GREEN TURTLE GREASE INTERCEPTOR INSTALL**  
NOT TO SCALE

**GMC/OMC/SMC 500, 750, 1000, 1300, 1500 INSTALLATION DRAWING**

**NOTES:**  
1. REFER TO INSTALLATION PROCEDURE AND INSTALLATION CHECKLIST. PROCEPTOR SEPARATORS MUST BE INSTALLED IN ACCORDANCE WITH ALL RELEVANT FEDERAL, PROVINCIAL/STATE, AND LOCAL CODES INCLUDING LOCAL PLUMBING CODE.  
2. US PATENT # 5,746,912; CON. PATENT # 2,195,822.

TABLE 2

| SEPARATOR MODEL     | INLET INVERT TO TANK BOTTOM (H") | DRY WEIGHT OF TANK |
|---------------------|----------------------------------|--------------------|
| GMC/OMC/SMC 500     | 32"                              | 500 lbs            |
| GMC/OMC/SMC 750     | 45"                              | 575 lbs            |
| GMC/OMC/SMC 1000    | 59"                              | 650 lbs            |
| GMC/OMC/SMC 1300    | 74"                              | 745 lbs            |
| GMC/OMC/SMC 1500(1) | 85"                              | 805 lbs            |

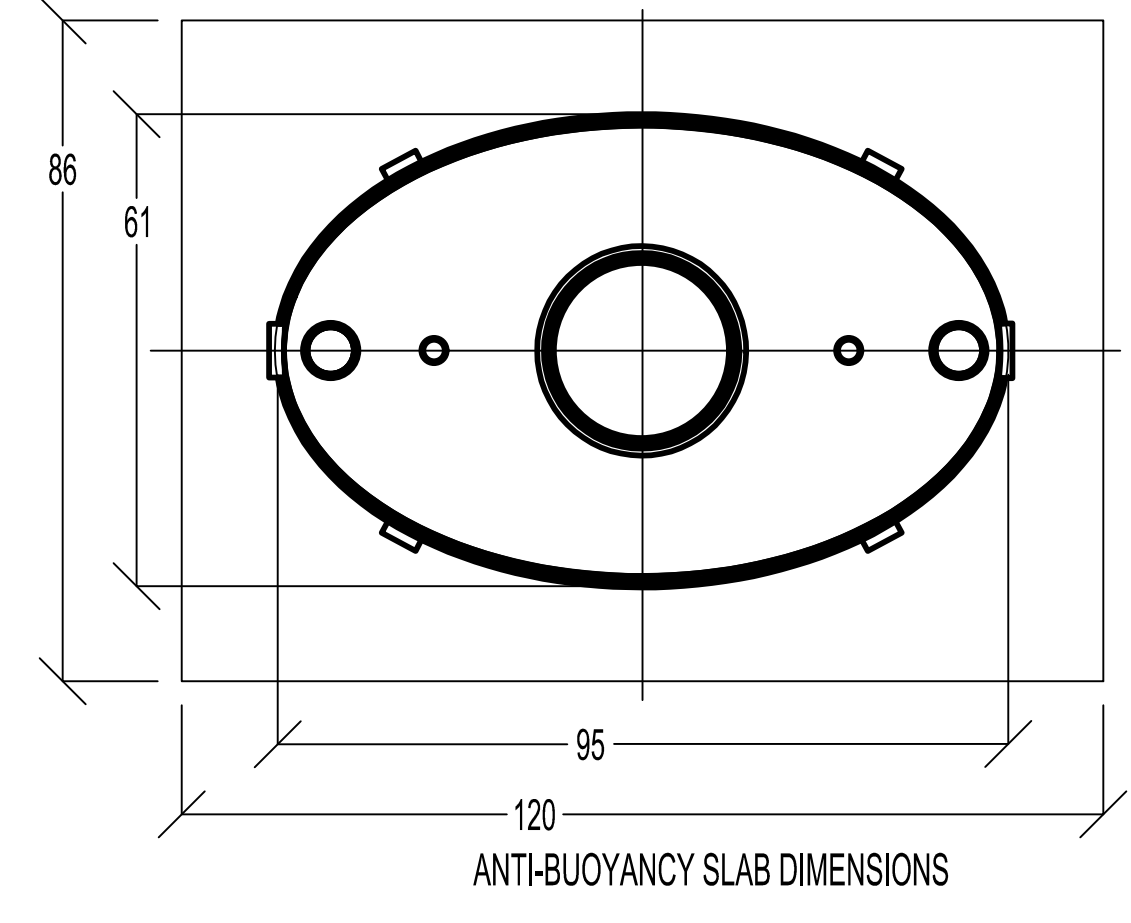
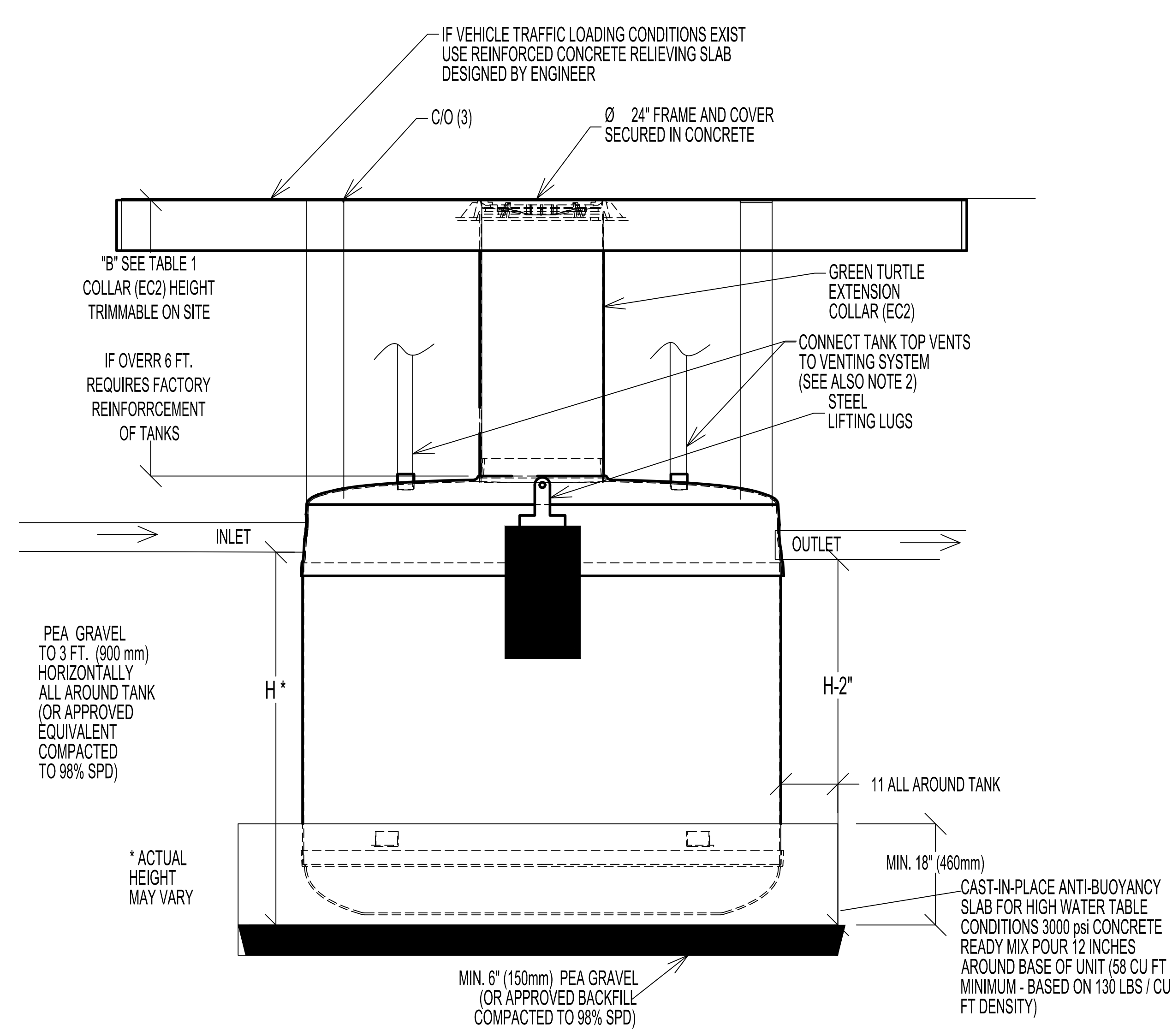


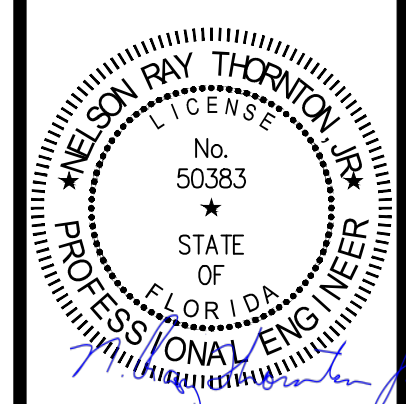
TABLE 1

| BURIAL DEPTH      | B     |
|-------------------|-------|
| Max.              | 6 FT. |
| Min. with Traffic | 18"   |
| Min. no Traffic** | 12"   |

\*\* ESTIMATED MINIMUM SPACE REQUIRED TO FIT VENT ELBOWS UNDER FLOOR



**1 GREEN TURTLE GREASE INTERCEPTOR INSTALL**  
NOT TO SCALE



8/12/2022

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RIB CRIB GEN 6 PROTOTYPE  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: MECHANICAL NOTES

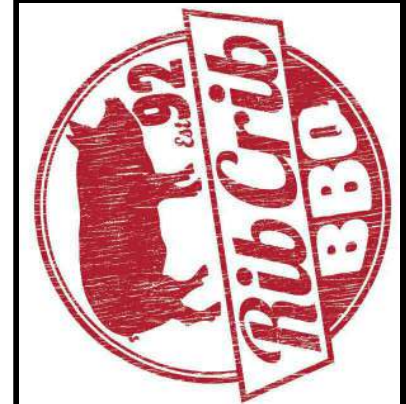
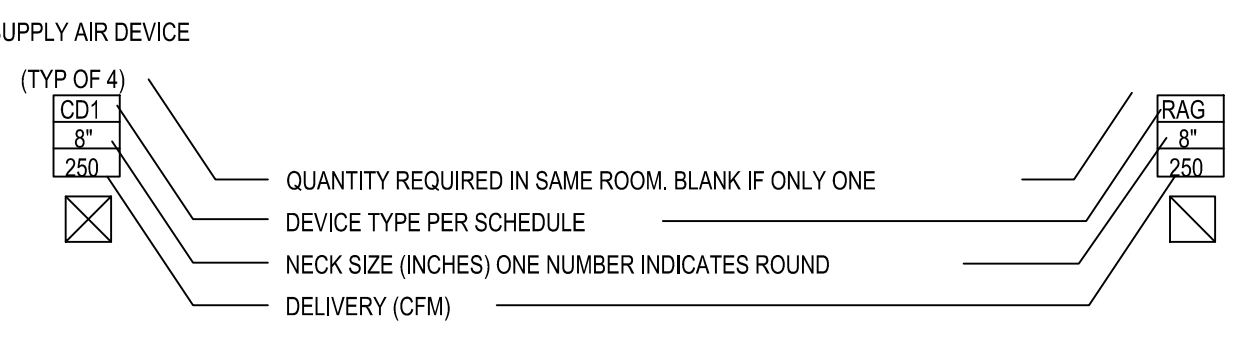
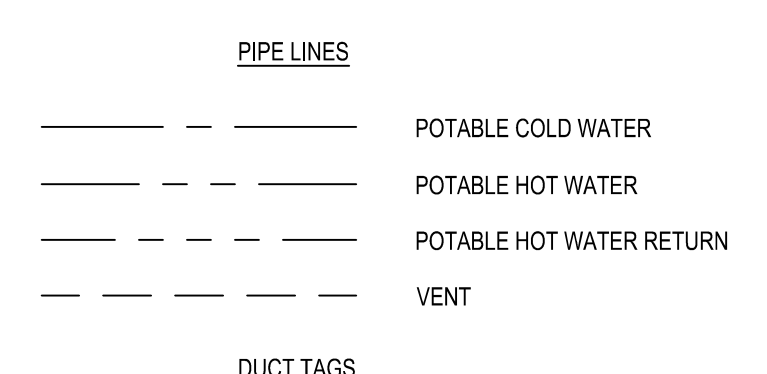


Table with 2 columns: Revisions, PROJECT DATE (08/12/2022), Drawn By (RJB), Checked By (MJM), Sheet No. (M001)

GENERAL NOTES

- 1. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR THE INSTALLATION OF A COMPLETE AND OPERABLE SYSTEM IN ACCORDANCE WITH THESE DOCUMENTS...
2. THE TERM 'PROVIDE' USED IN THE PROJECT SPECIFICATIONS AND DRAWINGS SHALL MEAN TO FURNISH, INSTALL, CONNECT, AND PLACE IN SERVICE COMPLETELY IN THE SPECIFIED OR APPROVED MANNER THE ITEM AND/OR MATERIAL DESCRIBED.
3. THE MECHANICAL PLANS IN GENERAL, ARE DIAGRAMMATIC IN NATURE, AND ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, PLUMBING, ELECTRICAL AND STRUCTURAL PLANS AND SHALL BE CONSIDERED AS ONE SET OF DOCUMENTS...
4. SYMBOLS IN THE LEGEND ARE APPLICABLE GENERALLY, FOR EXACT REQUIREMENTS SEE THE APPLICABLE SCHEDULES, LAYOUTS, DETAILS, AND THE SPECIFICATIONS, UNLESS OTHERWISE NOTED...
5. THE CONTRACTOR SHALL PAY ALL COSTS OF PERMIT, INSPECTIONS AND ALL OTHER COSTS INCIDENTAL TO THE COMPLETION AND TESTING OF THIS WORK.
6. ENGINEER OF RECORD RECOGNIZES THE GENERAL CONTRACTOR AND ALL OTHER CONTRACTORS TO BE LICENSED PROFESSIONALS IN THE STATE IN WHICH WORK IS TO BE PERFORMED...
7. THE CONTRACTOR SHALL VISIT THE SITE AND COORDINATE WORK WITH OTHER TRADES.
8. THE CONTRACTOR SHALL SUPPLY THE ENGINEER WITH 'AS-BUILT' REDLINE DRAWINGS, UPON COMPLETION OF THE PROJECT AND AUTOCAD SHOP DRAWING FILES (IF APPLICABLE).
9. THE GENERAL CONTRACTOR SHALL PROVIDE IN WRITING AND ON COMPANY LETTER HEAD, ALL ITEMS VALUE ENGINEERED OR OMITTED FROM PROJECT BIDS...
10. INTERIOR METAL DUCT SHALL BE CONSTRUCTED OF GALVANIZED SHEET STEEL...
11. FLEXIBLE DUCT SHALL COMPLY UL 181 CLASS 1, FACTORY FABRICATED, INSULATED, ROUND DUCT...
12. ALL INSULATION WILL HAVE FIRE/SMOKE RATING LESS THAN 25/50.
13. LAVATORY EXHAUST DUCTS SHALL BE GALVANIZED SHEET METAL OR CORRUGATED ALUMINUM FLEX DUCT...
14. ALL EXHAUST AIR FANS AND VENTS SHALL BE LOCATED BEYOND 10'-0" OF ANY OUTSIDE AIR INTAKE OR FAN...
15. VALVES SERVING DOMESTIC WATER SYSTEMS SHALL BE BALL VALVES OR APPROVED EQUAL...
16. CONTRACTOR SHALL PROVIDE OWNER/BUILDING MANAGER/BUILDING ENGINEER WITH 40 HOURS OF ONSITE AND/OR OFF SITE TRAINING...
17. PROVIDE TYPE 'B' DYNAMIC FIRE DAMPERS IN ALL DUCTS OR OPENINGS PENETRATING FIRE RATED ASSEMBLIES...
18. FOR ELECTRICAL OR CONTROL PANELS PROVIDE CLEARANCE PER NEC ARTICLE 110. DUCTS, PIPES, AND OTHER EQUIPMENT ARE NOT ALLOWED TO RUN OVER PANELS PER NEC.
19. THE GENERAL CONTRACTOR SHALL TEST AND BALANCE THE AIR SIDE SYSTEM UPON COMPLETION...
20. ALL OPERATIONS / MAINTENANCE MANUALS FOR EQUIPMENT SPECIFIED SHALL BE PROVIDED TO OWNER UPON COMPLETION OF PROJECT.

NOTE: THIS IS A STANDARD SYMBOLS & ABBREVIATIONS SHEET. THEREFORE, SOME SYMBOLS & ABBREVIATIONS MAY APPEAR ON THIS SHEET AND NOT ON THE PLANS.



ABBREVIATIONS

Table of abbreviations including A (AIR), B (BACKDRAFT DAMPER), C (CONDENSATE), D (DIRECT DIGITAL CONTROL), E (ENTERING AIR TEMPERATURE), F (FLOOR CLEANOUT), G (GAUGE), H (HOSE BIBB), I (INSIDE DIAMETER), K (KILOWATT), L (LABORATORY), M (MAKE-UP AIR UNIT), N (NITROGEN), O (OXYGEN), P (PRESSURE DROP), R (RETURN AIR), S (SUPPLY AIR), T (TERMINAL CONTROL UNIT), U (UNDERCUT), V (VENT), W (WITH/WITHOUT), X (WATER HAMMER ARRESTORS).

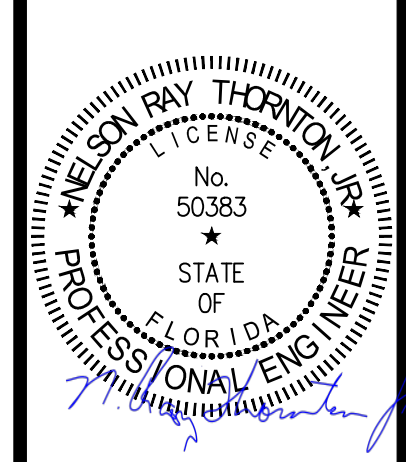
PIPE AND FITTINGS

Table of pipe and fittings symbols including GATE VALVE, GLOBE VALVE, ANGLE GATE VALVE, SOLENOID VALVE, NON SLAM CHECK VALVE, BUTTERFLY VALVE, PLUG VALVE, BALL VALVE, TWO WAY CONTROL VALVE, THREE WAY CONTROL VALVE, PRESSURE REDUCING VALVE, PRESSURE REGULATOR, STRAINER, Y TYPE W/GATE VALVE OR HOSE BIBB, FLEXIBLE CONNECTION, EXPANSION JOINT, FLOW METER, FLOW DIRECTION, ELBOW BASE, ELBOW REDUCING, UNION, PRESSURE GAUGE WITH TR-DOCK, PRESSURE INDICATOR, TEST PLUG, TEMPERATURE INDICATOR, FLOW SWITCH, METERED BALANCING VALVE WITH PRESSURE TAP, THERMOMETER, THERMOMETER, DIAL, THERMOWELL, AUTO FLOW BALANCING VALVE, FLOOR DRAIN W/1P-TRAP, FLOOR CLEANOUT, WALL CLEANOUT, BACKFLOW PREVENTER, LUBRICATED PLUG COCK, HOSE BIBB W/VACUUM BREAKER, CAPPED END, DELUGE VALVE, PIPE SWAY BRACING, PIPE ANCHOR SUPPORT, BALANCING VALVE.

MECHANICAL

Table of mechanical symbols including SUPPLY AIR DUCT, SECTION; RETURN AIR DUCT, SECTION; EXHAUST AIR DUCT, SECTION; OUTDOOR AIR INTAKE, SECTION; DUCT, WIDTH X DEPTH, PLAN; INCLINE DUCT RISE; INCLINE DUCT DROP; FLEXIBLE CONNECTION; LONG RADIUS ELBOW; VOLUME DAMPER; SQUARE ELBOW W/ TURNING VANES; BRANCH TAKEOFF WITH ADJUSTABLE EXTRACTOR; SPLITTER DAMPER; THERMOSTAT; SPACE TEMPERATURE SENSOR; EXHAUST AIR INLET; CEILING RETURN INLET; CEILING SUPPLY DIFFUSER; DUCT WITH INTERNAL LINING; ELECTRIC DUCT HEATER; SQUARE OR RECTANGULAR BRANCH TAKEOFF WITH MANUAL BALANCING DAMPER; ROUND BRANCH TAKEOFF WITH SCOP EXTRACTOR AND MANUAL BALANCING DAMPER; CONICAL TEE WITH ROUND DUCTWORK; STATIC PRESSURE SENSOR; UNIT HEATER; SMOKE DETECTOR; SUPPLY AIR FLOW; RETURN AIR OR EXHAUST AIR FLOW; DOOR UNDER CUT; FIXED LOUVER W/BIRD SCREEN; OPPOSED BLADE DAMPER; PARALLEL BLADE DAMPER; BACKDRAFT DAMPER; FIRE DAMPER; MOTORIZED DAMPER; POINT OF CONNECTION; PRESSURE TRANSMITTER; AIR OUTLET; CARBON DIOXIDE SENSOR; CARBON MONOXIDE SENSOR; NITROGEN OXIDE SENSOR.

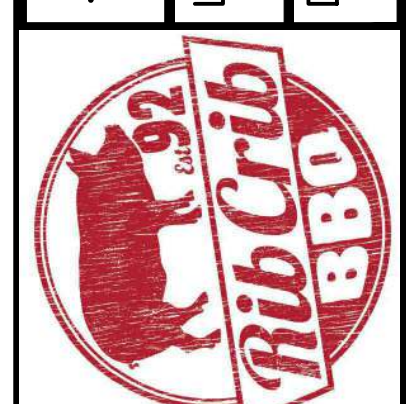




8/12/2022

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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: MECHANICAL ROOF PLAN



| Revisions     |     |
|---------------|-----|
| THRU ADDENDUM | " " |
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PROJECT DATE  
08/12/2022

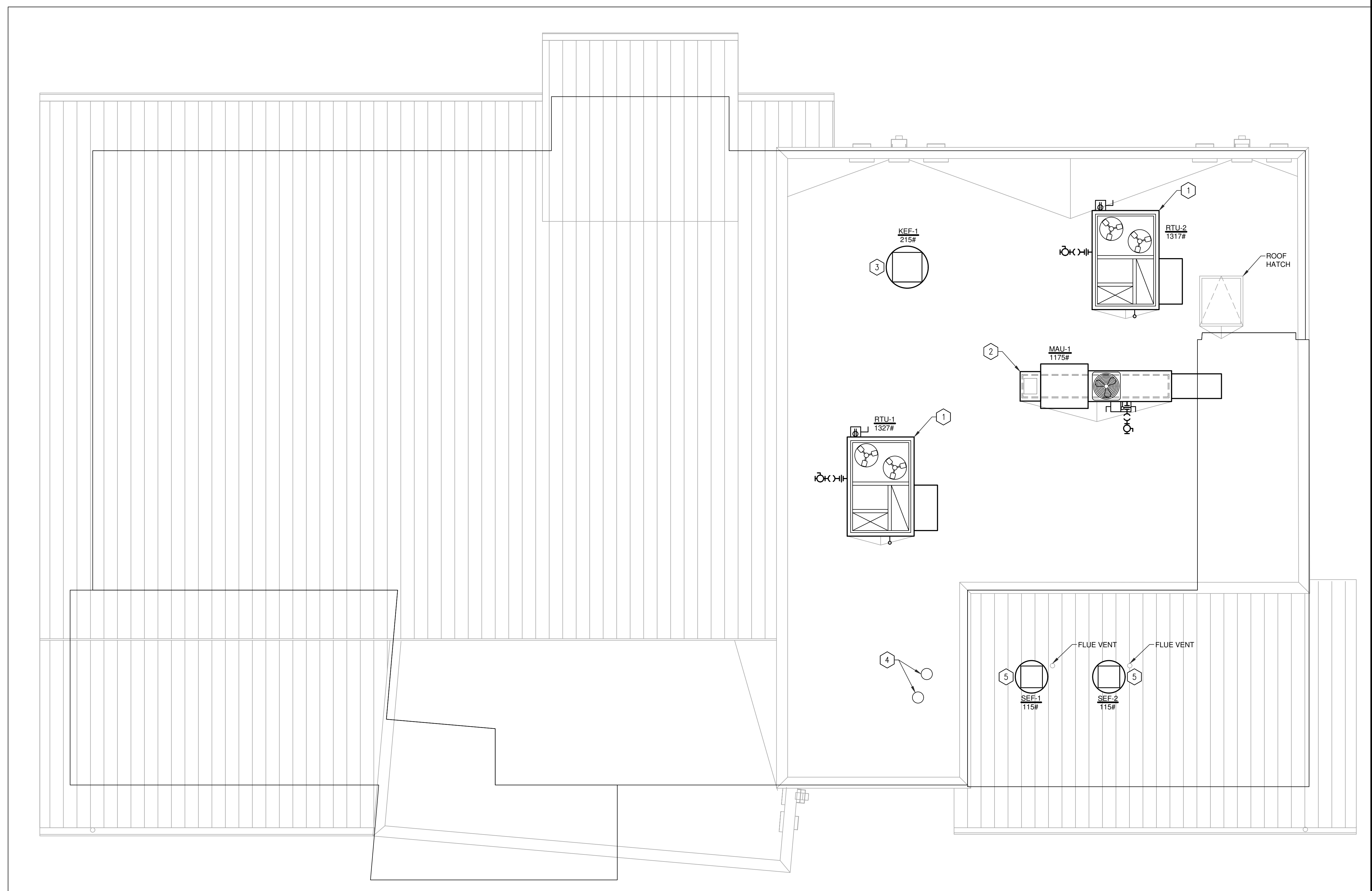
Drawn By  
**RJB**

Checked By  
**MJM**

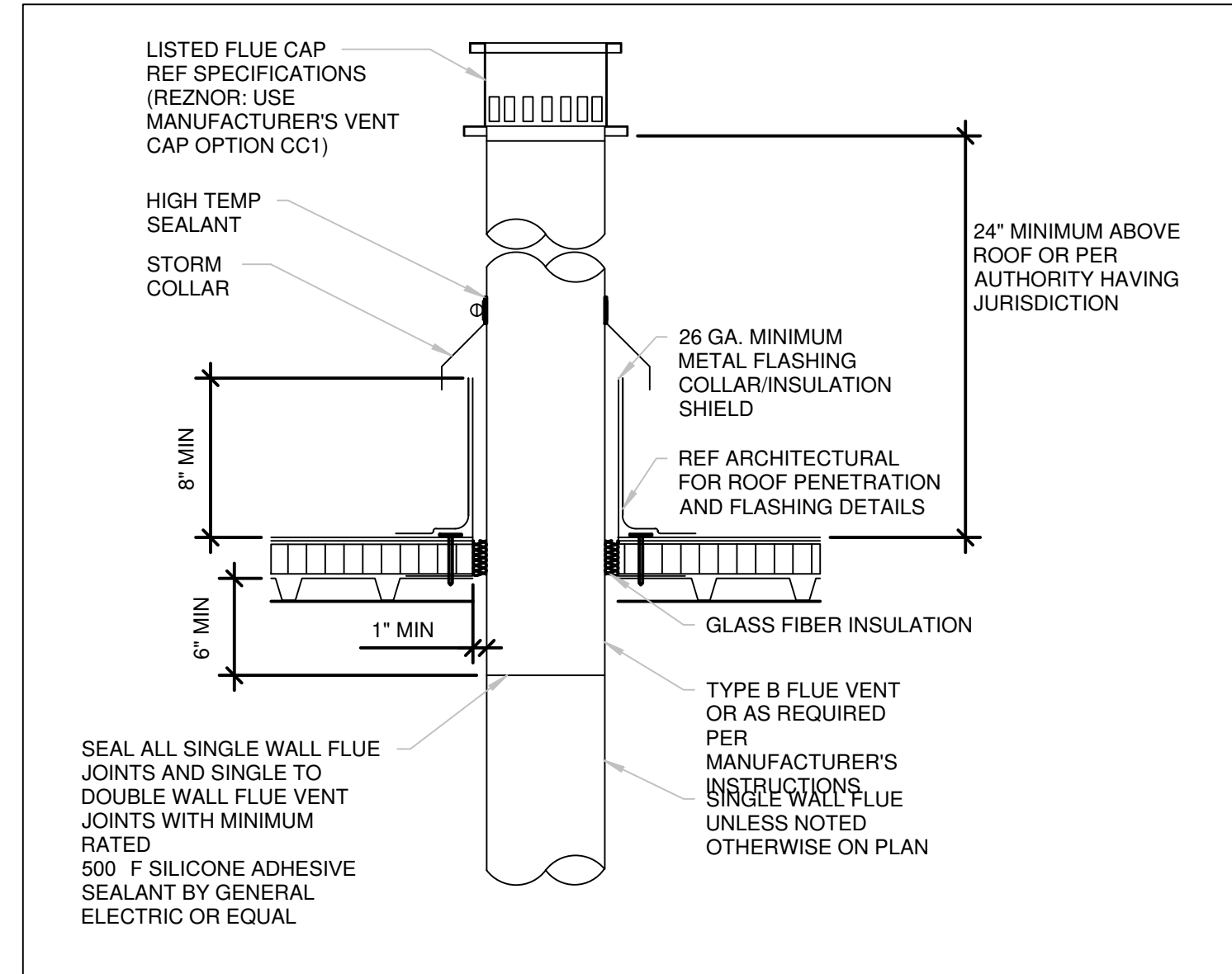
Sheet No.  
**M201**

- KEYED NOTES:**
- MC SHALL CLEARLY LABEL RTU'S WITH 3" HIGH BLACK LETTERS FOR EASY IDENTIFICATION. COORDINATE WITH STRUCTURE PRIOR TO ROOF PENETRATION AND INSTALLATION OF ROOF CURB.
  - MC SHALL INSTALL ROOF MOUNTED MAKE-UP AIR FAN. COORDINATE WITH STRUCTURE PRIOR TO ROOF PENETRATION AND INSTALLATION OF ROOF CURB. MAINTAIN 10' CLEARANCE FROM EXHAUST SOURCES. MC SHALL CLEARLY LABEL MAU WITH 3" HIGH BLACK LETTERS FOR EASY IDENTIFICATION.
  - MC SHALL INSTALL ROOF MOUNTED EXHAUST FANS (EF). COORDINATE WITH STRUCTURE PRIOR TO ROOF PENETRATION AND INSTALLATION OF ROOF CURB. MAINTAIN 10' CLEARANCE FROM FRESH AIR INTAKES. MC SHALL CLEARLY LABEL EF WITH 3" HIGH BLACK LETTERS FOR EASY IDENTIFICATION.
  - NEW ROOF CAP FOR RESTROOM EXHAUST. PROVIDE ROOF CAP WITH BACKDRAFT DAMPER AND INSECT SCREEN. EXHAUST SHALL BE A MINIMUM OF 10' FROM OUTSIDE AIR INTAKES.
  - SMOKER EXHAUST FANS SHALL BE ROOF MOUNTED ON CURB. SEE SECTION 2M101 FOR EXHAUST DUCT AND FLUE REQUIREMENTS FOR THE SMOKERS. MC SHALL CLEARLY LABEL EF WITH 3" HIGH BLACK LETTERS FOR EASY IDENTIFICATION.

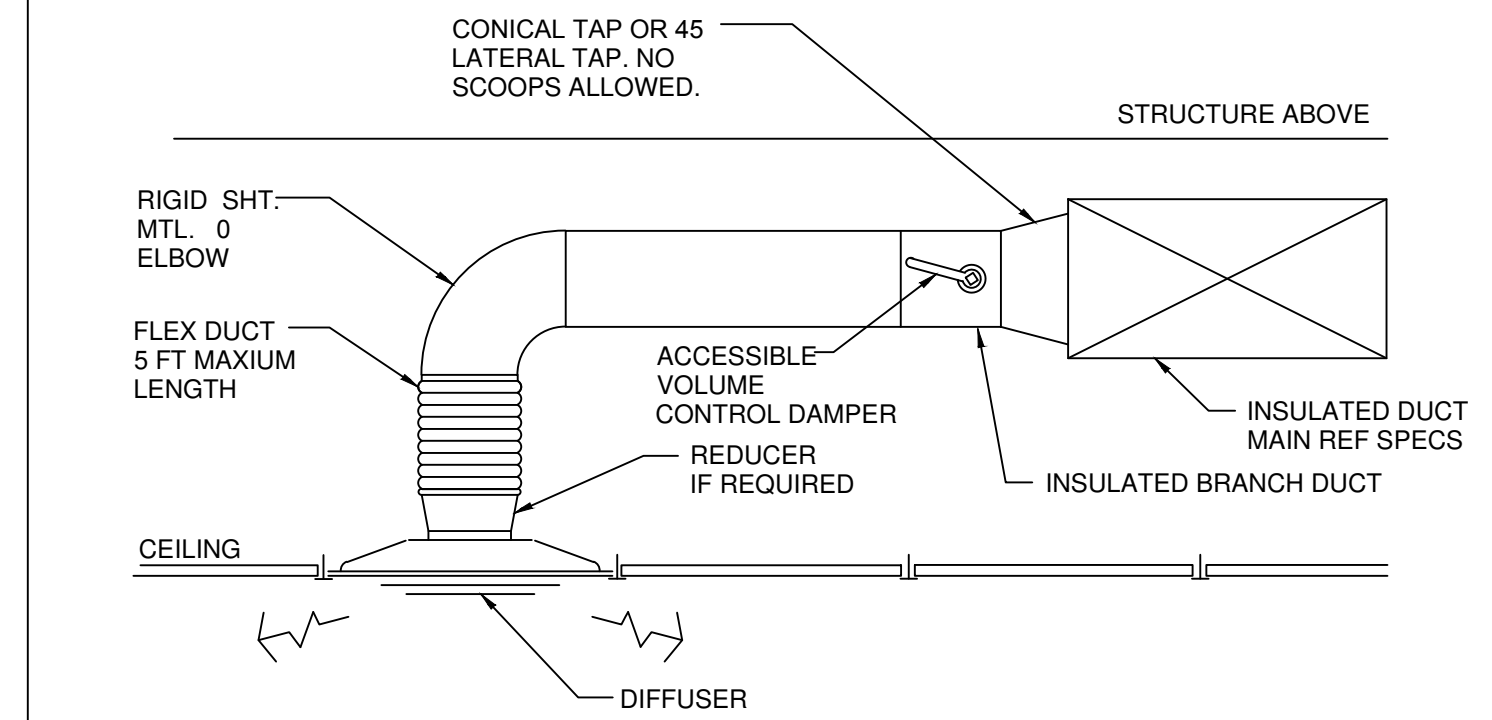
- GENERAL NOTES:**
- M.C. SHALL PROVIDE AND INSTALL HVAC EQUIPMENT SHOWN UNLESS NOTED OTHERWISE. FIELD VERIFY EXISTING STRUCTURE PRIOR TO WORK AND VERIFY ANY DUCT OFFSETS REQUIRED FOR INSTALLATION.
  - SEE SHEET M601 FOR SCHEDULES AND SHEET M001 FOR GENERAL NOTES.
  - SEE ELECTRICAL SHEETS FOR POWER CONNECTIONS.
  - SEE PLUMBING SHEETS FOR GAS AND CONDENSATE CONNECTIONS.
  - ALL RTU'S AND FANS SHALL BE INSTALLED LEVEL.
  - ALL WORK SHALL BE PERFORMED BY A LICENSED CONTRACTOR. CONTRACTOR SHALL INSTALL SYSTEMS, EQUIPMENT AND COMPONENTS IN ACCORDANCE WITH MINIMUM REQUIREMENTS SHOWN IN THESE PLANS. ANY DEVIATIONS FROM THE DESIGN PLANS SHALL ONLY BE PERFORMED IF APPROVED BY THE OWNER'S REPRESENTATIVE OR THE DESIGN ENGINEER. ANY UNAPPROVED DEVIATION FROM DESIGN PLANS SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE. ALL WORK SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS OF ALL APPLICABLE CODES AND STANDARDS. ANY DEVIATION FROM THE DESIGN PLANS IMPLIED BY LOCAL CODES THAT SUGGESTS INSTALLATION OF LESS THAN THE REQUIREMENTS SPECIFIED IN THE DESIGN PLANS SHALL NOT BE ALLOWED WITHOUT APPROVAL BY THE OWNER'S REPRESENTATIVE OR THE DESIGN ENGINEER.



