



Department of Public Works  
**Engineering Division**  
Robert F. Phillips, P.E., City Engineer

City-County Building, Room 115  
210 Martin Luther King, Jr. Boulevard  
Madison, Wisconsin 53703  
Phone: (608) 266-4751  
Fax: (608) 264-9275  
[engineering@cityofmadison.com](mailto:engineering@cityofmadison.com)  
[www.cityofmadison.com/engineering](http://www.cityofmadison.com/engineering)

**Assistant City Engineer**

Gregory T. Fries, P.E.  
Kathleen M. Cryan

**Principal Engineer 2**

Christopher J. Petykowski, P.E.  
John S. Fahrney, P.E.

**Principal Engineer 1**

Christina M. Bachmann, P.E.  
Eric L. Dundee, P.E.

**Facilities & Sustainability**

Jeanne E. Hoffman, Manager

**Mapping Section Manager**

Eric T. Pederson, P.S.

**Financial Manager**

Steven B. Danner-Rivers

November 22, 2017

**NOTICE OF ADDENDUM  
ADDENDUM NO. 2**

**CONTRACT NO. 8027, PROJECT NO. 17451  
MADISON FIRE STATION 14**

Revise and amend the contract document(s) for the above project as stated in this addendum, otherwise, the original document shall remain in effect.

This addendum consists of the following documents:

1. **GENERAL CONTRACT CONDITIONS**

Q1: Since this is a city project, will white sheet rates be in effect?

A1: No. Per State Statute 66.0903 enacted with the 2015-17 State Budget Bill we are no longer allowed to require Prevailing Wage on our local public works projects.

Q2: With the SBE requirements, I assume we can count WBE/DBE/MBE contractors as part of the SBE 8% requirement, correct?

A2: No, only certified SBE companies can count towards the 8% SBE goal.

2. **GENERAL QUESTIONS AND ANSWERS**

Q3: Can you provide the sign in sheet from the Pre Bid Site Walkthrough conducted on Wednesday November 15, 2017?

A3: The sign in sheet from the pre bid site walkthrough is attached.

Q4: Do you have a copy of the geothermal test bore for the fire station?

A4: Yes. It is summarized in the drawing set, sheet M402.

Q5: We are interested in bidding on the helical pile work for the Fire Station 14 project in Madison. Is there a geotechnical report that is available at this time? I did not see it in the bidding docs.

A5: The Helical Pier test bore starts on page 175 of Volume 1 of the Project Manual. Bore 6A was completed to get the data for the Helical Pier Design. All the bore and site work are on pages 8-204 of Volume 1. 00 31 00 summarizes the included documents.

Q6: At line 10-A there appears to be a column footing that has considerable loads listed next to it but no helical piles in the footing on sheet S002. Is this just an oversight and there

should be multiple piles or is the loading information in wrong area? Please clarify.

A6: The load is correct and there should be multiple piles at this location. Refer to Addenda #2 for additional information.

Q7: What will the working grade elevation be established for the auger cast pile contractors work, i.e. top of pile cap, bottom of pile cap, etc?

A7: Top of footing elevations can be found on S101.

Q8: Please indicate how many helical pile compression tests will be required. Helical Pile Specifications Section 312600 indicates that "Contractor shall perform the number of compression tests shown on the drawings". We are unable to locate this information on the structural drawings.

A8: Compression tests are not required. Refer to Addenda #2 for revised specification language. Per 312600 section 1.5, B, the contractor has the option to conduct a static load test to reduce the design factor of safety.

### 3. **SUBSTITUTION REQUESTS**

07 42 13 – Composite Wood Veneer Panels: Parklex is an APPROVED equal.

### 4. **SPECIFICATIONS**

Q9: On A102 there is a chain link fence shown, but there is no fencing spec. Is it your intention for the wire mesh partition spec to be used for this?

A9: The intention is to use wire mesh partition. Please refer to the specifications on 10 22 12 for wire mesh partitions. The callout on the drawings have been revised to match the specification section.

Q10: Can you clarify who pays for the permits on this project? There are conflicts in the spec. Section 108.2 on page D-4 of the city spec says the city pays for the permits, but section 1.2 of spec 00 31 46-1 says contractor pays for fees.

A10: Section D is correct. Intent is for contractor to be responsible for applying for permits, but have City pay the fees. 01 31 46 has been updated to reflect this.

### 5. **DRAWINGS**

Q11: My steel supplier is wondering if you can provide some top of steel elevations on the structural plans as there are none shown. It would be helpful to get some elevations at least at lines 1, 8, and 15 and they can interpolate the rest.

A11: We have provided top of deck elevation at two locations and a distance between them so the slope can be calculated. We provided information in this manner since we have two different deck thickness on the project and the intent is for the top of deck to align. We are more than happy to work with the successful bidder to answer any questions they have while detailing, but feel that the information provided is sufficient.

Q12: On L151 there is a trash enclosure shown, but there are no notes on the construction type. Please provide a detail on the gates, walls, and slab.

A12: Drawings have been updated to include drawings and details regarding the construction of the trash enclosure. See Sheet A221 – Trash Enclosure for additional information.

Q13: On C202, are clearing and grubbing limits the same as the grading limits? It is unclear what the expectation for clearing and grubbing is outside of the grading limits, especially along Femrite Drive. What kind of grading is occurring inside of the grading limits?

A13: Yes, the clearing and grubbing limits are the same as the grading limits. The contractor is responsible for the removal of all woody vegetation (except those trees noted as to be kept) to be removed within the clearing and grubbing limits. No clearing and grubbing will be done outside of the grading limits along Femrite Drive. The proposed grading activities that occur within the grading limits are shown on sheet C200 and include filling an old foundation area, smoothing out some rough areas, building construction, and the creation of a berm and swale along the wetland.

Q14: On C202, what kind of grading is occurring inside of the grading limits?

A14: Sheet C202 shows the berm and swale along the wetland, the grading necessary for the building construction, and the filling and smoothing out of an old foundation.

Changes, revisions and additions to the construction documents have been clouded for convenience. These updates include:

- C201** – REVISED concrete hatching to be consistent with legend
- C202** – REVISED fine grading around portion of building exterior per DSPS review comments
- A002** – ADDED information regarding insulation COMcheck calculation and STC ratings for assembly types
- A003** – REVISE the classification for Men’s and Women’s restrooms, 20 min rating for assemblies and additional DSPS Code review clarifications
- A101** – REVISED floor plan changes include: Revising Unisex 135 and LT shower 124 to be accessible per DSPS review, ADDED bench in Locker Room 134, CLARIFIED door swing of folding partition door and REVISED washer and dryer configuration under staircase.
- A101.A** – ADDED Knox Box near EXT-02
- A101.B** – See revisions outlined above for sheet A101
- A102** – REVISED layout of chain-link fence and ADDED plywood shelving
- A141** – REVISED location of secondary photovoltaic location
- A201** – REVISED overhead door configuration on east elevation
- A210** – See revisions outlined above for sheet A101
- A211** – REVISED overhead door configuration on east elevation
- A221** – ADDED sheet to provide details regarding trash enclosure
- A311** – REVISED slab edge detail
- A312** – REVISED slab edge detail
- A313** – REVISED slab edge detail
- A314** – REVISED slab edge detail
- A403** – REVISED kitchen cabinet layout
- A404** – REVISED bathroom interior elevations and updated bathroom fixtures
- A501** – REVISED office furniture in LT office and Small Meeting Rooms
- A601** – REVISED room finish schedule and ADDED schedule remarks

- A602** – REVISED overhead door configuration, REVISED folding accordion door configuration, ADDED door hardware sets column to door schedule
- P500** – REVISED plumbing material list items per attached revised drawing.
- EL101** - ADDED gooseneck fixture to illuminate the badge.
- EP101** - REVISED monitor outlet location in Lieutenant Office.
- E300** – ADDED gooseneck fixture to the luminaire schedule.
- S002** – ADDED foundation loads and piles for operable wall. Revise piles along grid line A. Refer to attached revised drawing.
- S101** - ADDED foundations for operable wall. Revise footing size at grid A/10. Refer to attached revised drawing.
- S102** - ADDED framing for operable wall. Refer to attached revised drawing.
- S103** – ADDED framing for operable wall. Add load information for safety tie-off points. Revise framing for safety tie-off supports. Refer to attached revised drawing.
- S301** - ADDED note to detail 7. Refer to attached revised drawing.
- S502** - ADDED details 15, 16 and 17. Refer to attached revised drawing.

6. **PROPOSAL**

No Change

Please attach these Addendum documents to the Drawings and Project manual in your possession.

Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on the Bid Express web site at:

<http://www.bidexpress.com>

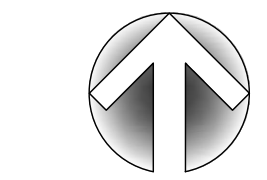
If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 receive the material by another route.

Sincerely,

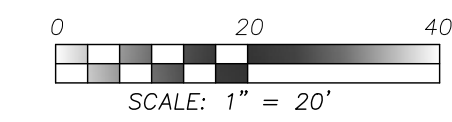
A handwritten signature in black ink that reads "Robert Phillips". The signature is written in a cursive style with large, flowing loops.

Robert F. Phillips, P.E., City Engineer

Cc: Greg Fries, Kathy Cryan



NORTH



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN  
**CALL DIGGERS HOTLINE**  
1-800-242-8511  
TOLL FREE  
WS. STATUTE 182.0175 (1974)  
REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

301 N BROOM STREET #100  
MADISON, WI 53703  
608-819-0260 PHONE  
www.opnarchitects.com  
opn@opnarchitects.com

All reports, plans, specifications, computer files, field data, notes and other documents and instruments prepared by OPN Architects, Inc. are instruments of service that remain the property of OPN Architects, Inc. OPN Architects, Inc. shall retain all common law, statutory and other reserved rights, including the copyright therein.  
© 2017 OPN Architects, Inc.

Owner:  
**City of Madison Fire Department**  
314 W. Dayton St.  
Madison, WI 53703

Project:  
**Madison Fire Station 14**  
3201 Dairy Drive  
Madison, WI 53718

Civil Engineer:  
**Snyder & Associates, Inc.**  
5010 Voges Rd  
Madison, WI 53718  
P. 608-638-0444

Structural Engineer:  
**IMEG**  
1800 Deming Way #200  
Middleton, WI 53562  
P. 608-223-0444

Mechanical Engineer:  
**IMEG**  
1800 Deming Way #200  
Middleton, WI 53562  
P. 608-223-0444

Electrical Engineer:  
**IMEG**  
1800 Deming Way #200  
Middleton, WI 53562  
P. 608-223-0444

LEGEND

- PROPOSED CONCRETE SIDEWALK
- PROPOSED HEAVY DUTY CONCRETE PAVEMENT
- PROPOSED BIORETENTION AREA
- PROPOSED PERMEABLE PAVEMENT
- PROPOSED LANDSCAPE AREA REFERENCE L SHEETS
- PROPOSED BUILDING
- PROPOSED TRENCH DRAIN
- PROPOSED LIGHT POLE LOCATION

NOTES:

1. ALL DIMENSIONS ARE FROM FACE OF CURB TO FACE OF CURB.
2. MADISON FIRE STATION 14  
3201 DAIRY DRIVE  
MADISON, WI, 53718
3. WHEN WORKING IN THE RIGHT OF WAY, ALL CITY OF MADISON PATCHING CRITERIA FOR SIDEWALK, CURB & GUTTER AND PAVEMENT SHALL BE FOLLOWED AT ALL TIMES
4. SITE LIGHTING LOCATIONS ARE FOR REFERENCE ONLY. EXACT LOCATION OF LIGHTING FIXTURES SHALL BE FIELD DETERMINED BY SITE ELECTRICAL CONTRACTOR.
5. ALL PAVEMENT MARKINGS SHALL BE 4" WIDTH AND YELLOW IN COLOR.
6. THE RIGHT OF WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANYTIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.

SITE DATA

ZONING DISTRICT: SE SUBURBAN EMPLOYMENT DISTRICT

TOTAL SITE AREA: 481,950 SF

PRO. IMPERVIOUS: 45,218 SF

PRO. PERMEABLE PAVEMENT: 4,558 SF

PROPOSED GREEN AREA: 427,616 SF

**PARKING REQUIREMENTS**

PARKING PROVIDED = 29

BICYCLE PARKING PROVIDED = 10

PER CODE, FOR 26-50 TOTAL PARKING STALLS  
2 HANDICAP PARKING STALLS MUST BE PROVIDED

2 HANDICAP PARKING STALLS ARE SHOWN ON PLAN

**BUILDING SETBACKS**

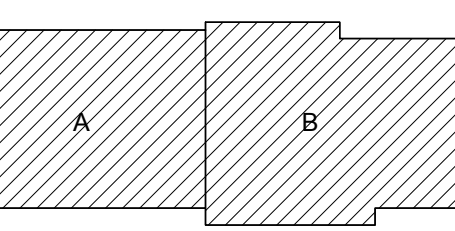
FRONT = NONE

REAR = 20'

SIDE YARD = ONE STORY 5'  
TWO STORY 6'

MAX LOT COVERAGE = 85%

Key Plan



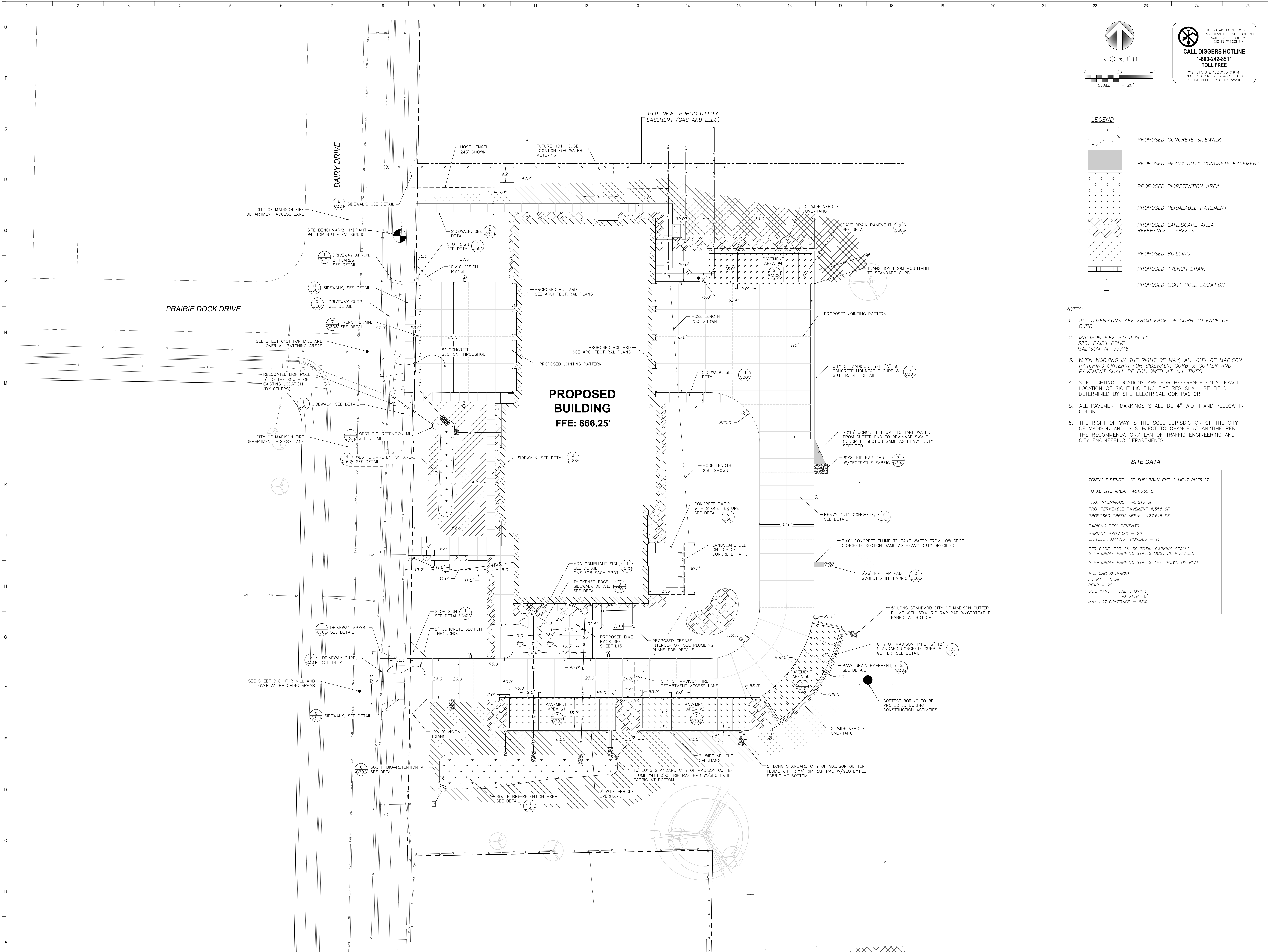
Sheet Issue Date  
**BID DOCUMENTS** 11/03/17