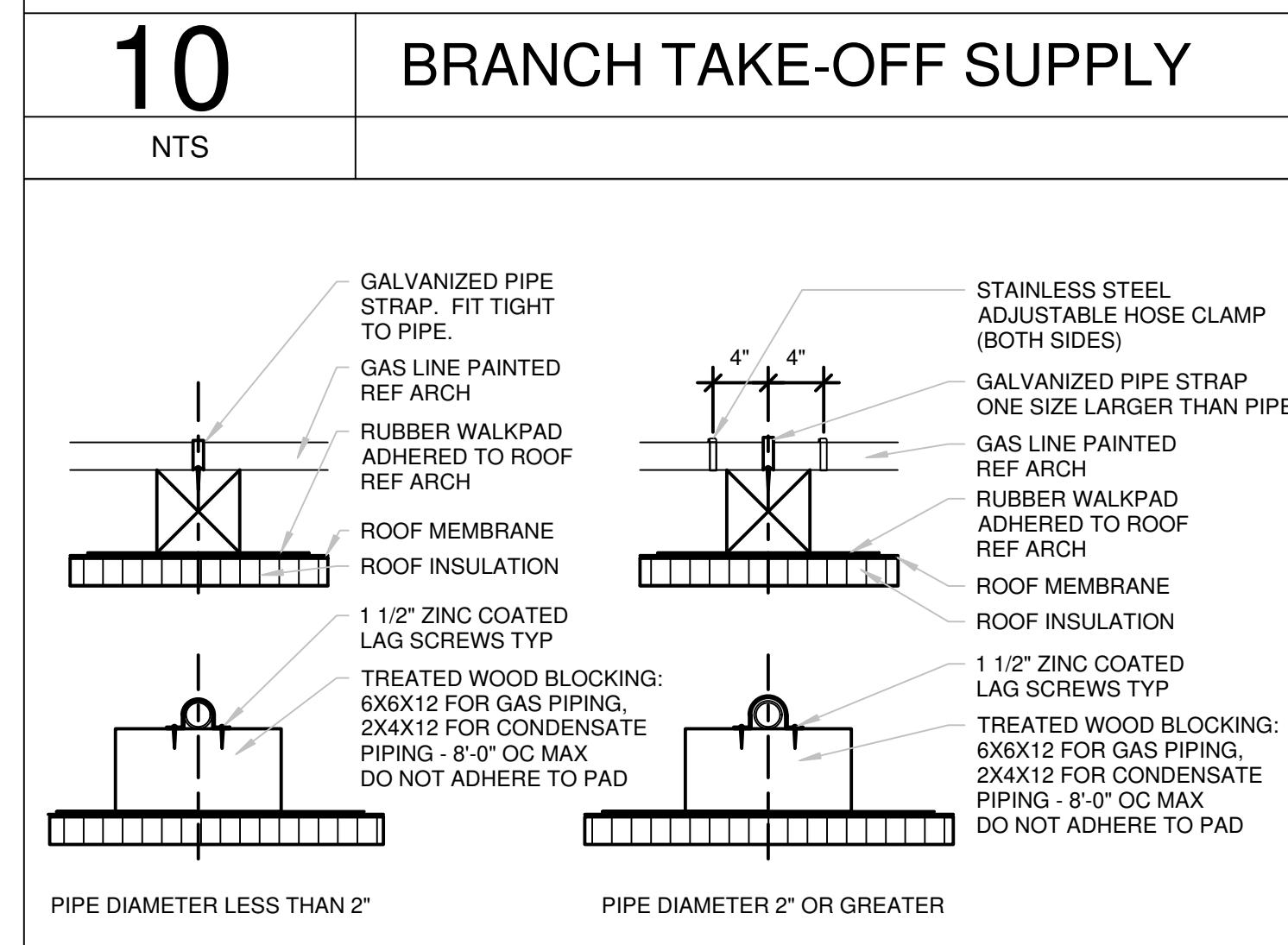
**1** MECHANICAL ROOF PLAN  
1/4" = 1'-0"



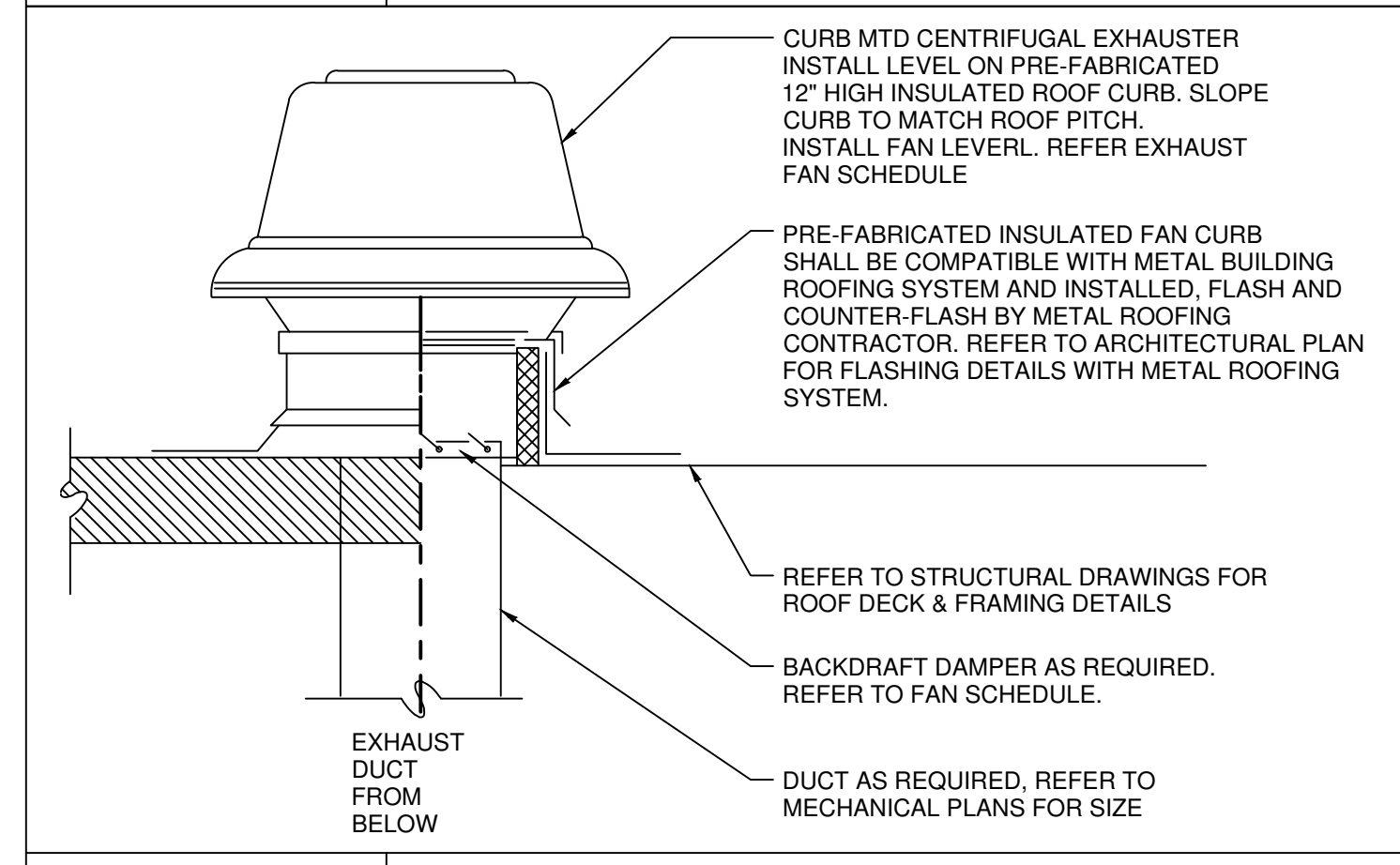
**11** FLUE THRU ROOF  
NTS



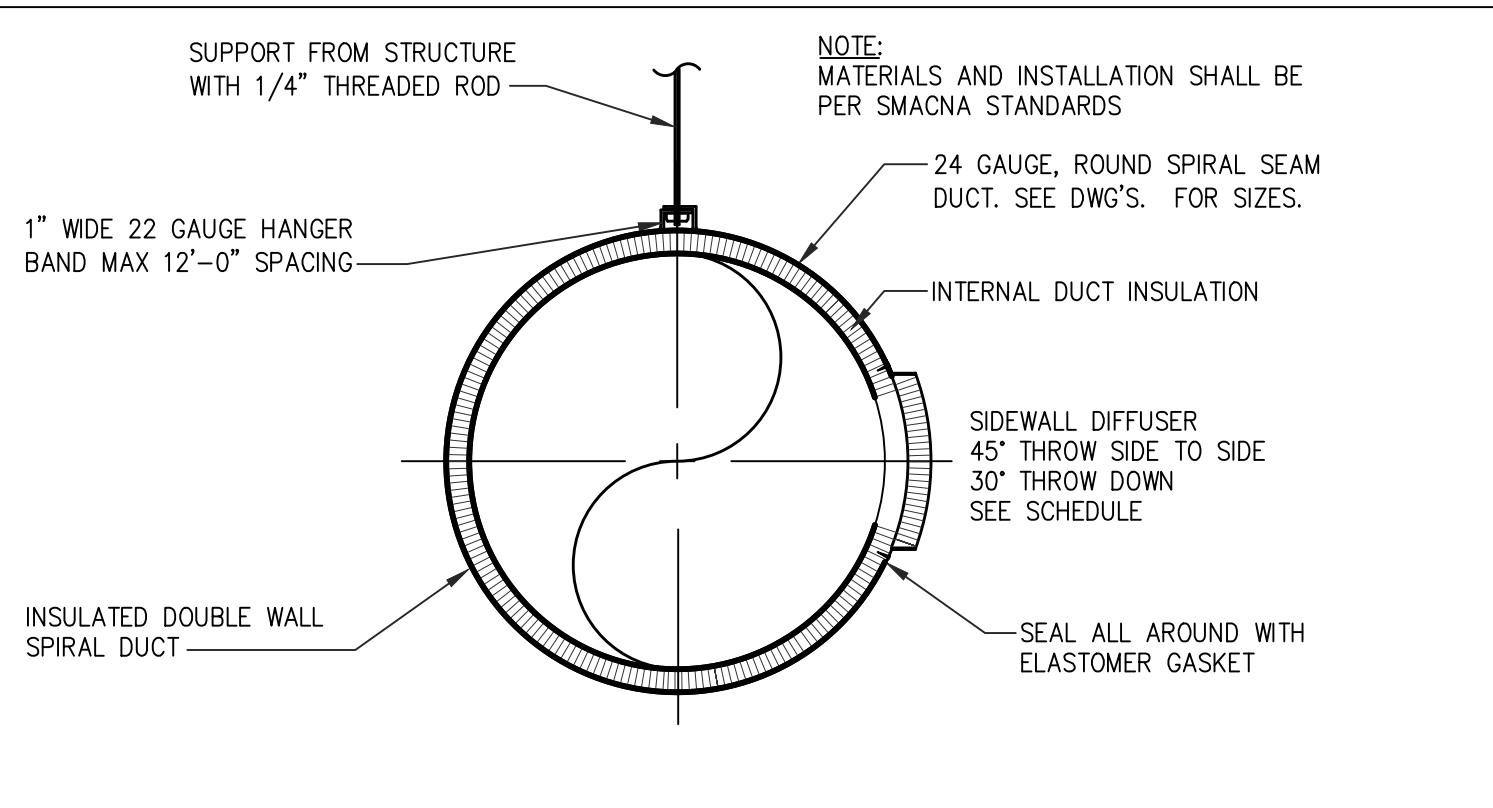
**10** BRANCH TAKE-OFF SUPPLY  
NTS



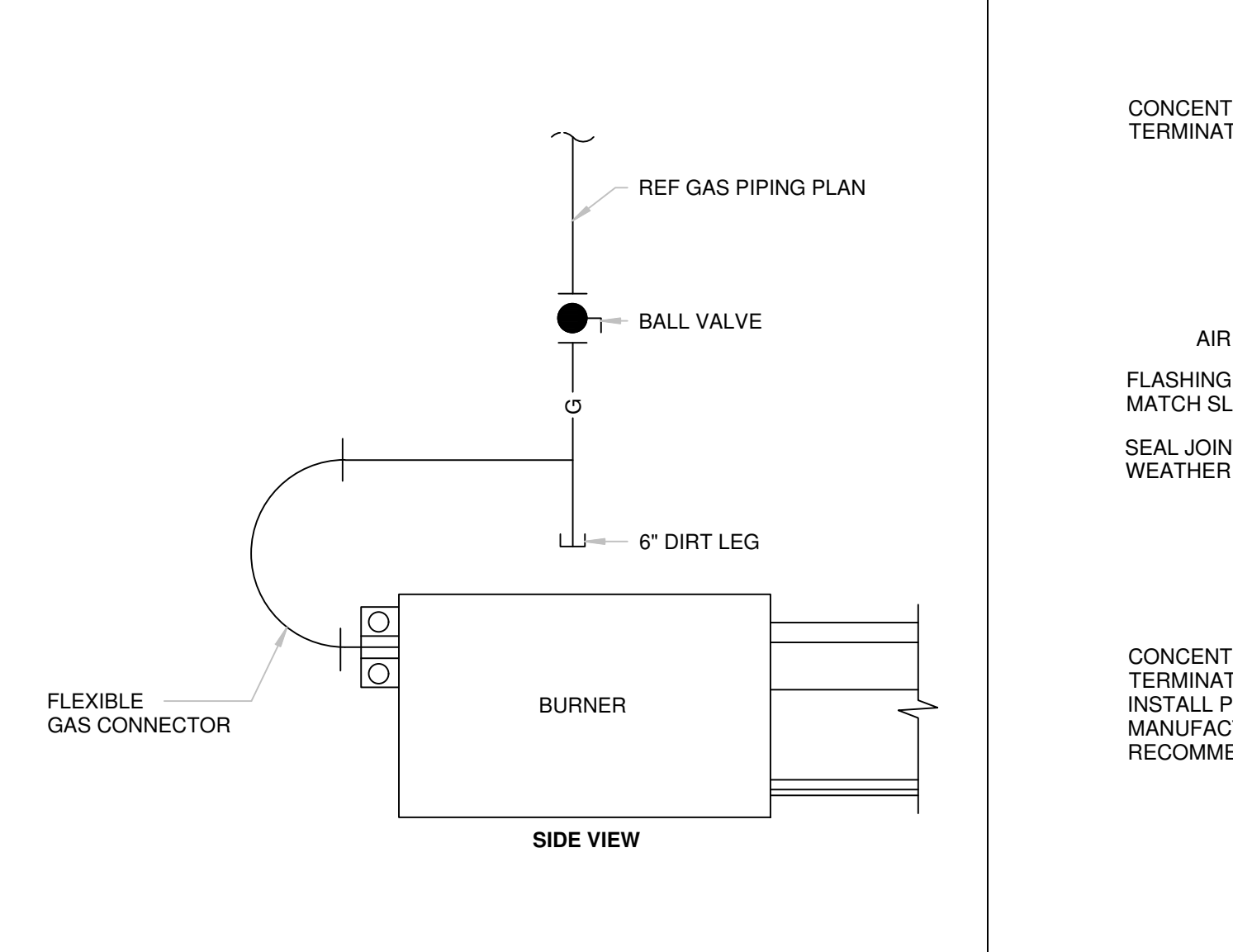
**6** PIPE BLOCKING  
NTS



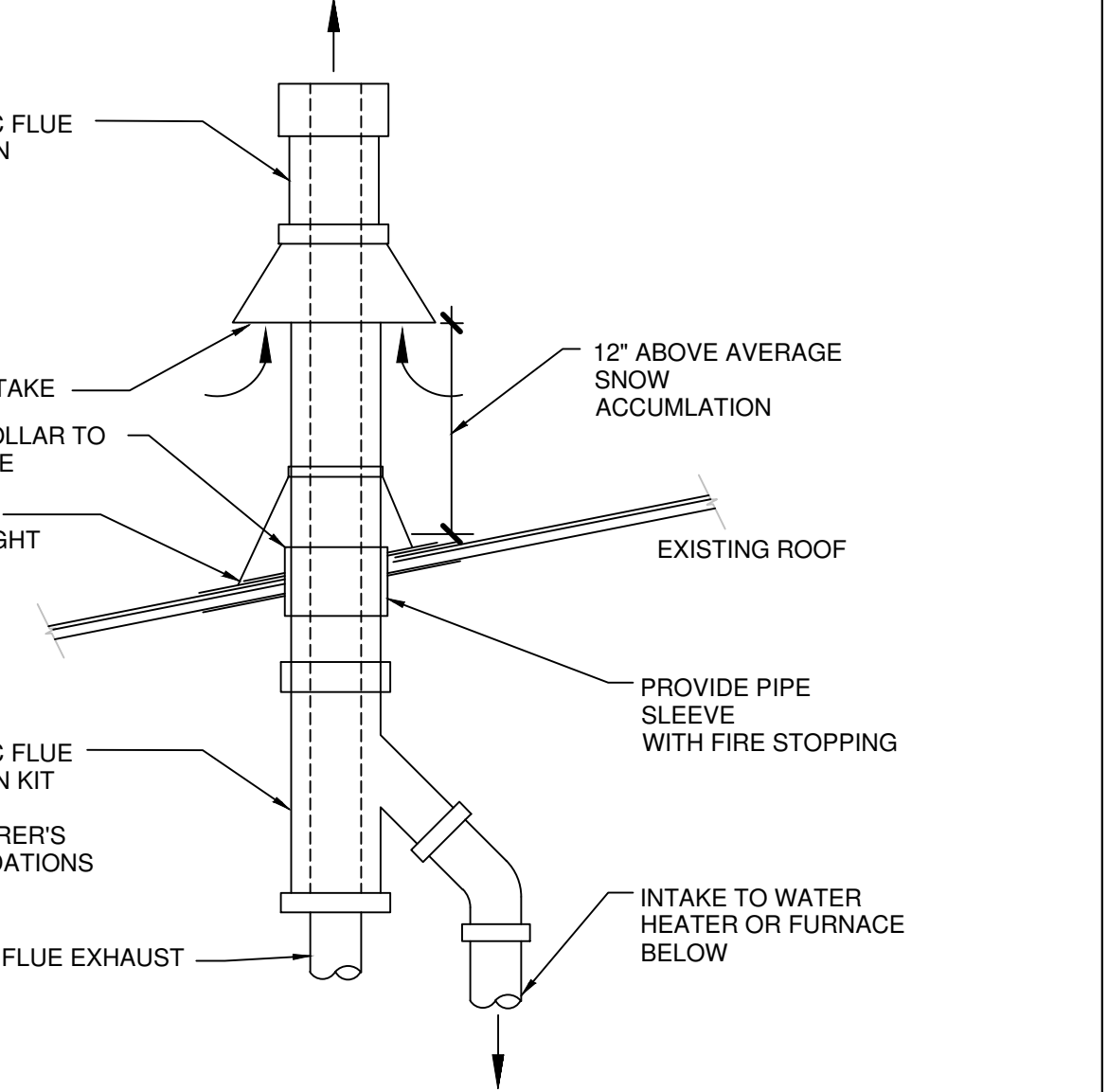
**4** ROOF MOUNTED EXHAUST FAN  
NTS



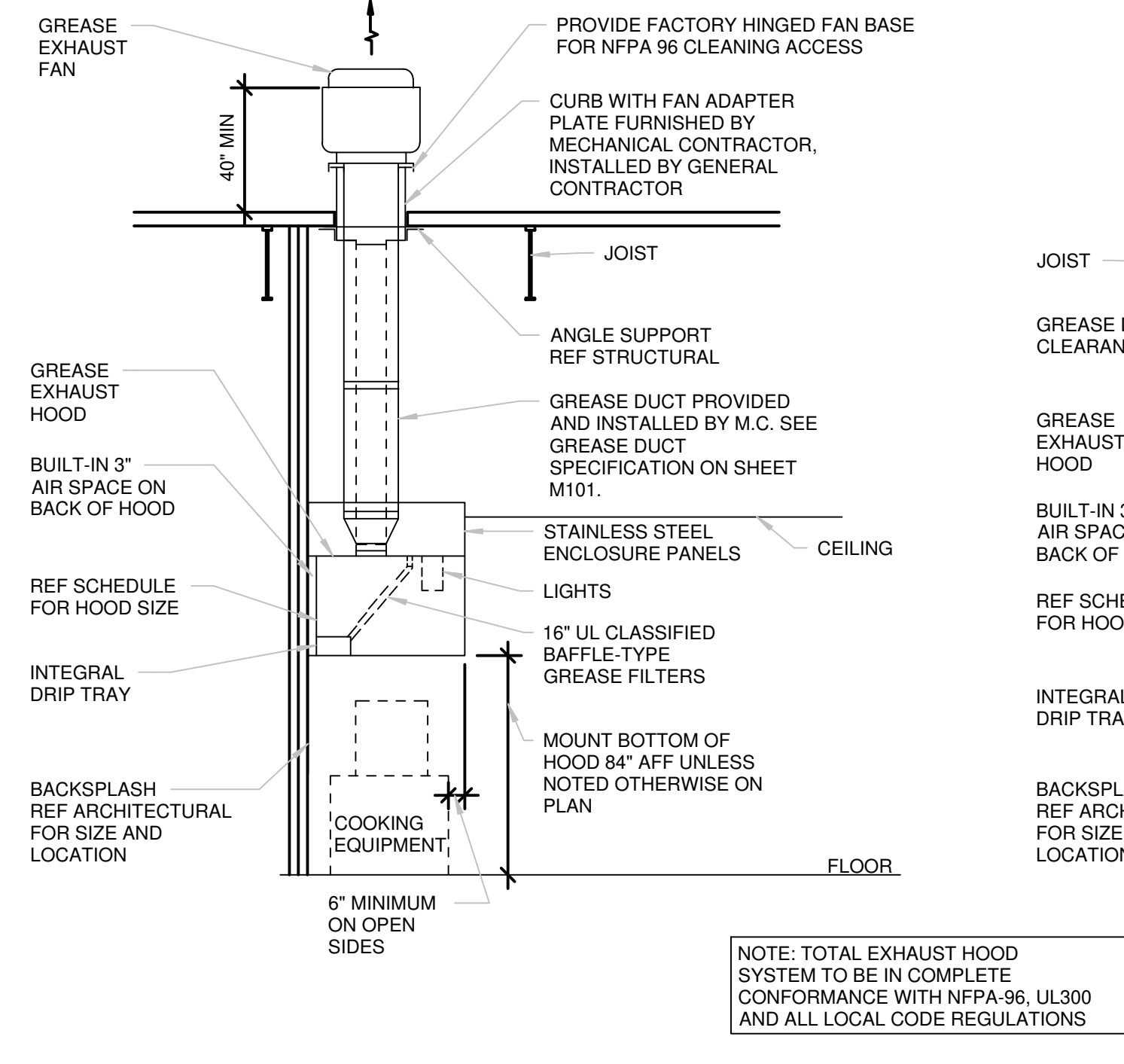
**12** EXPOSED SPIRAL DUCT DETAIL  
NTS



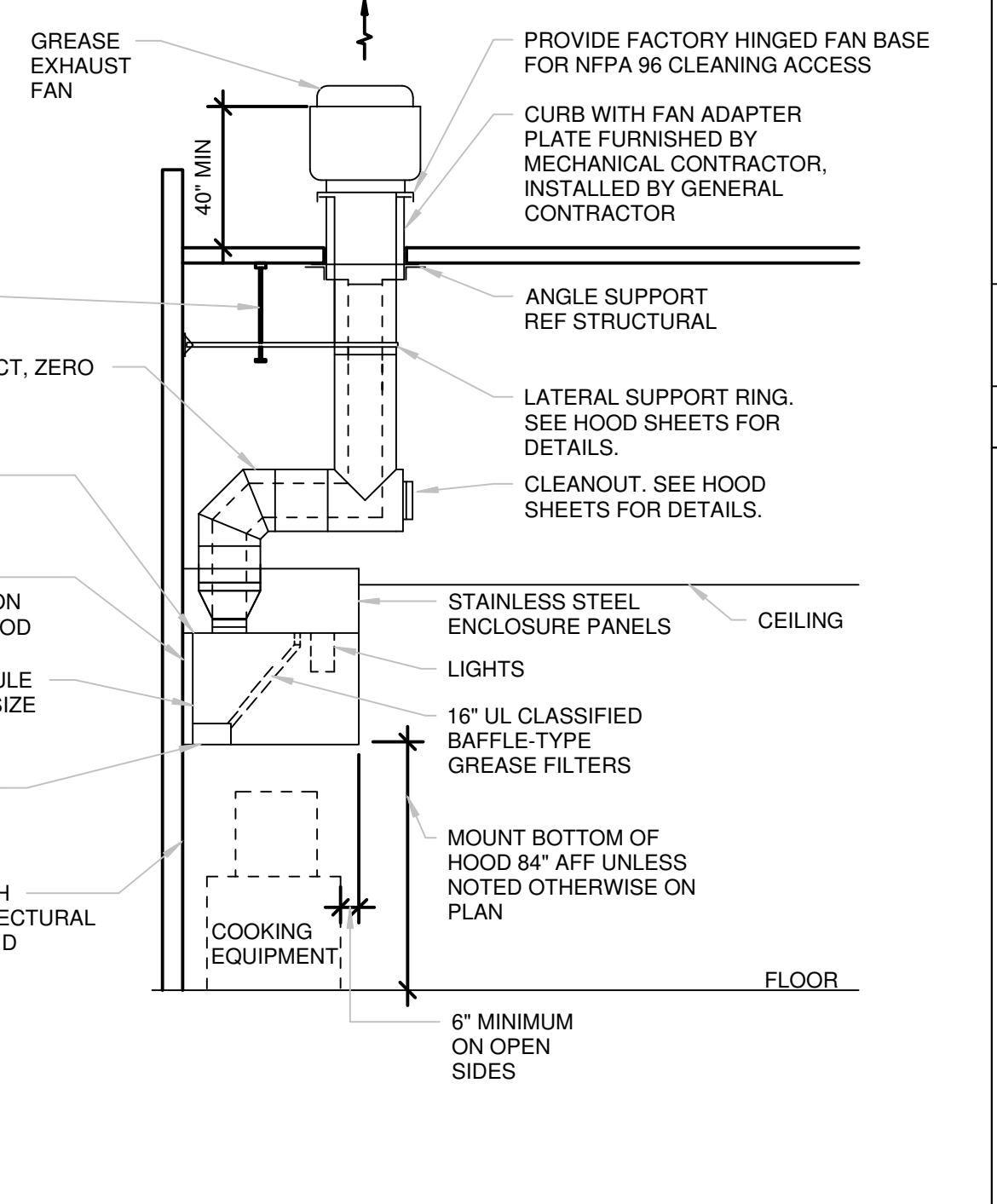
**9** GAS RADIANT HEATER  
NTS



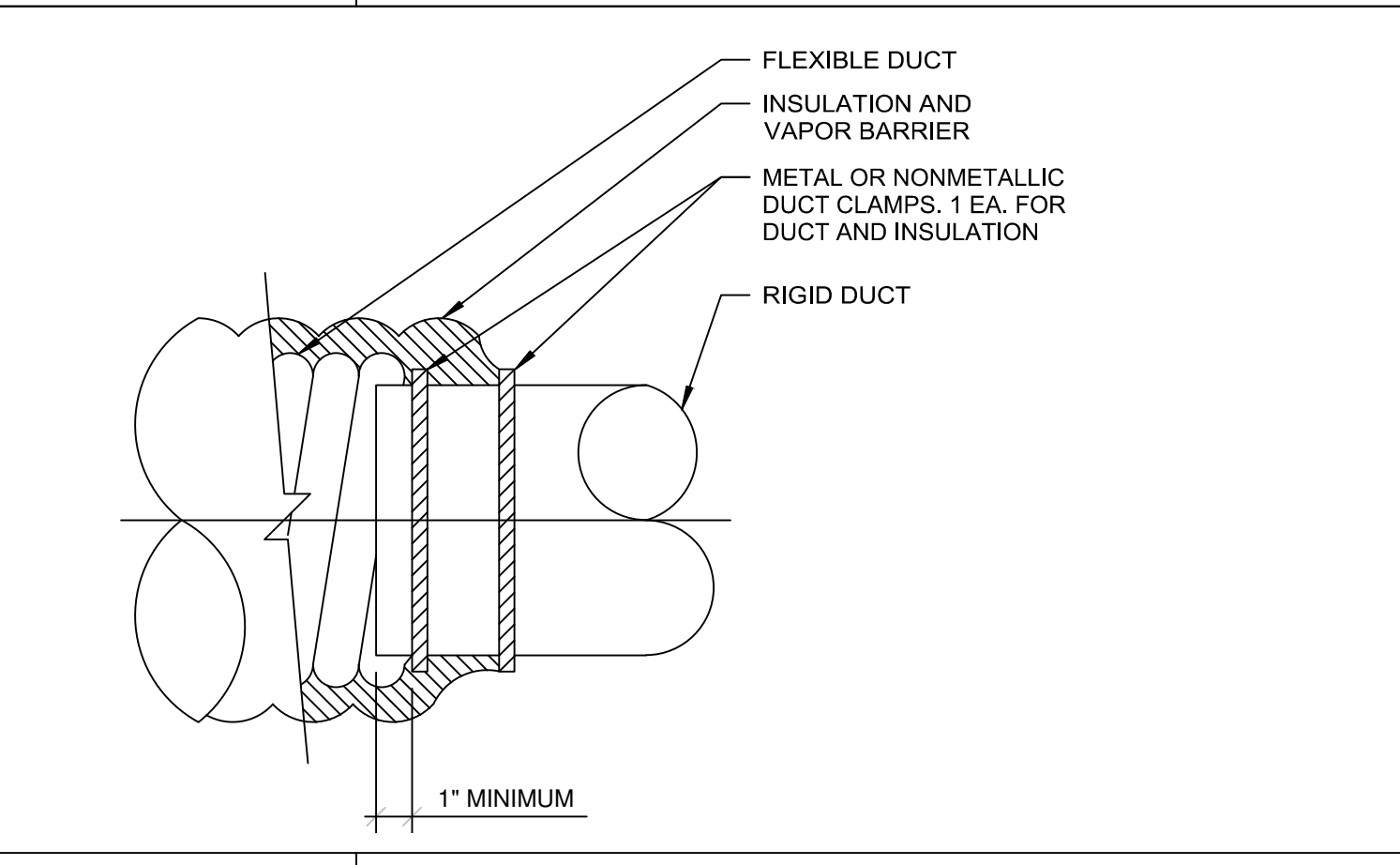
**8** CONCENTRIC INTAKE/FLUE  
NTS



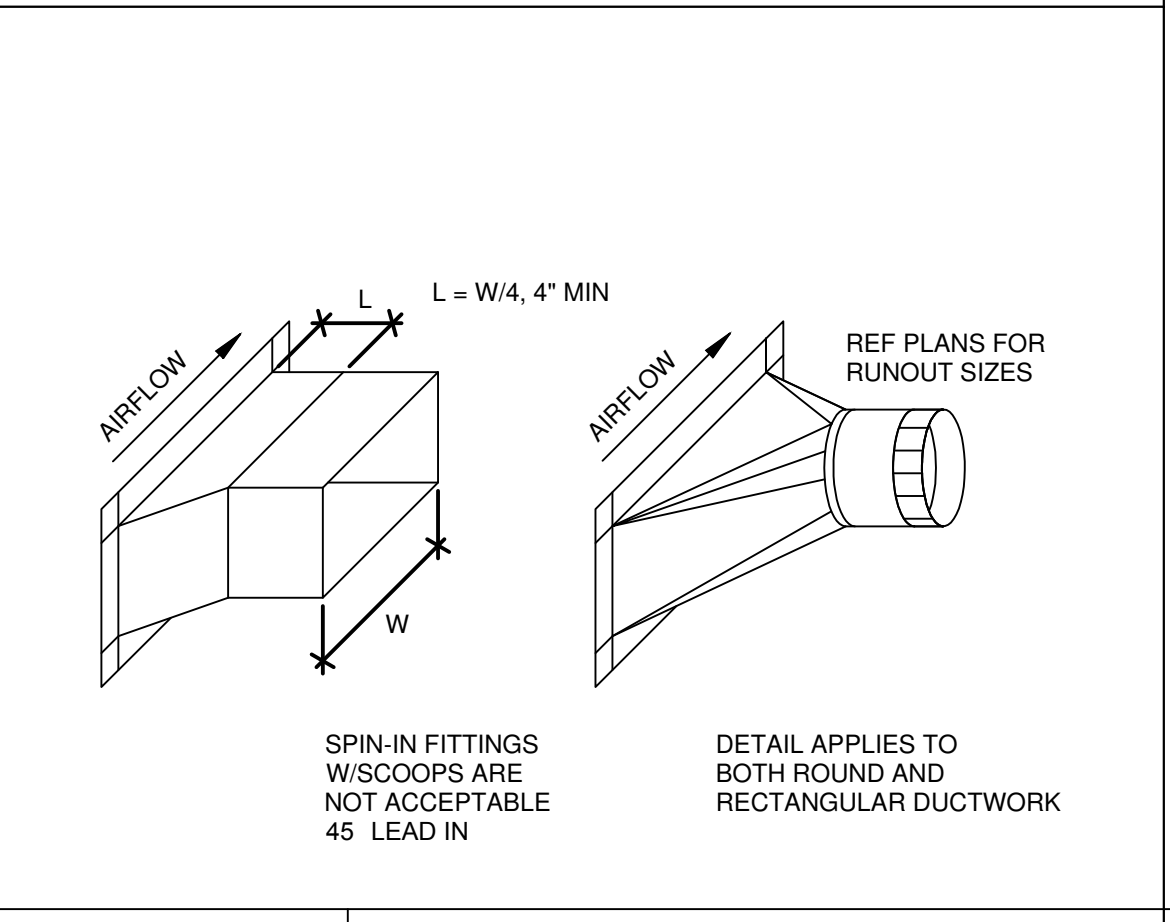
**5** EXHAUST HOOD  
NTS



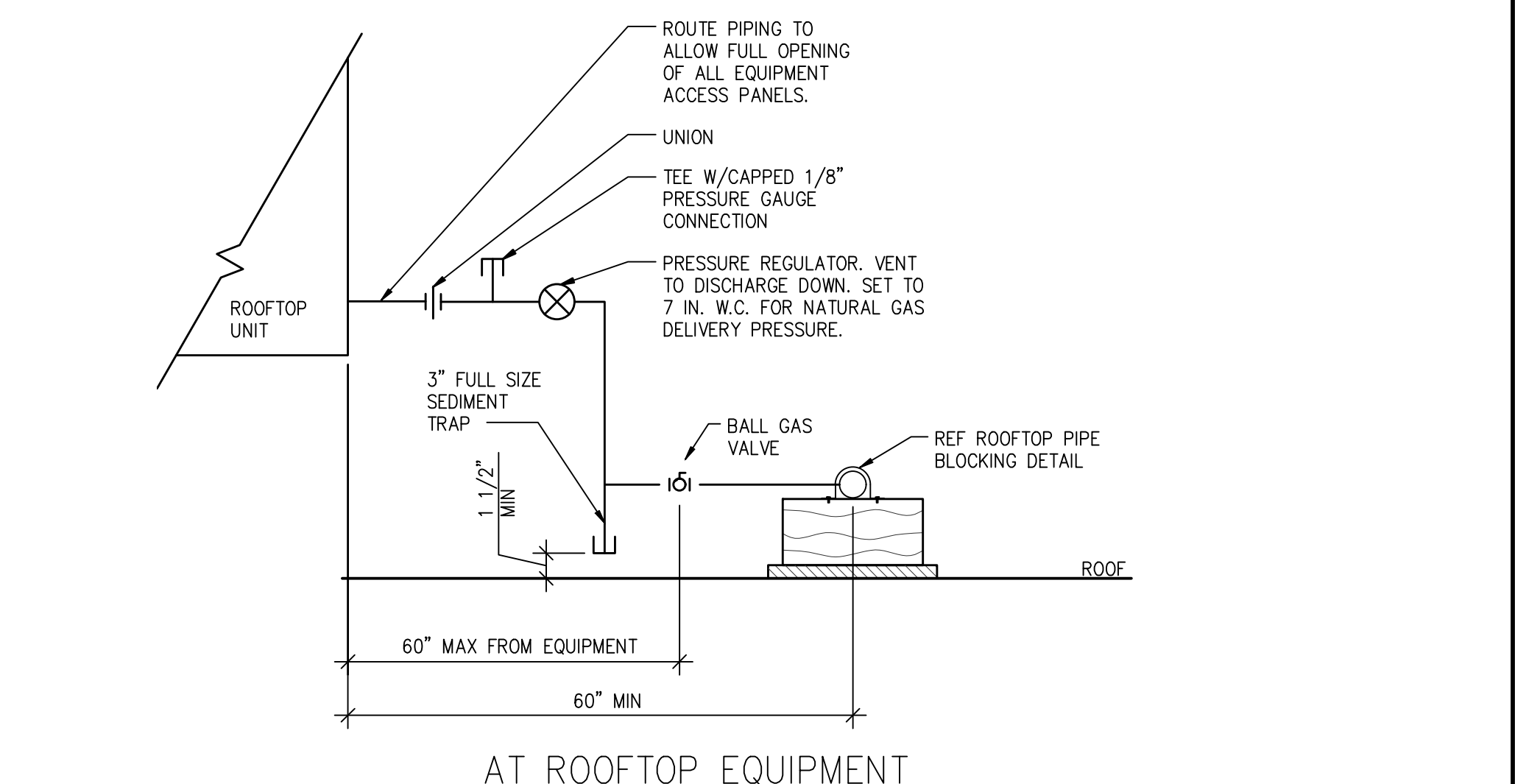
**5** EXHAUST HOOD  
NTS



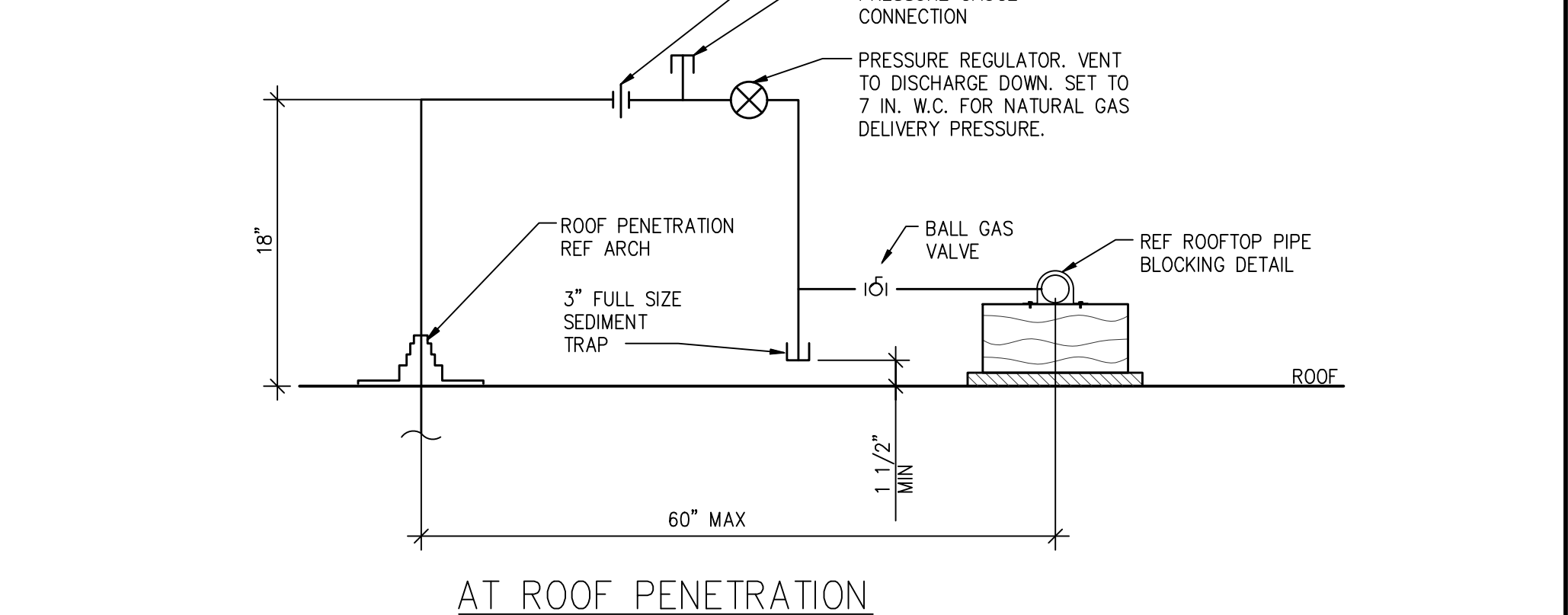
**3** FLEXIBLE DUCT CONNECTION  
NTS



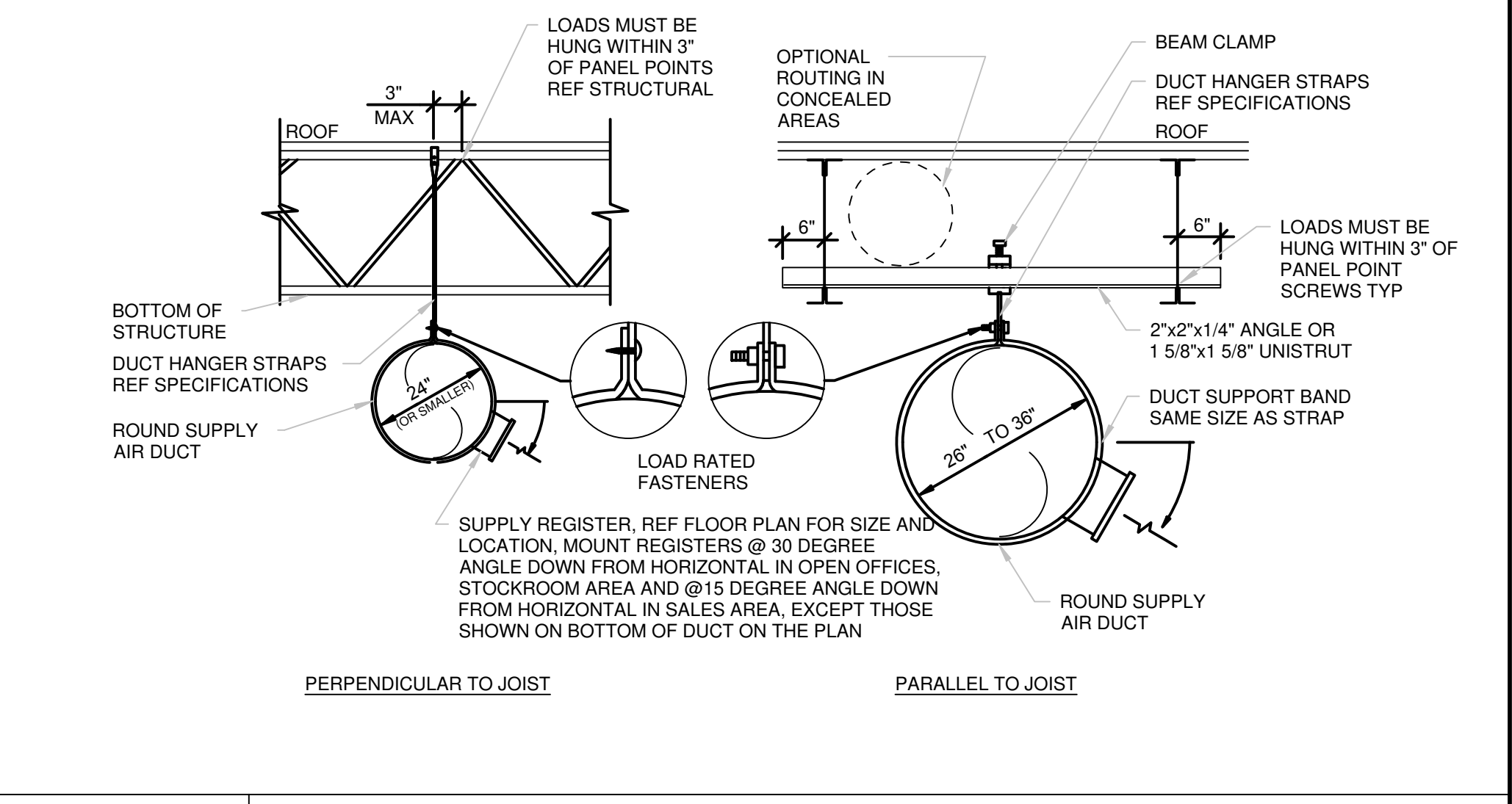
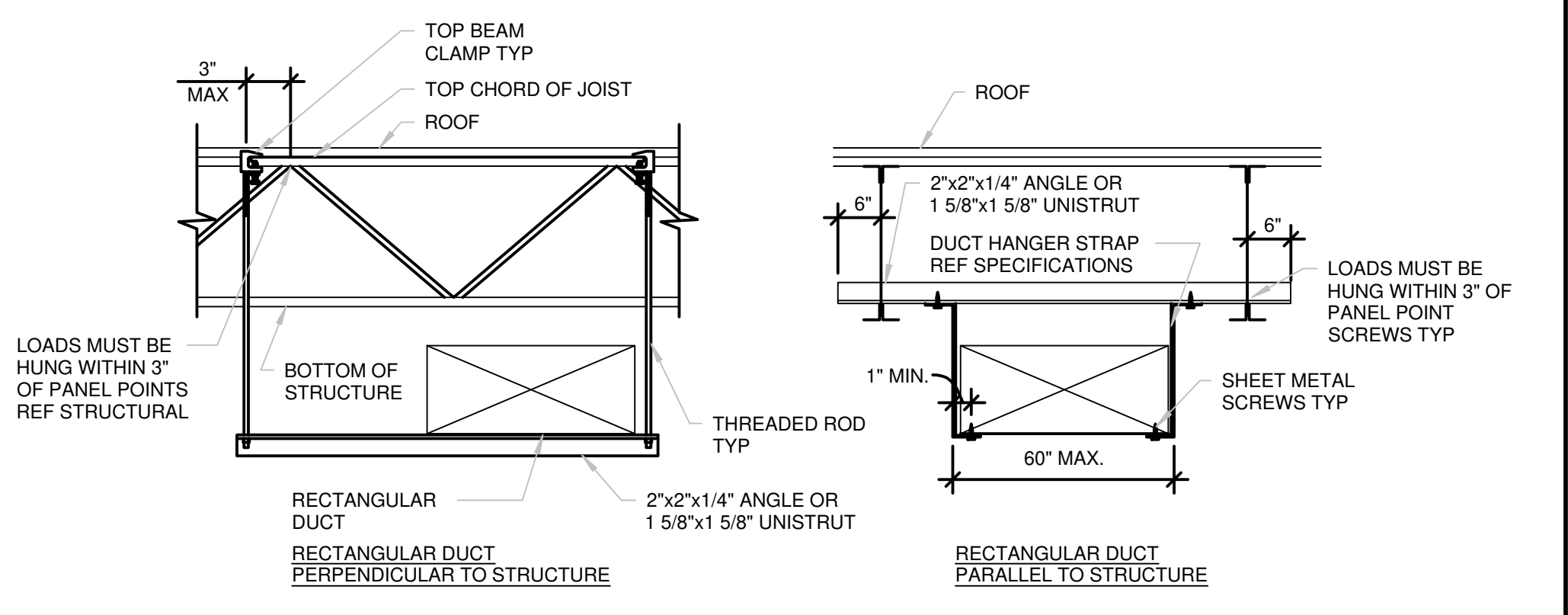
**2** BRANCH DUCT FITTING  
NTS



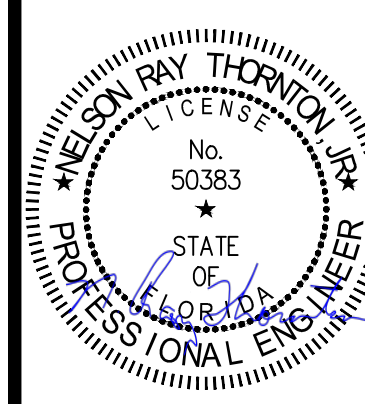
**7** RTU GAS CONNECTION  
NTS



**7** RTU GAS CONNECTION  
NTS



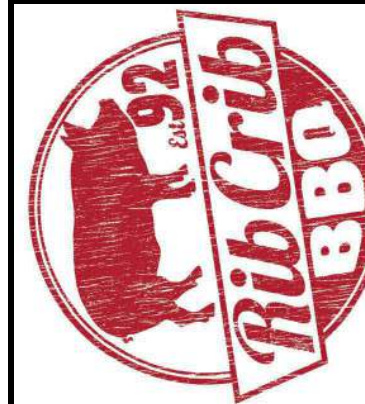
**1** DUCT SUPPORT AND GRILLE  
NTS



8/12/2022

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**RIB CRIB GEN 6 PROTOTYPE**  
 Location: GATEWAY CROSSING, CENTURION WAY  
 LAKE CITY, FLORIDA 32055  
 Drawing: MECHANICAL SCHEDULES  
 GENERATION 6



| Revisions         |
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| THRU ADDENDUM " " |
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PROJECT DATE  
08/12/2022

Drawn By  
**RJB**

Checked By  
**MJM**

Sheet No.  
**M601**

### PACKAGE ROOFTOP UNIT SCHEDULE

| MARK  | MANUFACTURER & MODEL | NOMINAL CAPACITY (TONS) | S/A CFM | O/A CFM | GAS HEAT IN/OUT (MBH) | NET COOLING CAPACITY TOTAL / SEN (MBH) | ESP | EER  | VOLTAGE | PHASE | MCA  | MOCOP | WEIGHT  | REMARKS |
|-------|----------------------|-------------------------|---------|---------|-----------------------|--|-----|------|---------|-------|------|-------|---------|---------|
| RTU-1 | CARRIER 48TCE12      | 10                      | 3200    | 1000    | 180 / 148             | 112.6 / 75.8                           | 0.7 | 11.0 | 208 V   | 3     | 50 A | 60 A  | 1327 lb | 1 - 11  |
| RTU-2 | CARRIER 48TCE29      | 8.5                     | 2720    | 350     | 125 / 103             | 96.7 / 67.1                            | 0.8 | 11.0 | 208 V   | 3     | 42 A | 50 A  | 1317 lb | 1 - 11  |

NOTES:  
 1. PROVIDE AND INSTALL HVAC SYSTEM IN ACCORDANCE WITH REQUIREMENTS OF AUTHORITY HAVING JURISDICTION.  
 2. PROVIDE UNIT WITH MEDIUM STATIC BELT DRIVEN FAN. SYSTEM SHALL BE TESTED AND BALANCED TO ACHIEVE SPECIFIED AIRFLOWS.  
 3. PROVIDE SMOKE DETECTORS IN SUPPLY AIR DUCTS. UNIT SHALL BE EQUIPPED TO SHUT DOWN UPON SENSING SMOKE.  
 4. ALL COMPRESSORS SHALL BE FIELD SERVICEABLE AND FITTED WITH SERVICE VALVES.  
 5. PROVIDE COMMERCIAL GRADE 7 DAY PROGRAMMABLE THERMOSTAT AND REMOTE SENSOR WHERE NOTED.  
 6. PROVIDE FACTORY 14" CURBS AND COIL HAIL GUARDS.  
 7. PROVIDE WITH DUAL ENTHALPHY ECONOMIZER WITH BAROMETRIC RELIEF AND FDD CONTROLS.  
 8. PROVIDE WITH CONDENSATE OVERFLOW SWITCH.  
 9. PROVIDE WITH FACTORY MOUNTED NON-FUSED DISCONNECT AND UNPOWERED CONVENIENCE OUTLET.  
 10. PROVIDE WITH ADAPTIVE DEHUMIDIFICATION SYSTEM (CARRIER HUMID-MIZER).  
 11. PROVIDE ALL RTU'S WITH 2 SPEED DRIVES.

### EXHAUST FAN SCHEDULE

| MARK  | AREA SERVED     | MANUFACTURER | MODEL    | CFM  | ESP (IN.) | MOUNTING TYPE | VOLTS | PH | HP    | CONTROL METHOD           | NOTES   |
|-------|-----------------|--------------|----------|------|-----------|---------------|-------|----|-------|--------------------------|---------|
| EF-1  | WOMENS RESTROOM | GREENHECK    | SP-A90   | 75   | 0.250     | CEILING       | 115   | 1  | 0.125 | SWITCH WITH LIGHTS       | 1, 3, 5 |
| EF-2  | MENS RESTROOM   | GREENHECK    | SP-A90   | 75   | 0.250     | CEILING       | 115   | 1  | 0.125 | SWITCH WITH LIGHTS       | 1, 3, 5 |
| KEF-1 | KITCHEN         | CAPTIVEAIRE  | DU180HFA | 2667 | 1.700     | ROOF          | 208   | 3  | 3.000 | REFER CAPTIVEAIRE SHEETS | 2, 4, 5 |
| SEF-1 | SMOKER          | CAPTIVEAIRE  | DU50HFA  | 1100 | 0.750     | ROOF          | 120   | 1  | 0.500 | REFER CAPTIVEAIRE SHEETS | 2, 4, 5 |
| SEF-2 | SMOKER          | CAPTIVEAIRE  | DU50HFA  | 1100 | 0.750     | ROOF          | 120   | 1  | 0.500 | REFER CAPTIVEAIRE SHEETS | 2, 4, 5 |

GENERAL INFORMATION  
 A. FANS MUST AMCA CERTIFIED AS WELL AS UL OR ETL LISTED.  
 B. SCHEDULED FAN HORSEPOWERS ARE MAXIMUM AND MAY VARY BETWEEN MANUFACTURERS.

NOTES:  
 1. FURNISH WITH PREMANUFACTURED ROOF JACK.  
 2. FURNISH WITH FACTORY MOUNTED DISCONNECT.  
 3. FURNISH WITH GRAVITY BACKDRAFT DAMPER AND BIRDSCREEN.  
 4. ROOF CURB PROVIDED BY GENERAL CONTRACTOR.  
 5. FURNISH WITH FACTORY PRE-WIRED FAN SPEED CONTROLLER.

### GRILLE AND DIFFUSER SCHEDULE

| MARK | MANUFACTURER | MODEL  | SERVICE    | FACE SIZE | MOUNTING LOCATION | NUMBER OF SLOTS | SLOT INCHES | NOTES       |
|------|--------------|--------|------------|-----------|-------------------|-----------------|-------------|-------------|
| CD1  | TITUS        | TMS    | SUPPLY AIR | 24"X24"   | LAY-IN            | --              | --          | 1,3,4,5,7   |
| CD2  | TITUS        | TMS    | SUPPLY AIR | 24"X24"   | SURFACE           | --              | --          | 1,2,3,4,5,7 |
| CD3  | CAPTIVEAIRE  | DI-PSP | SUPPLY AIR | 24"X24"   | LAY-IN            | --              | --          | 1,2,3,4,6,7 |
| CD4  | TITUS        | TDC    | SUPPLY AIR | 12"X12"   | SURFACE           | --              | --          | 1,2,3,4,5,7 |
| LS01 | TITUS        | ML-38  | SUPPLY AIR | 36"       | SURFACE           | 3               | 3/4         | 1,3,4,7,8   |
| SG1  | TITUS        | 301-RL | SUPPLY AIR | SEE PLANS | SIDEWALL / DUCT   | --              | --          | 1,2,4,7     |
| RG1  | TITUS        | 50F    | RETURN AIR | 24"X24"   | LAY-IN            | --              | --          | 1,3,4,7,9   |
| RG2  | TITUS        | 350-RL | RETURN AIR | SEE PLANS | SIDEWALL          | --              | --          | 1,2,4,7     |

NOTES:  
 1. REFER TO SPECIFICATIONS FOR APPROVED ALTERNATE MANUFACTURERS. PRE-BID APPROVAL IS REQUIRED.  
 2. PROVIDE WITH FACE OPERATED OPPOSED BLADE DAMPER FOR VOLUME BALANCING.  
 3. NECK SIZE OF DIFFUSER SHALL MATCH THE DUCT SIZE SERVING THE DIFFUSER.  
 4. AIR DEVICE COLOR SHALL BE COMPATIBLE WITH THE ARCHITECTURAL CEILING FOR THE ROOM IN WHICH THE AIR DEVICE IS LOCATED. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE.  
 5. ALL DIFFUSERS TO BE 4-WAY THROW UNLESS NOTED OTHERWISE.  
 6. PERFORATED DUMP DIFFUSER.  
 7. ALL AIR DEVICES SHALL BE TESTED IN ACCORDANCE WITH ASHRAE STANDARD 70-91.  
 8. PROVIDE BOWDEN CABLE PLENUM/SLOT DIFFUSER DAMPER CONTROL SYSTEM AS MANUFACTURED BY YOUNG REGULATOR COMPANY. PROVIDE CABLE CONTROLLED DAMPER, REQUIRED CABLE & WIRE, RACK AND PINION CONTROLLER WITH BRACKET ACCESSIBLE THROUGH FACE OF GRILLE.  
 9. PROVIDE TRANSITION FROM SQUARE TO ROUND AS REQUIRED.

### RADIANT HEATER SCHEDULE

| MARK | AREA SERVED | MANUFACTURER | MODEL  | HTG INPUT | STYLE    | MCA    | MOCOP | VOLTAGE | PHASE | NOTES |
|------|-------------|--------------|--------|-----------|----------|--------|-------|---------|-------|-------|
| RH-1 | PATIO       | NUDSTRIA     | NEL-30 | 3.0 KW    | ELECTRIC | 10.8 A | 20 A  | 208 V   | 1     | ALL   |
| RH-2 | PATIO       | NUDSTRIA     | NEL-30 | 3.0 KW    | ELECTRIC | 10.8 A | 20 A  | 208 V   | 1     | ALL   |

NOTES:  
 1. INSTALL RADIANT HEATER PER MANUFACTURER'S RECOMMENDATIONS. MAINTAIN ALL CLEARANCES TO COMBUSTIBLES AS REQUIRED.  
 2. PROVIDE WITH REMOTE CONTROL.  
 3. PROVIDE WITH CEILING MOUNT BRACKETS.  
 4. STANDARD FINISH IS BLACK. CONFIRM FINISH WITH ARCHITECT PRIOR TO ORDERING.

### CEILING FAN SCHEDULE

| MARK | UNIT TYPE   | MANUFACTURER & MODEL | BLADE FINISH | MOTOR FINISH | FAN DIAMETER | FAN CONTROLS | WEIGHT |
|------|-------------|----------------------|--------------|--------------|--------------|--------------|--------|
| CF-1 | CEILING FAN | HUNTER 50716         | MATTE BLACK  | MATTE BLACK  | 52           | REMOTE       | 15 lb  |
| CF-2 | CEILING FAN | HUNTER 50716         | MATTE BLACK  | MATTE BLACK  | 52           | REMOTE       | 15 lb  |

GENERAL INFORMATION (ALL UNITS):  
 1. FAN ELECTRICAL DATA: 120/1PH.  
 2. OUTDOOR DINING ZONING.

### MECHANICAL SYSTEMS AND EQUIPMENT:

METHOD OF COMPLIANCE:  PRESCRIPTIVE  ENERGY COST BUDGET \_\_\_\_\_

MECHANICAL SPACE CONDITIONING SYSTEM

UNITARY:  
 DESCRIPTION OF UNIT: RTU #1 8.5 TON COOLING W/ GAS HEAT RTU #2 8.5 TON COOLING W/ GAS HEAT  
 HEATING EFFICIENCY: 82% 82%  
 COOLING EFFICIENCY: 11.0 EER 11.0 EER  
 HEAT OUTPUT OF UNIT: 148 MBH 103 MBH  
 COOLING OUTPUT OF UNIT: 120 MBH 102 MBH  
 BOILER: NONE CHILLER: NONE  
 THERMAL ZONE : 2A  
 EXTERIOR DESIGN CONDITIONS  
 WINTER DRY BULB: 29.6F  
 SUMMER DRY BULB: 94.0F  
 EQUIPMENT SCHEDULES WITH MOTORS (MECHANICAL SYSTEMS): BY OTHERS

INTERIOR DESIGN CONDITIONS: RTU #1 RTU #2  
 WINTER DRY BULB: 68F 68F  
 SUMMER DRY BULB: 78F 78F  
 RELATIVE HUMIDITY: N/A N/A  
 MOTOR HORSEPOWER: SEE SHEET M1.01  
 NUMBER OF PHASES: SEE SHEET M1.01  
 MINIMUM EFFICIENCY: SEE SHEET M1.01  
 MOTOR TYPE: SEE SHEET M1.01  
 # OF POLES: SEE SHEET M1.01

BUILDING HEATING LOAD: 81.0 MBH  
 BUILDING COOLING LOAD: 160.0 MBH

### ELECTRIC UNIT HEATER SCHEDULE

| MARK  | MANUFACTURER | MODEL    | AREA SERVED     | ELEC HEAT (KW) | AMPS | VOLTAGE | PHASE |
|-------|--------------|----------|-----------------|----------------|------|---------|-------|
| EUH-1 | OMARK        | MUH05-81 | FIRE RISER ROOM | 5.00           | 24   | 208 V   | 1     |

NOTES:  
 1. INSTALL PER MANUFACTURER'S RECOMMENDATION AS INDICATED ON DRAWINGS UNLESS NOTED OTHERWISE.  
 2. PROVIDE WITH INTEGRAL THERMOSTAT ON UNIT. SET TO MINIMUM 55 DEGREES FAHRENHEIT.  
 3. PROVIDE WITH WALL MOUNTING BRACKET.

### AIR CURTAIN SCHEDULE

| PLAN MARK | MANUFACTURER | MODEL         | LOCATION   | AIRFLOW (CFM) | VELOCITY | HORSEPOWER | FAN QUANTITY | VOLTAGE | PHASE | WEIGHT | NOTES |
|-----------|--------------|---------------|------------|---------------|----------|------------|--------------|---------|-------|--------|-------|
| AC-1      | MARS AIR     | LPN236-1UA-OB | DRIVE THRU | 900           | 1800 FPM | 0.167 hp   | 1            | 115 V   | 1     | 32 lb  | 1 - 3 |

NOTES:  
 1. INSTALL UNIT PER MANUFACTURER'S REQUIREMENTS.  
 2. PROVIDE WITH MANUFACTURER DOOR LIMIT SWITCH FOR INTERLOCKING OPERATION WITH DRIVE THRU WINDOW OPENING.  
 3. STANDARD COLOR IS OBSIDIAN BLACK. ARCHITECT TO CONFIRM COLOR PRIOR TO ORDERING.

### VENTILATION SCHEDULE

| SYSTEMS       | AREA              | VENT/EXHAUST REQ.   | MIN. REQUIRED VENT. (CFM) | TOTAL MIN. REQUIRED VENT. (CFM) | PROVIDED VENT. (CFM) | MIN. REQUIRED EXHAUST (CFM) | PROVIDED EXHAUST (CFM) |
|---------------|-------------------|---------------------|---------------------------|---------------------------------|----------------------|-----------------------------|------------------------|
| RTU-1         | DINING            | SEE 2020 FLMC CALCS | 814                       | 983                             | 1,000                | -                           | -                      |
|               | SERVING           | SEE 2020 FLMC CALCS | 73                        |                                 |                      | -                           | -                      |
|               | VESTIBULE/WAITING | SEE 2020 FLMC CALCS | 66                        |                                 |                      | -                           | -                      |
|               | CORRIDOR          | SEE 2020 FLMC CALCS | 28                        |                                 |                      | -                           | -                      |
| RTU-2         | RESTROOMS         | SEE 2020 FLMC CALCS | -                         | 37                              | 350                  | 140                         | 150                    |
|               | KITCHEN           | SEE 2020 FLMC CALCS | -                         |                                 |                      | -                           | 2,067                  |
|               | OFFICE            | SEE 2020 FLMC CALCS | 13                        |                                 |                      | -                           | -                      |
|               | STORAGE           | SEE 2020 FLMC CALCS | 25                        |                                 |                      | -                           | -                      |
| <b>TOTALS</b> |                   |                     | <b>1,021</b>              | <b>983</b>                      | <b>1,000</b>         | <b>735</b>                  | <b>2,817</b>           |

NOTES:  
 1. VENTILATION RATES PER 2020 FLORIDA MECHANICAL CODE.  
 2. OUTSIDE AIR QUANTITIES ARE SHOWN IN AIR BALANCE SCHEDULE.

### AIR BALANCE SCHEDULE

| UNIT                      | AREA SERVED    | SUPPLY AIR      | OUTSIDE AIR     | RETURN AIR      | EXHAUST AIR     |
|---------------------------|----------------|-----------------|-----------------|-----------------|-----------------|
| RTU-1                     | FRONT OF HOUSE | 3200 CFM        | 1000 CFM        | 2200 CFM        | -               |
| RTU-2                     | BACK OF HOUSE  | 2720 CFM        | 350 CFM         | 2370 CFM        | -               |
| MAU-1                     | FRYER/GRIDDLE  | -               | 2134 CFM        | -               | -               |
| KEF-1                     | FRYER/GRIDDLE  | -               | -               | -               | 2667 CFM        |
| EF-2                      | RESTROOMS      | -               | -               | -               | 75 CFM          |
| EF-3                      | RESTROOMS      | -               | -               | -               | 75 CFM          |
| <b>TOTAL:</b>             |                | <b>5920 CFM</b> | <b>3484 CFM</b> | <b>4570 CFM</b> | <b>2847 CFM</b> |
| <b>BUILDING PRESSURE:</b> |                | <b>667 CFM</b>  |                 | <b>POSITIVE</b> |                 |

### HVAC SEQUENCE OF OPERATION

MC SHALL SET THERMOSTAT 'OCCUPIED' AND 'UNOCCUPIED' MODES TO OWNER'S OPERATION SCHEDULE. EVAPORATOR FANS SHALL RUN CONTINUOUSLY(O) IN THE 'OCCUPIED' MODE. VERIFY OPERATION SCHEDULE AND SET-POINTS WITH BRANCH MANAGER AND RIB CRIB.

NORMAL OPERATION (OCCUPIED):  
 KEF-1, EVAPORATOR FANS, AND ECONOMIZERS (IF INSTALLED) ON RTU-1 AND RTU-2 SHALL OPERATE CONTINUOUSLY UPON ACTIVATION OF KITCHEN HOOD SWITCH. INTERLOCK RELAY FIELD PROVIDED. NORMALLY OPEN CONTACTS FOR THIS ARE INCLUDED INTERNALLY IN THE HOOD ELECTRICAL CONTROL PANEL. SEE DETAILS THIS SHEET AND HOOD SHEETS.

UPON DEACTIVATION OF THE KITCHEN HOOD CONTROL PANEL, ALL ROOFTOP UNITS SHALL BE CONTROLLED VIA INDIVIDUAL SENSORS AND THERMOSTATS.

THE TEMPERATURE SCHEDULE SET POINTS SHALL BE SPECIFIC FOR EACH RTU AND SHALL BE FIELD ADJUSTABLE.  
 SPACE TEMPERATURE SET POINTS: RTU-2: 4 F COOLING 98 F HEATING  
 RTU-1: 4 F COOLING 0 F HEATING

SPACE HUMIDITY SET POINTS: RTU-1, RTU-2: 50%RH

RTU-1 AND RTU-2 SHALL UTILIZE A MULTISTAGE EVAPORATOR FAN. EVAPORATOR FANS AND ECONOMIZERS (IF INSTALLED) SHALL OPERATE WHEN ENERGIZED BY THE THERMOSTAT DURING 'OCCUPIED' PERIODS DETERMINED BY OWNER. THE RTU SHALL UTILIZE A LOW SPEED INITIALLY AND RAMP UP TO A HIGHER SPEED IF THE LOAD IS NOT MET. OUTSIDE AIR INTAKE ON ECONOMIZERS OR DAMPERS SHALL BE SET SO THAT AT LOW SPEED, MINIMUM OUTSIDE AIR FLOW IS SET TO VALUE SHOWN IN AIR BALANCE SCHEDULE ON SHEET M601 OR SHALL FOLLOW ECONOMIZER OPERATION DESCRIBED BELOW.

ALL RTU'S COOLING/HEATING SWITCHOVER SHALL BE AUTOMATIC BASED ON THE SPACE DEMAND. EVAPORATOR FANS SHALL BE SET TO RUN CONTINUOUSLY(O) DURING 'OCCUPIED' PERIODS. OUTSIDE AIR INTAKE ON ECONOMIZERS OR DAMPERS SHALL BE IN MINIMUM OPEN POSITION TO DELIVER CFMS INDICATED IN AIR BALANCE SCHEDULE ON SHEET M601 OR SHALL FOLLOW THE ECONOMIZER OPERATION DESCRIBED BELOW.

FRESH AIR TEMPERING (IF APPLICABLE)  
 SHALL PROGRAM FRESH AIR TEMPERING SETPOINT VIA TSTAT OR CONTROL BOARD INSIDE RTU. M.C. SHALL CHANGE OPTION 4 IN THE OPTIONS MENU TO 1=ENABLED. OR, REMOVE JUMPER FROM RTOM J3-1 AND J3-2 FOR PROGRAMMABLE TSTATS.