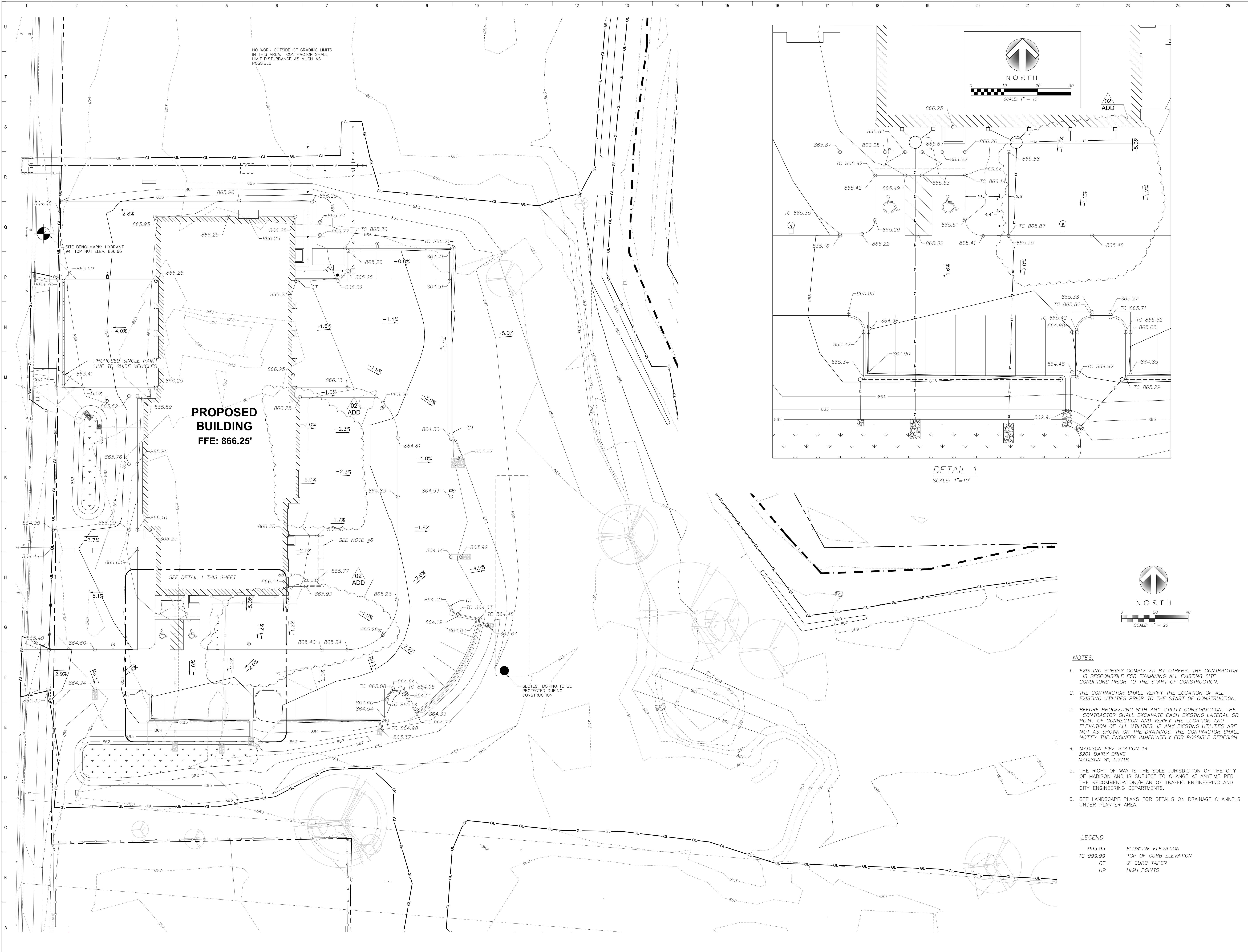
Revision \_\_\_\_\_ Date \_\_\_\_\_

BID DOCUMENTS

Drawing  
**Site Plan**

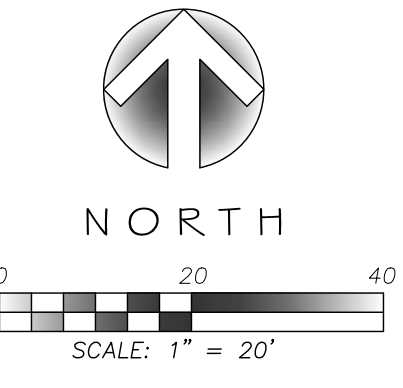
City of Madison Contract No. 8027  
OPN Project No. 1720700





**PROPOSED BUILDING**  
FFE: 866.25'

**DETAIL 1**  
SCALE: 1"=10'



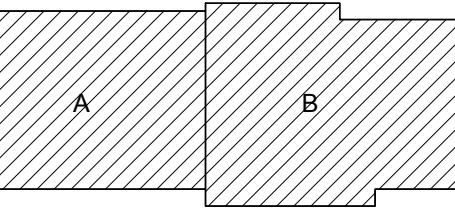
**NOTES:**

- EXISTING SURVEY COMPLETED BY OTHERS. THE CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL EXISTING SITE CONDITIONS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.
- BEFORE PROCEEDING WITH ANY UTILITY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE EACH EXISTING LATERAL OR POINT OF CONNECTION AND VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES. IF ANY EXISTING UTILITIES ARE NOT AS SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY FOR POSSIBLE REDESIGN.
- MADISON FIRE STATION 14  
3201 DAIRY DRIVE  
MADISON WI, 53718
- THE RIGHT OF WAY IS THE SOLE JURISDICTION OF THE CITY OF MADISON AND IS SUBJECT TO CHANGE AT ANYTIME PER THE RECOMMENDATION/PLAN OF TRAFFIC ENGINEERING AND CITY ENGINEERING DEPARTMENTS.
- SEE LANDSCAPE PLANS FOR DETAILS ON DRAINAGE CHANNELS UNDER PLANTER AREA.

**LEGEND**

- 999.99 FLOWLINE ELEVATION
- TC 999.99 TOP OF CURB ELEVATION
- CT 2' CURB TAPER
- HP HIGH POINTS

Key Plan



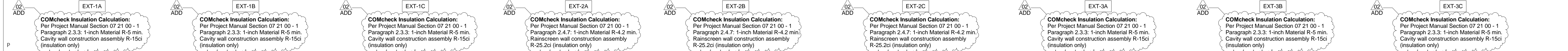
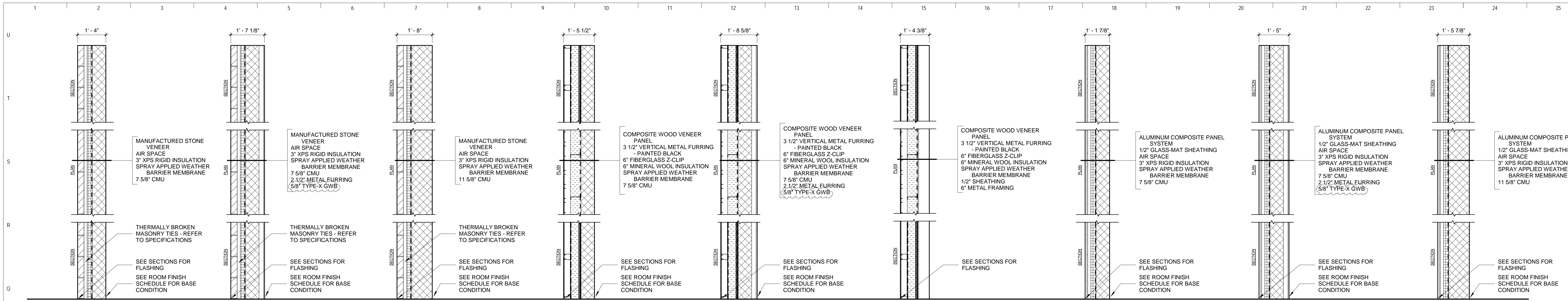
Sheet Issue Date  
**BID DOCUMENTS** 11/03/17

Revision Date  
ADDCENR #2 11/02/17

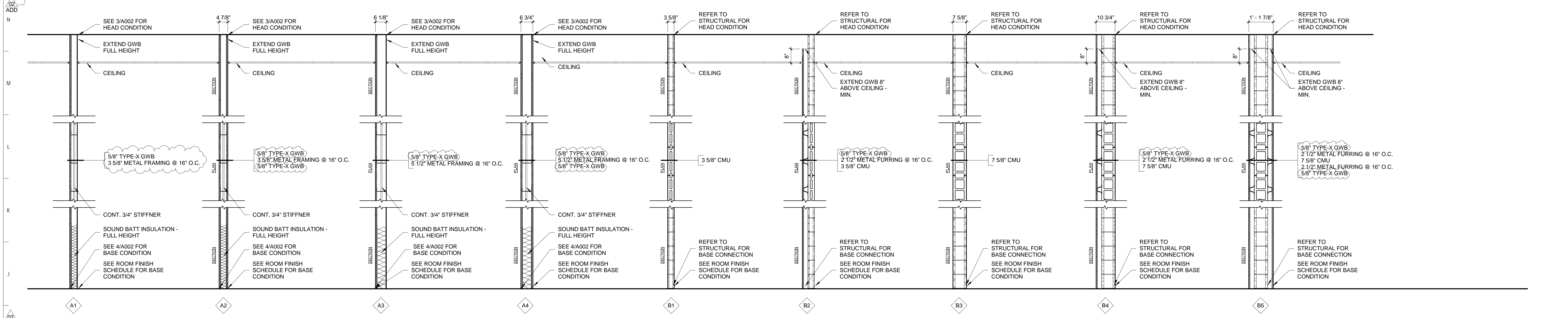
**BID DOCUMENTS**

Drawing  
**Site Grading Plan**

City of Madison Contract No. 8027  
OPN Project No. 1720700



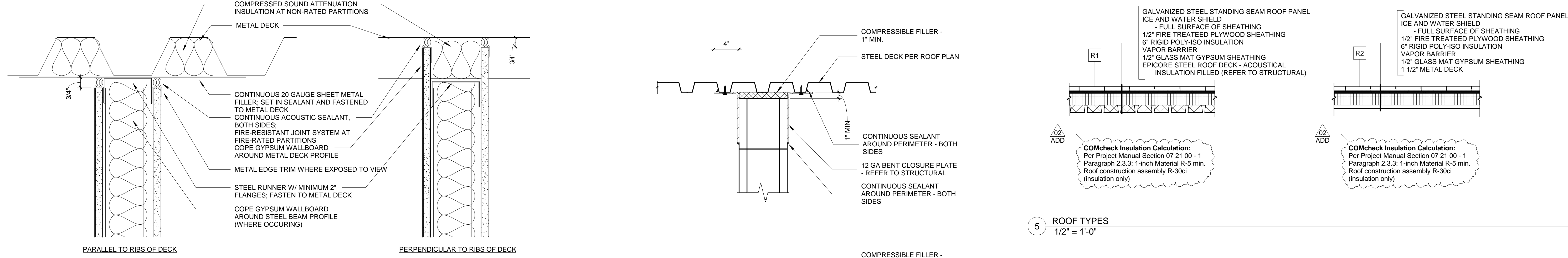
**1 WALL TYPES - EXTERIOR**  
1/2" = 1'-0"



**2 WALL TYPES - INTERIOR**  
1/2" = 1'-0"

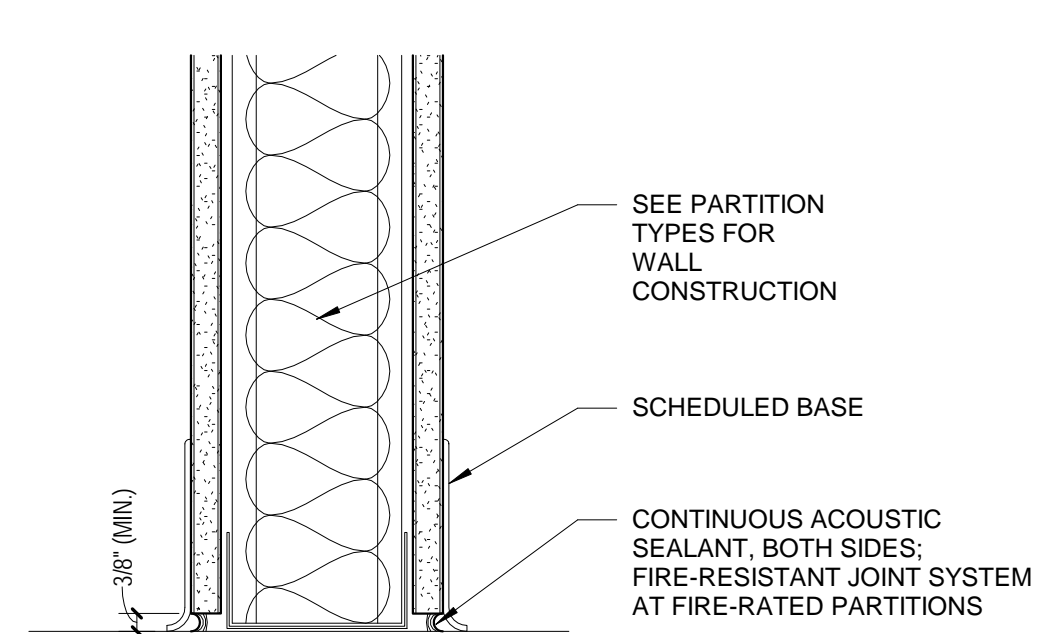
FIRE RATED WALL LEGEND			
WALLTYPE	FIRE RATING	STC RATING	UL NUMBER
A1	--	--	N/A
A2	1 HR	51	U419
A3	--	--	N/A
A4	1 HR	51	U419
B1	1 HR	40	U905
B2	1 HR	45.8	U905
B3	1 HR	55	U905
B4	1 HR	60.8	U905
B5	1 HR	61.2	U905

**GENERAL NOTES**  
1. REFER TO CODE PLANS ON A003 FOR FIRE RATED ASSEMBLY LOCATIONS AND RATING REQUIREMENTS



**5 ROOF TYPES**  
1/2" = 1'-0"

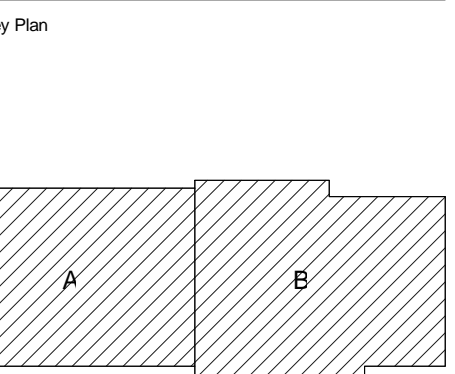
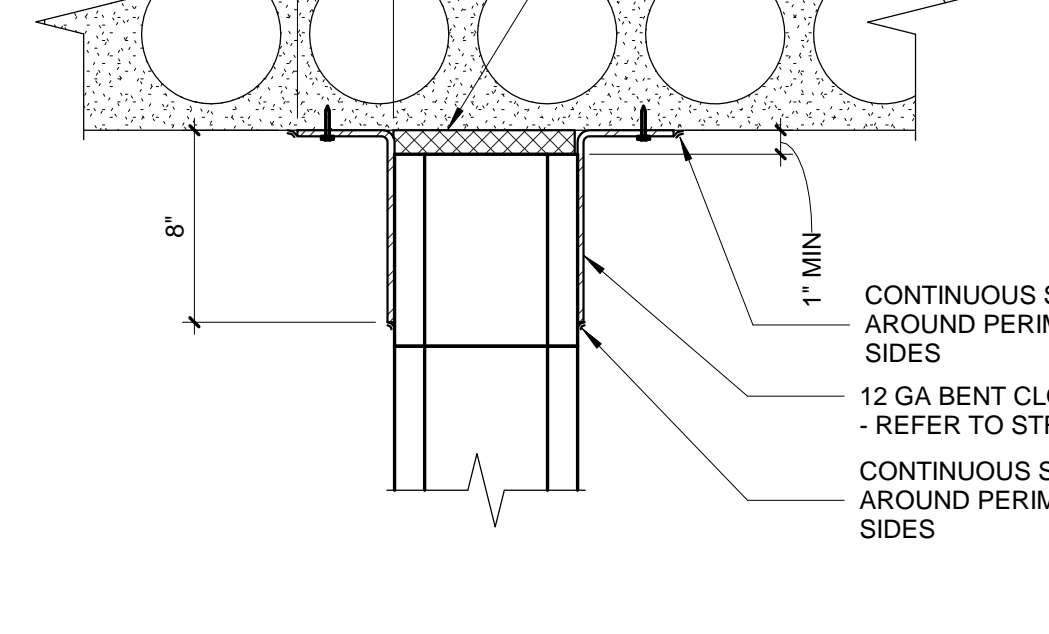
**3 TYPICAL HEADS AT METAL STUD PARTITIONS**  
3" = 1'-0"