ECONOMIZER OPERATION (IF APPLICABLE)  
 THE RTU'S EQUIPPED WITH ECONOMIZERS (SEE UNITS SCHEDULE ON SHEET M601) SHALL UTILIZE "FREE COOLING" AS THE FIRST STAGE OF COOLING. WHEN OUTDOOR AIR TEMPERATURE IS LOWER THAN THE MIXED AIR TEMPERATURE, OUTSIDE AIR INTAKE DAMPERS SHALL MODULATE FROM MIN. TO MAX. OPEN POSITION AND SPACE RETURN AIR DAMPERS SHALL MODULATE FROM MAX. TO MIN. RELIEF DAMPERS SHALL BE CONTROLLED RESPECTIVELY VIA INTEGRAL RTU CONTROL. IF THE OUTSIDE AIR ALONE CANNOT SATISFY THE SPACE COOLING DEMAND, THE COMPRESSORS SHALL BE ENERGIZED IN STAGES. WHEN OUTDOOR AIR TEMPERATURE IS HIGHER THAN MIXED AIR TEMPERATURE OR WHEN THE LOW LIMIT SENSOR LOCATED IN DISCHARGE AIR REACHES ITS SET POINT (55 F AD. ), THEN OUTDOOR AIR AND RETURN AIR DAMPERS SHALL BE SET TO DELIVER MINIMUM O.A. CFMS INDICATED IN THE AIR BALANCE SCHEDULE.

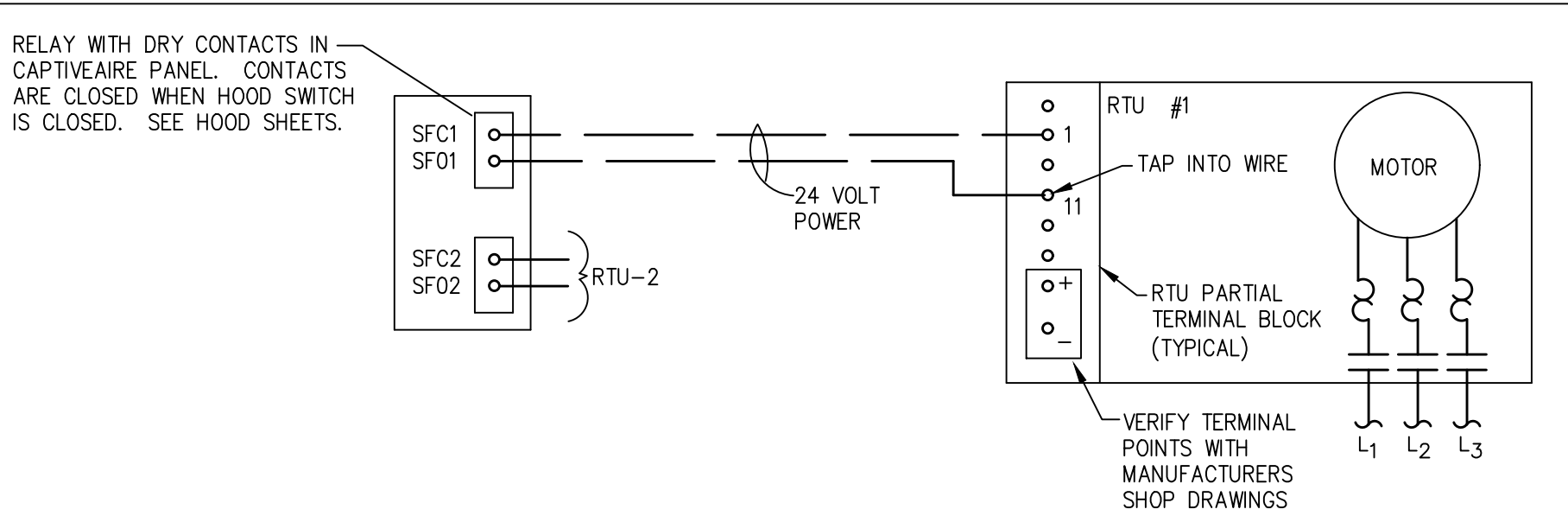
NIGHT SETBACK OPERATION (UNOCCUPIED)  
 SHALL PROGRAM NIGHT SETBACK OPERATION (UNOCCUPIED) PERIODS DURING WHICH THE THERMOSTAT SHALL BE SET TO THE NIGHT SETBACK POINTS. RTU-1 AND RTU-2: 85 F COOLING 55 F HEATING.

ALL RTU EVAPORATOR FANS, COMPRESSORS AND HEATER SHALL RUN ON DEMAND ONLY (AUTO). ANY MOTORIZED OUTSIDE AIR DAMPERS SHALL BE IN CLOSED POSITION. MC SHALL VERIFY REQUIREMENT FOR AUTOMATIC SETBACK CONTROL WITH LOCAL AUTHORITIES AND COORDINATE WITH EQUIPMENT SUPPLIER.

EMERGENCY OPERATION  
 SHALL WIRE ANSUL SYSTEM ON TYPE 1 GREASE COOKING HOOD SO THAT UPON FIRE DETECTION OR MANUAL ACTIVATION, ALL POWER TO EQUIPMENT UNDER HOOD SHALL BE ISOLATED, WHILE THE EXHAUST FAN SHALL CONTINUE TO OPERATE. ELECTRICAL SHUNT TRIPPING SHALL ISOLATE ALL POWER TO EQUIPMENT UNDER HOOD. EVAPORATOR FAN ON EACH RTU SHALL BE SHUT DOWN BY INDIVIDUAL SMOKE DETECTOR UPON DETECTING SMOKE.

FIRE PROTECTION GLOBAL SHUTDOWN:  
 IF LOCAL CODE OFFICIAL REQUIRES GLOBAL SHUTDOWN OF ALL RTU'S UPON SMOKE DETECTION IN ANY RTU DUCTWORK, MANUAL ACTIVATION OF SPRINKLER OR ANSUL S SYSTEM FIRE DETECTION UNDER HOOD OR WATER FLOW IN THE SPRINKLER SYSTEM THE FIRE ALARM CONTRACTOR SHALL PROVIDE A RELAY IN EACH RTU TIED TO THE FIRE ALARM PANEL TO SHUT DOWN ALL RTU'S SIMULTANEOUSLY.

HOODS:  
 HOODS HAVE (1) SWITCH FOR FAN OPERATION AND (1) SWITCH FOR LIGHTS ON THE TOUCH PAD. MANAGER SHOULD TURN BOTH SWITCHES ON UPON ARRIVAL. ENERGIZING THE FAN SWITCH ENABLES THE CONTROL PANEL TO AUTOMATICALLY TURN ON EXHAUST FAN IF HOOD TEMPERATURE REACHES 85 DEGREES (MEASURED BY DUCT STAT IN HOOD RISER AND COMPARED TO BASE ROOM SENSOR). EXHAUST FAN WILL TURN OFF ONLY IF HOOD TEMPERATURE IS BELOW 85. WHEN FINISHED FOR THE DAY, THE MANAGER SHOULD TURN THE HOOD LIGHT SWITCH OFF AND THE FAN SWITCH TO AUTO (WILL ACTIVATE AUTOMATICALLY IF RISER TEMPERATURE REACHES 85 ). THERE IS NO FAN OVERRIDE SWITCH.



- NOTES:  
 1. M.C. SHALL WIRE SENSOR TO RTU TERMINAL BLOCK #1 IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.  
 2. DASHED LINE INDICATES WIRING PROVIDED/INSTALLED BY M.C. SOLID LINE WIRING IS PROVIDED BY E.C.  
 3. RTU MANUFACTURER RESERVES THE RIGHT TO CHANGE THE REQUIRED TERMINATION POINTS AND SETTINGS AS DESCRIBED ABOVE. CONTACT TRANE FOR LATEST REQUIREMENTS PRIOR TO STARTING ANY WORK.

**1**  
 NOT TO SCALE  
**RTU INTERLOCK WIRING DETAIL**

### 2020 FLMC VENTILATION CALCULATIONS

DINING

\* SECTION 403.3.1.1 - EQUATION 4-1  
 $V_{bz} = R_p P_z + R_a A_z$

Rp= 7.5 CFM/PERSON (TABLE 403.3)  
 Pz= 60 PEOPLE (SEATS)  
 Ra= 0.06 CFM/FT² (TABLE 403.3)  
 Az= 889 FT²

Vbz= 651 CFM MIN. OUTDOOR AIRFLOW AT THE BREATHING ZONE

\* SECTION 403.3.1.3 - EQUATION 4-2  
 $V_{bz} = V_{bz} + E_z E_z$

Vbz= 651 CFM MIN. OUTDOOR AIRFLOW AT THE BREATHING ZONE  
 Ez= 0.80 ZONE AIR DISTRIBUTION EFFECTIVENESS (TABLE 403.3.1.2)

Vbz= 814 CFM MIN. ZONE OUTDOOR AIRFLOW

SERVING

\* SECTION 403.3.1.1 - EQUATION 4-1  
 $V_{bz} = R_p P_z + R_a A_z$

Rp= 7.5 CFM/PERSON (TABLE 403.3)  
 Pz= 4 PEOPLE (15 OCCUPANTS PER 1000 SF)  
 Ra= 0.12 CFM/FT² (TABLE 403.3)  
 Az= 238 FT²

Vbz= 59 CFM MIN. OUTDOOR AIRFLOW AT THE BREATHING ZONE

\* SECTION 403.3.1.3 - EQUATION 4-2  
 $V_{bz} = V_{bz} + E_z E_z$

Vbz= 59 CFM MIN. OUTDOOR AIRFLOW AT THE BREATHING ZONE  
 Ez= 0.80 ZONE AIR DISTRIBUTION EFFECTIVENESS (TABLE 403.3.1.2)

Vbz= 73 CFM MIN. ZONE OUTDOOR AIRFLOW

VESTIBULE/WAITING

\* SECTION 403.3.1.1 - EQUATION 4-1  
 $V_{bz} = R_p P_z + R_a A_z$

Rp= 5 CFM/PERSON (TABLE 403.3)  
 Pz= 8 PEOPLE (30 OCCUPANTS PER 1000 SF)  
 Ra= 0.06 CFM/FT² (TABLE 403.3)  
 Az= 238 FT²

Vbz= 54 CFM MIN. OUTDOOR AIRFLOW AT THE BREATHING ZONE

\* SECTION 403.3.1.3 - EQUATION 4-2  
 $V_{bz} = V_{bz} + E_z E_z$

Vbz= 54 CFM MIN. OUTDOOR AIRFLOW AT THE BREATHING ZONE  
 Ez= 0.80 ZONE AIR DISTRIBUTION EFFECTIVENESS (TABLE 403.3.1.2)

Vbz= 68 CFM MIN. ZONE OUTDOOR AIRFLOW

CORRIDOR

\* SECTION 403.3.1.1 - EQUATION 4-1  
 $V_{bz} = R_p P_z + R_a A_z$

Rp= 0 CFM/PERSON (TABLE 403.3)  
 Pz= 0 PEOPLE (SEATS)  
 Ra= 0.06 CFM/FT² (TABLE 403.3)  
 Az= 372 FT²

Vbz= 22 CFM MIN. OUTDOOR AIRFLOW AT THE BREATHING ZONE

\* SECTION 403.3.1.3 - EQUATION 4-2  
 $V_{bz} = V_{bz} + E_z E_z$

Vbz= 22 CFM MIN. OUTDOOR AIRFLOW AT THE BREATHING ZONE  
 Ez= 0.80 ZONE AIR DISTRIBUTION EFFECTIVENESS (TABLE 403.3.1.2)

Vbz= 28 CFM MIN. ZONE OUTDOOR AIRFLOW

OFFICE

\* SECTION 403.3.1.1 - EQUATION 4-1  
 $V_{bz} = R_p P_z + R_a A_z$

Rp= 5 CFM/PERSON (TABLE 403.3)  
 Pz= 1 PEOPLE (ONE OCCUPANT PER 200 SF)  
 Ra= 0.06 CFM/FT² (TABLE 403.3)  
 Az= 86 FT²

Vbz= 10 CFM MIN. OUTDOOR AIRFLOW AT THE BREATHING ZONE

\* SECTION 403.3.1.3 - EQUATION 4-2  
 $V_{bz} = V_{bz} + E_z E_z$

Vbz= 10 CFM MIN. OUTDOOR AIRFLOW AT THE BREATHING ZONE  
 Ez= 0.80 ZONE AIR DISTRIBUTION EFFECTIVENESS (TABLE 403.3.1.2)

Vbz= 13 CFM MIN. ZONE OUTDOOR AIRFLOW

STORAGE

\* SECTION 403.3.1.1 - EQUATION 4-1  
 $V_{bz} = R_p P_z + R_a A_z$

Rp= 0 CFM/PERSON (TABLE 403.3)  
 Pz= 0 PEOPLE (SEATS)  
 Ra= 0.12 CFM/FT² (TABLE 403.3)  
 Az= 164 FT²

Vbz= 20 CFM MIN. OUTDOOR AIRFLOW AT THE BREATHING ZONE

\* SECTION 403.3.1.3 - EQUATION 4-2  
 $V_{bz} = V_{bz} + E_z E_z$

Vbz= 20 CFM MIN. OUTDOOR AIRFLOW AT THE BREATHING ZONE  
 Ez= 0.80 ZONE AIR DISTRIBUTION EFFECTIVENESS (TABLE 403.3.1.2)

Vbz= 25 CFM MIN. ZONE OUTDOOR AIRFLOW

### 2020 FLMC EXHAUST CALCULATIONS

KITCHEN

0.7 CFM/FT² (TABLE 403.3)  
 889 FT²  
 EXHAUST RATE= 595 CFM MIN. REQUIRED EXHAUST RATE

RESTROOMS

70 CFM/UNIT (TABLE 403.3)  
 2 UNITS  
 EXHAUST RATE= 140 CFM MIN. REQUIRED EXHAUST RATE

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 Plotted by: chudson  
 Plotted Date: Aug 12, 2022 9:48:51am

FOR QUESTIONS, CALL THE  
Tulsa Office  
REGION 80  
PHONE: (918) 258-0291  
EMAIL: reg80@captiveaire.com

PATENT NUMBERS  
AC-PSP (UNITED STATES) - US PATENT 7963830 B2.  
AC-PSP WALL (CANADA) - CA PATENT 2820509.  
AC-PSP ISLAND (CANADA) - CA PATENT 2520303.

**HOOD INFORMATION - JOB#5257667**

| HOOD NO | TAG | MODEL           | MANUFACTURER | LENGTH | MAX COOKING TEMP | TYPE | APPLIANCE DUTY | DESIGN CFM/FT | TOTAL EXH CFM | EXHAUST PLENUM RISER(S) |      |        |      |      | TOTAL SUPPLY CFM | HOOD CONSTRUCTION | HOOD CNFG            |       |            |
|---------|-----|-----------------|--------------|--------|------------------|------|----------------|---------------|---------------|-------------------------|------|--------|------|------|------------------|-------------------|----------------------|-------|------------|
|         |     |                 |              |        |                  |      |                |               |               | WIDTH                   | LENG | HEIGHT | DIA  | CFM  |                  |                   | VEL                  | SP    | END TO END |
| 1       | KH  | 5424 ND-2-PSP-F | CAPTIVEAIRE  | 10' 6" | 600 DEG          | I    | HEAVY          | 254           | 2667          | 12'                     | 24'  | 4'     | 2667 | 1334 | -0.992'          | 2134              | 430 SS WHERE EXPOSED | ALONE | ALONE      |

**HOOD INFORMATION**

| HOOD NO | TAG | TYPE                  | FILTER(S) |        |        | EFFICIENCY @ 7 MICRONS | QTY | LIGHT(S)       |      | WIRE GUARD | AVERAGE FOOT CANDLES @ 36" AFF | LOCATION    | SIZE    | UTILITY CABINET(S) |            |                  | FIRE SYSTEM PIPING | HOOD HANGING WEIGHT |
|---------|-----|-----------------------|-----------|--------|--------|------------------------|-----|----------------|------|------------|--------------------------------|-------------|---------|--------------------|------------|------------------|--------------------|---------------------|
|         |     |                       | QTY       | HEIGHT | LENGTH |                        |     | TYPE           | TYPE |            |                                |             |         | SIZE               | ELECTRICAL | SWITCHES         |                    |                     |
| 1       | KH  | CAPTRATE SOLID FILTER | 7         | 16"    | 16"    | 85% SEE FILTER SPEC    | 6   | RECESSED ROUND | NO   | 59         | LEFT                           | 12"x54"x24" | TANK FS | 4.0/4.0            | DCV-1111   | 1 LIGHT<br>1 FAN | YES                | 993 LBS             |

**HOOD OPTIONS**

| HOOD NO | TAG | OPTION  |
|---------|-----|---|
| 1       | KH  | FIELD WRAPPER 18.00" HIGH FRONT, LEFT, RIGHT.<br>BACKSPLASH 122.00" HIGH X 174.00" LONG 430 SS VERTICAL.<br>RIGHT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS.<br>LEFT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS.<br>RISER SENSOR INSTALL 6IN PLEN. |

**PERFORATED SUPPLY PLENUM(S)**

| HOOD NO | TAG | POS   | LENGTH | WIDTH | HEIGHT | TYPE | RISER(S) |      |     |        |    |
|---------|-----|-------|--------|-------|--------|------|----------|------|-----|--------|----|
|         |     |       |        |       |        |      | WIDTH    | LENG | DIA | CFM    | SP |
| 1       | KH  | Front | 138"   | 16"   | 6"     | MUA  | 12"      | 28"  | 711 | 0.191' |    |
|         |     |       |        |       |        | MUA  | 12"      | 28"  | 711 | 0.191' |    |
|         |     |       |        |       |        | MUA  | 12"      | 28"  | 711 | 0.191' |    |

**SPECIFICATION: CAPTRATE® GREASE-STOP® SOLID FILTER**

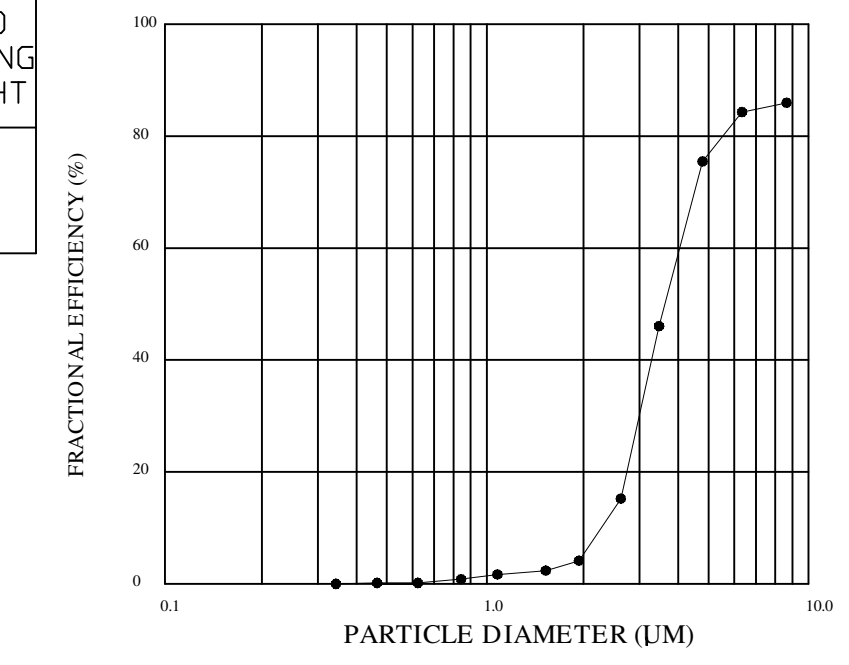
THE CAPTRATE GREASE-STOP SOLID FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-BAFFLE DESIGN IN CONJUNCTION WITH A SLOTTED REAR BAFFLE DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

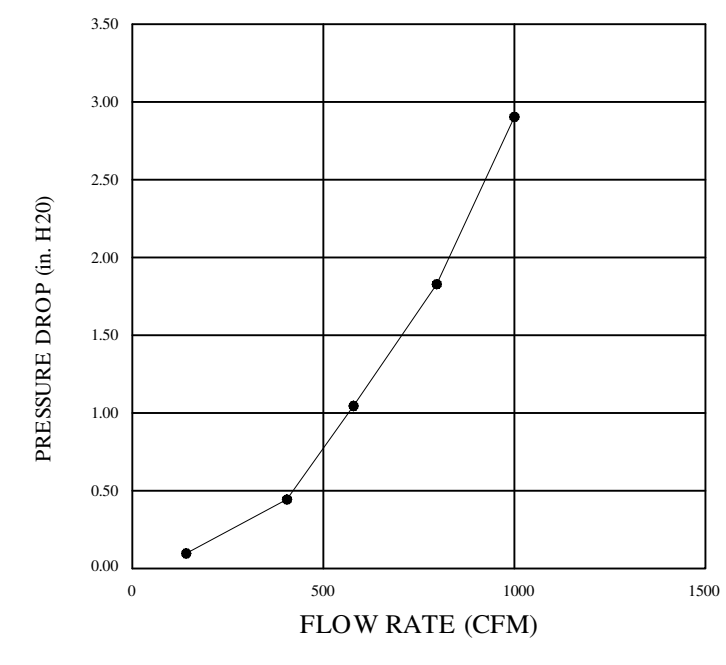
UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE. THE CAPTRATE GREASE-STOP SOLID WAS TESTED TO ASTM STANDARD ASTM F2519-05. MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER.

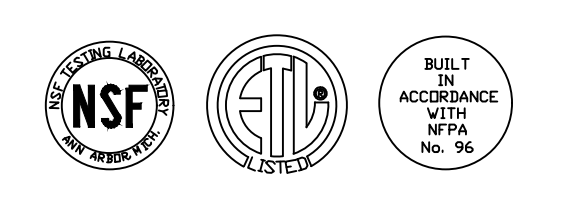
**EFFICIENCY VS. PARTICLE DIAMETER**



**PRESSURE DROP VS. FLOW RATE**



CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:  
NFPA #96.  
NSF STANDARD #2.  
UL STANDARD #1046.  
INT. MECH. CODE (IMC).  
ULC-S649.

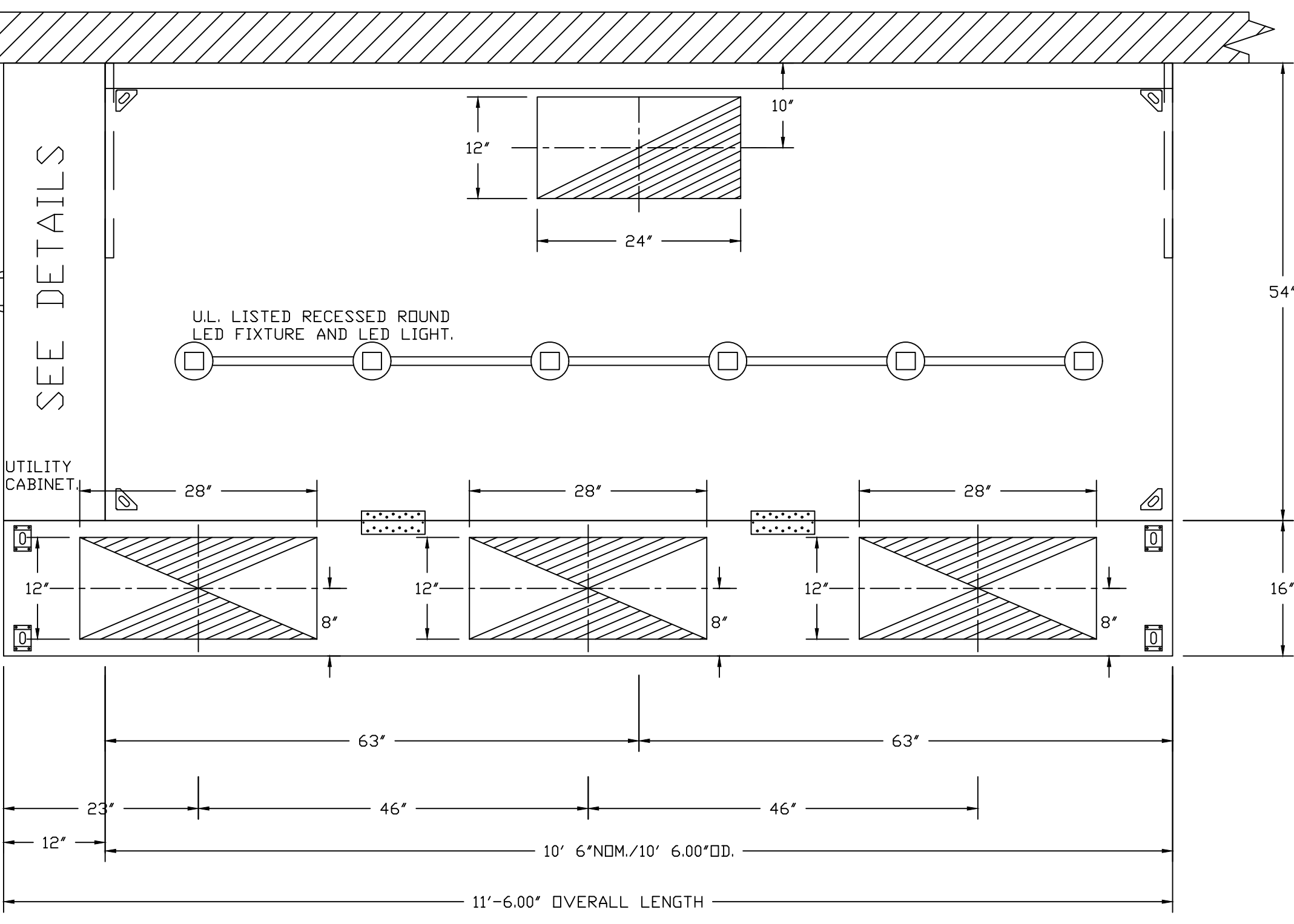


**REVISIONS**

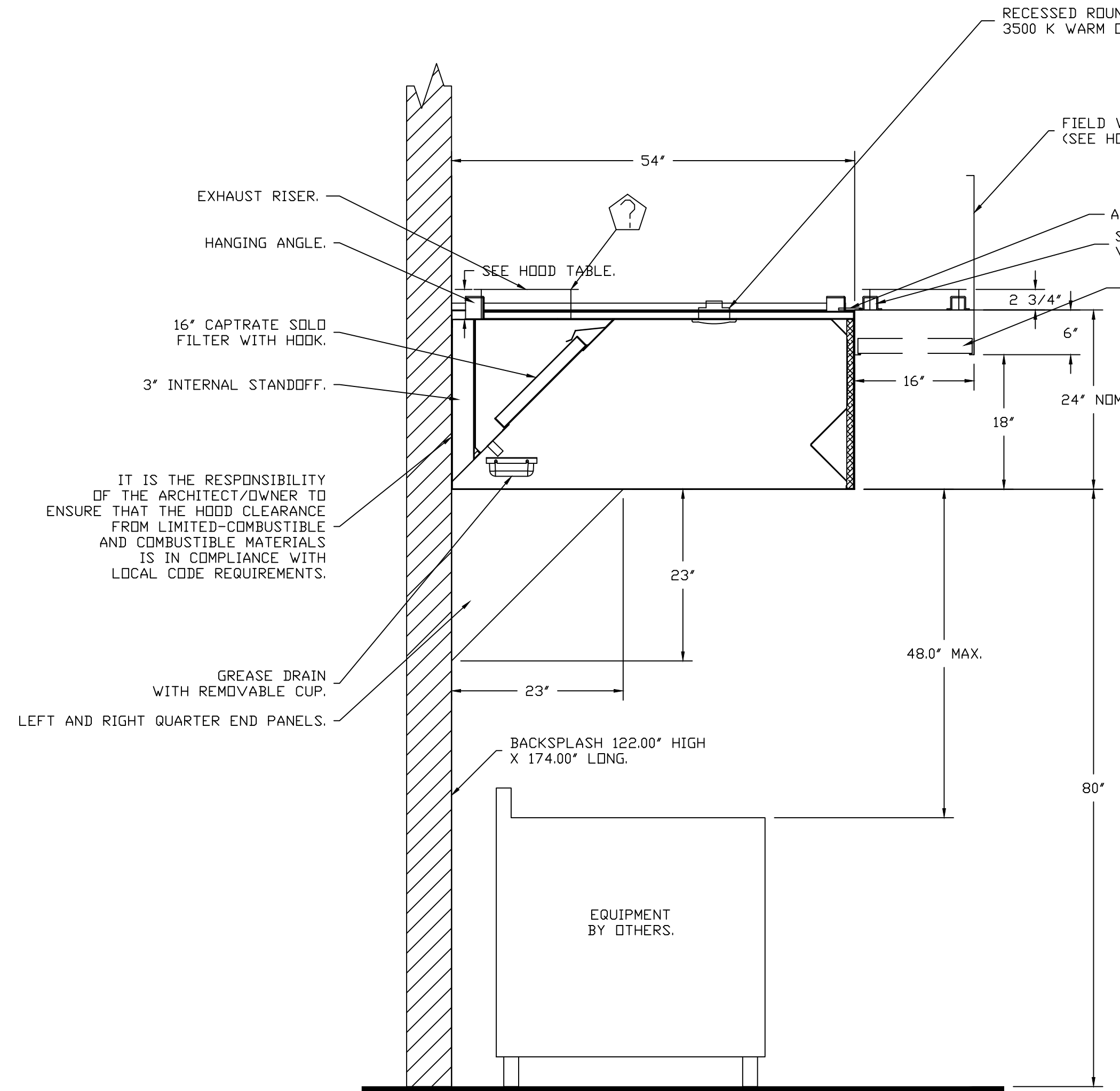
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**CAPTIVE**

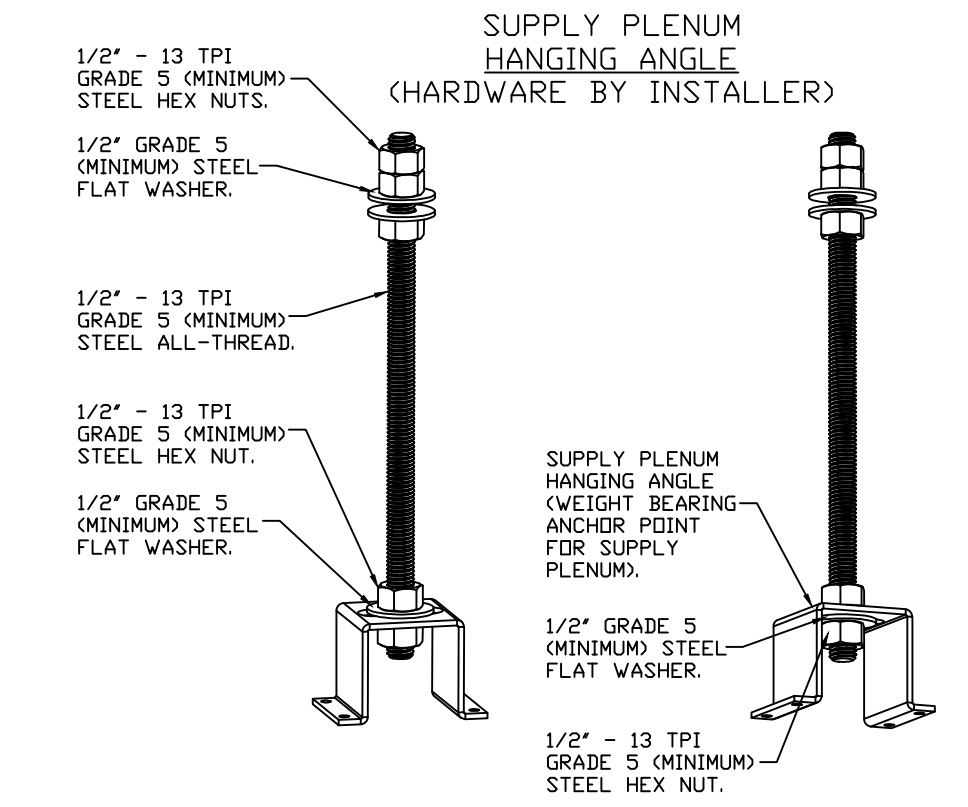
Tulsa Office  
12101 East 51st Street, Suite 101A, Tulsa, OK 74146  
PHONE: (918) 258-0291 FAX: (918) 227-5847  
EMAIL: reg80@captiveaire.com



PLAN VIEW - HOOD #1 (KH)  
10' 6.00" LONG 5424ND-2-PSP-F

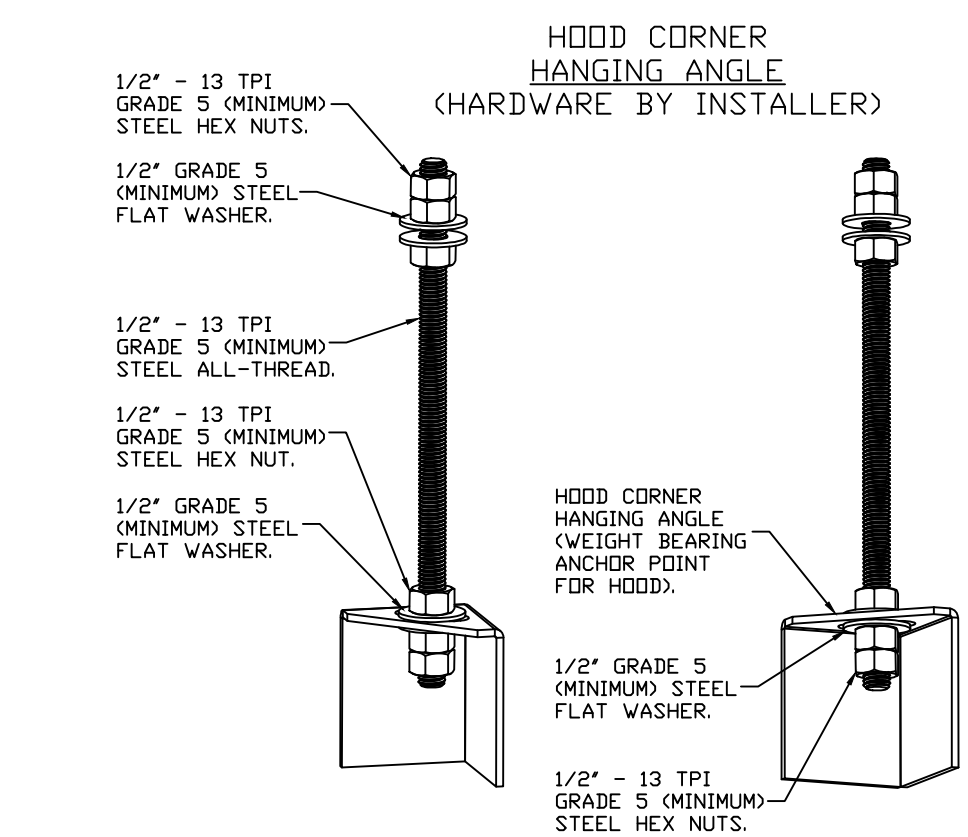


SECTION VIEW - MODEL 5424ND-2-PSP-F  
HOOD - #1 (KH)



**ASSEMBLY INSTRUCTIONS**

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR PSP HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



**ASSEMBLY INSTRUCTIONS**

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD. SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

Rio Crib Generation 6 Proto - Lake City, FL  
LAKE CITY, FL, 32025

DATE: 7/20/2022  
DWG.#: 5257667  
DRAWN BY: RJH-80  
SCALE: 3/4" = 1'-0"  
MASTER DRAWING  
SHEET NO. 1

**IRRD**  
national restaurant designers  
ARCHITECTS & ENGINEERS  
7208 ACC Blvd, 2nd Floor, Raleigh, NC 27617  
ph: 919 544 0087

FOR REFERENCE ONLY

RIB CRIB GEN 6 PROTOTYPE  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: HOOD DRAWINGS

Revisions  
THRU ADDENDUM "



PROJECT DATE: 08/12/2022  
Drawn By:  
Checked By:  
Sheet No. **M701**

THIS DRAWING IS PROVIDED FOR REFERENCE ONLY. HOOD CONTRACTOR SHALL SELECT AND CERTIFY ALL EXHAUST/M.U. AIR FANS. ALL SYSTEMS SHALL MEET ALL APPLICABLE REQUIREMENTS OF STATE AND LOCAL CODES AND OTHER REQUIREMENTS AS SHOWN IN DESIGN DRAWINGS.

**FIRE SYSTEM INFORMATION - JOB#5257667**

| FIRE SYSTEM NO | TAG | TYPE    | SIZE    | FLOW POINTS | INSTALLATION      |                  |
|----------------|-----|---------|---------|-------------|-------------------|------------------|
|                |     |         |         |             | SYSTEM            | LOCATION ON HOOD |
| 1              |     | TANK FS | 4.0/4.0 | 29          | FIRE CABINET LEFT | LEFT, HOOD 1     |

**GAS VALVE(S)**

| FIRE SYSTEM NO | TAG | TYPE          | SIZE  | SUPPLIED BY         |
|----------------|-----|---------------|-------|---------------------|
| 1              |     | SC ELECTRICAL | 2.000 | CAPTIVEAIRE SYSTEMS |

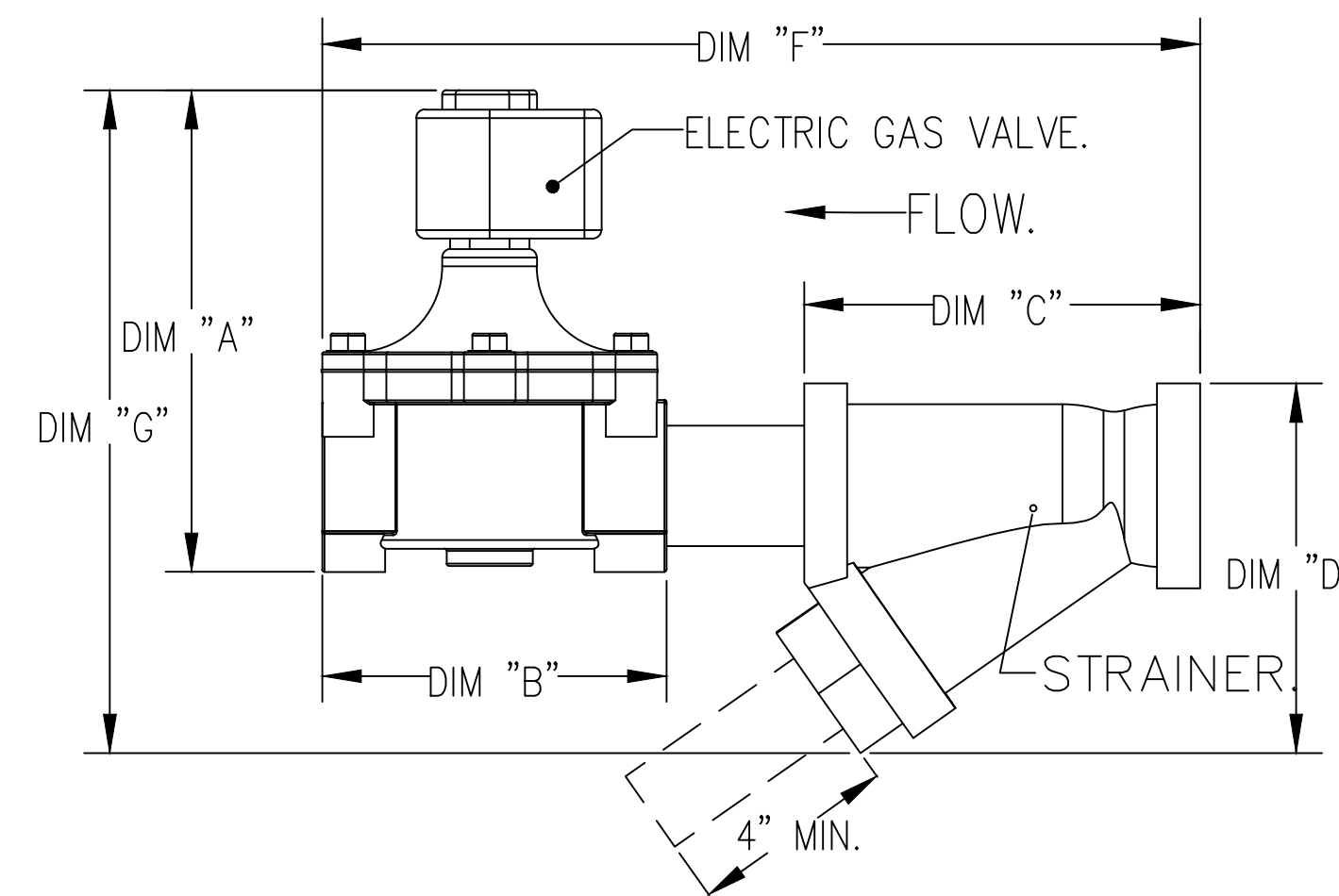
**FIRE SYSTEM PARTS LIST KEY**

| FIRE SYSTEM NO | TAG | KEY NUMBER - PART DESCRIPTION   | QTY BY FACTORY | QTY BY DIST |
|----------------|-----|---|----------------|-------------|
| 1              |     | 0 - 0 - 12-F28021-32144-DT-360 DUCT FIRE THERMOSTAT WITH 12 FOOT WIRE LEADS. NO. CLOSE ON TEMP RISE AT 360°F.   | 1              | 0           |
|                |     | 0 - 0 - 87-120042-001 SECONDARY ACTUATOR VALVE (SVA) - SINGLE ACTUATOR, REQUIRES PRIMARY RELEASE ACTUATOR, TANK FIRE SUPPRESSION.                         | 1              | 0           |
|                |     | 0 - 0 - 87-120045-001 HOSE, SECONDARY ACTUATOR HOSE, 7.5' BRAIDED STAINLESS STEEL, TANK FIRE SUPPRESSION.   | 1              | 0           |
|                |     | 0 - 0 - 87-300001-001 TANK - PRESSURIZED TANK USED FOR TANK FIRE SUPPRESSION.   | 2              | 0           |
|                |     | 0 - 0 - 87-300030-001 PRIMARY ACTUATOR KIT (PAK) - ACTUATOR AND RELEASE SOLENOID ASSEMBLY, ONE NEEDED PER FIRE SYSTEM, SUPERVISED, TANK FIRE SUPPRESSION. | 1              | 0           |
|                |     | 0 - 0 - 87-300152-001 HARDWARE, SVA BOLTS, TANK FIRE SUPPRESSION.   | 8              | 0           |
|                |     | 0 - 0 - 9055455PC PRO PRESS 1/2 PRESS X PRESS 90 ELBOW LD.  | 6              | 0           |
|                |     | 0 - 0 - 9097200PC PRO PRESS PC611 1/2 PRESS TEE LD.   | 6              | 0           |
|                |     | 0 - 0 - 98694A115 HARDWARE, DATANKLOCK LOCKING BRACKET SQUARE NUTS 5/16" ZINC, TANK FIRE SUPPRESSION.   | 4              | 0           |
|                |     | 0 - 0 - A0034332 JUNCTION BOX FOR MANUAL PULL STATION. 1.5" DEEP BACK BOX, RED COLOR.   | 1              | 0           |
|                |     | 0 - 0 - B1145 3/8" BLACK IRON 90 ELL.   | 3              | 0           |
|                |     | 0 - 0 - DATANKLOCK DISCHARGE ADAPTER TANK LOCKING PLATE FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.                     | 2              | 0           |
|                |     | 0 - 0 - TANK STRAP TANK STRAP - USED FOR TANK FIRE SUPPRESSION.   | 6              | 0           |
|                |     | 0 - 0 - TFS-UCTANKBRACKET TANK BRACKET FOR FIRE SYSTEM TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.                                      | 2              | 0           |
|                |     | 0 - 0 - WK-283952-000 DISCHARGE ADAPTER, TANK FIRE SUPPRESSION.   | 2              | 0           |
|                |     | 16 - 16 - 79210 1/2" X 3/8" NPT MALE ADAPTER, VIEGA.  | 7              | 0           |
|                |     | 16 - 16 - DL-F NOZZLE - TANK PROTECTION APPLIANCE COVERAGE NOZZLE (INCLUDES METAL BLDW OFF CAP, LANYARD, USED WITH CHROME-PLATED PIPE)- 4 FLOW POINTS.    | 7              | 0           |
|                |     | 26 - 26 - QSA-3/8 QUICK SEAL - 3/8" (UL).   | 7              | 0           |
|                |     | 34 - 34 - A0034331 24VDC SINGLE ACTION MANUAL ACTUATION DEVICE (PUSH/PULL STATION) WITH PROTECTIVE COVER, ONE (1) NORMALLY OPEN CONTACT, RED COLOR.       | 1              | 0           |

| GAS VALVE SIZING |      |         |                     |                     |                                    |                                |         |         |         | GAS VALVE DIMENSIONS |         |           |                      |                       | INSTALLATION         | PART NUMBERS           |  |  |
|------------------|------|---------|---------------------|---------------------|------------------------------------|--------------------------------|---------|---------|---------|----------------------|---------|-----------|----------------------|-----------------------|----------------------|------------------------|--|--|
| TYPE             | SIZE | VOLTAGE | MIN. INLET PRESSURE | MAX. INLET PRESSURE | FLOW AT 1 IN.W.C. DROP NATURAL GAS | FLOW AT 1 IN.W.C. DROP PROPANE | DIM "A" | DIM "B" | DIM "C" | DIM "D"              | DIM "F" | DIM "G"   | MOUNTING ORIENTATION | GAS VALVE PART NUMBER | STRAINER PART NUMBER | GAS VALVE/STRAINER KIT |  |  |
| ELECTRICAL       | 2"   | 120 VAC | 0 PSI (0 IN.W.C.)   | 5 PSI (138 IN.W.C.) | 2,940,500 BTU/HR                   | 1,908,048 BTU/HR               | 7-5/8"  | 6-3/8"  | 7-1/4"  | 7-13-16"             | 15-5/8" | 13-15/16" | HORIZONTAL/VERTICAL  | 8214280               | 4417K68              | (SC)EGVA2              |  |  |

**ALL GAS VALVES/STRAINERS**  
 PROPER CLEARANCE MUST BE PROVIDED IN ORDER TO SERVICE THE STRAINERS A MINIMUM OF 4" CLEARANCE DISTANCE MUST BE PROVIDED AT THE BASE OF THE STRAINER CUSTOMER MUST VERIFY BTU CONSUMPTION AS WELL AS PRESSURE RATING SPECIFIC GRAVITY OF NATURAL GAS = 0.64, SPECIFIC GRAVITY OF LP = 1.52.

**CALCULATIONS**  
 TO CALCULATE GAS FLOW FOR OTHER THAN 1 IN.W.C. PRESSURE DROP  
 NEW BTU/HR = (BTU/HR AT 1 IN.W.C. PRESSURE DROP) X NEW PRESSURE DROP<sup>0.5</sup>  
 TO CALCULATE GAS FLOW FOR OTHER THAN 0.64 SPECIFIC GRAVITY  
 NEW BTU/HR = (BTU/HR AT 0.64) X (0.64 / NEW SPECIFIC GRAVITY)<sup>0.5</sup>



**REVISIONS**

| DESCRIPTION | DATE |
|-------------|------|
|             |      |
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|             |      |

**CAPTIVE**

Tulsa Office  
 12101 East 51st Street, Suite 101A, Tulsa, OK 74146  
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[www.captivewire.com](http://www.captivewire.com)

Rib Crib Generation 6 Proto - Lake City, FL  
 LAKE CITY, FL, 32025

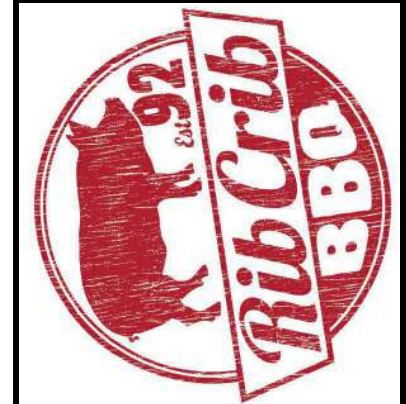
**DATE:** 7/20/2022  
**DWG.#:** 5257667  
**DRAWN BY:** RJK-80  
**SCALE:** 3/4" = 1'-0"  
**MASTER DRAWING**

**SHEET NO.**  
 2

**RIB CRIB GEN 6 PROTOTYPE**  
 Location: GATEWAY CROSSING, CENTURION WAY  
 LAKE CITY, FLORIDA 32055  
 Drawing: HOOD DRAWINGS

**Revisions**

| THRU | ADDENDUM | " | " |
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**PROJECT DATE**  
 08/12/2022

**Drawn By**

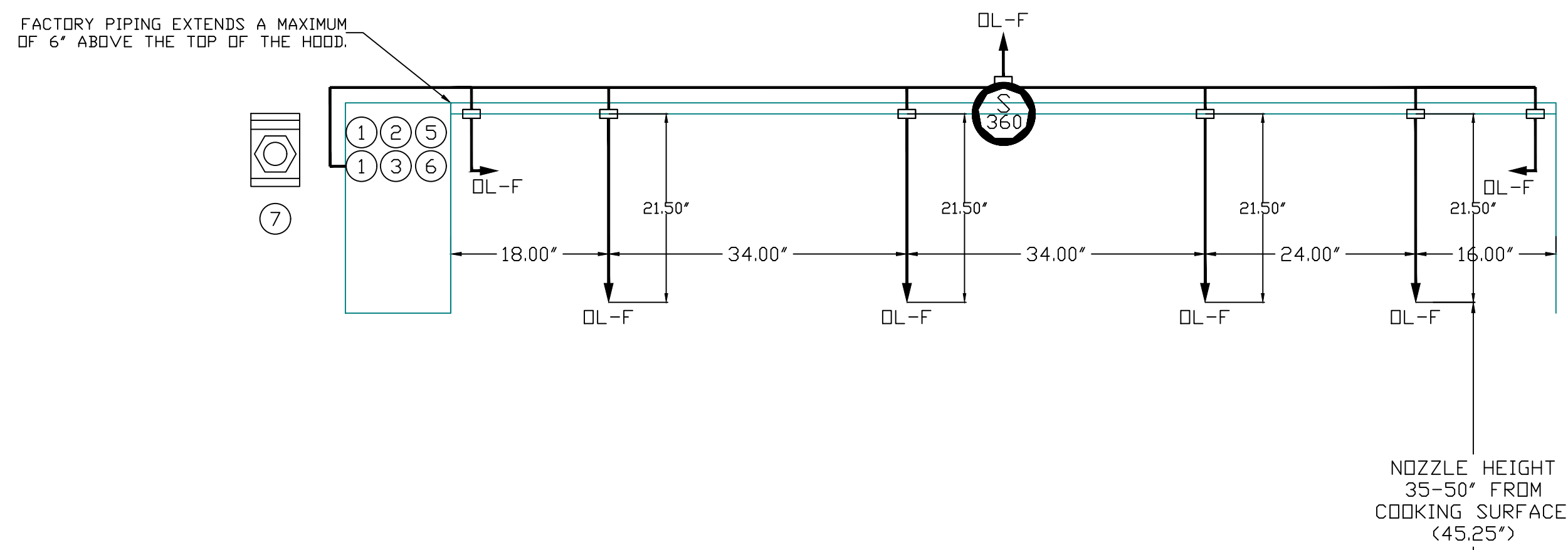
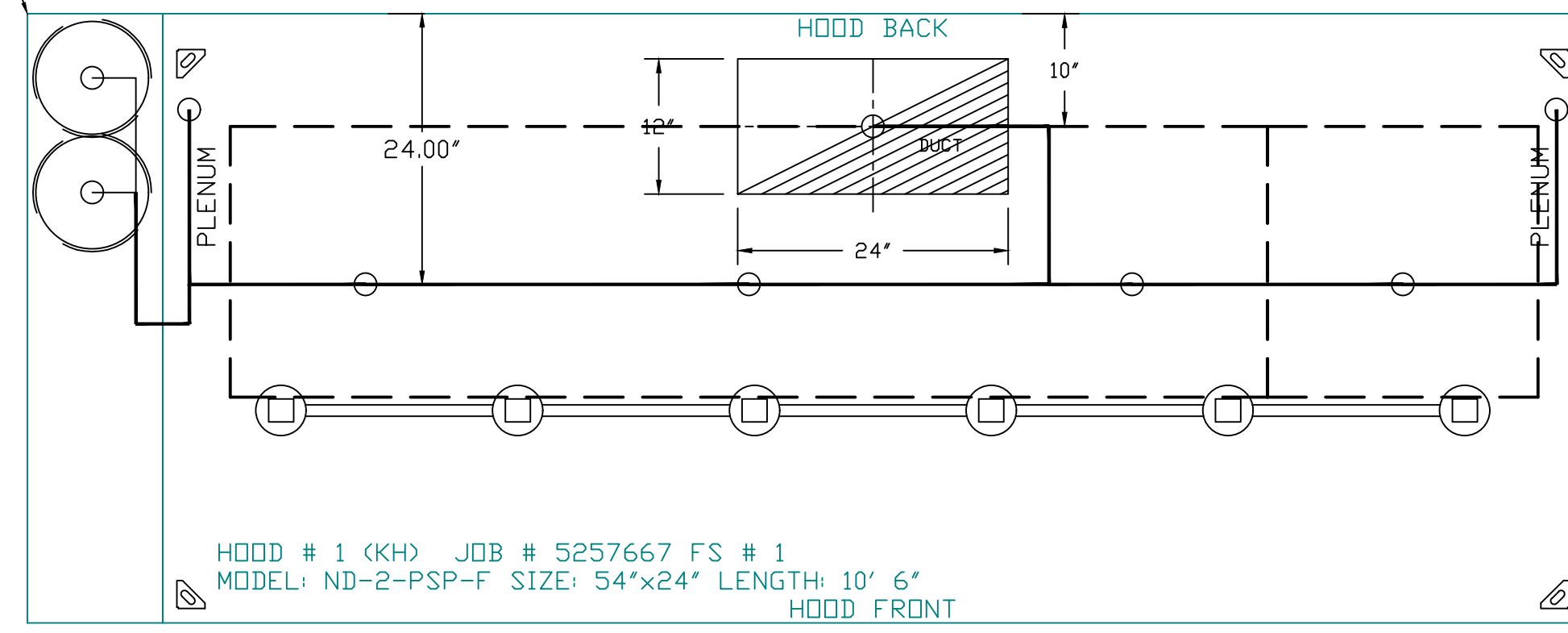
**Checked By**

**Sheet No.**  
**M702**

THIS DRAWING IS PROVIDED FOR REFERENCE ONLY. HOOD CONTRACTOR SHALL SELECT AND CERTIFY ALL EXHAUST/M.U. AIR FANS. ALL SYSTEMS SHALL MEET ALL APPLICABLE REQUIREMENTS OF STATE AND LOCAL CODES AND OTHER REQUIREMENTS AS SHOWN IN DESIGN DRAWINGS.

**FOR REFERENCE ONLY**

- SYSTEM REQUIRES A MINIMUM OF 7 FT OF EQUIVALENT PIPE LENGTH BETWEEN TANK AND NEAREST APPLIANCE NOZZLE FOR MOST APPLIANCES. EACH 90 DEGREE ELBOW ADDS 13 FT OF EQUIVALENT LENGTH. SEE MANUAL FOR DETAILS



TANK OVERLAPPING PROTECTION 36" HIGH PROXIMITY 92.00" L X 24.00" D

TANK OVERLAPPING PROTECTION 36" SHELF HIGH PROXIMITY 24.00" L X 24.00" D

NOTES

- FIELD PIPE DROPS AS SHOWN
- PIPING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS.
- FIELD INSTALLED DROP: FACTORY WILL PROVIDE QTY 2 60IN LONG PIECES OF CHROME PLATED PIPING SHIPPED LOOSE TO BE FIELD-INSTALLED.
- SHIP LOOSE DROP: FACTORY WILL PROVIDE THE EXACT CHROME PIPE LENGTH NEEDED SHIPPED LOOSE TO BE FIELD-INSTALLED.
- RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
- OVERLAPPING COVERAGE SHALL NOT BE USED ON ANY APPLIANCE WITH AN OBSTRUCTION.
- IF APPLICABLE, EXTENDED PRE-PIPED DROPS ARE SHIPPED LOOSE.
- FACTORY PIPING EXTENDS A MAXIMUM OF 6" ABOVE THE TOP OF THE HOOD.

- APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.
- THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS.

- DL-F NOZZLE PART NUMBER REPLACES 3070-3/8H-10-SS

JOB #: 5257667.  
JOB NAME: RIB CRIB GENERATION 6 PROTO - LAKE CITY, FL.

SYSTEM SIZE: TANK-SP-2 TOTAL FP REQUIRED: 29.  
HOOD # 1 10' 6.00' LONG x 54' WIDE x 24' HIGH.  
RISER # 1 SIZE: 12' x 24'.  
HOOD # 1 METAL BLOW-OFF CAPS INCLUDED.

- HEAVY-DUTY APPLIANCES (RATED 600°F) WILL REQUIRE AN ADDITIONAL DOWNSTREAM FIRESTAT IN THE EVENT THAT THE DUCTWORK CONTAINS ANY HORIZONTAL RUNS OVER 25 FT IN LENGTH.
- MEDIUM TO LIGHT-DUTY APPLIANCES (RATED 450°F) WILL NOT REQUIRE ANY ADDITIONAL DOWNSTREAM DETECTION.

LEGEND - FIRE CABINET TANK SYSTEM

- 4 GALLON TANK.
- PRIMARY ACTUATOR RELEASE.
- SECONDARY ACTUATOR RELEASE.
- PRESSURE SUPERVISION SWITCH.
- PRIMARY HOSE ASSEMBLY.
- SECONDARY HOSE ASSEMBLY.
- REMOTE MANUAL ACTUATION DEVICE.

NOTES

- FIELD PIPE DROPS AS SHOWN
- SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS.
- FIELD INSTALLED DROP: FACTORY WILL PROVIDE QTY 1 60IN LONG PIECE OF CHROME PLATED PIPING SHIPPED LOOSE TO BE FIELD-INSTALLED.
- SHIP LOOSE DROP: FACTORY WILL PROVIDE THE EXACT CHROME PIPE LENGTH NEEDED SHIPPED LOOSE TO BE FIELD-INSTALLED.
- RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
- MAXIMUM 9 ELBOWS IN SUPPLY LINE.
- MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE COVERING A RANGE FRYER, OR WOK TO REFLECT GENERAL PIPING REQUIREMENTS.
- IF APPLICABLE, PRE-PIPED CHARBROILER DROPS ARE SHIPPED LOOSE.
- FACTORY PIPING EXTENDS A MAXIMUM OF 6" ABOVE THE TOP OF THE HOOD.

JOB #: 5257667.  
JOB NAME: RIB CRIB GENERATION 6 PROTO - LAKE CITY, FL.

SYSTEM SIZE: TANK-SP-2 TOTAL FP REQUIRED: 29.  
HOOD # 1 10' 6.00' LONG x 54' WIDE x 24' HIGH.  
RISER # 1 SIZE: 12' x 24'.

REVISIONS

| DESCRIPTION | DATE |
|-------------|------|
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Tulsa Office  
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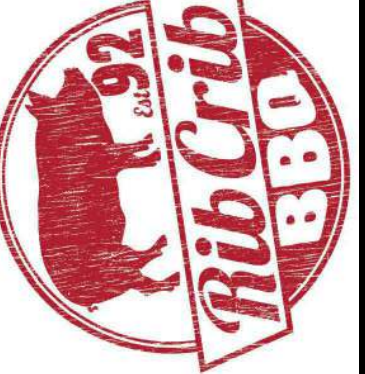
Rib Crib Generation 6 Proto - Lake City, FL  
LAKE CITY, FL, 32025

DATE: 7/20/2022  
DWG.#: 5257667  
DRAWN BY: RJH-80  
SCALE: 3/4" = 1'-0"  
MASTER DRAWING

SHEET NO. 3

THIS DRAWING IS PROVIDED FOR REFERENCE ONLY. HOOD CONTRACTOR SHALL SELECT AND CERTIFY ALL EXHAUST/M.U. AIR FANS. ALL SYSTEMS SHALL MEET ALL APPLICABLE REQUIREMENTS OF STATE AND LOCAL CODES AND OTHER REQUIREMENTS AS SHOWN IN DESIGN DRAWINGS.

RIB CRIB GEN 6 PROTOTYPE  
Location: GATEWAY CROSSING, CENTURION WAY LAKE CITY, FLORIDA 32055  
Drawing: HOOD DRAWINGS



Revisions

| THRU | ADDENDUM | NO. |
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|      |          |     |
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PROJECT DATE 08/12/2022

Drawn By

Checked By

Sheet No. M703

THIS DRAWING IS PROVIDED FOR REFERENCE ONLY. HOOD CONTRACTOR SHALL SELECT AND CERTIFY ALL EXHAUST/M.U. AIR FANS. ALL SYSTEMS SHALL MEET ALL APPLICABLE REQUIREMENTS OF STATE AND LOCAL CODES AND OTHER REQUIREMENTS AS SHOWN IN DESIGN DRAWINGS.

**EXHAUST FAN INFORMATION - JOB#5257667**

| FAN UNIT NO | TAG         | QTY | FAN UNIT MODEL # | MANUFACTURER | CFM  | ESP   | RPM  | MOTOR ENCL  | HP    | BHP    | PHASE | VOLT | FLA | DISCHARGE VELOCITY | WEIGHT (LBS) | SONES |
|-------------|-------------|-----|------------------|--------------|------|-------|------|-------------|-------|--------|-------|------|-----|--------------------|--------------|-------|
| 1           | KEF         | 1   | DUI80HFA         | CAPTIVEAIRE  | 2667 | 1.700 | 1320 | ODP,PREMIUM | 3.000 | 1.5670 | 3     | 208  | 9.5 | 616 FPM            | 183          | 18.5  |
| 3           | SMOKER-EF-1 | 1   | DU50HFA          | CAPTIVEAIRE  | 1100 | 0.750 | 1421 | TEAD-ECM    | 0.500 | 0.2890 | 1     | 115  | 6.3 | 418 FPM            | 77           | 14.3  |
| 4           | SMOKER-EF-2 | 1   | DU50HFA          | CAPTIVEAIRE  | 1100 | 0.750 | 1421 | TEAD-ECM    | 0.500 | 0.2890 | 1     | 115  | 6.3 | 418 FPM            | 77           | 14.3  |

**CONDENSER DETAILS**

| FAN UNIT NO | TAG | FAN UNIT MODEL # | CONDENSER NO | TONNAGE | VOLTAGE | PHASE   | FREQUENCY | MCA       | RLA       | MAX FUSE SIZE | MIN WIRE SIZE | SEER |
|-------------|-----|------------------|--------------|---------|---------|---------|-----------|-----------|-----------|---------------|---------------|------|
| 2           | MAU | A1-D.250-15D-MPU | 1            | 3       | 208-230 | 3 PHASE | 60 HZ     | 14.5 AMPS | 11.9 AMPS | 20 AMPS       | 14 AWG        | 14   |

**MUA FAN INFORMATION - JOB#5257667**

| FAN UNIT NO | TAG | QTY | FAN UNIT MODEL # | BLOWER     | HOUSING  | MIN CFM | DESIGN CFM | ESP   | RPM  | MOTOR ENCL  | HP    | BHP    | PHASE | VOLT | FLA | MCA   | MDCP | WEIGHT (LBS) | SONES |
|-------------|-----|-----|------------------|------------|----------|---------|------------|-------|------|-------------|-------|--------|-------|------|-----|-------|------|--------------|-------|
| 2           | MAU | 1   | A1-D.250-15D-MPU | 15MF-1-MOD | A1-D.250 | 1100    | 2134       | 0.250 | 2261 | ODP,PREMIUM | 3.000 | 1.7560 | 3     | 208  | 8.6 | 24.7A | 35A  | 1075         | 24    |

**COILS - JOB#5257667**

| FAN UNIT NO | TAG | COIL TYPE | DESIGN CFM | COOLING          |                  |                 |                 |                     |                    |                 |                |                |                   | HEATING         |                  |                 |                     |                    |                 |                |                |                |                   |     |     |     |     |
|-------------|-----|-----------|------------|------------------|------------------|-----------------|-----------------|---------------------|--------------------|-----------------|----------------|----------------|-------------------|-----------------|------------------|-----------------|---------------------|--------------------|-----------------|----------------|----------------|----------------|-------------------|-----|-----|-----|-----|
|             |     |           |            | ENTERING DB TEMP | ENTERING WB TEMP | LEAVING DB TEMP | LEAVING WB TEMP | ENTERING FLUID TEMP | LEAVING FLUID TEMP | FLUID FLOW RATE | PERCENT GLYCOL | TOTAL CAPACITY | SENSIBLE CAPACITY | LATENT CAPACITY | ENTERING DB TEMP | LEAVING DB TEMP | ENTERING FLUID TEMP | LEAVING FLUID TEMP | FLUID FLOW RATE | PERCENT GLYCOL | STEAM PRESSURE | TOTAL CAPACITY | SENSIBLE CAPACITY |     |     |     |     |
| 2           | MAU | DX        | 2134       | 92.0°F           | 75.0°F           | 81.4°F          | 70.5°F          | ---                 | ---                | ---             | ---            | 36.0 MBH       | 23.3 MBH          | 12.7 MBH        | ---              | ---             | ---                 | ---                | ---             | ---            | ---            | ---            | ---               | --- | --- | --- | --- |

**GAS FIRED MAKE-UP AIR UNIT(S)**

| FAN UNIT NO | TAG | INPUT BTUS | OUTPUT BTUS | TEMP RISE | REQUIRED INPUT GAS PRESSURE | GAS TYPE | BURNER EFFICIENCY(%) |
|-------------|-----|------------|-------------|-----------|-----------------------------|----------|----------------------|
| 2           | MAU | 153378     | 141108      | 65°F      | 7 IN. W.C. - 14 IN. W.C.    | NATURAL  | 92                   |

**FAN OPTIONS**

| FAN UNIT NO | TAG         | QTY | DESCRIPTION   |
|-------------|-------------|-----|---|
| 2           | MAU         | 1   | GREASE BOX  |
|             |             | 1   | 2 YEAR PARTS WARRANTY   |
|             |             | 1   | INLET PRESSURE GAUGE, 0-35"   |
|             |             | 1   | MANIFOLD PRESSURE GAUGE, -5 TO 15" WC   |
|             |             | 1   | MOTORIZED BACKDRAFT DAMPER FOR A1-D HOUSING - MEETS AMCA CLASS 1A RATING  |
|             |             | 1   | 3 TON SINGLE CIRCUIT MODULAR PACKAGED COOLING OPTION FOR SIZE 1 DF/EH MUA (1100 TO 1800 CFM), 208V/230V, 3 PHASE. COOLING THERMOSTAT OR PROGRAMMABLE STAT REQUIRED FOR PROPER OPERATION |
|             |             | 1   | DOWNTURN PLENUM FOR SIZE 1 DX COIL MODULE   |
|             |             | 1   | SIZE 1 COOLING COIL MOISTURE ELIMINATOR OPTION - ALLOWS COOLING COIL FACE VELOCITY TO INCREASE TO 650 FPM - INCREASES COOLING COIL MAX CFM TO 3650 CFM                                  |
|             |             | 1   | SINGLE POINT MPU CONNECTION - 1 CONDENSER   |
|             |             | 1   | UNIT MOUNTED VFD FOR USE WITH ECPM03  |
| 3           | SMOKER-EF-1 | 1   | LOW FIRE START  |
|             |             | 1   | SEPARATE 120V WIRING PACKAGE (REQUIRED AND USED ONLY FOR DCV OR PREWIRE WITH VFD) - THREE PHASE ONLY  |
|             |             | 1   | COOLING THERMOSTAT AND RELAY (NOT REQUIRED FOR EVAP)  |
|             |             | 1   | 2 YEAR PARTS WARRANTY   |
| 4           | SMOKER-EF-2 | 1   | GREASE BOX  |
|             |             | 1   | ECM WIRING PACKAGE - MANUAL OR 0-10VDC REFERENCE SPEED CONTROL -RTC- (TELCO MOTOR), CCW ROTATION  |
|             |             | 1   | 2 YEAR PARTS WARRANTY   |
|             |             | 1   | 2 YEAR PARTS WARRANTY   |