**4 TYPICAL BASE AT METAL STUD PARTITIONS**  
3" = 1'-0"

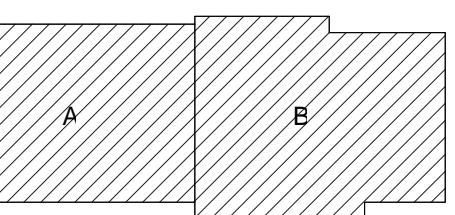


**6 TYPICAL HEADS AT CMU PARTITIONS**  
1 1/2" = 1'-0"

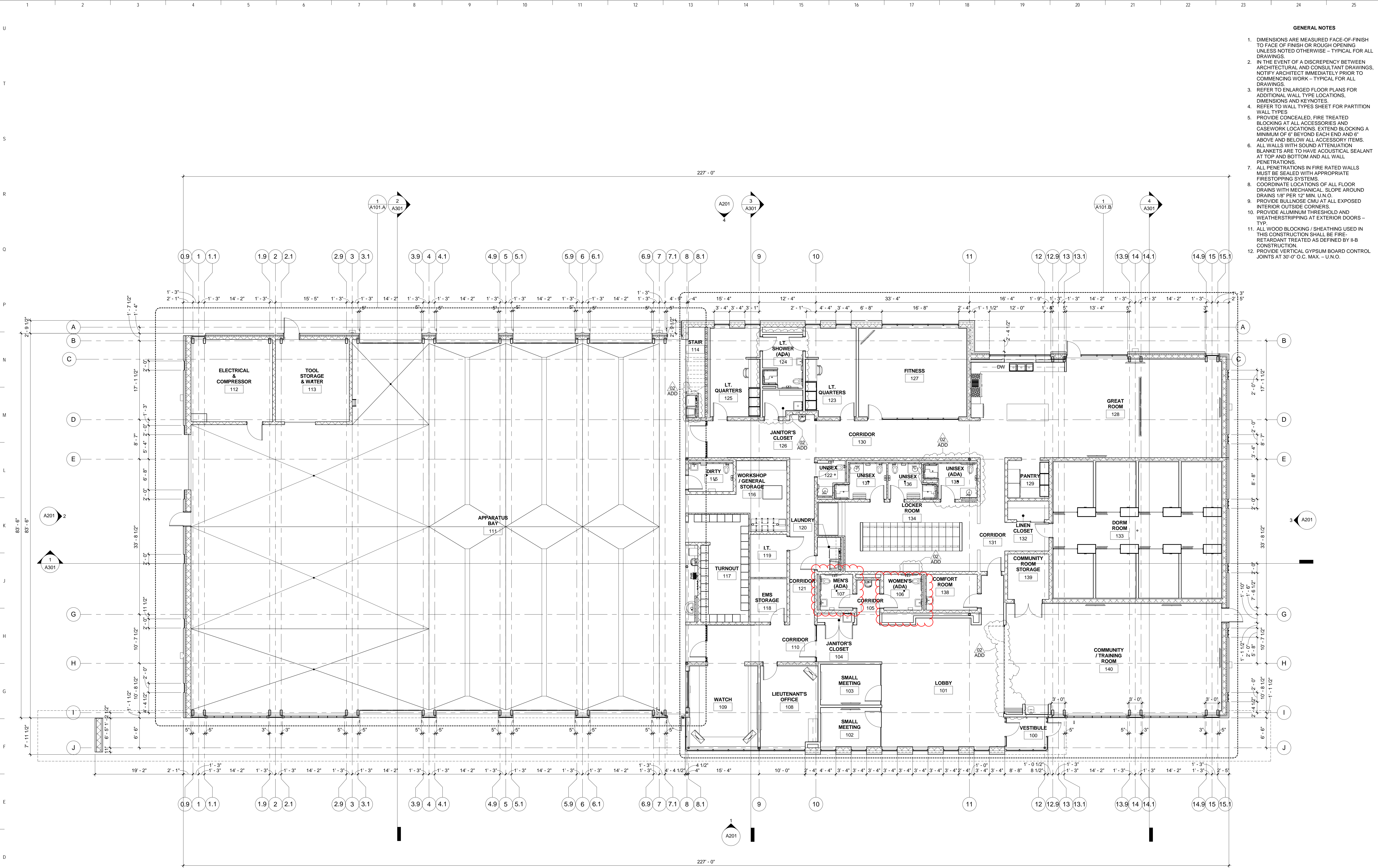








- GENERAL NOTES**
- DIMENSIONS ARE MEASURED FACE-OF-FINISH TO FACE OF FINISH OR ROUGH OPENING UNLESS NOTED OTHERWISE - TYPICAL FOR ALL DRAWINGS.
  - IN THE EVENT OF A DISCREPANCY BETWEEN ARCHITECTURAL AND CONSULTANT DRAWINGS, NOTIFY ARCHITECT IMMEDIATELY PRIOR TO COMMENCING WORK - TYPICAL FOR ALL DRAWINGS.
  - REFER TO ENLARGED FLOOR PLANS FOR ADDITIONAL WALL TYPE LOCATIONS, DIMENSIONS AND KEYNOTES.
  - REFER TO WALL TYPES SHEET FOR PARTITION WALL TYPES.
  - PROVIDE CONCEALED, FIRE TREATED BLOCKING AT ALL ACCESSORIES AND CASEWORK LOCATIONS. EXTEND BLOCKING A MINIMUM OF 6" BEYOND EACH END AND 6" ABOVE AND BELOW ALL ACCESSORY ITEMS.
  - ALL WALLS WITH SOUND ATTENUATION BLANKETS ARE TO HAVE ACOUSTICAL SEALANT AT TOP AND BOTTOM AND ALL WALL PENETRATIONS.
  - ALL PENETRATIONS IN FIRE RATED WALLS MUST BE SEALED WITH APPROPRIATE FIRESTOPPING SYSTEMS.
  - COORDINATE LOCATIONS OF ALL FLOOR DRAINS WITH MECHANICAL. SLOPE AROUND DRAINS 1/8" PER 12" MIN. U.N.O.
  - PROVIDE BULLNOSE CMU AT ALL EXPOSED INTERIOR OUTSIDE CORNERS.
  - PROVIDE ALUMINUM THRESHOLD AND WEATHERSTRIPPING AT EXTERIOR DOORS - TYP.
  - ALL WOOD BLOCKING / SHEATHING USED IN THIS CONSTRUCTION SHALL BE FIRE-RETARDANT TREATED AS DEFINED BY I-B CONSTRUCTION.
  - PROVIDE VERTICAL GYPSUM BOARD CONTROL JOINTS AT 30'-0" O.C. MAX. - U.N.O.



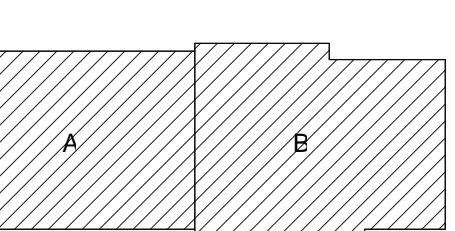
1 LEVEL 1 FLOOR PLAN AREA A  
1/8" = 1'-0"

- GENERAL NOTES**
- DIMENSIONS ARE MEASURED FACE-OF-FINISH TO FACE OF FINISH OR ROUGH OPENING UNLESS NOTED OTHERWISE - TYPICAL FOR ALL DRAWINGS.
  - IN THE EVENT OF A DISCREPANCY BETWEEN ARCHITECTURAL AND CONSULTANT DRAWINGS, NOTIFY ARCHITECT IMMEDIATELY PRIOR TO COMMENCING WORK - TYPICAL FOR ALL DRAWINGS.
  - REFER TO ENLARGED FLOOR PLANS FOR ADDITIONAL WALL TYPE LOCATIONS, DIMENSIONS AND KEYNOTES.
  - REFER TO WALL TYPES SHEET FOR PARTITION WALL TYPES.
  - PROVIDE CONCEALED FIRE TREATED BLOCKING AT ALL ACCESSORIES AND CASEWORK LOCATIONS. EXTEND BLOCKING A MINIMUM OF 6" BEYOND EACH END AND 6" ABOVE AND BELOW ALL ACCESSORY ITEMS. ALL WALLS WITH SOUND ATTENUATION BLANKETS ARE TO HAVE ACOUSTICAL SEALANT AT TOP AND BOTTOM AND ALL WALL PENETRATIONS.
  - ALL PENETRATIONS IN FIRE RATED WALLS MUST BE SEALED WITH APPROPRIATE FIRESTOPPING SYSTEMS.
  - COORDINATE LOCATIONS OF ALL FLOOR DRAINS WITH MECHANICAL SLOPE AROUND DRAINS 1/8" PER 12" MIN. U.N.O.
  - PROVIDE BULLNOSE CMU AT ALL EXPOSED INTERIOR OUTSIDE CORNERS.
  - PROVIDE ALUMINUM THRESHOLD AND WEATHERSTRIPPING AT EXTERIOR DOORS - TYP.
  - ALL WOOD BLOCKING / SHEATHING USED IN THIS CONSTRUCTION SHALL BE FIRE RETARDANT TREATED AS DEFINED BY I-B CONSTRUCTION.
  - PROVIDE VERTICAL GYPSUM BOARD CONTROL JOINTS AT 30'-0" O.C. MAX. - U.N.O.

**FLOOR PLAN LEVEL 1 KEYNOTES**

- |    |   |
|----|---|
| 1  | MARKER BOARD  |
| 2  | MAP AREA  |
| 3  | CENTER WALL ON MULLION  |
| 4  | TACKBOARD   |
| 5  | TURN OUT GEAR LOCKERS - OFCI. REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS   |
| 6  | FLOOR DRAIN   |
| 7  | 7" FLOOR TRENCH DRAIN - SET FLUSH WITH FLOOR. FLOOR TO PITCH TOWARD DRAIN AT 1/4" / 1'-0" (MIN)   |
| 8  | WALL MOUNTED HOSE REEL  |
| 9  | MONITOR - REFER TO TECHNOLOGY DRAWINGS AND INTERIOR ELEVATIONS FOR SIZING AND MOUNTING INFORMATION. PROVIDE BLOCKING AS REQUIRED.   |
| 10 | (3) 24" DEEP PANTRY UNITS - REFER TO CASEWORK DETAILS FOR ADDITIONAL INFORMATION.   |
| 11 | CONCRETE FILLED PIPE BOLLARD  |
| 12 | SEM-RECESSED FIRE EXTINGUISHER CABINET AND STANDARD EXTINGUISHER  |
| 13 | 24" DEEP CABINET AT SINK  |
| 14 | RANGE - O.F.C.I.  |
| 15 | REFRIGERATOR - O.F.C.I.   |
| 16 | DISHWASHER - O.F.C.I.   |
| 17 | 1/2" PLYWOOD UNDER GYP - ENTIRE WALL  |
| 18 | GRAB BARS - 36" HORIZONTAL BEHIND TOILET, 42" HORIZONTAL AND 18" VERTICAL ADJACENT TO TOILET. PROVIDE BLOCKING AS REQUIRED. REFER TO GENERAL INFORMATION DRAWINGS FOR ADDITIONAL INFORMATION. |
| 19 | DOUBLE ROLL TOILET DISPENSER - O.F.C.I. PROVIDE BLOCKING AS REQUIRED.   |
| 20 | HAND TOWEL DISPENSER - O.F.C.I. PROVIDE BLOCKING AS REQUIRED.   |
| 21 | FRAMELESS MIRROR 24" X 48" W/ STAINLESS STEEL CLIPS FASTENERS   |
| 22 | WALL MOUNTED SOAP DISPENSER - O.F.C.I. PROVIDE BLOCKING AS REQUIRED.  |
| 23 | COAT HOOK   |
| 24 | SHOWER - SOLID SURFACE SHOWER BASIN, SOLID SURFACE SHOWER WALLS   |
| 25 | SHOWER TRANSFER ACCESSIBLE FOLDING SEAT   |
| 26 | FOLDING SEAT  |
| 27 | WALL MOUNTED LADDER HANGERS   |
| 28 | MOP SINK - REFER TO PLUMBING FOR ADDITIONAL INFORMATION.  |
| 29 | INDOOR CATCH BASIN - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.   |
| 30 | MOP / BROOM HOLDER - WALL MOUNTED. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.   |
| 31 | CUBICLE CURTAIN AND CEILING MOUNTED TRACK   |
| 32 | HVAC EQUIPMENT - REFER TO MECHANICAL DRAWINGS.  |
| 33 | WALL MOUNTED OSCILLATING FAN. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.  |
| 34 | RECESSED SLAB. REFER TO ROOM FINISH SCHEDULE.   |
| 35 | BUILDING SIGNAGE  |
| 36 | DASHED LINE INDICATES EXTERIOR SOFFIT ABOVE.  |
| 37 | DASHED LINE INDICATES CANOPY STRUCTURE ABOVE.   |
| 38 | ELECTRICAL EQUIPMENT - REFER TO ELECTRICAL FOR ADDITIONAL INFORMATION.  |
| 39 | CASEWORK - REFER TO ELEVATIONS AND DETAILS.   |
| 40 | REINFORCED CONCRETE FROST STOOP - REFER TO STRUCTURAL.  |
| 41 | ADJUSTABLE SHELVES  |
| 42 | WATER FOUNTAIN/BOTTLE FILLER STATION  |
| 44 | PERSONAL STORAGE LOCKERS  |
| 45 | COMMERCIAL WASHER   |
| 46 | COMMERCIAL DRYER  |
| 47 | PUSH BUTTON BOLLARD FOR DOOR  |
| 48 | PUSH BUTTON   |
| 49 | DASHED LINE INDICATES HOOD  |
| 50 | GALVANIZED STEEL DOWNSPOUT  |
| 51 | CEILING MOUNTED MONITOR   |
| 52 | ICE MACHINE   |
| 53 | RADIANT PANEL. REFER TO MECHANICAL DRAWINGS.  |
| 54 | INTERIOR DOOR - THERMALLY BROKEN ALUMINUM STOREFRONT WINDOW SYSTEM, 1" INSULATED GLASS UNITS, WEATHER STRIPPING AND DOOR THRESHOLD.   |
| 55 | INTERIOR WINDOW - THERMALLY BROKEN ALUMINUM STOREFRONT WINDOW SYSTEM, 1" INSULATED GLASS UNIT   |
| 56 | WIRE BRUSH GROMMET  |
| 57 | EMERGENCY EYEWASH STATION   |
| 58 | 4" CONCRETE HOUSEKEEPING PAD / UNDERSTAIR CANE DETECTION  |
| 59 | WALL MOUNTED ACCESSIBLE LOCKER ROOM BENCH (42" X 20")   |
| 60 | HAND TOWEL DISPENSERS - OFCI  |
| 61 | SURFACE MOUNTED KNOX BOX  |
| 62 | HAND DRYER - OFCI   |