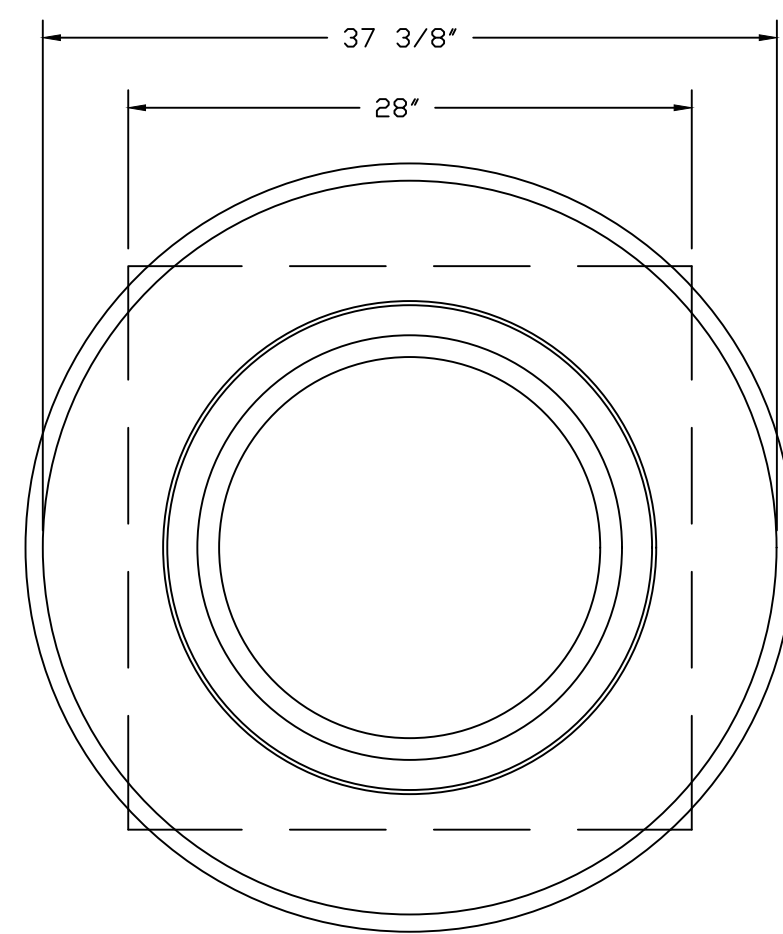
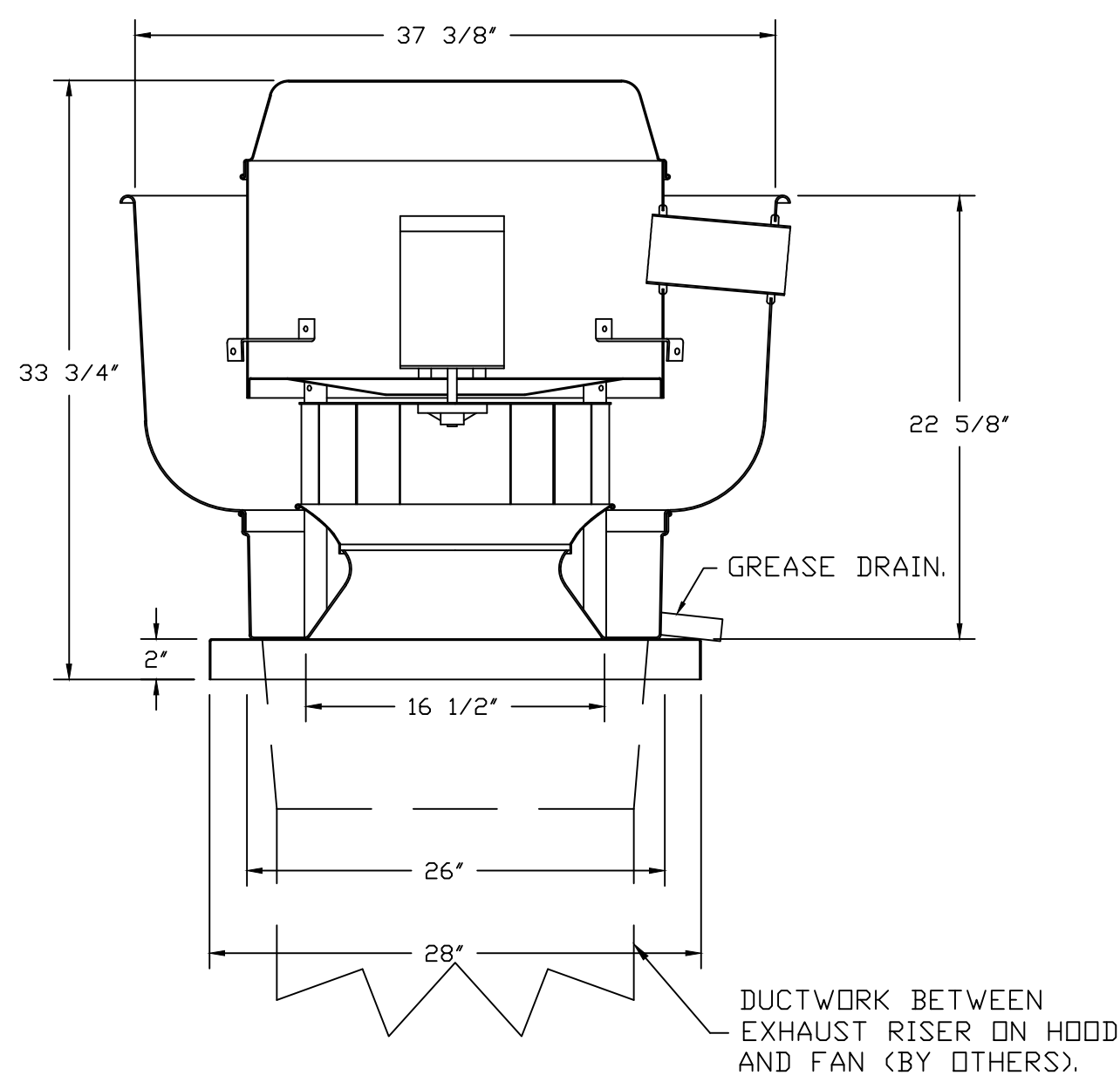
**FAN ACCESSORIES**

| FAN UNIT NO | TAG         | EXHAUST    |                |            | SUPPLY         |                |                  |            |
|-------------|-------------|------------|----------------|------------|----------------|----------------|------------------|------------|
|             |             | GREASE CUP | GRAVITY DAMPER | WALL MOUNT | SIDE DISCHARGE | GRAVITY DAMPER | MOTORIZED DAMPER | WALL MOUNT |
| 1           | KEF         | YES        |                |            |                |                |                  |            |
| 2           | MAU         |            |                |            |                |                | YES              |            |
| 3           | SMOKER-EF-1 | YES        |                |            |                |                |                  |            |
| 4           | SMOKER-EF-2 | YES        |                |            |                |                |                  |            |

**CURB ASSEMBLIES**

| NO | DN FAN | TAG         | WEIGHT  | ITEM | SIZE   |
|----|--------|-------------|---------|------|--|
| 1  | # 1    | KEF         | 34 LBS  | CURB | 26.500"W X 26.500"L X 26.000"H 0.250:12.000 PITCH ALONG LENGTH, RIGHT HINGED.        |
| 2  | # 2    | MAU         | 107 LBS | CURB | 21.000"W X 131.000"L X 20.000"H 0.250:12.000 PITCH ALONG WIDTH, RIGHT INSULATED.     |
| 3  | # 3    | SMOKER-EF-1 | 38 LBS  | CURB | 19.500"W X 19.500"L X 26.000"H 0.250:12.000 PITCH ALONG LENGTH, RIGHT VENTED HINGED. |
| 4  | # 4    | SMOKER-EF-2 | 38 LBS  | CURB | 19.500"W X 19.500"L X 26.000"H 0.250:12.000 PITCH ALONG LENGTH, RIGHT VENTED HINGED. |

FAN #1 DUI80HFA - EXHAUST FAN (KEF)



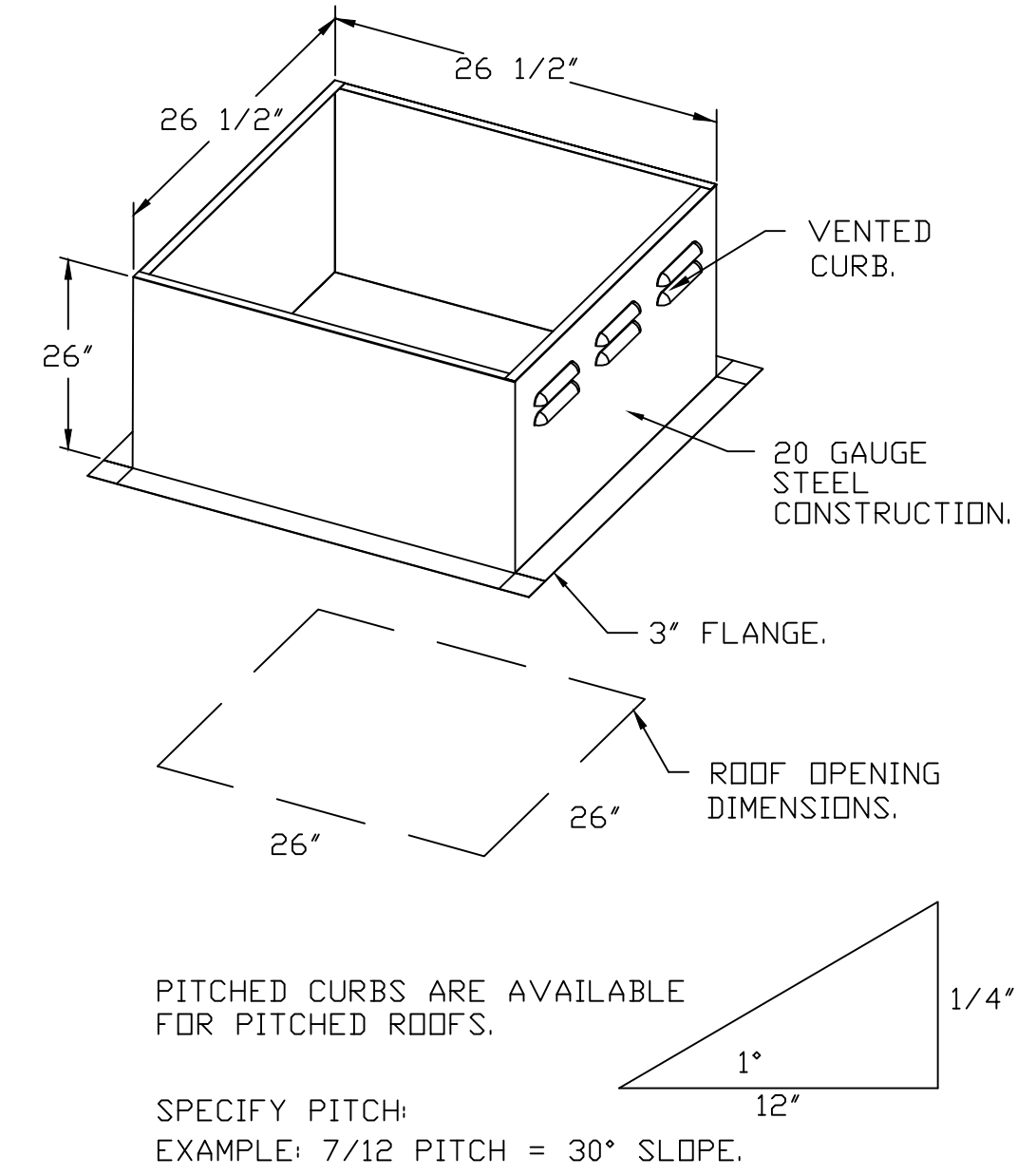
TOP VIEW

**FEATURES:**

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
  - ROOF MOUNTED FANS.
  - RESTAURANT MODEL.
  - UL705 AND UL762 AND UL-C-S645
  - VARIABLE SPEED CONTROL.
  - INTERNAL WIRING.
  - THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
  - HIGH HEAT OPERATION 300°F (149°C).
  - GREASE CLASSIFICATION TESTING.
  - NEMA 3R SAFETY DISCONNECT SWITCH.
- NORMAL TEMPERATURE TEST**  
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.
- ABNORMAL FLARE-UP TEST**  
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

**OPTIONS**

- GREASE BOX.
- 2 YEAR PARTS WARRANTY.



**REVISIONS**

| NO. | DESCRIPTION | DATE |
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**CAPTIVE**  
Tulsa Office  
12101 East 51st Street, Suite 101A, Tulsa, OK, 74146 PHONE: (918) 258-0291 FAX: (918) 227-5947 EMAIL: reg@captiveware.com

Rib Curb Generation 6 Proto - Lake City, FL  
LAKE CITY, FL, 32025

DATE: 7/20/2022  
DWG.#: 5257667  
DRAWN BY: RJH-80  
SCALE: 3/4" = 1'-0"  
MASTER DRAWING  
SHEET NO. 4

THIS DRAWING IS PROVIDED FOR REFERENCE ONLY. HOOD CONTRACTOR SHALL SELECT AND CERTIFY ALL EXHAUST/M.U. AIR FANS. ALL SYSTEMS SHALL MEET ALL APPLICABLE REQUIREMENTS OF STATE AND LOCAL CODES AND OTHER REQUIREMENTS AS SHOWN IN DESIGN DRAWINGS.

**IRRD** national restaurant designers ARCHITECTS & ENGINEERS  
7208 ACC Blvd, 2nd Floor, Raleigh, NC 27617  
ph: 919 544 0087 fax: 919 544 9399  
A Division of LMHT, Associates

FOR REFERENCE ONLY

**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY LAKE CITY, FLORIDA 32055  
Drawing: HOOD DRAWINGS

**RibCrib**  
BBDO

Revisions

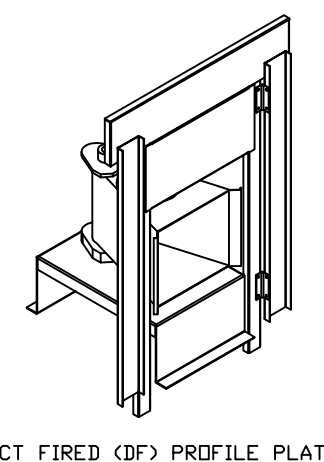
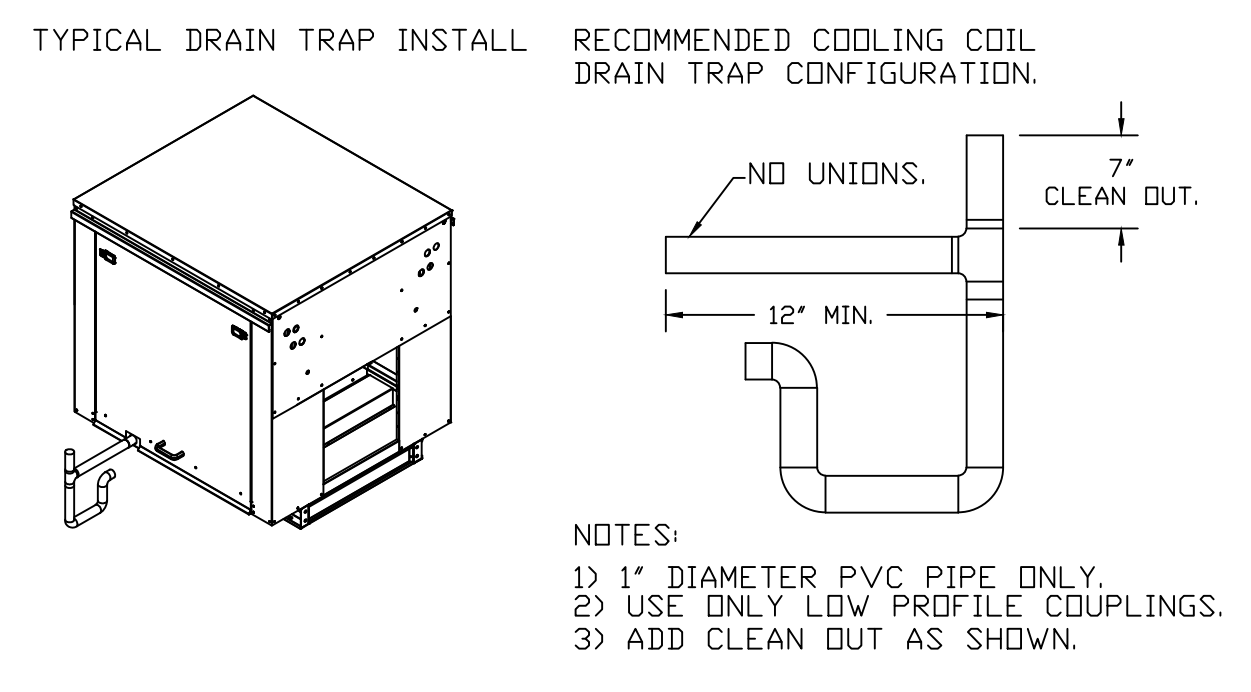
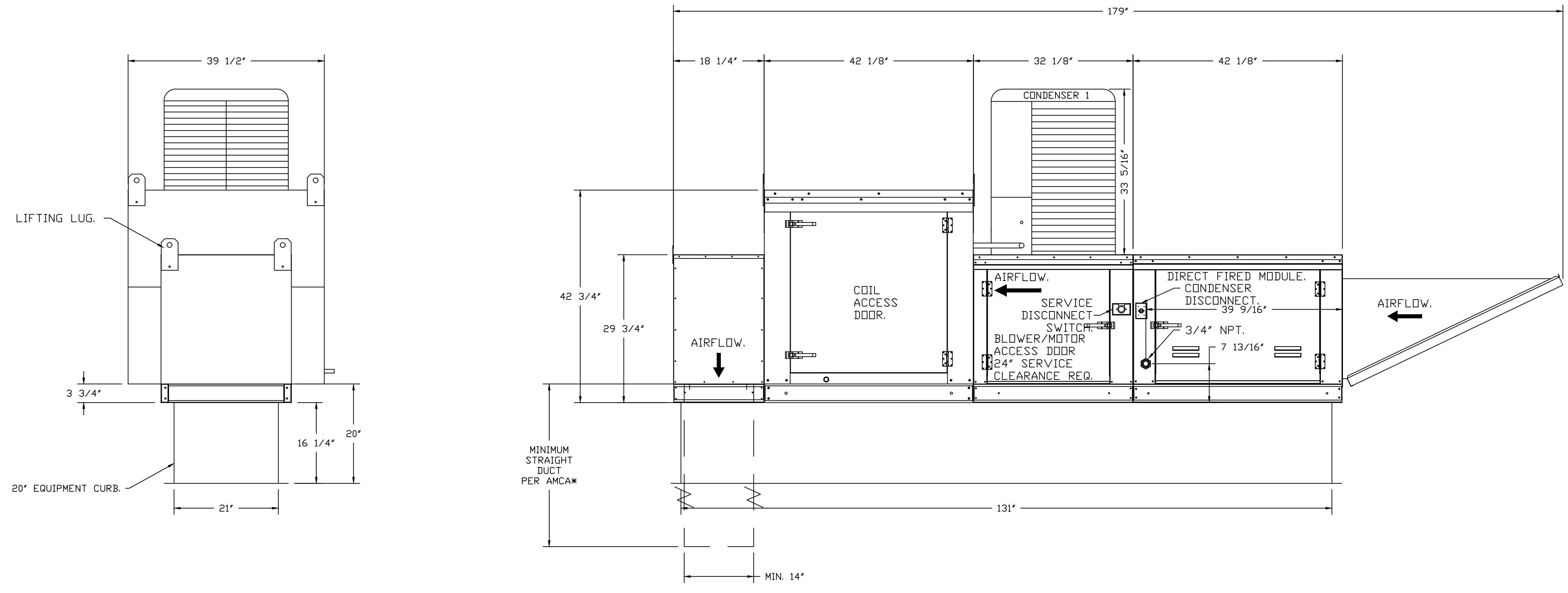
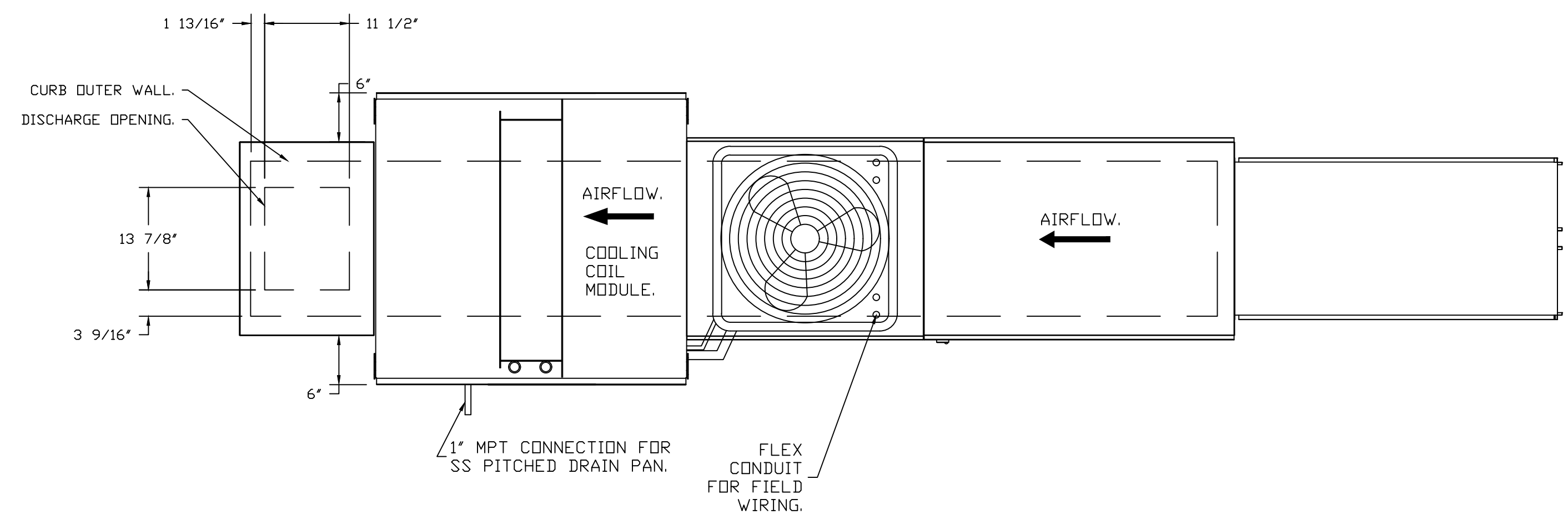
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PROJECT DATE: 08/12/2022  
Drawn By: \_\_\_\_\_  
Checked By: \_\_\_\_\_  
Sheet No. **M704**

- FAN #2 A1-D250-15D-MPU - HEATER (MAU)
1. DIRECT GAS FIRED HEATED MAKE UP AIR UNIT WITH 15" MIXED FLOW DIRECT DRIVE FAN.
  2. INTAKE HOOD WITH EZ FILTERS.
  3. DOWN DISCHARGE - AIR FLOW RIGHT -> LEFT.
  4. GAS PRESSURE GAUGE, 0-35", 2.5" DIAMETER, 1/4" THREAD SIZE.
  5. GAS PRESSURE GAUGE, -5 TO +15 INCHES W.C., 2.5" DIAMETER, 1/4" THREAD SIZE.
  6. MOTORIZED BACK DRAFT DAMPER 16" X 18" FOR SIZE 1 STANDARD & MODULAR HEATER UNITS W/EXTENDED SHAFT, STANDARD GALVANIZED CONSTRUCTION, 3/4" REAR FLANGE, LOW LEAKAGE, TP220S ACTUATOR INCLUDED.
  7. 3 TON SINGLE CIRCUIT MODULAR PACKAGED COOLING OPTION FOR SIZE 1 D/2H MODULAR PACKAGED UNIT, INCLUDES CONDENSER, DX COIL, FILTER/DRYER KIT, THERMAL EXPANSION VALVE, R410A REFRIGERANT, AND REFRIGERANT PIPING (1100 TO 1800 CFM) WHEN ORDERED WITH OPPOSITE AIRFLOW CONDENSERS ACCESS AND COIL PIPING WILL REMAIN IN STANDARD POSITION. DRAIN AND SLEDS WILL MOVE TO THE OPPOSITE SIDE. ANY OTHER CHANGE WILL REQUIRE CUI CONDENSERS REQUIRE SEPARATE 208V, 3 PHASE POWER SUPPLY UNLESS ORDERED WITH SINGLE POINT CONNECTION. COIL = 2E2100IN.
  8. DOWNTURN PLENUM FOR SIZE 1 COOLING COIL MODULE - REQUIRED FOR DOWN DISCHARGE COOLING COIL APPLICATIONS.
  9. SIZE 1 MOISTURE ELIMINATOR OPTION FOR DX COILS, MPUS AND CHILLED WATER COILS - ALLOWS COOLING COIL FACE VELOCITY TO INCREASE TO 650 FPM. INCREASES COOLING COIL MAX CFM TO 3650 CFM.
  10. SINGLE POINT MPU CONNECTION, 1 CONDENSER.
  11. UNIT MOUNTED VFD FOR USE WITH ECPM03.
  12. LOW FIRE START - ALLOWS THE BURNER CIRCUIT TO ENERGIZE WHEN THE MODULATION CONTROL IS IN A LOW FIRE POSITION.
  13. SEPARATE 120VAC WIRING PACKAGE FOR MAKE-UP AIR UNITS. OPTION MUST BE SELECTED WHEN MOUNTING VFD IN PREVIRE PANEL OR WITH DCV PACKAGE. PROVIDES SEPARATE 120VAC INPUT TO SUPPLY FAN. THIS 120V SIGNAL MUST BE RUN BY ELECTRICIAN FROM DCV TO MUA SWITCH.
  14. BY CEILING INTAKE AIR THERMOSTAT AND RELAYS MOUNTED IN UNIT - SET POINT FOR THERMOSTAT SHOULD BE 85°F.
  15. HINGED DOUBLE WALL INSULATED DDDR ASSEMBLY (BURNER/BLOWER/MPU SECTION).
  16. 2 YEAR PARTS WARRANTY.

\*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRASTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT. SUGGESTED STRAIGHT DUCT SIZE IS 14" X 14".

SUPPLY SIDE HEATER INFORMATION:  
 WINTER TEMPERATURE = 22°F. TEMP. RISE = 65°F.  
 BTUs CALCULATED OFF ACTUAL AIR DENSITY.  
 OUTPUT BTUs AT ALTITUDE OF 0.0 FT. = 144937.  
 INPUT BTUs AT ALTITUDE OF 0.0 FT. = 157540.  
 OUTPUT BTUs AT ALTITUDE OF 739 FT. = 141108.  
 INPUT BTUs AT ALTITUDE OF 739 FT. = 153378.



**DIRECT FIRED (DF) PROFILE PLATE ASSEMBLY**

**DIRECT FIRED PROFILE PLATE SPECIFICATIONS:**

**DESCRIPTION:**  
 DIRECT FIRED BURNERS SHALL HAVE PATENTED GUS PATENT NO. US649923B2, SELF-ADJUSTING PROFILE PLATES DESIGNED TO ENSURE PROPER AIR VELOCITY AND PRESSURE DROP ACROSS THE BURNER. PROFILE PLATES SHALL ALLOW BURNERS TO ACHIEVE CLEAN COMBUSTION BY LIMITING BY-PRODUCT LEVELS TO A MAXIMUM OF 50PPM OF CARBON MONOXIDE (CO) AND 50PPM OF NITROGEN DIOXIDE (NO2). DIRECT FIRED UNITS SHALL BE CONFIGURED WITH THE BLOWER MOUNTED DOWNSTREAM OF THE BURNER. THIS ARRANGEMENT WILL ENSURE A CONSISTENT AIRFLOW, REGARDLESS OF INLET AIR TEMPERATURE.

**APPLICATION:**  
 SPRING-LOADED BURNER PROFILE PLATES ARE ENGINEERED TO AUTOMATICALLY REACT TO THE MOMENTUM OF A FRESH AIR STREAM, WITHOUT THE NEED FOR ANY METERS OR ACTUATORS TO MECHANICALLY ADJUST THEM. WITH THIS FEATURE, ALL OF UNITS ARE DESIGNED FOR DEMAND CONTROL VENTILATION (DCV) REQUIREMENTS.

**CERTIFICATIONS:**  
 ALL PROFILE PLATE ASSEMBLIES SHALL BE INCLUDED IN THE DF UNIT'S ETL LISTING AND COMPLY WITH COMBINED SAFETY STANDARDS ANSI Z83.4 AND CSA 3.7 (DIN-REGULATING OF HEATERS) AND ANSI Z83.18 (RECIRCULATING OF HEATERS).

**GENERAL CONSTRUCTION:**  
 -PROFILE PLATES SHALL BE FORMED FROM 600 GALVANIZED STEEL.  
 -PROFILE PLATES SHALL VARY IN SIZE PER UNIT.  
 -PROFILE PLATES SHALL BE MOUNTED ALONG THE SAME PLANE AS THE DISCHARGE OF THE BURNER.  
 -DESIGN SHALL INCORPORATE PROPERLY TORQUED, PERMANENTLY MOUNTED SPRING HINGES.  
 -SPRING HINGES SHALL BE MADE FROM PLATED STEEL.

| REVISIONS   |      |
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 12101 East 51st Street, Suite 101A, Tulsa, OK, 74146 PHONE: (918) 258-0291 FAX: (918) 227-5947 EMAIL: reg@captivaire.com

Rib Crib Generation 6 Proto - Lake City, FL  
 LAKE CITY, FL, 32025

**DATE:** 7/20/2022  
**DWG.#:** 5257667  
**DRAWN BY:** RJH-80  
**SCALE:** SEE DIMS  
**MASTER DRAWING**

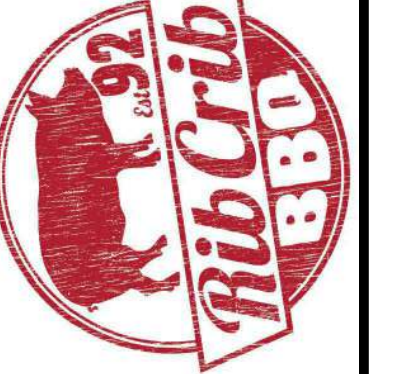
**SHEET NO.**  
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**INRD** national restaurant designers  
 ARCHITECTS & ENGINEERS  
 7208 ACC Blvd, 2nd Floor, Raleigh, NC 27617  
 ph: 919 544 0087 fax: 919 544 9399  
 A Division of LMHT Associates

**FOR REFERENCE ONLY**

THIS DRAWING IS A PROTOTYPE AND IS NOT TO BE USED FOR CONSTRUCTION. THE DESIGNER'S RESPONSIBILITY IS LIMITED TO THE INFORMATION PROVIDED IN THIS DRAWING. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND REGULATIONS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND REGULATIONS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND REGULATIONS.

**RIB CRIB GEN 6 PROTOTYPE**  
 Location: GATEWAY CROSSING, CENTURION WAY  
 LAKE CITY, FLORIDA 32055  
 Drawing: HOOD DRAWINGS



Revisions

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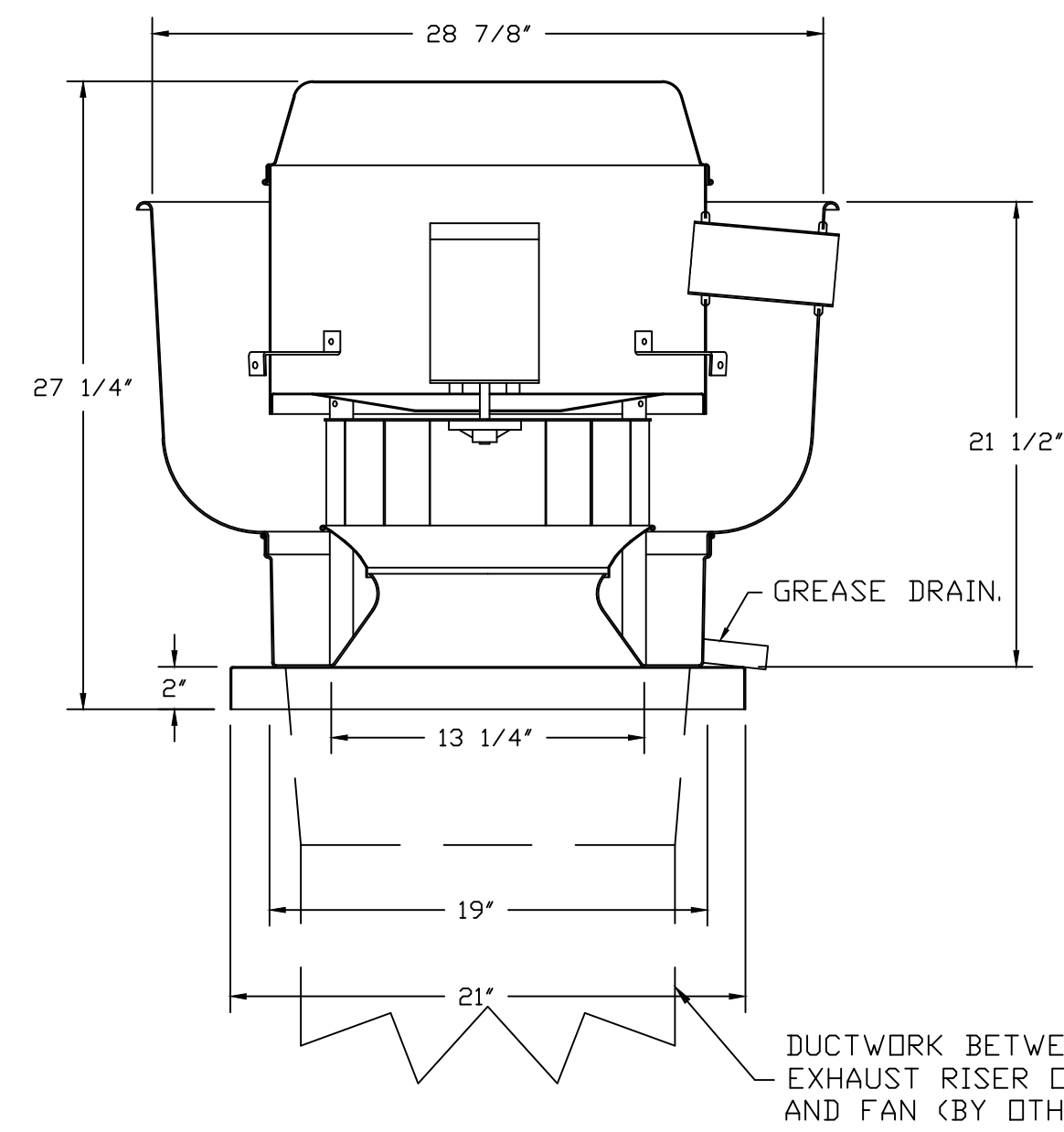
PROJECT DATE  
 08/12/2022  
 Drawn By

Checked By

Sheet No.  
**M705**

THIS DRAWING IS PROVIDED FOR REFERENCE ONLY. HOOD CONTRACTOR SHALL SELECT AND CERTIFY ALL EXHAUST/M.U. AIR FANS. ALL SYSTEMS SHALL MEET ALL APPLICABLE REQUIREMENTS OF STATE AND LOCAL CODES AND OTHER REQUIREMENTS AS SHOWN IN DESIGN DRAWINGS.

FANS #3 (SMOKER-EF-1), #4 (SMOKER-EF-2) - DU50HFA EXHAUST FAN



**FEATURES:**

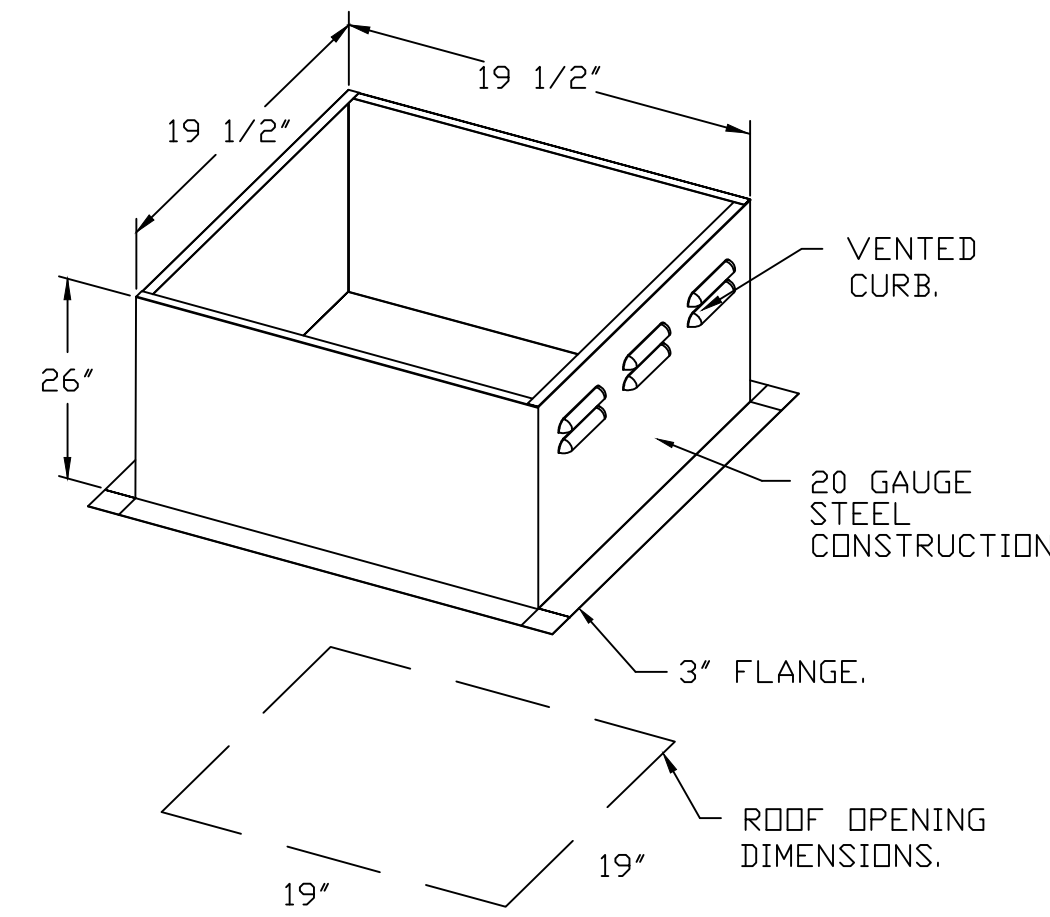
- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- RESTAURANT MODEL.
- UL705 AND UL762 AND ULC-5645
- VARIABLE SPEED CONTRL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- HIGH HEAT OPERATION 300°F (149°C).
- GREASE CLASSIFICATION TESTING.
- NEMA 3R SAFETY DISCONNECT SWITCH.

**NORMAL TEMPERATURE TEST**  
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

**ABNORMAL FLARE-UP TEST**  
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

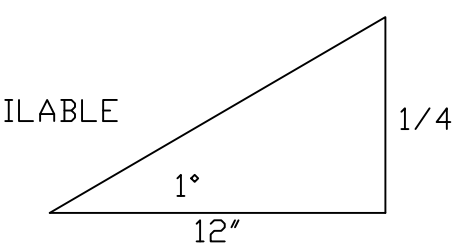
**OPTIONS**

- GREASE BOX.
- ECM WIRING PACKAGE - MANUAL OR 0-10VDC REFERENCE SPEED CONTRL.
- RTC- (ELECTD MOTORS), CCW ROTATION.
- 2 YEAR PARTS WARRANTY.



PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

SPECIFY PITCH:  
EXAMPLE: 7/12 PITCH = 30° SLOPE.



**SYSTEM DESIGN VERIFICATION (SDV)**

IF ORDERED, CAS SERVICE WILL PERFORM A SYSTEM DESIGN VERIFICATION (SDV) ONCE ALL EQUIPMENT HAS HAD A COMPLETE START UP PER THE OPERATION AND INSTALLATION MANUAL. TYPICALLY, THE SDV WILL BE PERFORMED AFTER ALL INSPECTIONS ARE COMPLETE.

ANY FIELD RELATED DISCREPANCIES THAT ARE DISCOVERED DURING THE SDV WILL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR AND CORRESPONDING TRADES ON SITE. THESE ISSUES WILL BE DOCUMENTED AND FORWARDED TO THE APPROPRIATE SALES OFFICE. IF CAS SERVICE HAS TO RESOLVE A DISCREPANCY THAT IS A FIELD ISSUE, THE GENERAL CONTRACTOR WILL BE NOTIFIED AND BILLED FOR THE WORK. SHOULD A RETURN TRIP BE REQUIRED DUE TO ANY FIELD RELATED DISCREPANCY THAT CANNOT BE RESOLVED DURING THE SDV, THERE WILL BE ADDITIONAL TRIP CHARGES.

DURING THE SDV, CAS SERVICE WILL ADDRESS ANY DISCREPANCY THAT IS THE FAULT OF THE MANUFACTURER. SHOULD A RETURN TRIP BE REQUIRED, THE GENERAL CONTRACTOR AND APPROPRIATE SALES OFFICE WILL BE NOTIFIED. THERE WILL BE NO ADDITIONAL CHARGES FOR MANUFACTURER DISCREPANCIES.

**REVISIONS**

| DESCRIPTION | DATE |
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Rib Crib Generation 6 Proto - Lake City, FL  
LAKE CITY, FL, 32025

DATE: 7/20/2022

DWG.#: 5257667

DRAWN BY: R.J.H-80

SCALE: 3/4" = 1'-0"

MASTER DRAWING

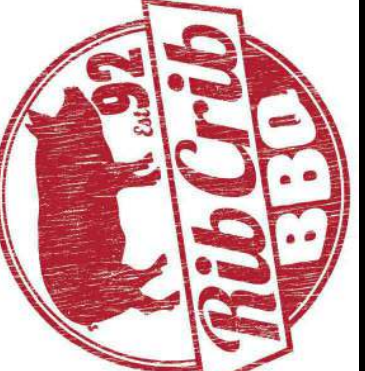
SHEET NO. 6

THIS DRAWING IS PROVIDED FOR REFERENCE ONLY. HOOD CONTRACTOR SHALL SELECT AND CERTIFY ALL EXHAUST/M.U. AIR FANS. ALL SYSTEMS SHALL MEET ALL APPLICABLE REQUIREMENTS OF STATE AND LOCAL CODES AND OTHER REQUIREMENTS AS SHOWN IN DESIGN DRAWINGS.

FOR REFERENCE ONLY

THIS DRAWING IS PROVIDED FOR REFERENCE ONLY. THE DESIGNER'S RESPONSIBILITY IS LIMITED TO THE DESIGN OF THE HOOD AND EXHAUST SYSTEMS SHOWN HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE RESTAURANT AND ALL OTHER SYSTEMS AND SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE RESTAURANT AND ALL OTHER SYSTEMS AND SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE RESTAURANT AND ALL OTHER SYSTEMS AND SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS.

**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: HOOD DRAWINGS



Revisions

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PROJECT DATE 08/12/2022

Drawn By

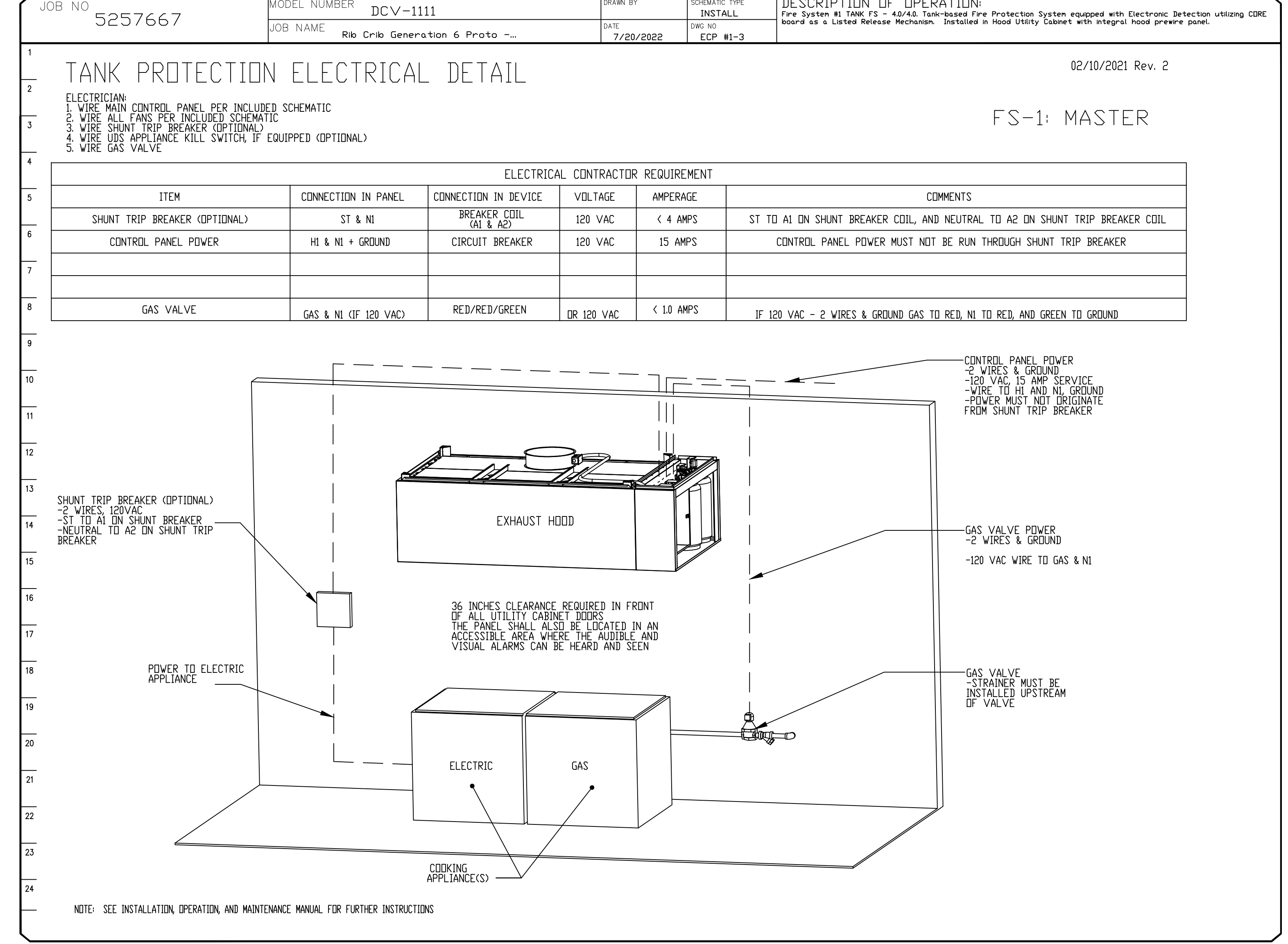
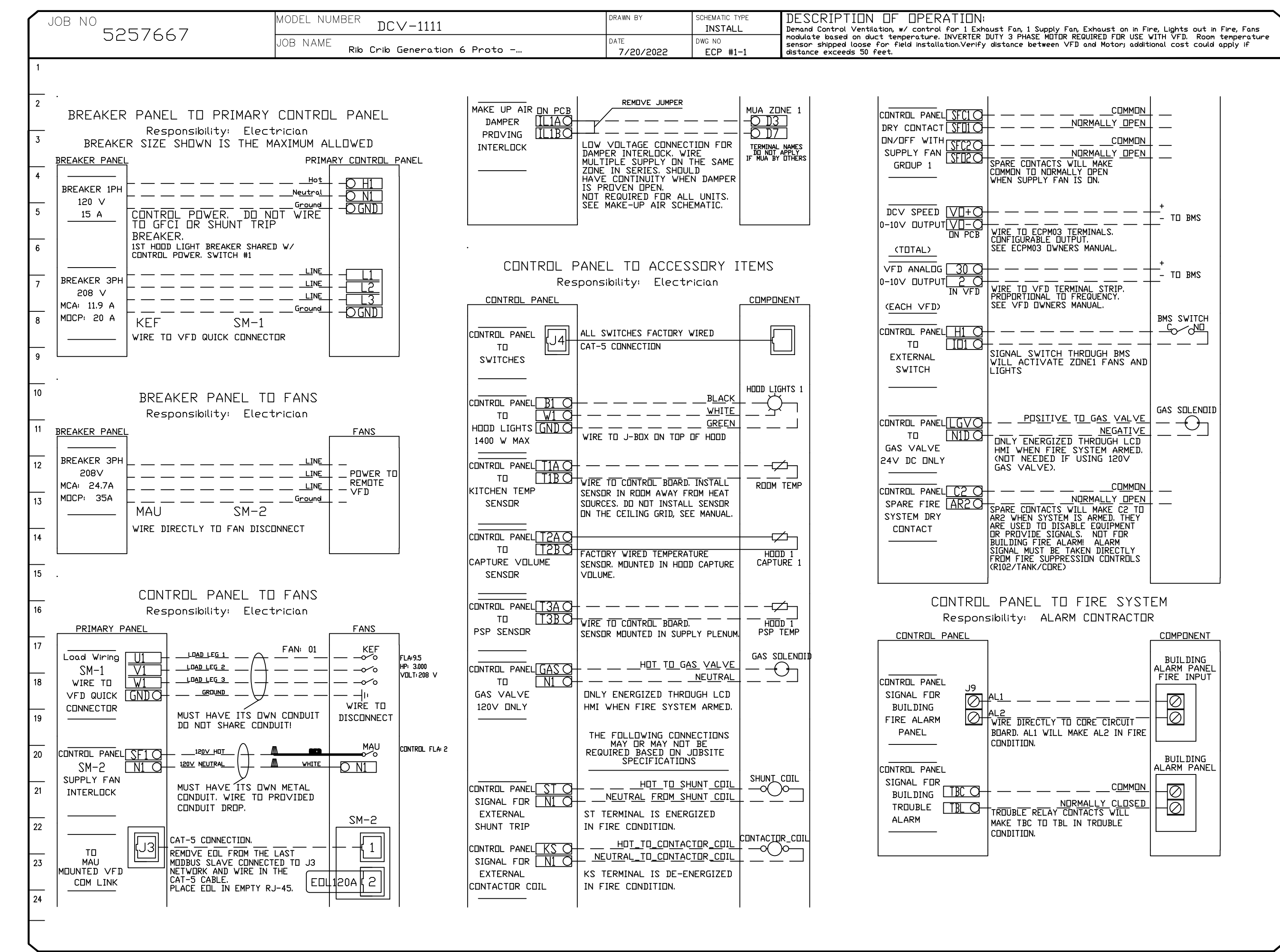
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Sheet No. **M706**



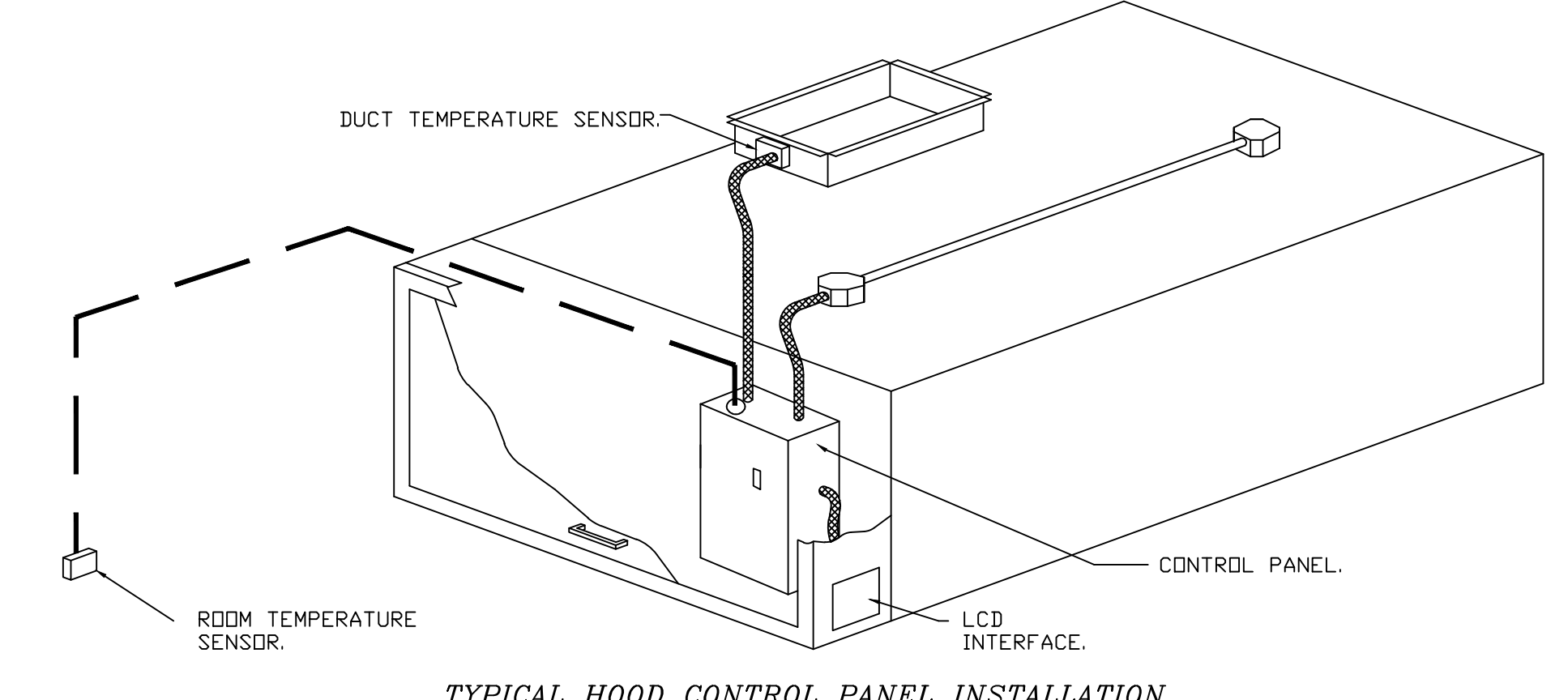
ELECTRICAL PACKAGE - JOB#5257667

Table with columns: NO, TAG, PACKAGE #, LOCATION, SWITCHES, OPTION, FANS CONTROLLED. Row 1: 1, DCV-1111, UTILITY CABINET LEFT, 03 - UTILITY CABINET LEFT HOOD # 1, 1 LIGHT, 1 FAN, SMART CONTROLS DCV, KEF, MAU, EXHAUST, SUPPLY, 3, 3.000, 208, 9.5, 3, 3.000, 208, 8.6.



DEMAND CONTROL VENTILATION HOOD CONTROL PANEL SPECIFICATIONS:

- CONTROLS SHALL BE LISTED BY ETL (UL 508A) AND SHALL COMPLY WITH DEMAND VENTILATION SYSTEM TURNDOWN REQUIREMENTS OUTLINED IN IECC 403.2.8 (2015).
- THE CONTROL ENCLOSURE SHALL BE NEMA 1 RATED AND LISTED FOR INSTALLATION INSIDE OF THE EXHAUST HOOD UTILITY CABINET.
- TEMPERATURE PROBES LOCATED IN THE EXHAUST DUCT RISER(S) SHALL BE CONSTRUCTED OF STAINLESS STEEL.
- A DIGITAL CONTROLLER SHALL BE PROVIDED TO ACTIVATE THE HOOD EXHAUST FANS DYNAMICALLY BASED ON A FIXED DIFFERENTIAL BETWEEN THE AMBIENT AND DUCT TEMPERATURE SENSORS.
- A DIGITAL CONTROLLER SHALL PROVIDE ADJUSTABLE HYSTERESIS SETTINGS TO PREVENT CYCLING OF THE FANS AFTER THE COOKING APPLIANCES HAVE BEEN TURNED OFF AND/OR THE HEAT IN THE EXHAUST SYSTEM IS REDUCED.
- A DIGITAL CONTROLLER SHALL PROVIDE AN ADJUSTABLE MINIMUM FAN RUN-TIME SETTING TO PREVENT FAN CYCLING.
- VARIABLE FREQUENCY DRIVES (VFDs) SHALL BE PROVIDED FOR FANS AS REQUIRED. THE DIGITAL CONTROLLER SHALL MODULATE THE VFDs BETWEEN A MINIMUM SETPOINT AND A MAXIMUM SETPOINT ON DEMAND.
- AN INTERNAL ALGORITHM TO THE DIGITAL CONTROLLER SHALL MODULATE SUPPLY FAN VFD SPEED PROPORTIONAL TO ALL EXHAUST FANS THAT ARE LOCATED IN THE SAME FAN GROUP AS THE SUPPLY FAN.
- THE SYSTEM SHALL OPERATE IN PREP MODE DURING LIGHT COOKING LOAD OR COOL DOWN MODE WHEN SUFFICIENT HEAT REMAINS UNDERNEATH THE HOOD SYSTEM AFTER COOKING OPERATIONS HAVE COMPLETED.
- A DIGITAL CONTROLLER SHALL DISABLE THE SUPPLY FAN(S), ACTIVATE THE EXHAUST FAN(S), ACTIVATE THE APPLIANCE SHUNT TRIP, AND DISABLE AN ELECTRIC GAS VALVE AUTOMATICALLY WHEN FIRE CONDITION IS DETECTED ON A COVERED HOOD.
- A DIGITAL CONTROLLER SHALL ALLOW FOR EXTERNAL BMS FAN CONTROL VIA DRY CONTACT (EXTERNAL CONTROL SHALL NOT OVERRIDE FAN OPERATION LOGIC AS REQUIRED BY CODE).
- AN LCD INTERFACE SHALL BE PROVIDED WITH THE FOLLOWING FEATURES: A. ON/OFF PUSH BUTTON FAN & LIGHT SWITCH ACTIVATION. B. INTEGRATED GAS VALVE RESET FOR ELECTRONIC GAS VALVES (NO RESET RELAY REQUIRED). C. VFD FAULT DISPLAY WITH AUDIBLE & VISUAL ALARM NOTIFICATION. D. DUCT TEMPERATURE SENSOR FAILURE DETECTION WITH AUDIBLE & VISUAL ALARM NOTIFICATION. E. MIS-WIRED DUCT TEMPERATURE SENSOR DETECTION WITH AUDIBLE & VISUAL ALARM NOTIFICATION. F. A SINGLE LOW VOLTAGE CAT-5 RJ45 WIRING CONNECTION. G. AN ENERGY SAVINGS INDICATOR THAT UTILIZES MEASURED KWH FROM THE VFDs.



SEQUENCE OF OPERATIONS:

- AUTOMATIC: THE SYSTEM OPERATES BASED ON THE DIFFERENTIAL BETWEEN ROOM TEMPERATURE AND THE TEMPERATURE AT THE HOOD CAVITY OR EXHAUST DUCT COLLAR. FANS ACTIVATE AT A CONFIGURABLE TEMPERATURE DIFFERENTIAL THRESHOLD.
- MANUAL: THE SYSTEM OPERATES BASED ON HUMAN INPUT FROM AN HMI.
- SCHEDULE: A WEEKLY SCHEDULE CAN BE SET TO RUN FANS FOR A SPECIFIED PERIOD THROUGHOUT THE DAY.
- OTHER: THE SYSTEM OPERATES BASED ON THE INPUT FROM AN EXTERNAL SOURCE (DDC, BMS OR HARD-WIRED INTERLOCK).
- FIRE: UPON ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM, THE EXHAUST FAN WILL COME ON OR CONTINUE TO RUN, THE HOOD MAKEUP AIR WILL SHUTDOWN, AND A SIGNAL WILL BE SENT FOR ACTIVATING THE SHUNT TRIP BREAKER PROVIDED BY THE ELECTRICIAN.

REVISIONS table with columns: NO, DESCRIPTION, DATE. Includes CAPTIVE logo and contact information for Tulsa Office.

Rib Crib Generation 6 Proto - Lake City, FL  
LAKE CITY, FL, 32025

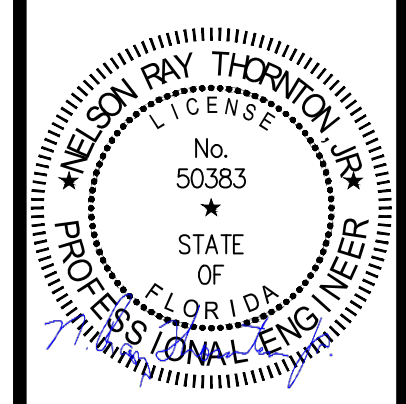
DATE: 7/20/2022  
DWG.#: 5257667  
DRAWN BY: RJH-80  
SCALE: 3/4" = 1'-0"  
MASTER DRAWING  
SHEET NO. 8

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FOR REFERENCE ONLY  
CAPTIVE ARCHITECTS & ENGINEERS  
national restaurant designers  
12101 East 51st Street, Suite 101A, Tulsa, OK 74146  
PHONE: (918) 258-0291 FAX: (918) 227-5947 EMAIL: reg@captiveware.com  
www.captiveare.com

RIB CRIB GEN 6 PROTOTYPE  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: HOOD DRAWINGS

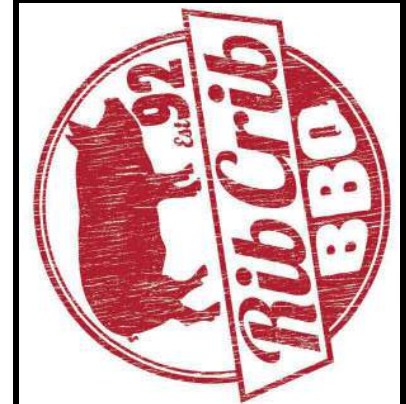
Revisions  
THRU ADDENDUM " "  
PROJECT DATE 08/12/2022  
Drawn By  
Checked By  
Sheet No. M708



8/12/2022

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSTRUMENTS OF SERVICE FROM THE LOCAL GOVERNMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSTRUMENTS OF SERVICE FROM THE LOCAL GOVERNMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSTRUMENTS OF SERVICE FROM THE LOCAL GOVERNMENT.

RIB CRIB GEN 6 PROTOTYPE  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: ELECTRICAL NOTES



Revisions table with columns for revision number, description, and date. Includes PROJECT DATE 08/12/2022, Drawn By JP, Checked By JP, and Sheet No. E001.

ELECTRICAL SYMBOLS

LEGEND

Legend table with columns for SYMBOL and DESCRIPTION. Lists various electrical symbols such as recessed downlight, linear surface/wall mounted light fixture, 2x4 recessed light fixture, security wall sconce, luminaire powered by emergency source, wall mounted fixture, ceiling mounted exit sign, interior pendant light fixture, interior/exterior ceiling fan, switch, single pole, occupancy sensor, receptacle, duplex, receptacle, double duplex, receptacle, isolated ground, ground fault interrupt receptacle, receptacle, special, junction box, non-fused disconnect, fused disconnect, panelboard, hard-wired connection, speaker, telephone, voic/data, wire/conduit exposed, wire/conduit concealed, and circuit/home run indication.

SWITCH NOTES:  
"n" = LOWER CASE LETTER INDICATES SWITCHING CIRCUIT ID  
"3" = THREE-WAY SWITCH 20A, 120-277VAC  
"4" = FOUR-WAY SWITCH 20A, 120-277VAC  
"M" = MANUAL MOTOR STARTER SWITCH  
"D" = DIMMER CONTROL  
"P" = SINGLE POLE SWITCH WITH PILOT LIGHT  
"K" = SINGLE POLE SWITCH (KEY-OPERATED)  
"T" = SINGLE POLE SWITCH WITH TIMER  
"OS" = OCCUPANCY VACANCY SENSOR WALL SWITCH(I/R) WITH MANUAL OVERRIDE

GENERAL NOTES

- 1. PROVIDE ALL REQUIRED LABOR AND MATERIALS FOR A TEMPORARY CONSTRUCTION SERVICE AS REQUIRED.
2. ENSURE ALL PANELBOARDS HAVE REQUIRED VOLTAGE WARNING LABELS AND ARC FLASH WARNING LABELS.
3. PRIOR TO INSTALLATION OF ROUGH ELECTRICAL WIRING, CONTRACTOR SHALL CHECK NAMEPLATE DATA OF ALL H.V.A.C. EQUIPMENT, WATER HEATERS, AND OTHER EQUIPMENT.
4. COORDINATE ALL REQUIREMENTS WITH LOCAL ELECTRICAL UTILITY PRIOR TO BID.
5. PROVIDE EACH 120V, 20A BRANCH CIRCUIT FROM LIGHTING AND APPLIANCE PANELBOARDS WITH A SEPARATE NEUTRAL FOR EACH PHASE CONDUCTOR.
6. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LUMINAIRE LOCATIONS.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATION OF LUMINAIRES WITH OTHER TRADES.
8. FOR LOCATION OF MECHANICAL EQUIPMENT, REFER TO MECHANICAL PLANS.
9. AN 'AS' BESIDE A DEVICE INDICATES MOUNTED ABOVE CASEWORK OR COUNTER. A 'UC' BESIDE A DEVICE INDICATES MOUNTED UNDER COUNTER.
10. PROVIDE # 10 AWG PHASE, NEUTRAL, AND GROUND CONDUCTORS FOR 120 VOLT, 20 AMPERE BRANCH CIRCUITS EXCEEDING 100 FEET.
11. RIGID EMT TO BE USED ABOVE CEILING AND INSIDE WALLS. MC CABLE USED FOR WHIP CONNECTIONS WITHIN 6 FEET UNO.

CONTRACTOR NOTE

DESIGN DRAWINGS ARE SCHEMATIC. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. CONTRACT SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.
THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT.
BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES.

MOUNTING HEIGHT NOTES

- 1. UNLESS OTHERWISE INDICATED, OUTLET BOXES IN WALLS SHALL BE LOCATED WITH CENTERLINE AT THE FOLLOWING ELEVATIONS ABOVE THE FINISHED FLOOR LINE.
2. THE FOLLOWING MOUNTING HEIGHTS SHALL BE ADHERED TO UNLESS OTHERWISE NOTED ON PLANS OR SPECIFICATIONS.
1. SWITCH OUTLETS 48" AFF
2. BRACKET OUTLETS (OTHER) 78" AFF
3. RECEPTACLE OUTLETS (U.O.N.) 12" AFF
4. RECEPTACLE OUTLETS, MECHANICAL ROOMS 36" AFF
5. RECEPTACLE OUTLETS MOUNTED ABOVE CASEWORK/CABINETS 48" AFF
6. CLOCK OUTLETS 12" BELOW CEILING
7. MOTOR STARTERS AND SAFETY SWITCHES 54" AFF
8. PANELBOARDS (TOP) 78" AFF

ABBREVIATIONS

Table of abbreviations with columns for abbreviation and description. Includes terms like AMP, AC, AB, AF, AFF, AFG, AFU, AHU, AIC, AL, AS, AM, AT, ATS, AUX, AV, AWG, BAS, BKR, BLDG, BP, BSC, C, C-DT, CATV, CB, CCTV, CKT, CLG, CO, COAX, COL, COMM, CP, CPT, CPU, CR, CRT, CS, COPPER, CUH, CT, D, DC, DDC, DEMO, DIA, DN, DISC, DIST, DWG, E, EC, EF, EL, ELECT, ELEV, EMT, EO, EOL, EQ, EQUIP, ER, EX, F, FA, FCC, FCU, FDOI, FOR, FH, FIP, FIXT, FLA, FLR, FO, FPB, FPD, FSD, FU, FUT, FVR, FNFR, G, GA, GEN, GFI, GND, GND, GRS, GPC, GRC, HH, HIA, HP, HT, HWP, HV, HZ, INST, ICM, ICR, IG, IMC, INSTR, JB\_BOX, K, KA, KCM, KEF, KM, KW, KWH, KV, KVA, KWAR, L, LA, LAB, LAN.

ELECTRICAL ROUGH-IN NOTES

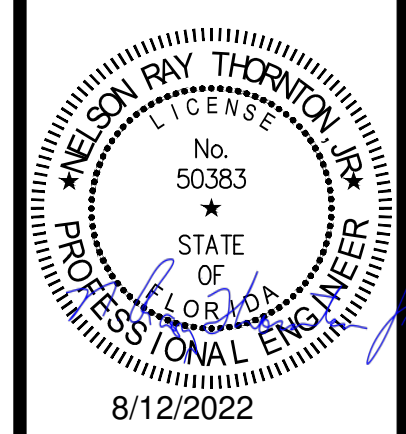
- 1. ALL FINAL POWER CONNECTIONS SHOWN IN THESE DRAWINGS ARE ACTUAL REQUIREMENTS OF THE EQUIPMENT AND ARE SHOWN IN THEIR APPROXIMATE LOCATION.
2. LOCATION OF ROUGH-IN STUB-UP DIMENSION IS SHOWN AS ABOVE THE FINISHED FLOOR UNLESS NOTED OTHERWISE.
3. FABRICATED EQUIPMENT CONTAINING A BREAKER PANEL OR EQUIPMENT INDICATED SO SHALL BE PRE-WIRED BY FABRICATOR READY FOR FIELD CONNECTION TO ONE POINT BY ELECTRICAL CONTRACTOR.
4. ELECTRICAL CONTRACTOR SHALL INSTALL ALL SWITCHES, STARTERS, DISCONNECTS, ETC. FOR ALL MANUFACTURER PROVIDED EQUIPMENT AND ICE MACHINES UNLESS NOTED OTHERWISE.
5. ELECTRICAL CONTRACTOR TO PROVIDE CONTROL WIRING AND ELECTRICAL SERVICE FOR REMOTE REFRIGERATION SYSTEMS FOR WALK-IN BOXES.
6. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL WRAP AROUND HEATER CABLE ON ALL MANUFACTURER PROVIDED EVAPORATOR DRAIN LINES IN WALK-IN FREEZER.
7. ELECTRICIAN TO BRANCH TO CONNECTION WHERE REQUIRED AND TO CONNECT ALL ELECTRICAL EQUIPMENT AND FIXTURES AND ICE MACHINES.
8. ALL ELECTRICAL OUTLET COVER PLATES ARE TO BE STAINLESS STEEL.
9. IF ELECTRICAL COOKING EQUIPMENT IS SPECIFIED, ELECTRICAL CONTRACTOR TO PROVIDE TIE-IN WIRING BETWEEN FIRE PROTECTION BOTTLE CONTROL HEAD, MICRO-SWITCH AND COOKING EQUIPMENT.
10. ELECTRICAL CONTRACTOR TO INSTALL AND WIRE EXTRA LIGHTS IN WALK-IN COOLERS AND FREEZERS AS REQUIRED.
11. VERIFY WITH ARCHITECT OR OWNER'S REPRESENTATIVE, FINAL EQUIPMENT REQUIREMENTS BEFORE ORDERING MATERIAL.
12. ALL WORK RELATING TO THE INSTALLATION AND HOOKUP OF THE SPECIFIED EQUIPMENT, IS TO BE PERFORMED IN FULL ACCORDANCE WITH APPLICABLE LOCAL, CITY, COUNTY, STATE, AND FEDERAL CODES.
13. ELECTRICAL CONTRACTOR IS REQUIRED TO FURNISH AND INSTALL ALL ELECTRICAL COMPONENTS NECESSARY TO PROVIDE SERVICE TO LOCATIONS AND EQUIPMENT AS SHOWN IN THESE DRAWINGS.
14. MATCH VENDOR HIGH TEMPERATURE WIRING FOR HEAT LAMPS. ENSURE NEAT INSTALL FOR MAINTENANCE PURPOSES.

ELECTRICAL SYSTEM AND EQUIPMENT METHOD OF COMPLIANCE:

PERFORMANCE:
LAMP TYPE REQUIRED IN FIXTURE: SEE LIGHTING FIXTURE SCHEDULE
NUMBER OF LAMPS IN FIXTURE: SEE LIGHTING FIXTURE SCHEDULE
BALLAST TYPE REQUIRED IN FIXTURE: SEE LIGHTING FIXTURE SCHEDULE
NUMBER OF BALLASTS IN FIXTURE: SEE LIGHTING FIXTURE SCHEDULE
TOTAL WATTAGE FOR FIXTURE: SEE LIGHTING FIXTURE SCHEDULE
TOTAL INTERIOR WATTAGE SPECIFIED VS. ALLOWED: 2,346 W VS. 2,418 W
TOTAL EXTERIOR WATTAGE SPECIFIED VS. ALLOWED: 139 W VS. 1,746 W
EQUIPMENT SCHEDULES WITH MOTORS (NOT USED FOR MECHANICAL SYSTEMS): NONE
MOTOR HORSEPOWER:
MOTOR EFFICIENCY:
MOTOR TYPE:
# OF POLES:

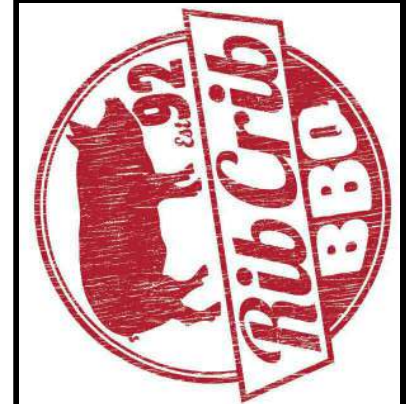






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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: ROOF POWER PLAN



**Revisions**

| THRU | ADDENDUM | " | " |
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PROJECT DATE  
08/12/2022

Drawn By  
JP

Checked By  
JP

Sheet No.