**Key Plan**



Sheet Issue Date  
**BID DOCUMENTS** 11/03/17

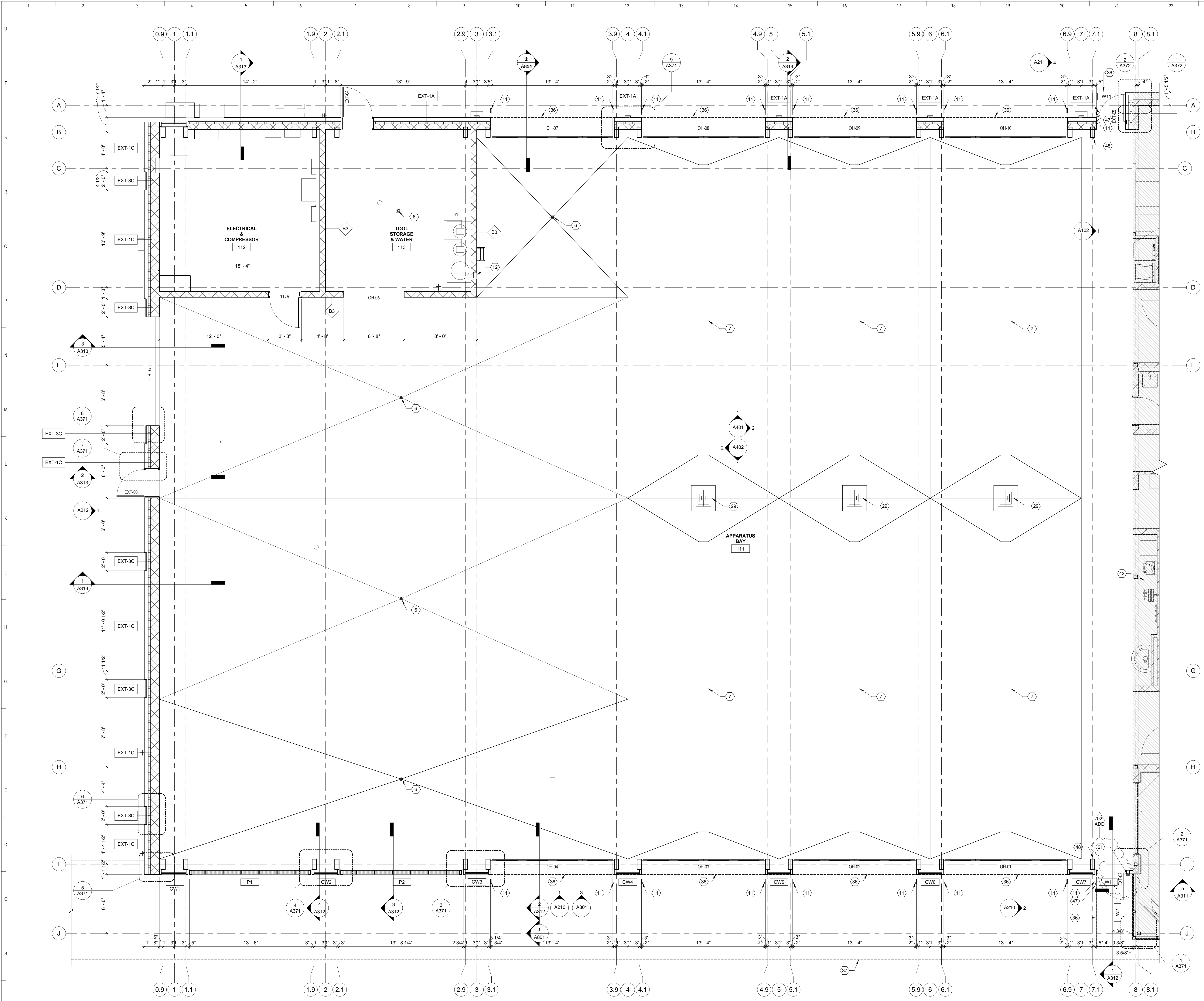
Revision Date  
ADDENDA 02 11/20/17

**BID DOCUMENTS**

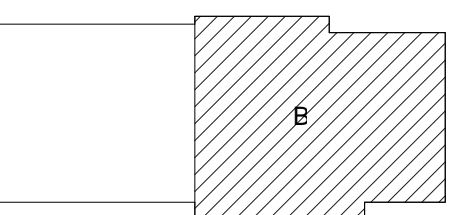
Drawing  
**FLOOR PLAN LEVEL 1.A**

City of Madison Contract No. 8027  
OPN Project No. 1720700

**A101.A**



**1 LEVEL 1 FLOOR PLAN AREA A**  
1/4" = 1'-0"

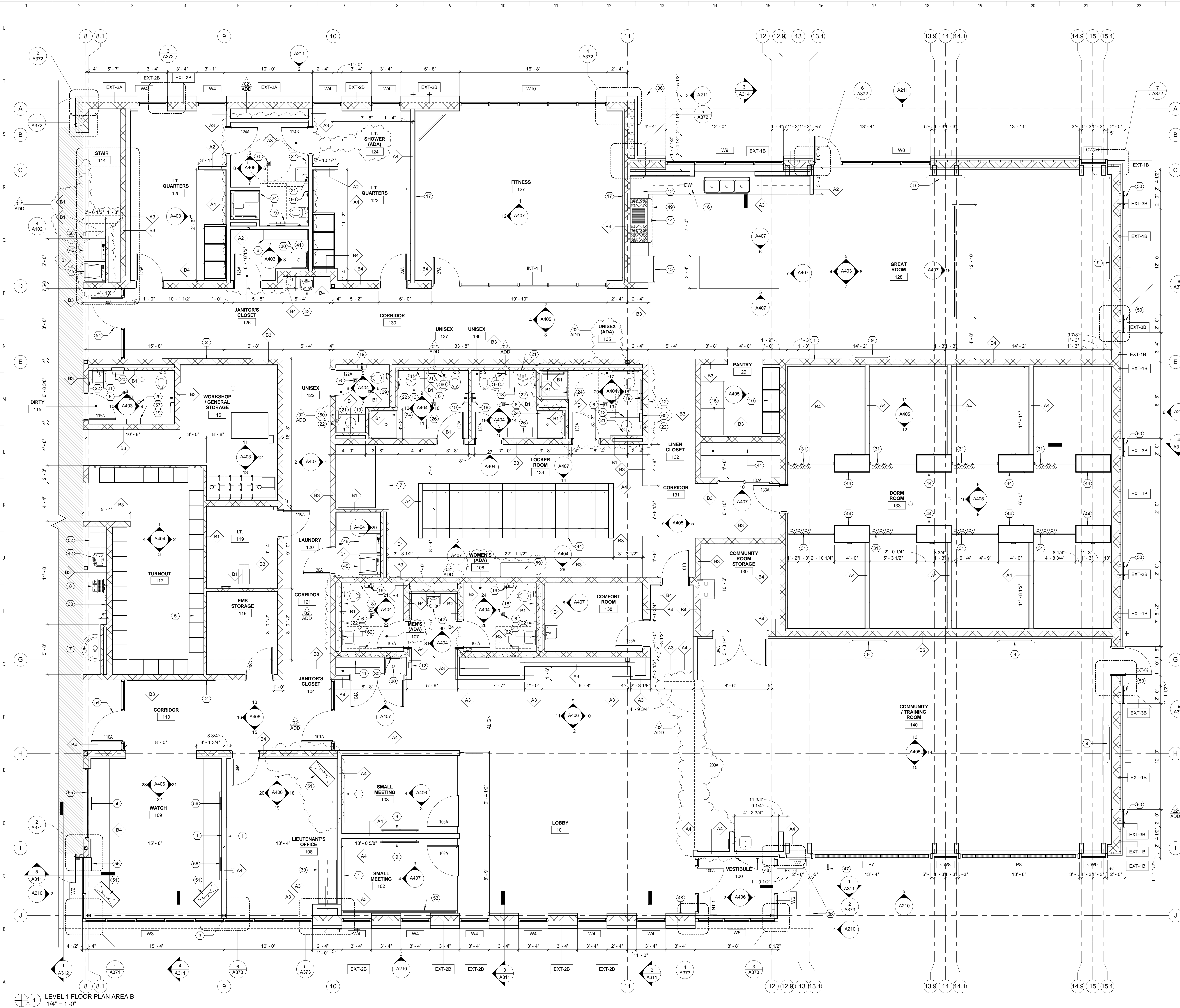


**GENERAL NOTES**

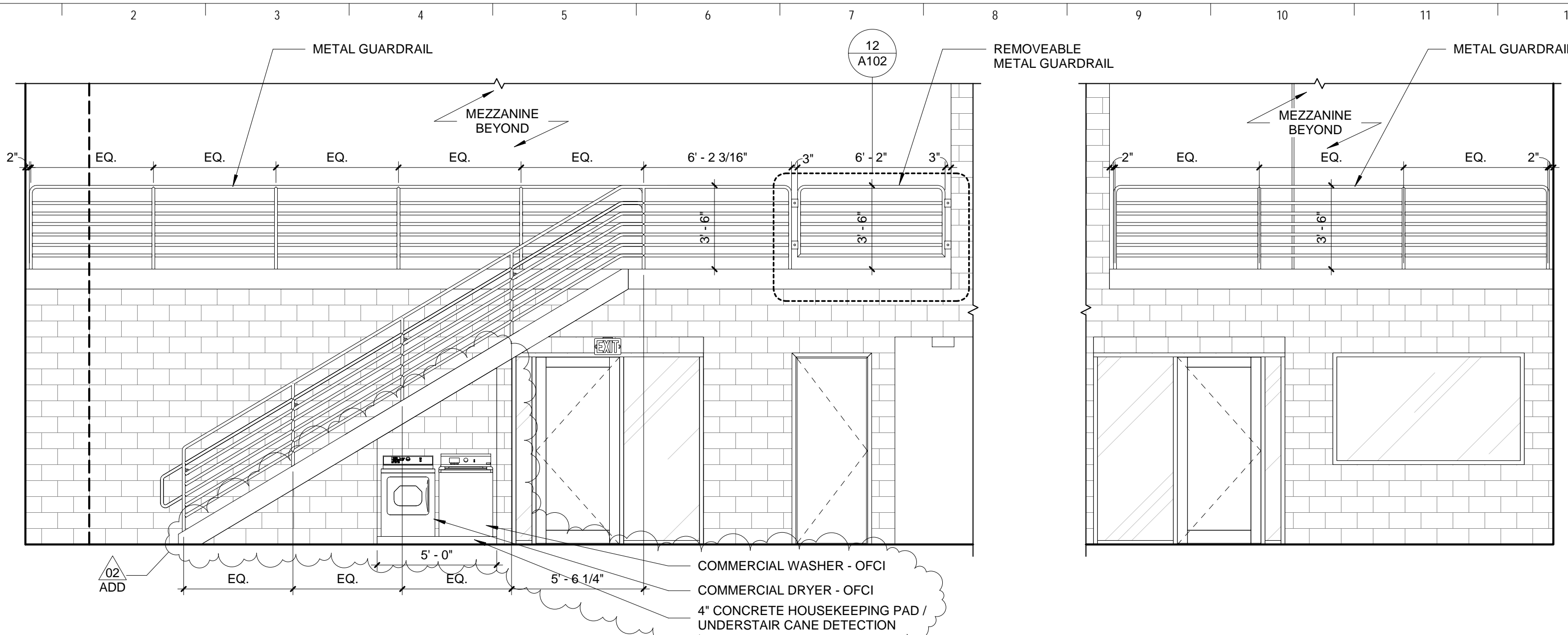
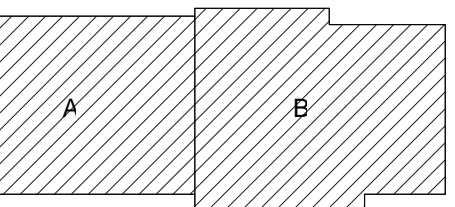
- DIMENSIONS ARE MEASURED FACE-OF-FINISH TO FACE OF FINISH OR ROUGH OPENING UNLESS NOTED OTHERWISE - TYPICAL FOR ALL DRAWINGS.
- IN THE EVENT OF A DISCREPANCY BETWEEN ARCHITECTURAL AND CONSULTANT DRAWINGS, NOTIFY ARCHITECT IMMEDIATELY PRIOR TO COMMENCING WORK - TYPICAL FOR ALL DRAWINGS.
- REFER TO ENLARGED FLOOR PLANS FOR ADDITIONAL WALL TYPE LOCATIONS, DIMENSIONS AND KEYNOTES.
- REFER TO WALL TYPES SHEET FOR PARTITION WALL TYPES.
- PROVIDE CONCEALED, FIRE TREATED BLOCKING AT ALL ACCESSORIES AND CASEWORK LOCATIONS. EXTEND BLOCKING A MINIMUM OF 6" BEYOND EACH END AND 6" ABOVE AND BELOW ALL ACCESSORY ITEMS. ALL WALLS WITH SOUND ATTENUATION BLANKETS ARE TO HAVE ACOUSTICAL SEALANT AT TOP AND BOTTOM AND ALL WALL PENETRATIONS.
- ALL PENETRATIONS IN FIRE RATED WALLS MUST BE SEALED WITH APPROPRIATE FIRE STOPPING SYSTEMS.
- COORDINATE LOCATIONS OF ALL FLOOR DRAINS WITH MECHANICAL. SLOPE AROUND DRAINS 1/8" PER 12" MIN. U.N.O.
- PROVIDE BULLNOSE CMU AT ALL EXPOSED INTERIOR OUTSIDE CORNERS.
- PROVIDE ALUMINUM THRESHOLD AND WEATHERSTRIPPING AT EXTERIOR DOORS - TYP.
- ALL WOOD BLOCKING / SHEATHING USED IN THIS CONSTRUCTION SHALL BE FIRE-RETARDANT TREATED AS DEFINED BY I-B CONSTRUCTION.
- PROVIDE VERTICAL GYPSUM BOARD CONTROL JOINTS AT 30'-0" O.C. MAX. - U.N.O.

**FLOOR PLAN LEVEL 1 KEYNOTES**

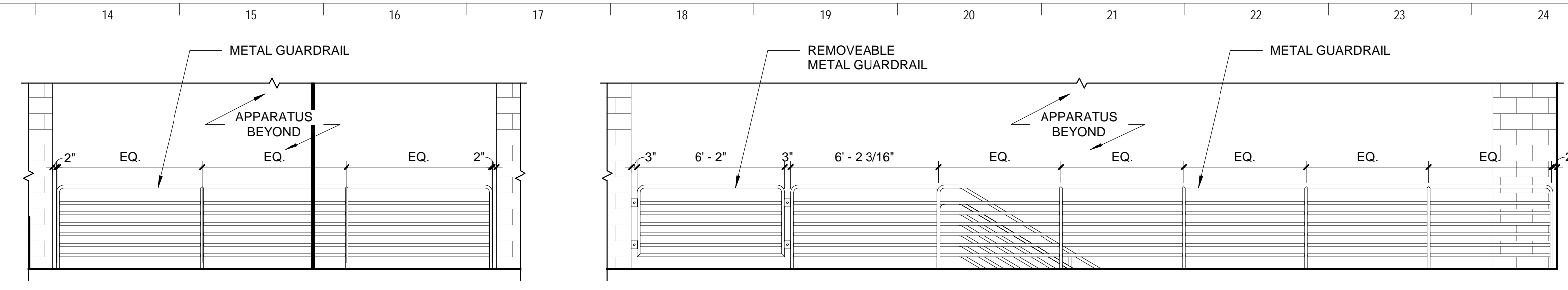
- MARKER BOARD
- MAP AREA
- CENTER WALL ON MULLION
- TACKBOARD
- TURN OUT GEAR LOCKERS - OFCI REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS
- FLOOR DRAIN
- FLOOR TRENCH DRAIN - SET FLUSH WITH FLOOR FLOOR TO PIT/TOWARD DRAIN AT 1/4" 1'-0" (MIN)
- WALL MOUNTED HOSE REEL
- MONITOR - REFER TO TECHNOLOGY DRAWINGS AND INTERIOR ELEVATIONS FOR SIZING AND MOUNTING INFORMATION. PROVIDE BLOCKING AS REQUIRED.
- (3) 2" DEEP PANTRY UNITS - REFER TO CASEWORK DETAILS FOR ADDITIONAL INFORMATION.
- CONCRETE FILLED PIPE BOLLARD
- SEM-RECESSED FIRE EXTINGUISHER CABINET AND STANDARD EXTINGUISHER
- 2" DEEP CABINET AT SINK
- RANGE - O.F.C.I.
- REFRIGERATOR - O.F.C.I.
- DISHWASHER - O.F.C.I.
- 1/2" PLYWOOD UNDER GYP. - ENTIRE WALL
- GRAB BARS - 36" HORIZONTAL BEHIND TOILET, 42" HORIZONTAL AND 18" VERTICAL ADJACENT TO TOILET. PROVIDE BLOCKING AS REQUIRED. REFER TO GENERAL INFORMATION DRAWINGS FOR ADDITIONAL INFORMATION.
- DOUBLE ROLL TOILET DISPENSER - O.F.C.I. PROVIDE BLOCKING AS REQUIRED
- HAND TOWEL DISPENSER - O.F.C.I. PROVIDE BLOCKING AS REQUIRED
- FRAMELESS MIRROR 24" X 48" W/ STAINLESS STEEL CLIPS FASTENERS
- WALL MOUNTED SOAP DISPENSER - O.F.C.I. PROVIDE BLOCKING AS REQUIRED
- COAT HOOK
- SHOWER - SOLID SURFACE SHOWER BASIN, SOLID SURFACE SHOWER WALLS
- SHOWER TRANSFER ACCESSIBLE FOLDING SEAT
- FOLDING SEAT
- WALL MOUNTED LADDER HANGERS
- MOP SINK - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
- IN-FLOOR CATCH BASIN - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
- MOP BROOM HOLDER - WALL MOUNTED. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION
- CUBICLE CURTAIN AND CEILING MOUNTED TRACK
- HYAC EQUIPMENT - REFER TO MECHANICAL DRAWINGS
- WALL MOUNTED OSCILLATING FAN. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
- RECESSED SLAB. REFER TO ROOM FINISH SCHEDULE
- BUILDING SIGNAGE
- DASHED LINE INDICATES EXTERIOR SOFFIT ABOVE
- DASHED LINE INDICATES CANOPY STRUCTURE ABOVE
- ELECTRICAL EQUIPMENT - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
- CASEWORK - REFER TO ELEVATIONS AND DETAILS
- REINFORCED CONCRETE FROST STOOP - REFER TO STRUCTURAL
- ADJUSTABLE SHELVES
- WATER FOUNTAIN/BOTTLE FILLER STATION
- PERSONAL STORAGE LOCKERS
- COMMERCIAL WASHER
- COMMERCIAL DRYER
- PUSH BUTTON BOLLARD - WALL MOUNTED
- PUSH BUTTON
- DASHED LINE INDICATES HOOD
- GALVANIZED STEEL DOWNSPOUT
- CEILING MOUNTED MONITOR
- ICE MACHINE
- RADIANT PANEL. REFER TO MECHANICAL DRAWINGS
- INTERIOR DOOR - THERMALLY BROKEN ALUMINUM STOREFRONT WINDOW SYSTEM, 1" INSULATED GLASS UNITS, WEATHER STRIPPING AND DOOR THRESHOLD
- INTERIOR WINDOW - THERMALLY BROKEN ALUMINUM STOREFRONT WINDOW SYSTEM, 1" INSULATED GLASS UNIT
- WIRE BRUSH GROMMET
- EMERGENCY EYEWASH STATION
- 4" CONCRETE HOUSEKEEPING PAD / UNDERSTAIR CANE DETECTION
- WALL MOUNTED ACCESSIBLE LOCKER ROOM BENCH (42" X 20")
- HAND TOWEL DISPENSERS - OFCI
- SURFACE MOUNTED KNOX BOX
- HAND DRYER - OFCI