**E301**

**GENERAL NOTES**

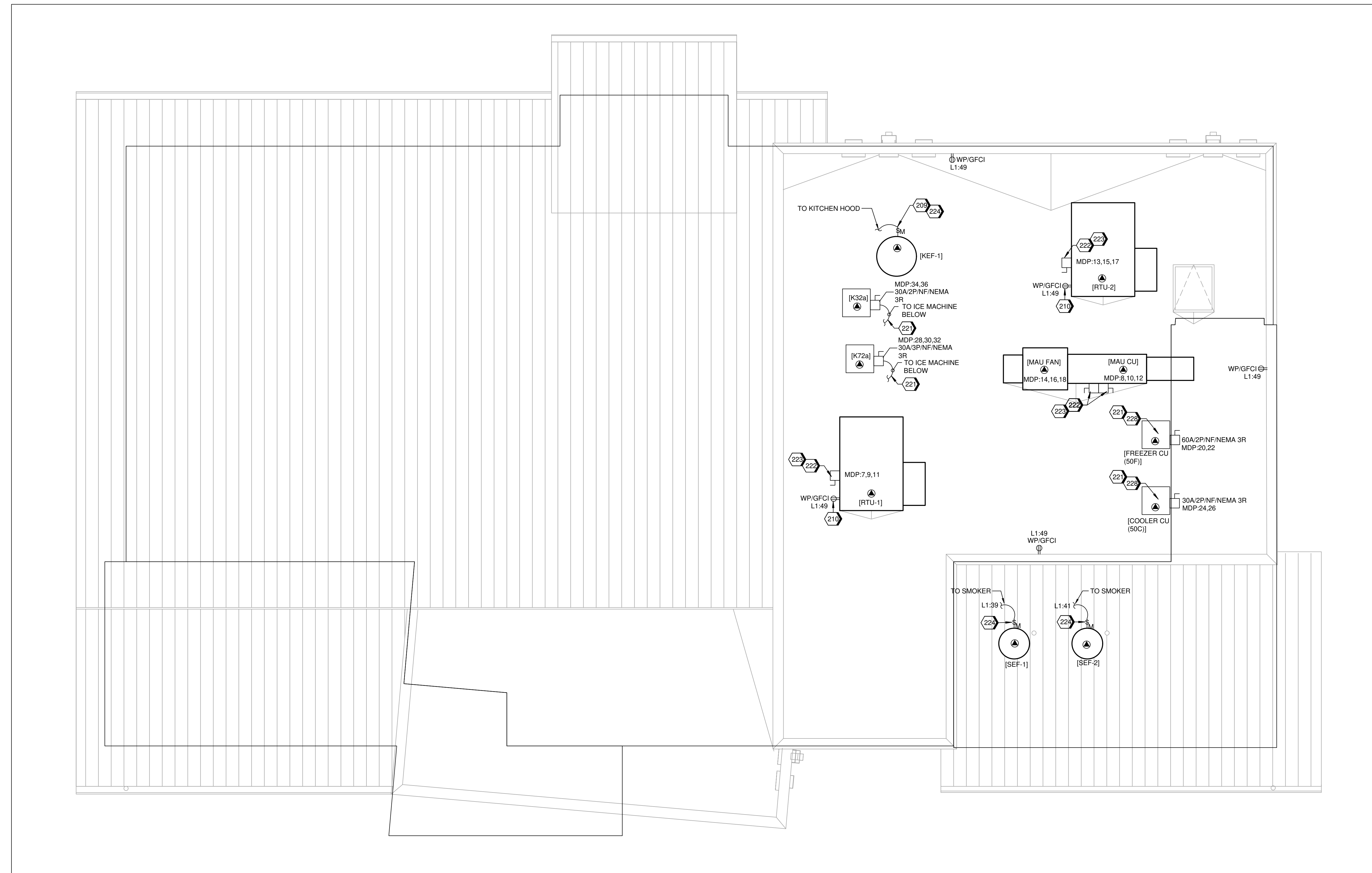
- A. ALL ROOF MOUNTED EQUIPMENT SHALL BE IN NEMA-3R ENCLOSURES.
- B. ALL CONDUIT RUNS SHOWN ON THE ROOF SHALL BE RUN BELOW IN THE CEILING SPACE WHERE AMBIENT TEMPERATURE WILL BE BELOW 30° C. FINAL CONNECTIONS TO THE ROOF EQUIPMENT IS LIMITED TO 5'-0" OF DIRECT SOLAR EXPOSURE.
- C. VERIFY ALL FUSE SIZES AND TYPES WITH THE MECHANICAL EQUIPMENT MANUFACTURER PRIOR TO INSTALLATION.
- D. VERIFY CONNECTION POINTS OF ALL HVAC EQUIPMENT PRIOR TO INSTALLATION. PROVIDE CONTROL VOLTAGE CONNECTION TO DUCT MTD, SMOKE DETECTOR AS REQUIRED BY MECHANICAL PLANS AND INTERLOCK WITH FIREALARM.
- E. REVIEW THE MECHANICAL PLANS FOR HVAC CONTROL REQUIREMENTS AND SCOPE OF WORK PRIOR TO BIDDING AND INCLUDE ALL COSTS IN BID.
- F. SEE MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF MECHANICAL EQUIPMENT AND THERMOSTATS. PROVIDE RACEWAY SYSTEM FOR ALL CONTROL WIRING AS REQUIRED BY MECHANICAL PLANS.

**GENERAL NOTES**

- G. E.C. TO COORDINATE ELECTRICAL, MECHANICAL, FIRE ALARM (IF REQUIRED) FOR INTERLOCK SEQUENCE FOR FIRE SUPPRESSION.
- H. REFER TO SHEET E001 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES.
- I. PROVIDE AND LEAVE A PULL WIRE IN ALL EMPTY CONDUITS.
- J. REFER TO SHEET E501 FOR EQUIPMENT SCHEDULES AND CONNECTION INFORMATION.
- K. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH THE NEC AS WELL AS ALL APPLICABLE FEDERAL STATE AND LOCAL REQUIREMENTS WHERE CONFLICTS ARISE, THE MOST STRINGENT REQUIREMENT SHALL TAKE PRECEDENCE.
- M. CONTRACTOR SHALL INSTALL 300W CORDS WITH KELUM STYLE STRAIN RELIEFS AND APPROPRIATE PLUGS FOR THE FOLLOWING EQUIPMENT: TWO CORDS FOR EACH GRILL (4 TOTAL), ONE FOR EACH FRYER (5 TOTAL) AND ONE FOR OVEN COORDINATE ALL REQUIREMENTS WITH KITCHEN EQUIPMENT PROVIDER.

**KEYNOTES**

|     |  |
|-----|--|
| 209 | CIRCUIT FEEDS FROM PANELBOARD, THROUGH HOOD CONTROL PANEL AND UP TO ROOF. REFER TO MECHANICAL PLANS FOR KITCHEN HOOD SUBMITTAL DATA. |
| 210 | RECEPTACLE IS PROVIDED WITH UNIT. CONTRACTOR TO PROVIDE POWER WIRING.  |
| 221 | ROUTE CONTROL WIRE TO CONTROLLER BELOW. COORDINATE WITH GENERAL CONTRACTOR.  |
| 222 | PROVIDE 3/4" CONDUIT AND WIRE BELOW ROOF FOR RTU CONTROLS. ROOF PENETRATION TO BE MADE WITHIN UNIT CURB.                             |
| 223 | INTERGRAL DISCONNECT SWITCH, PROVIDED AND INSTALLED BY RTU MANUFACTURER.   |
| 224 | DISCONNECT SWITCH PROVIDED BY FAN MANUFACTURER.  |
| 228 | SILICONE SEAL ALL CONDUIT PENETRATIONS ABOVE AND BELOW, INSIDE AND OUT AT WALK-INS TO CONTROL CONDENSATION (TYPICAL).                |



**1** ROOF POWER PLAN  
1/4" = 1'-0"



GENERAL NOTES

- A. ALL WIRING SHALL BE COPPER WITH THWN INSULATION RATED AT 75°C UNLESS OTHERWISE NOTED.
B. PROVIDE 3/4" CONDUIT BELOW ROOF FOR CONTROL WIRING TO RTU. ROUTE THROUGH ROOF WITH UNIT CURB.
C. ALUMINUM SERVICE LATERAL FEEDERS SHALL BE PROVIDED WITH COMPRESSION CONNECTIONS UPON APPROVAL WITH AHJ.

Table with columns: CKT. #, DESCRIPTION, NOTE, BREAKER, LOAD (POLE, AMP., (KVA)), A, B, C, LOAD (KVA), BREAKER (AMP., POLE), NOTE, DESCRIPTION, CKT. #. Includes items like PANEL 'L1', RTU-1, RTU-2, DEF-1, DTSWASHER, SPACE, etc.

Table with columns: CKT. #, DESCRIPTION, NOTE, BREAKER, LOAD (POLE, AMP., (KVA)), A, B, C, LOAD (KVA), BREAKER (AMP., POLE), NOTE, DESCRIPTION, CKT. #. Includes items like TIME CLOCKS, DINING TRUCK/DRIVE THRU LTG, PUTBOSS LTS, KITCHEN/SMOKER ENC LTG, etc.

Table with columns: CKT. #, DESCRIPTION, NOTE, BREAKER, LOAD (POLE, AMP., (KVA)), A, B, C, LOAD (KVA), BREAKER (AMP., POLE), NOTE, DESCRIPTION, CKT. #. Includes items like BUILDING SIGN, DIRECTIONAL SIGN, PARKING LOT LIGHTING, etc.

Table with columns: CKT. #, DESCRIPTION, NOTE, BREAKER, LOAD (POLE, AMP., (KVA)), A, B, C, LOAD (KVA), BREAKER (AMP., POLE), NOTE, DESCRIPTION, CKT. #. Includes items like SECURITY SYSTEM, POS - FRONT COUNTER, POS - FRONT COUNTER, MEN/BOARDS, etc.

Table with columns: ITEMS, CON., %, DEM. Includes items like RECEPTACLES, KITCHEN, HVAC, LIGHTS (INT.), LIGHTS (EXT.), MISC., TOTAL KVA, TOTAL AMPS.

FAULT CURRENT CALCULATIONS

Table with columns: From, To, Parallel, Length, Voltage, Wire Size, Wire Type, Conduit Type, C, SCA-beg, SCA-end. Includes items like UTILITY 2PH3W, CT CABINET, SERVICE DISC, etc.

FAULT CURRENT CALCULATION NOTES:

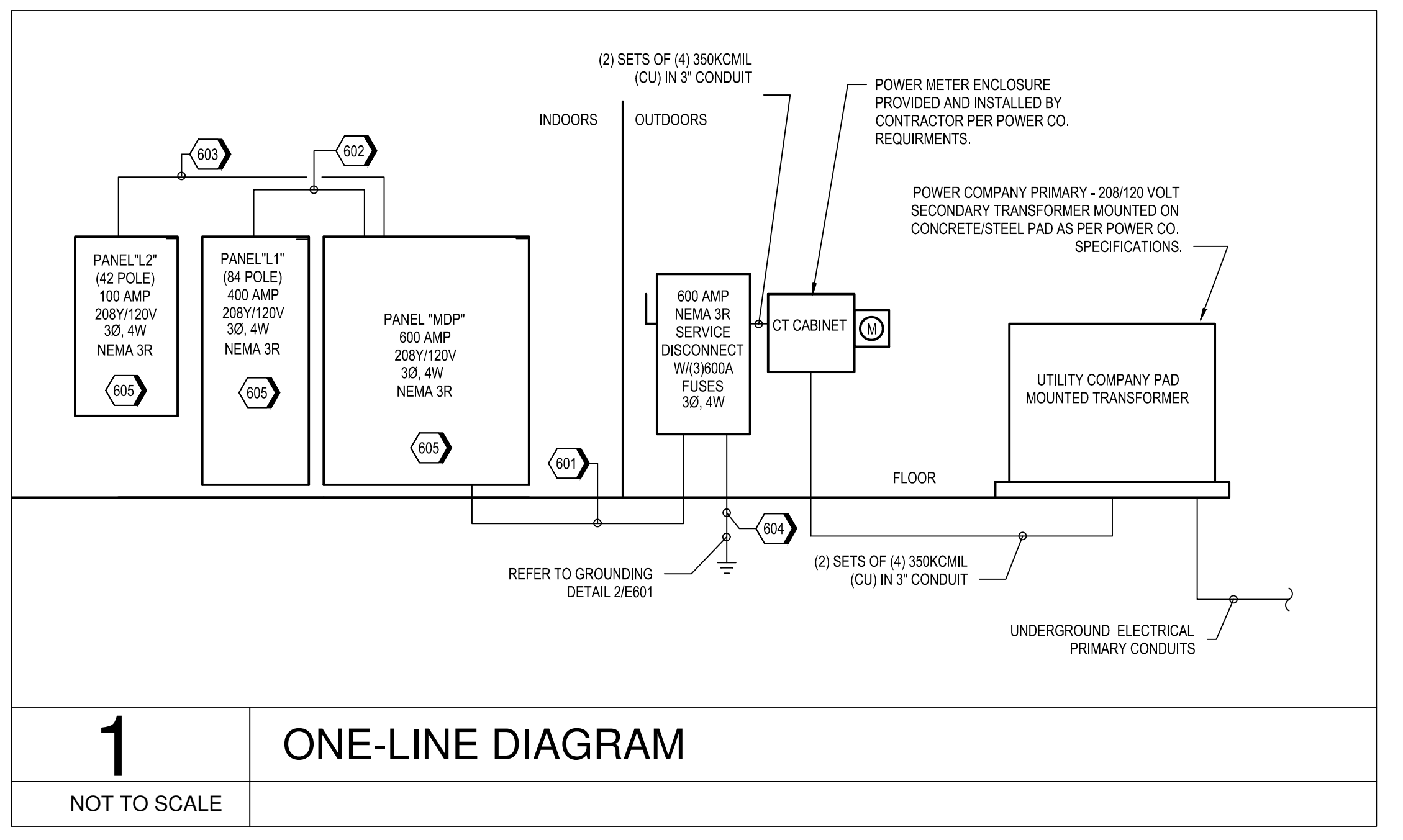
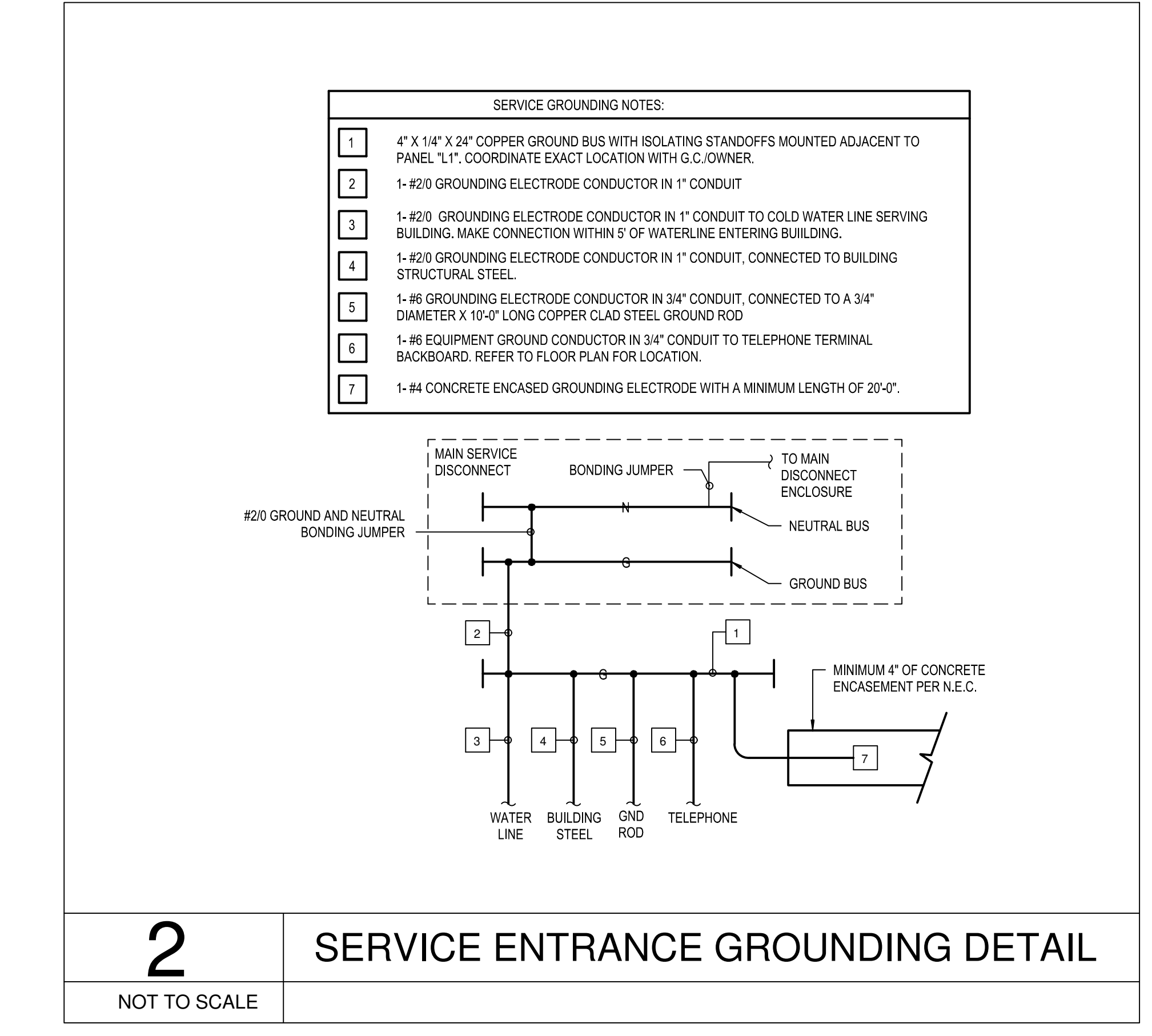
EC SHALL PROVIDE A TESTED SERIES RATED DISTRIBUTION SYSTEM CAPABLE OF WITHSTANDING THE ACTUAL AVAILABLE FAULT CURRENT AT THE TIME OF DESIGN THE TRANSFORMER SPECIFICATIONS AND LOCATION WERE NOT KNOWN. THESE CALCULATIONS REPRESENT A WORST CASE ESTIMATE BASED ON AN INFINITE BUS DESIGN. EC SHALL ONLY USE THESE CALCULATIONS AS A GUIDELINE FOR THE PROPER SELECTION AND COORDINATION OF BREAKERS. ACTUAL VALUES WILL VARY ACCORDING TO NUMEROUS VARIABLES. VALUES ARE VALID ONLY FOR A 225KVA TRANSFORMER WITH AN IMPEDANCE OF 2.00% OR GREATER AND SERVICE LATERALS NOT LESS THAN 50 FEET IN TOTAL LENGTH. EC SHALL FIELD VERIFY TRANSFORMER RATINGS AND LOCATION AND COORDINATION VARIABLES PRIOR TO PURCHASING BREAKERS. ADJUST AS REQUIRED. CONSULT DESIGN ENGINEER AS NEEDED.

POWER LOAD SUMMARY (KVA)

Table with columns: PANEL, RECEPTACLE LOAD, KITCHEN LOAD, HVAC LOAD, INTERIOR LIGHTING LOAD, EXTERIOR LIGHTING LOAD, MISCELLANEOUS LOADS, TOTAL CONNECTED LOAD. Includes items like PANEL 'MDP', PANEL 'L1', PANEL 'L2'.

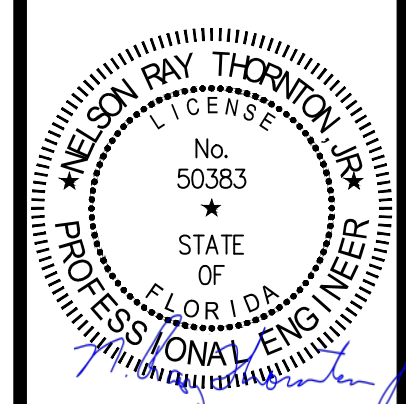
Table with columns: SERVICE CALCULATION PER NEC 220.88, TOTAL CONNECTED KVA, TOTAL DEMAND AMPERES. Includes items like TOTAL CONNECTED KVA: 147.56, TOTAL DEMAND AMPERES: 409.59 Amps.

Table with columns: TOTAL CONNECTED KVA, TOTAL CONNECTED AMPS. Includes items like TOTAL CONNECTED KVA: 147.56, TOTAL CONNECTED AMPS: 409.60.



KEYNOTES

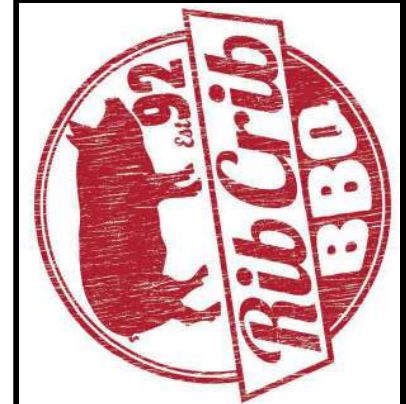
- 601 THWN, 600A, 208V, (2-SETS) 4-350 KCMIL CU, #1 GND, #1 IG EACH IN 3" C.
602 THWN, 300A, 208V, (2-SETS) 4-#1/0 CU, #4 GND, #4 IG, EACH IN 2" C.
603 THWN, 100A, 208V, (1-SET) 4-#3 CU, #8 GND, IN 1-1/4" C.
604 GROUNDING SHALL BE PER NEC. FURNISH AND INSTALL 3/4"x10'-0" GROUND ROD AT A CONCRETE ENCASED ELECTRODE. CONNECT THE BUILDING SERVICE GROUND TO THE GROUND ROD. ENCASED ELECTRODE AND DOMESTIC COLD WATER PIPING WITH BARE #20 COPPER CONDUCTOR. BONDING SHALL BE PER NEC.
605 PROVIDE SQUARE D PANELBOARDS OR APPROVED ALTERNATE FOR PANELS MDP, L1, AND L2. PANEL DIMENSIONS: MDP-32"x9.5", L1-20"x5.75", L2-20"x5.75".



8/12/2022

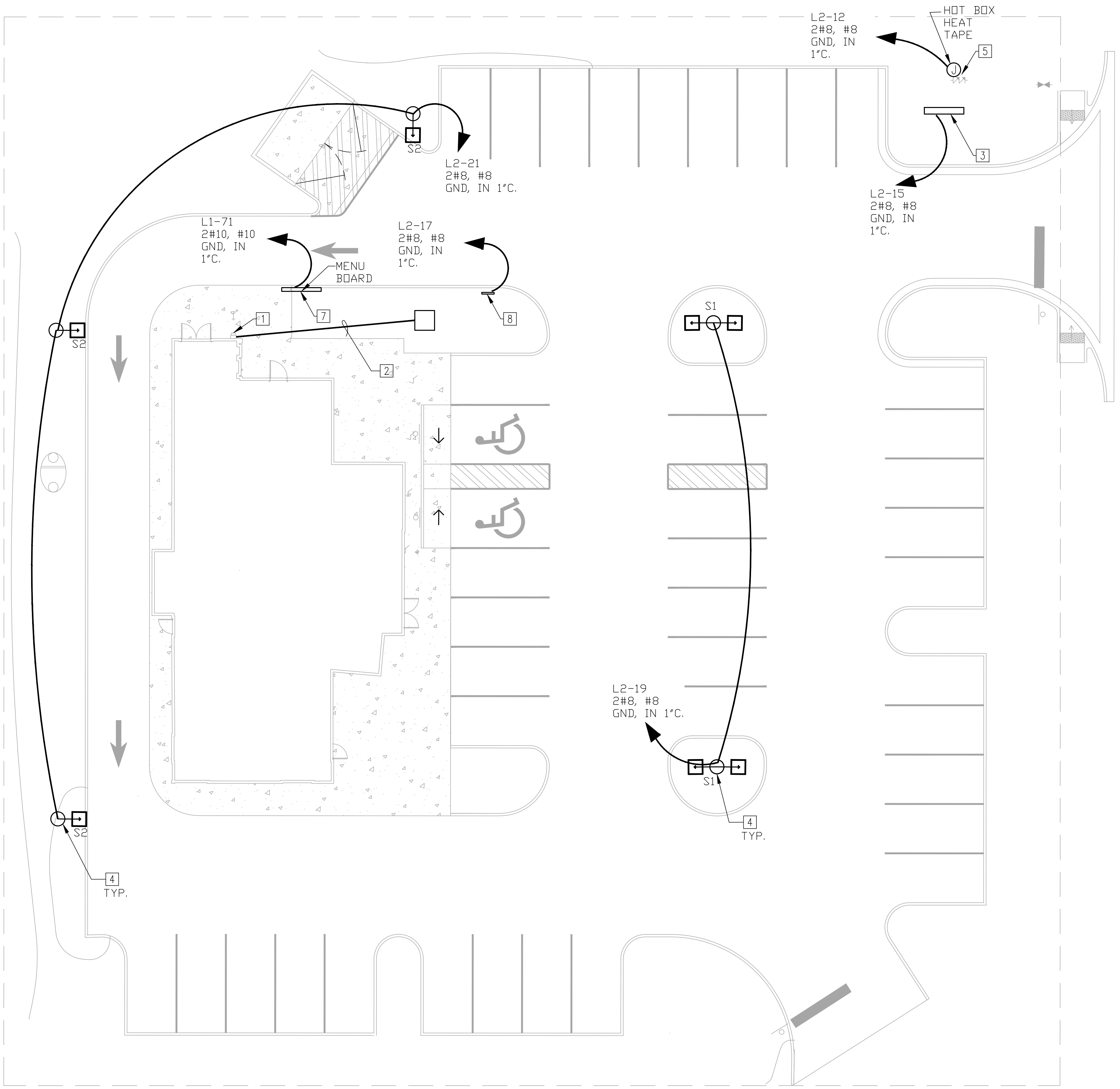
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**RIB CRIB GEN 6 PROTOTYPE**  
Location: GATEWAY CROSSING, CENTURION WAY  
LAKE CITY, FLORIDA 32055  
Drawing: ELECTRICAL SITE PLAN



| Revisions     |              |
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| THRU ADDENDUM | " "          |
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| PROJECT DATE  | 08/12/2022   |
| Drawn By      | JP           |
| Checked By    | JP           |
| Sheet No.     | <b>ES111</b> |

- ### ELECTRICAL SITE PLAN NOTES
- BUILDING POWER PANEL LOCATION.
  - EC SHALL PROVIDE SECONDARY CONDUCTORS FROM TRANSFORMER TO BUILDING SERVICE LOCATION. COORDINATE EXACT REQUIREMENTS WITH UTILITY COMPANY.
  - VERIFY MONUMENT SIGN LOCATION; CONTRACTOR SHALL COORDINATE WITH FINAL CIVIL DRAWINGS AND SIGN VENDOR PRIOR TO TRENCHING. PER CEC 600.6(A) SIGN DISCONNECT LOCATIONS: THE DISCONNECT SHALL BE LOCATED AT THE POINT THE FEEDER CIRCUIT OR BRANCH CIRCUIT(S) SUPPLYING A SIGN OR OUTLINE LIGHTING SYSTEM ENTERS A SIGN ENCLOSURE. THE DISCONNECTING MEANS SHALL BE WITHIN SIGHT OF THE SIGN OR OUTLINE LIGHTING SYSTEM THAT IT CONTROLS; WHERE NOT WITHIN SIGHT, THE DISCONNECTING MEANS SHALL BE LOCKABLE IN ACCORDANCE WITH 110.25.
  - NEW LIGHT POLE, BASE AND LIGHT FIXTURE. SEE SHEET ES112 FOR SPECIFICATION AND PHOTOMETRIC STUDY.
  - VERIFY FINAL LOCATION OF HOT BOX WITH CIVIL.
  - NOT USED.
  - (4) 1" CONDUITS UNDERGROUND TO MENU BOARD AND SPEAKER POST.
  - PROPOSED DIRECTIONAL SIGN LOCATION; CONTRACTOR SHALL COORDINATE WITH FINAL CIVIL DRAWINGS AND SIGN VENDOR PRIOR TO TRENCHING.
- ### GENERAL SITE PLAN NOTES
- CONDUIT RUNS ARE DIAGRAMMATICAL; CONTRACTOR TO RUN CONDUIT ALONG "PATH OF LEAST RESISTANCE". NO EXTRA FEES WILL BE PAID FOR ROCK BUSTING, UNLESS OWNER'S REPRESENTATIVE AGREES THERE IS NO OTHER PATH AVAILABLE.

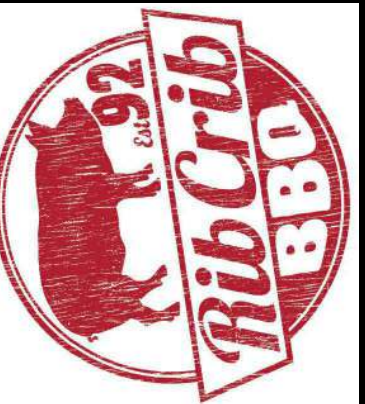


**1 ELECTRICAL SITE PLAN**  
ES111 SCALE: 1"=10'-0"

**FOR REFERENCE ONLY**

THIS DRAWING IS PROVIDED FOR REFERENCE ONLY AND IS NOT TO SCALE. ALL SYSTEMS SHALL MEET ALL APPLICABLE REQUIREMENTS OF STATE AND LOCAL CODES AND OTHER REQUIREMENTS AS SHOWN IN DESIGN DRAWINGS BY OTHERS.

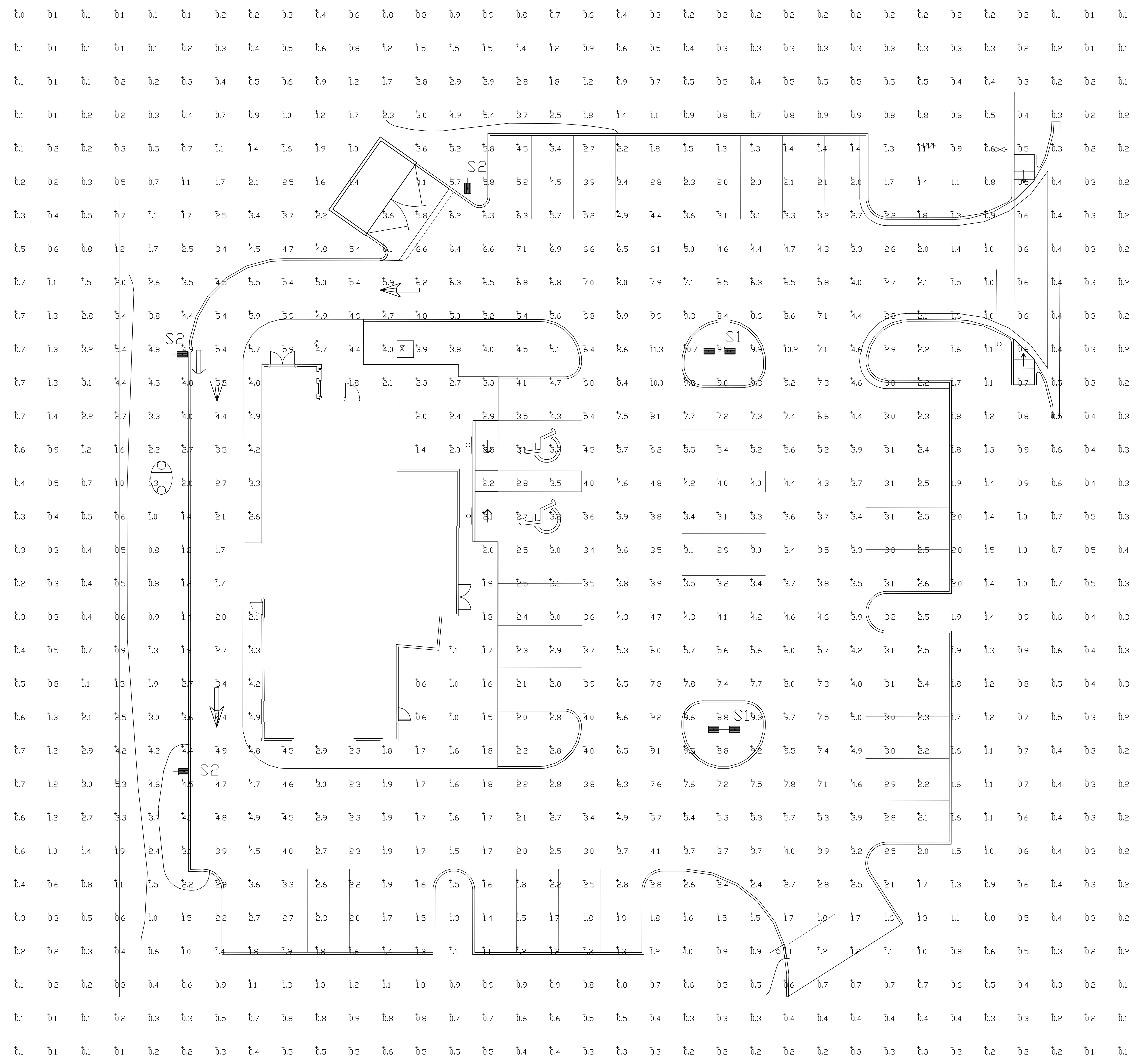
**RIB CRIB GEN 6 PROTOTYPE**  
 Location: GATEWAY CROSSING, CENTURION WAY  
 LAKE CITY, FLORIDA 32055  
 Drawing: SITE PHOTOMETRIC



| Revisions     |     |
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PROJECT DATE  
08/12/2022  
 Drawn By  
JP  
 Checked By  
JP  
 Sheet No.

**ES112**



| Luminaire Schedule |     |       |             |   |      |      |      |                  |            |
|--------------------|-----|-------|-------------|---|------|------|------|------------------|------------|
| Symbol             | Qty | Label | Arrangement | Description                                       | LLD  | LDD  | LLF  | Arr. Lum. Lumens | Arr. Watts |
| [Symbol]           | 2   | S1    | D180        | SLM-LED-24L-SIL-FT-40-70CRI-D180-24' POLE+2'BASE  | 1000 | 1000 | 1000 | 50994            | 352        |
| [Symbol]           | 3   | S2    | SINGLE      | SLM-LED-24L-SIL-FT-40-70CRI-SINGLE-24'POLE+2'BASE | 1000 | 1000 | 1000 | 25497            | 176        |

| Calculation Summary |             |       |      |      |     |         |
|---------------------|-------------|-------|------|------|-----|---------|
| Label               | CalcType    | Units | Avg  | Max  | Min | Max/Min |
| ALL CALC POINTS     | Illuminance | Fc    | 2.36 | 11.3 | 0.0 | N.A.    |
| INSIDE CURB         | Illuminance | Fc    | 4.14 | 11.3 | 1.0 | 4.14    |

VENDOR CONTACT:  
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 SHANNON AND ASSOCIATES  
 319-809-9247  
 A.TAPSCOTT@SHANNONANDASSOCIATES.COM

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