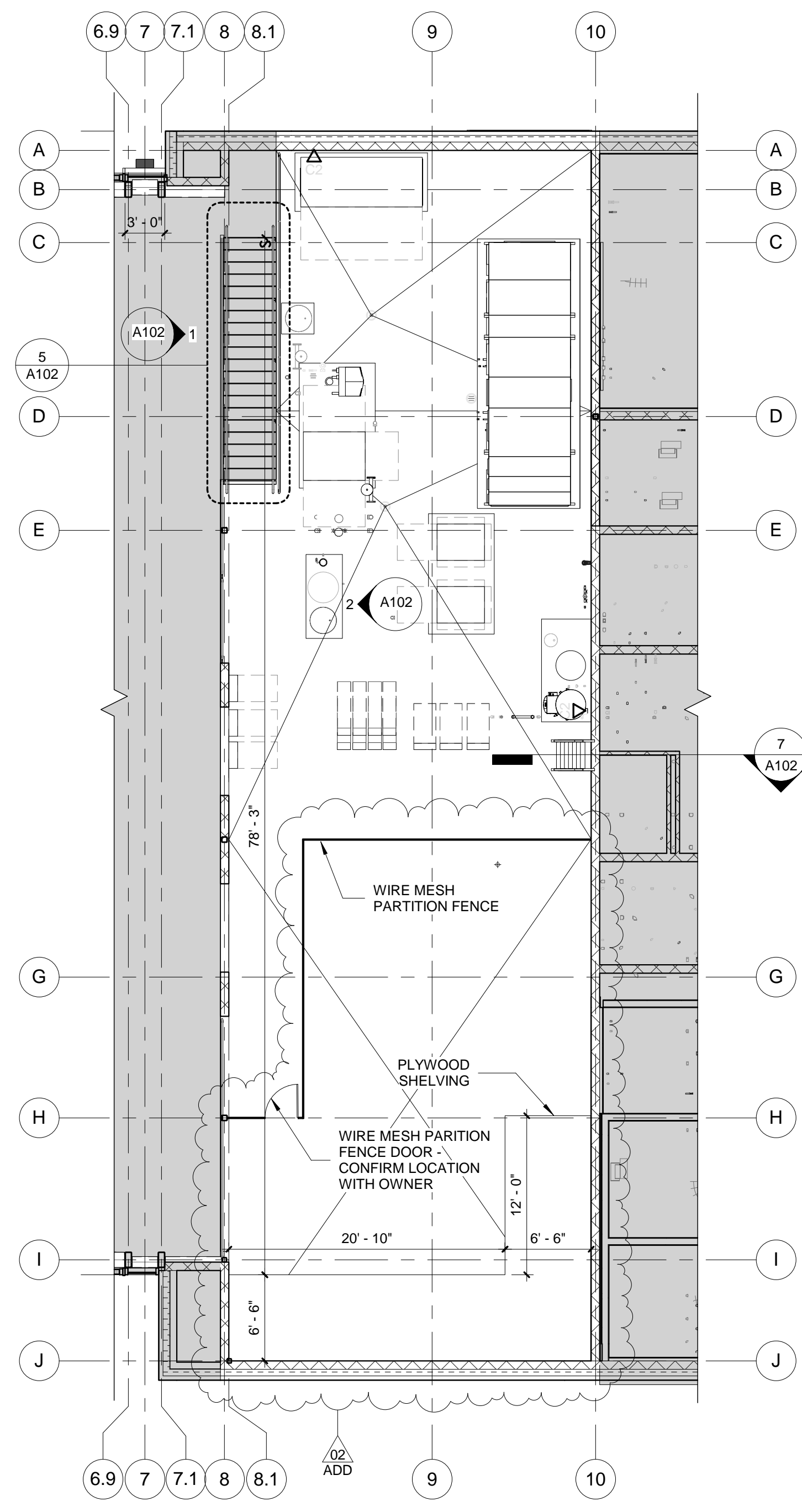
**LEVEL 1 FLOOR PLAN AREA B**  
1/4" = 1'-0"



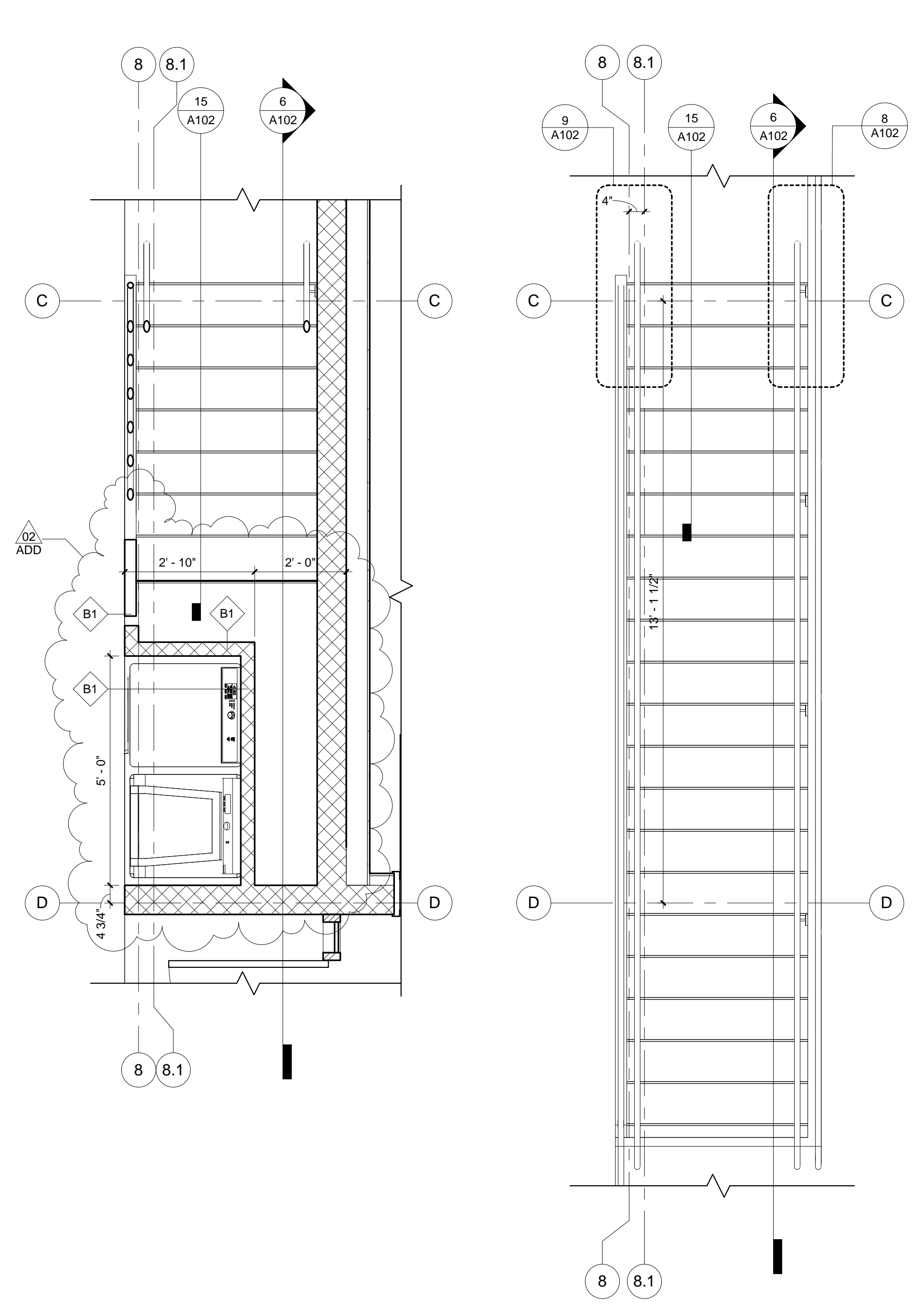
1 STAIR ELEVATION - SOUTH  
1/4" = 1'-0"



2 GUARDRAIL ELEVATION  
1/4" = 1'-0"

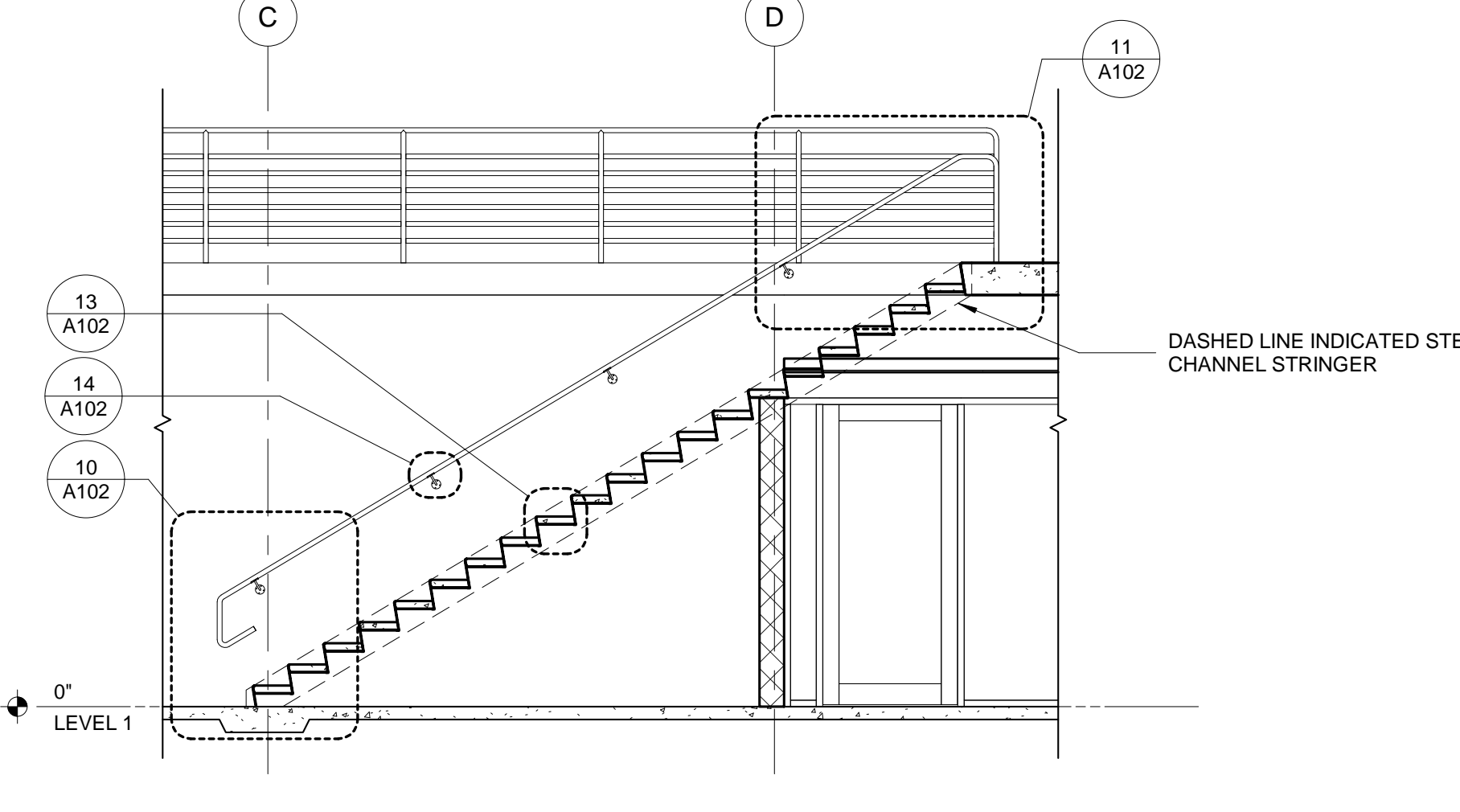


3 MEZZANINE PLAN  
1/8" = 1'-0"

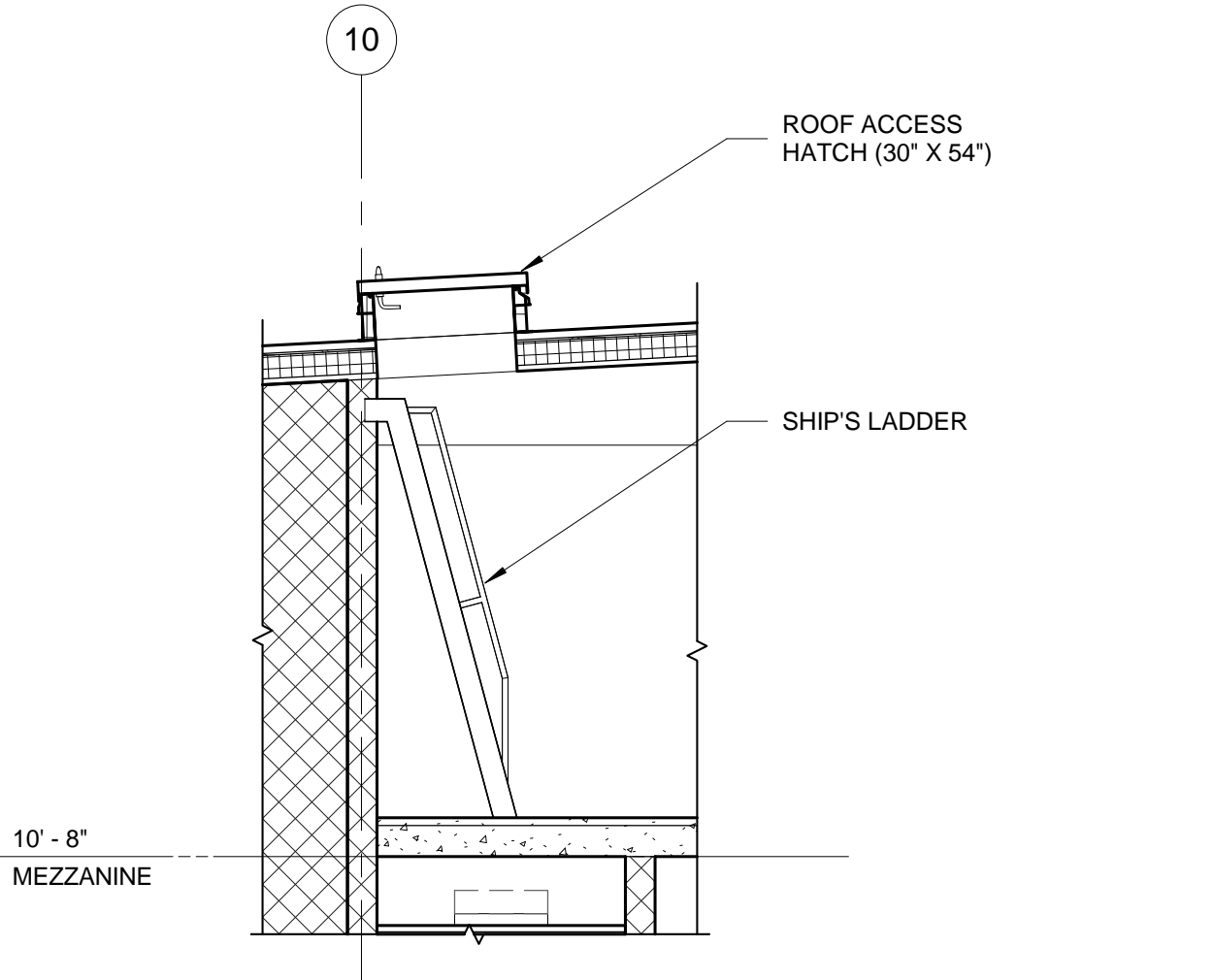


4 MEZZANINE STAIR (BELOW) - PLAN  
1/2" = 1'-0"

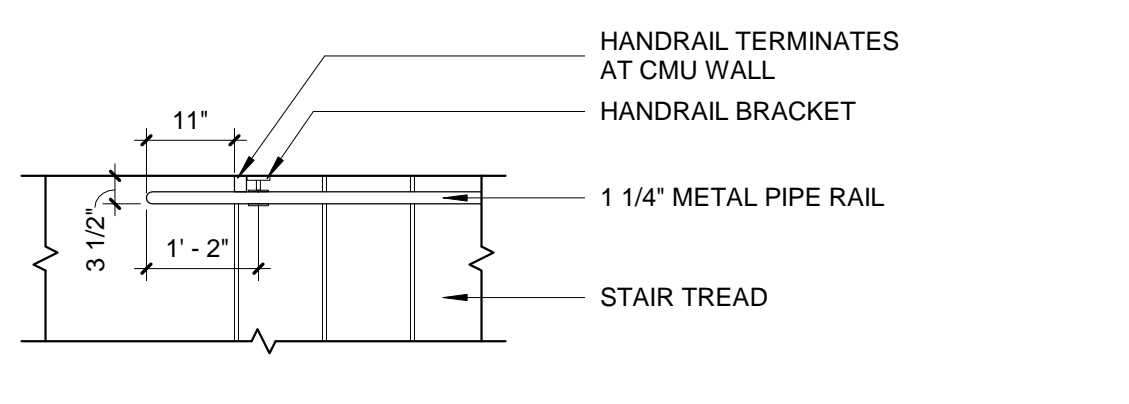
5 MEZZANINE STAIR (ABOVE) - PLAN  
1/2" = 1'-0"



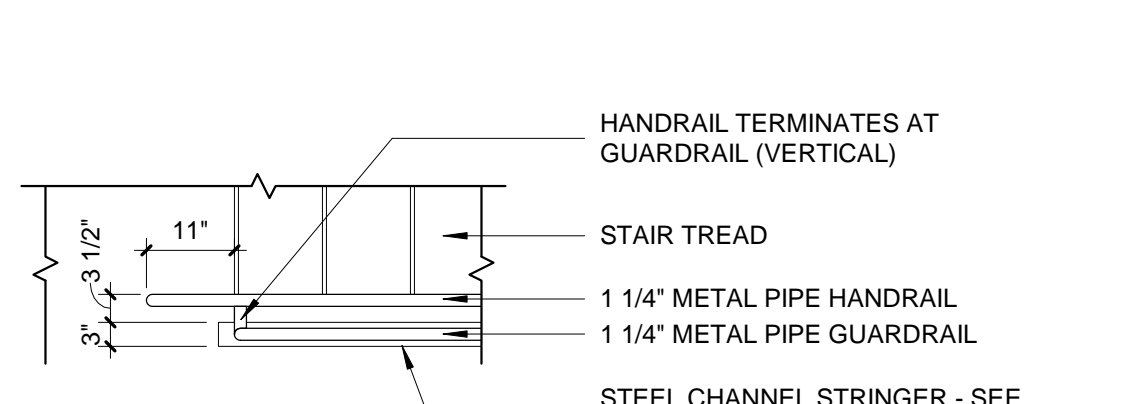
6 MEZZANINE STAIR - SECTION  
1/4" = 1'-0"



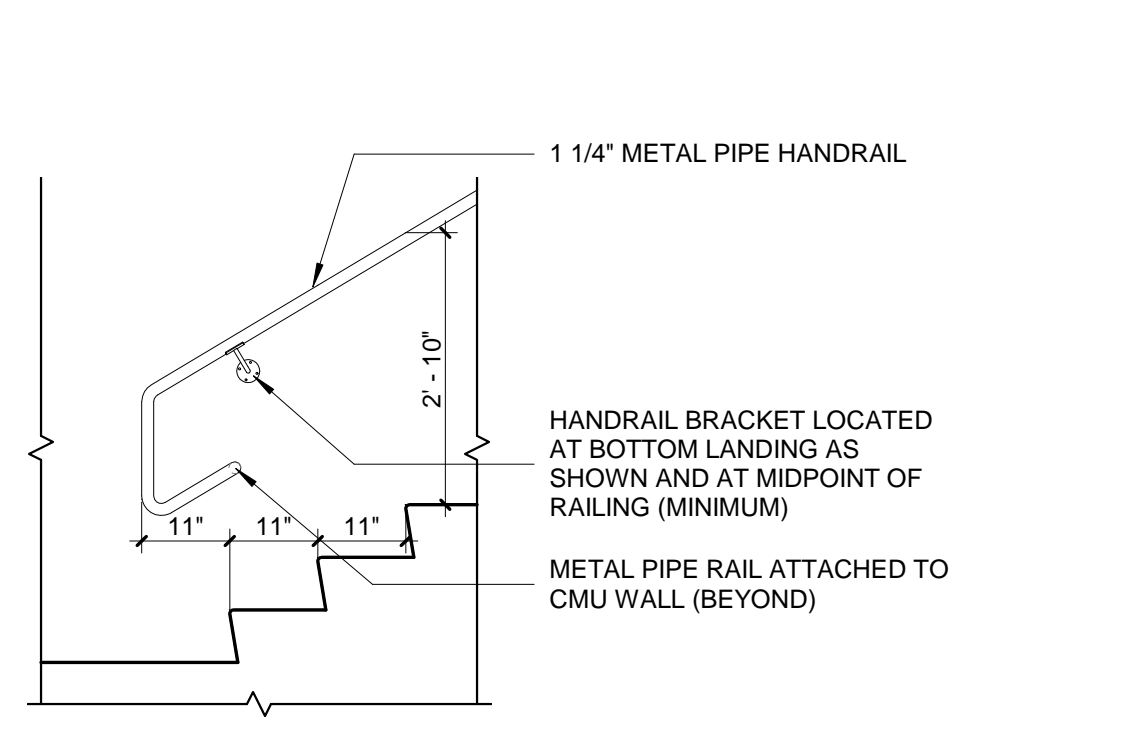
7 SHIP LADDER - SECTION  
1/4" = 1'-0"



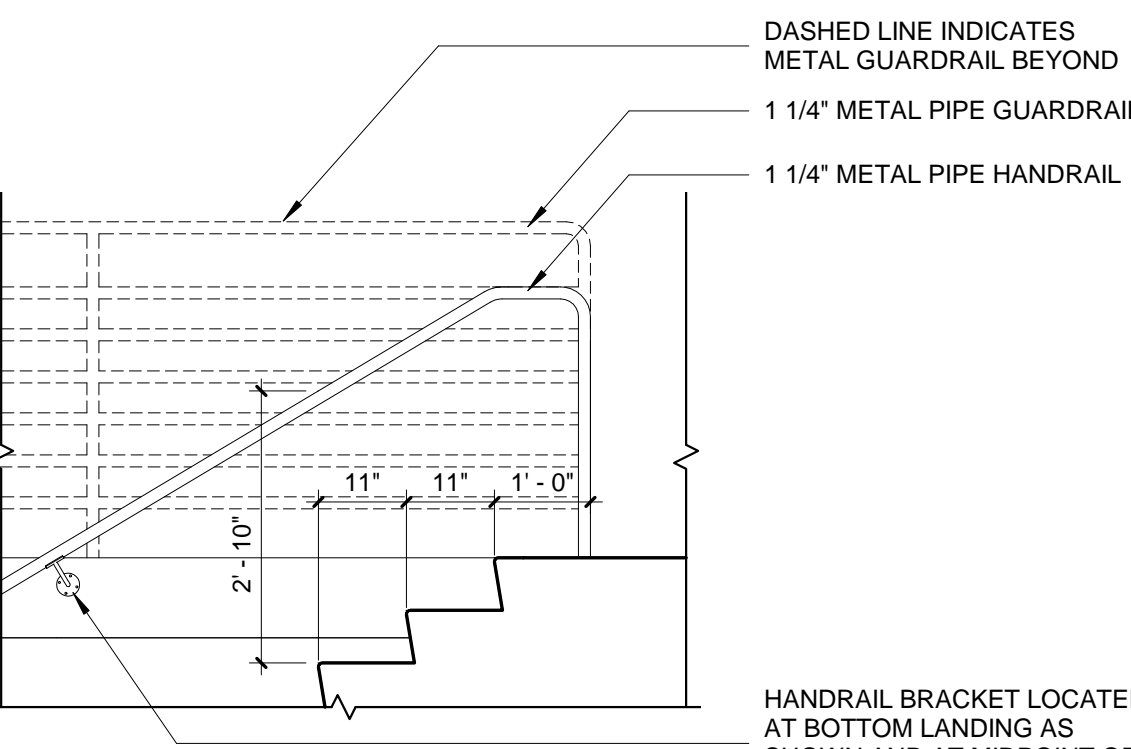
8 HANDRAIL EXTENSION PLAN DETAIL - BOTTOM LANDING (EAST)  
1/2" = 1'-0"



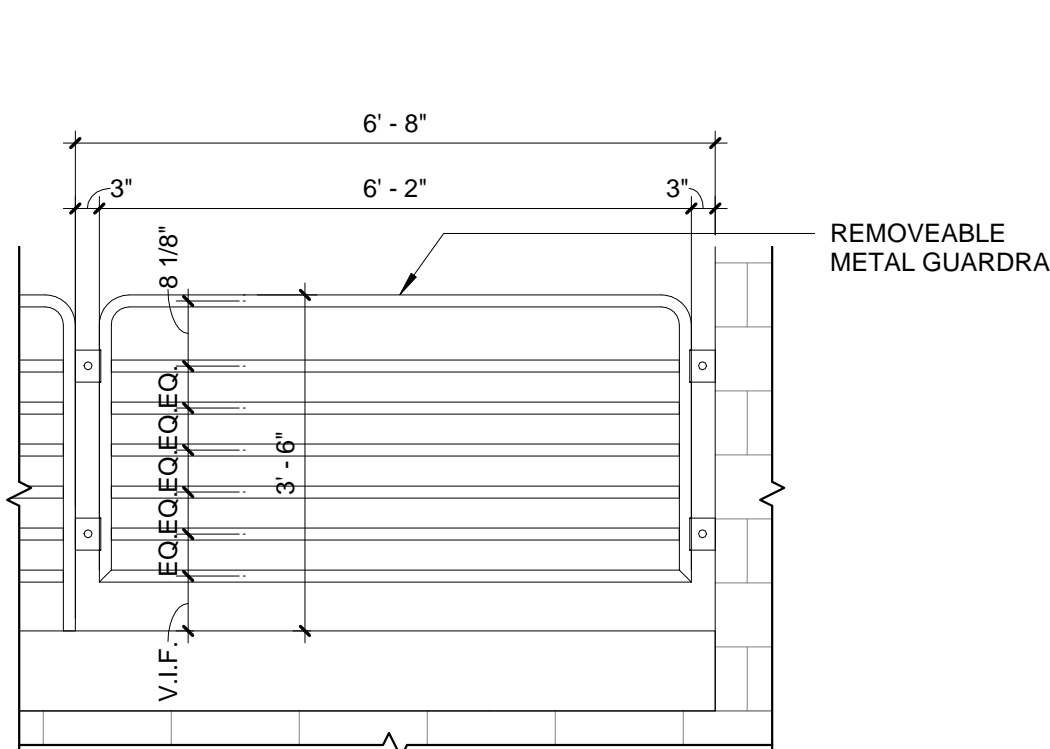
9 HANDRAIL EXTENSION PLAN DETAIL - BOTTOM LANDING (WEST)  
1/2" = 1'-0"



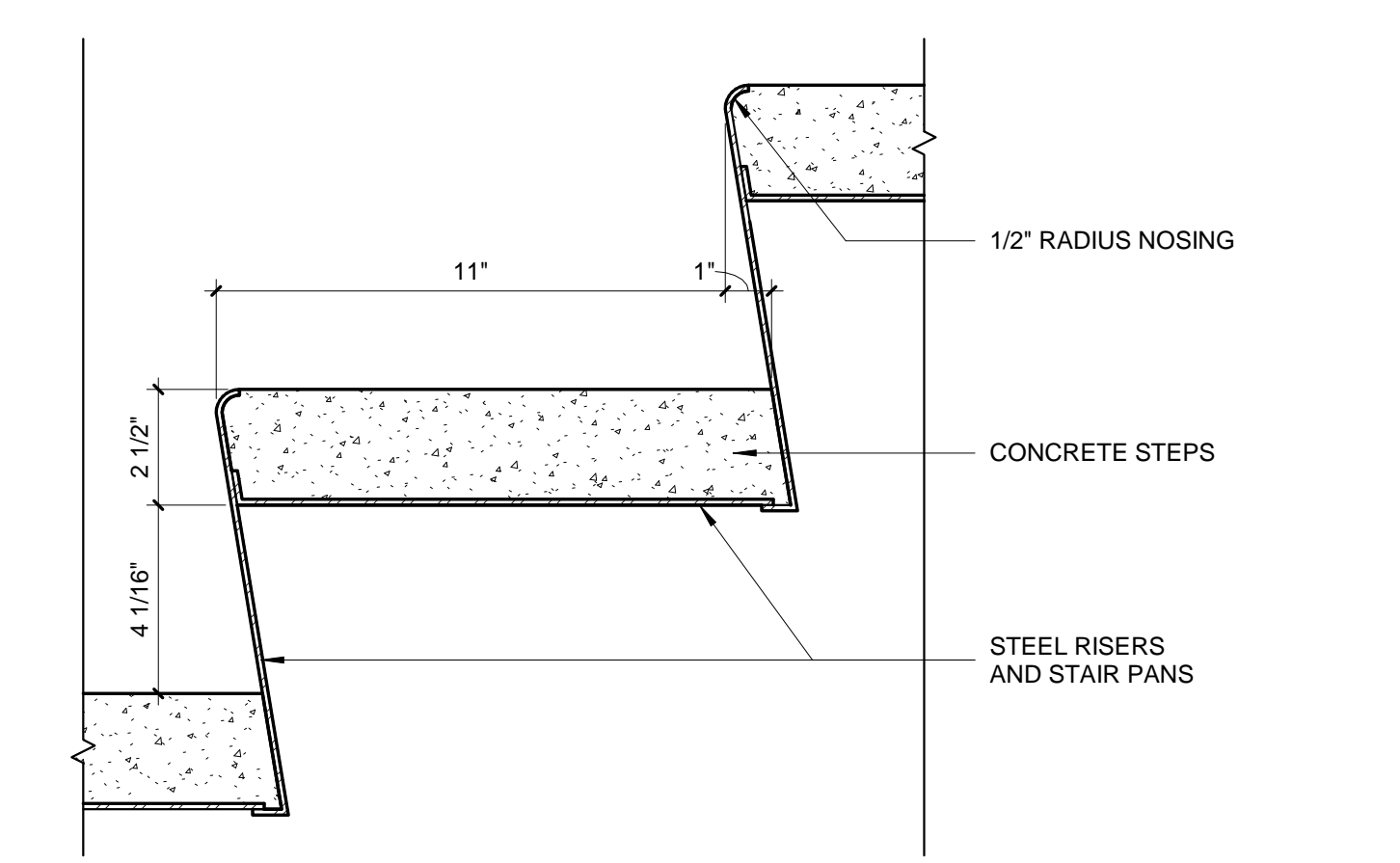
10 HANDRAIL EXTENSION - BOTTOM LANDING  
1/2" = 1'-0"



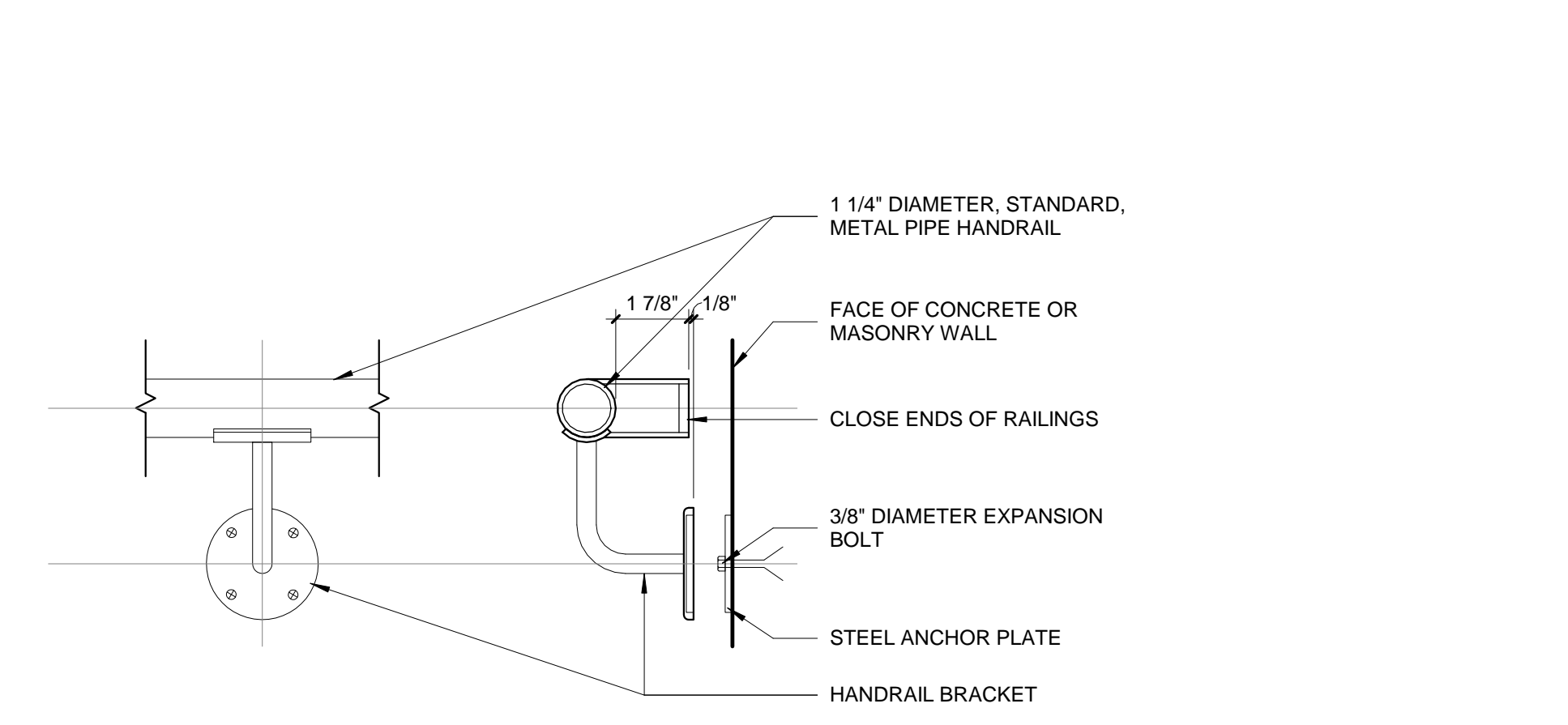
11 HANDRAIL EXTENSION - TOP LANDING  
1/2" = 1'-0"



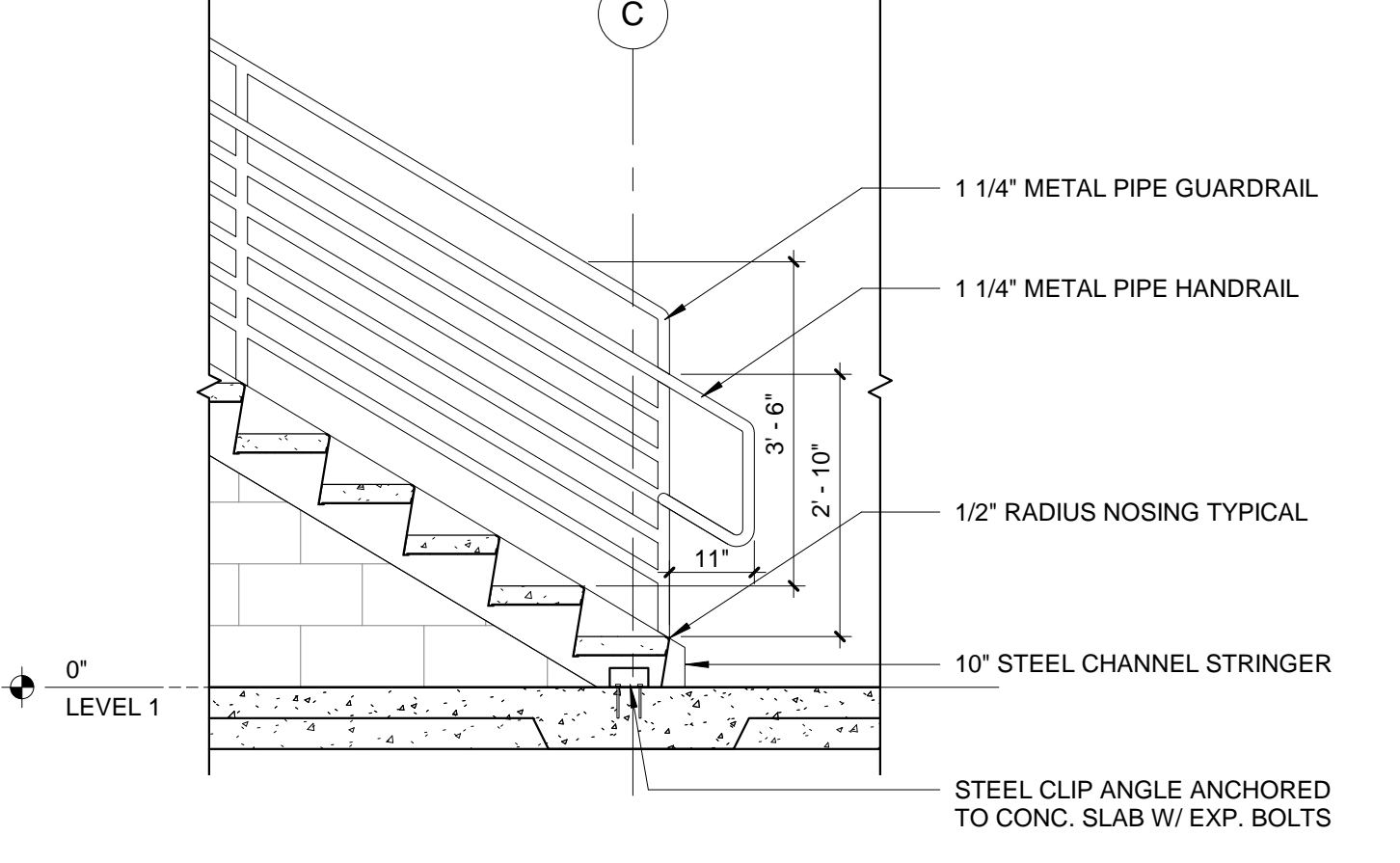
12 REMOVEABLE METAL GUARDRAIL  
1/2" = 1'-0"



13 METAL PAN TREAD AND RISER  
3" = 1'-0"



14 HANDRAIL WALL BRACKET  
3" = 1'-0"



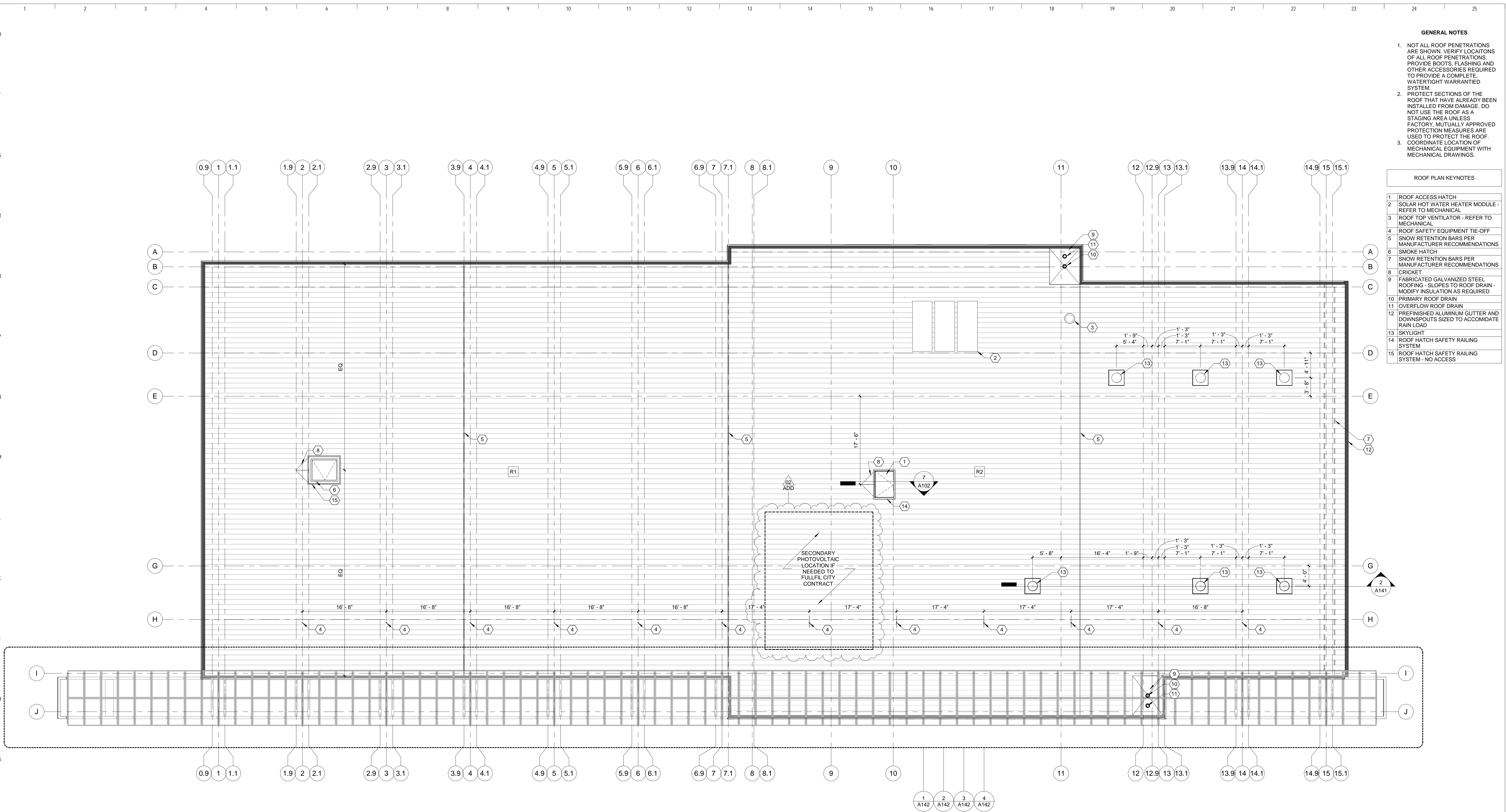
15 STAIR BOTTOM RAILING  
1/2" = 1'-0"

**GENERAL NOTES**

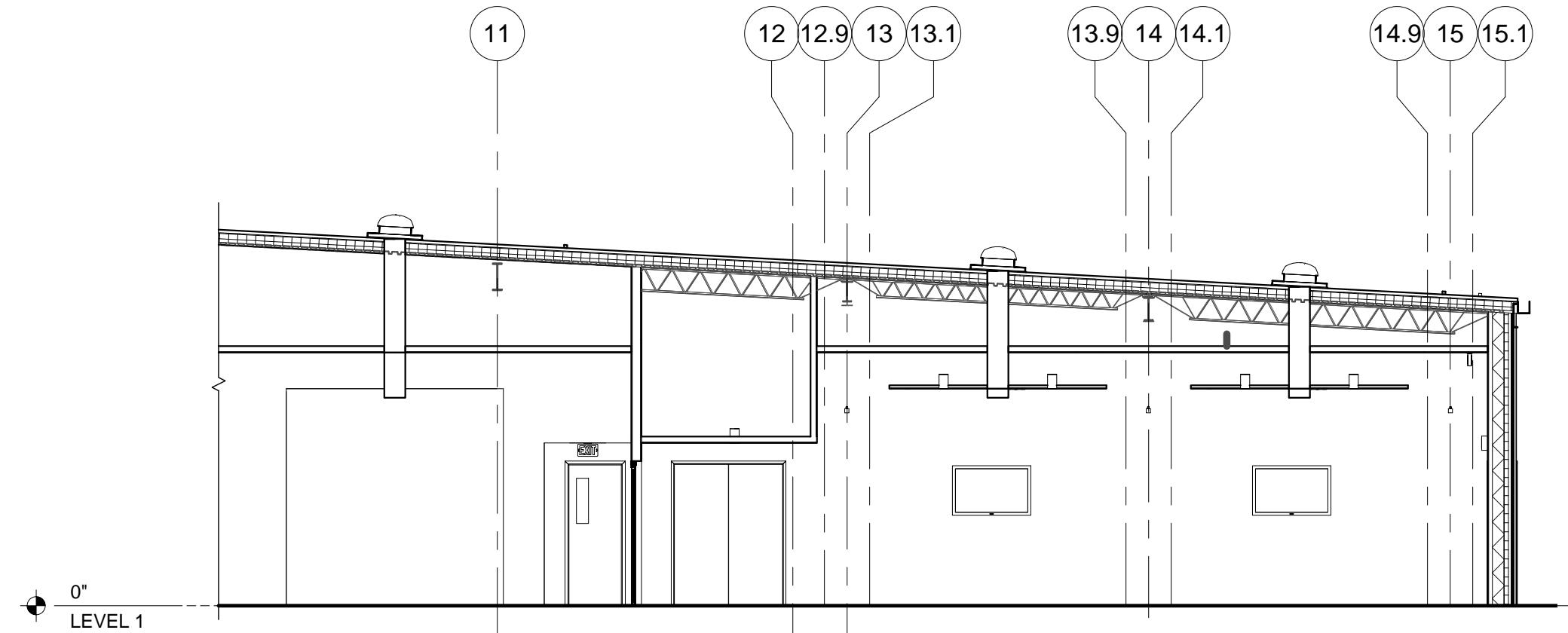
- NOT ALL ROOF PENETRATIONS ARE SHOWN. VERIFY LOCATIONS OF ALL ROOF PENETRATIONS. PROVIDE BOOTS, FLASHING AND OTHER ACCESSORIES REQUIRED TO PROVIDE A COMPLETE, WATERTIGHT WARRANTED SYSTEM.
- PROTECT SECTIONS OF THE ROOF THAT HAVE ALREADY BEEN INSTALLED FROM DAMAGE. DO NOT USE THE ROOF AS A STAGING AREA UNLESS FACTORY MUTUALLY APPROVED PROTECTION MEASURES ARE USED TO PROTECT THE ROOF.
- COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS.

**ROOF PLAN KEYNOTES**

- ROOF ACCESS HATCH
- SOLAR HOT WATER HEATER MODULE - REFER TO MECHANICAL
- ROOF TOP VENTILATOR - REFER TO MECHANICAL
- ROOF SAFETY EQUIPMENT TIE-OFF
- SNOW RETENTION BARS PER MANUFACTURER RECOMMENDATIONS
- SMOKE HATCH
- SNOW RETENTION BARS PER MANUFACTURER RECOMMENDATIONS
- CRICKET
- FABRICATED GALVANIZED STEEL ROOFING - SLOPES TO ROOF DRAIN - MODIFY INSULATION AS REQUIRED
- PRIMARY ROOF DRAIN
- OVERFLOW ROOF DRAIN
- PREFINISHED ALUMINUM GUTTER AND DOWNSPOUTS SIZED TO ACCOMMODATE RAIN LOAD
- SKYLIGHT
- ROOF HATCH SAFETY RAILING SYSTEM
- ROOF HATCH SAFETY RAILING SYSTEM - NO ACCESS

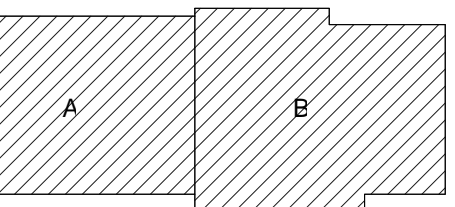


**1 ROOF LEVEL FLOOR PLAN**  
1/8" = 1'-0"



**2 SKYLIGHT DIAGRAM**  
1/8" = 1'-0"

**Key Plan**

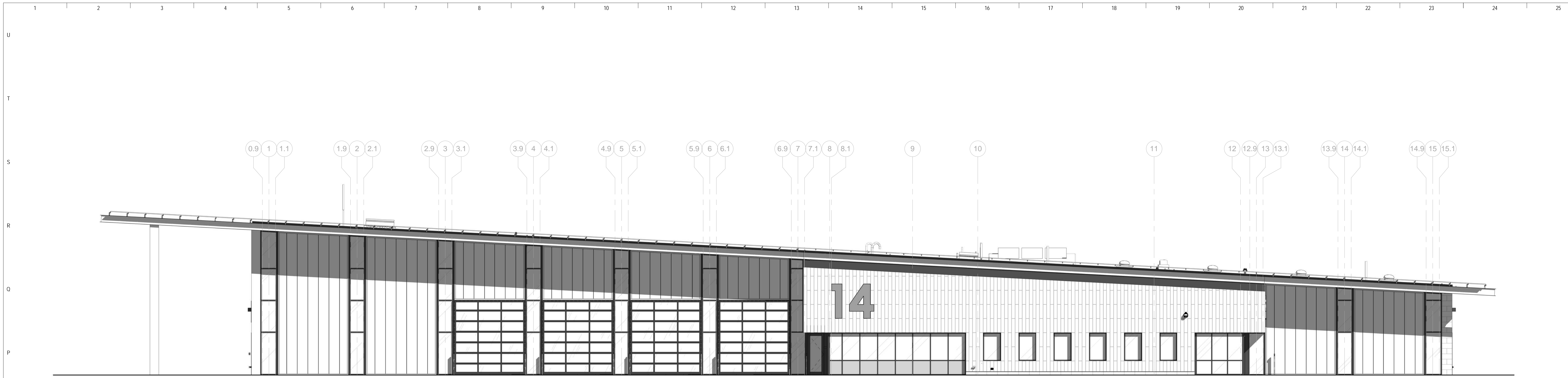


Sheet Issue Date  
**BID DOCUMENTS** 11/03/17

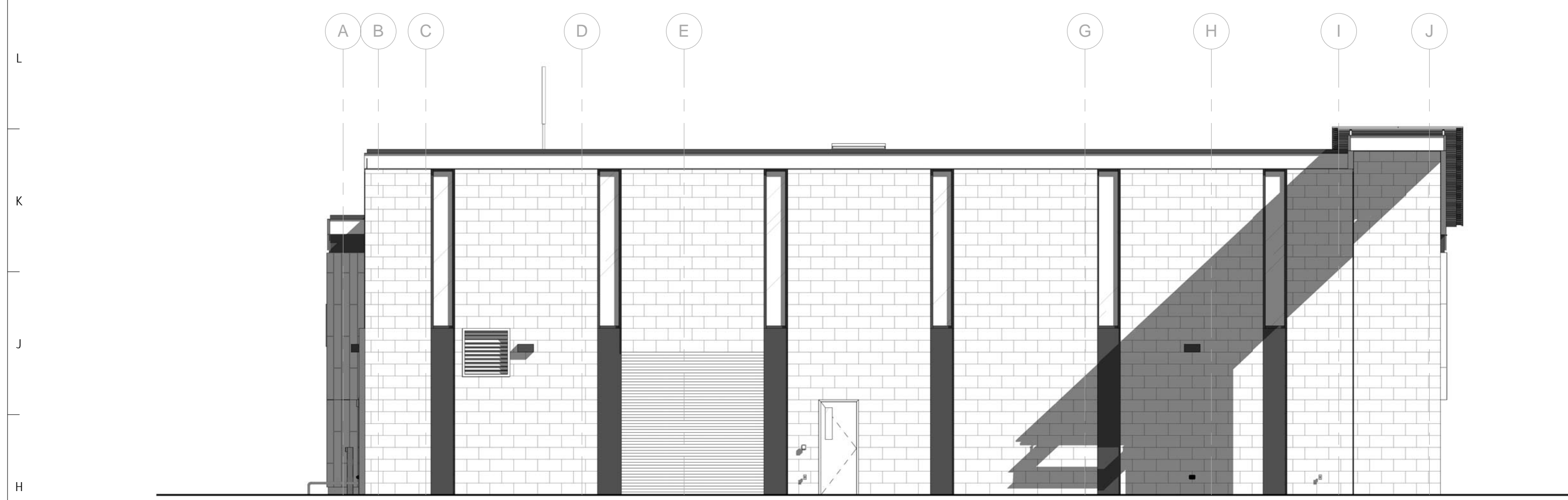
Revision Date  
ADDENDA 42 11/22/17

**BID DOCUMENTS**

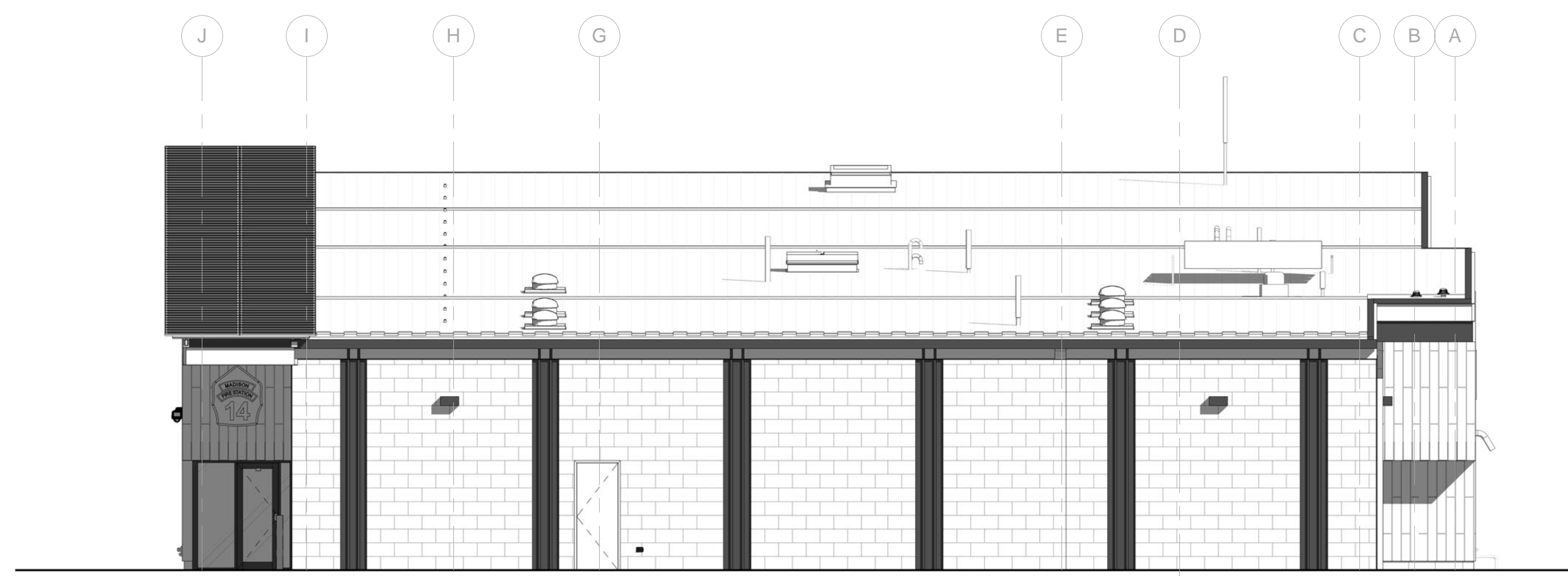
**ROOF PLAN**



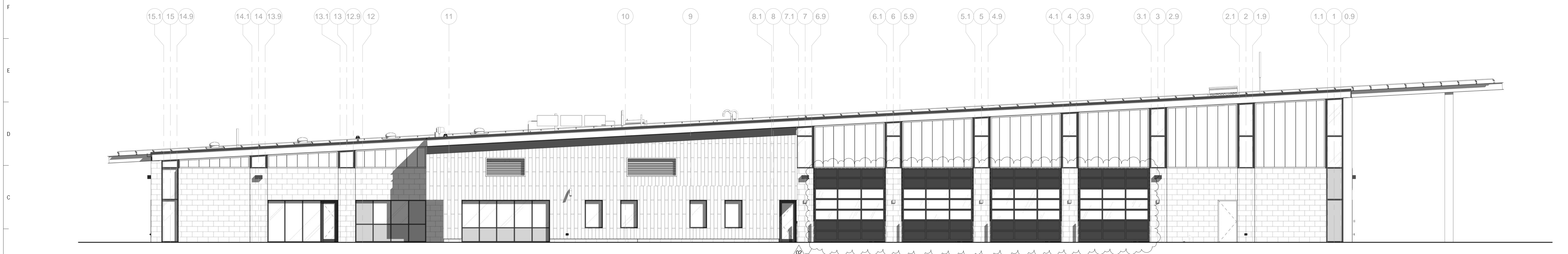
1 BUILDING ELEVATION - WEST  
1/8" = 1'-0"



2 BUILDING ELEVATION - NORTH  
1/8" = 1'-0"

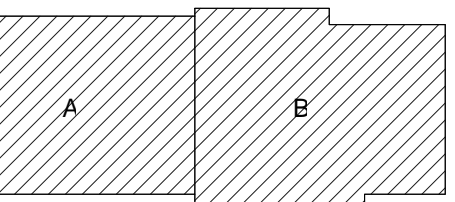


3 BUILDING ELEVATION - SOUTH  
1/8" = 1'-0"



4 BUILDING ELEVATION - EAST  
1/8" = 1'-0"

Key Plan



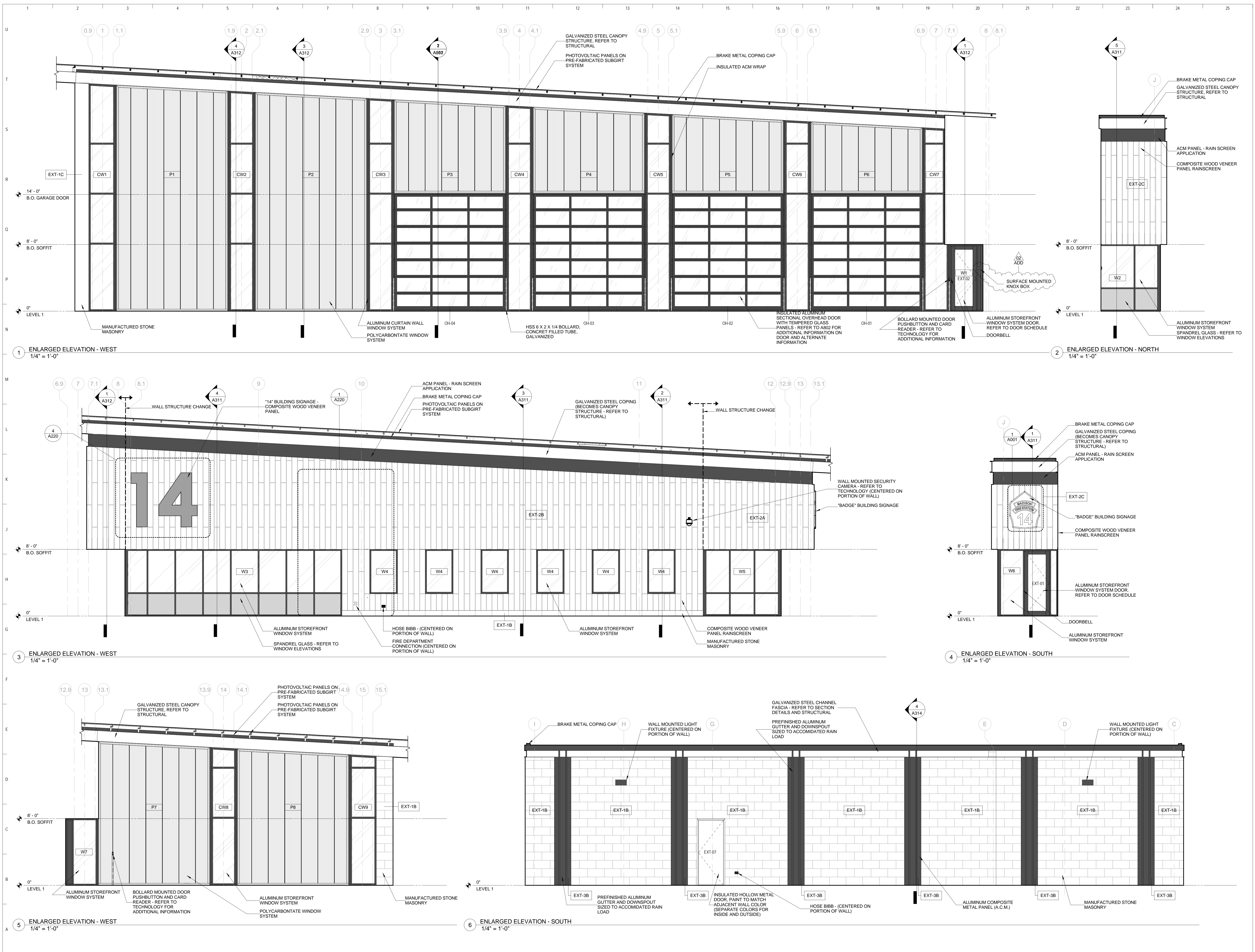
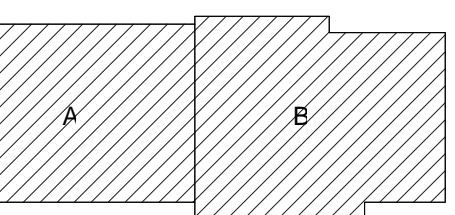
Sheet Issue Date  
**BID DOCUMENTS** 11/03/17

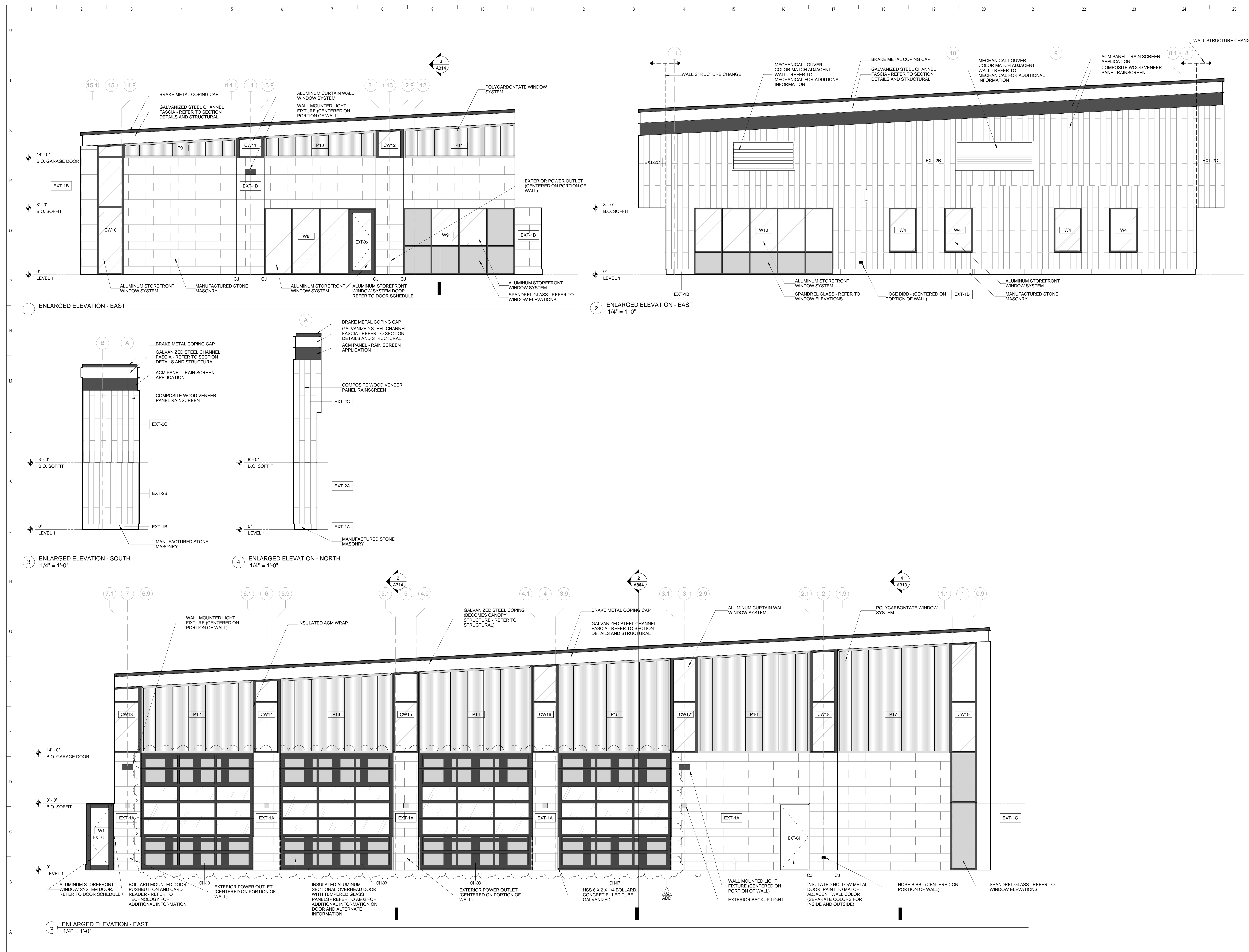
Revision Date  
ADDENDA A2 11/22/17

**BID DOCUMENTS**

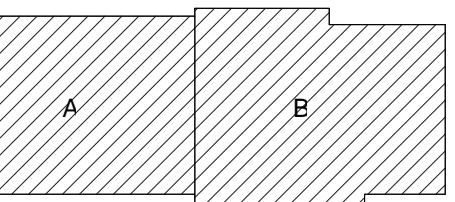
Drawing  
**EXTERIOR ELEVATIONS**

City of Madison Contract No. 8027  
OPN Project No. 17207000





Key Plan



Sheet Issue Date  
**BID DOCUMENTS** 11/03/17

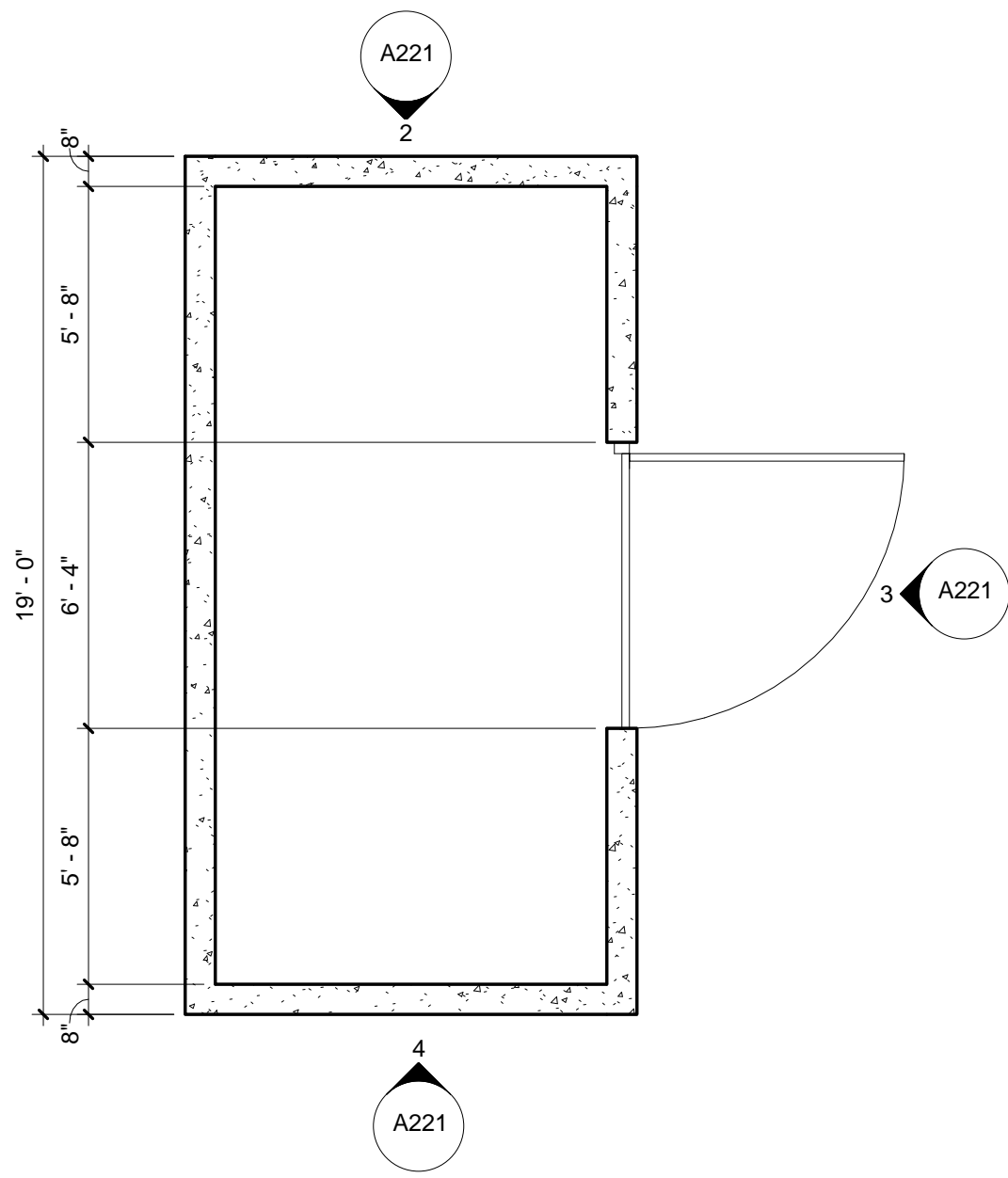
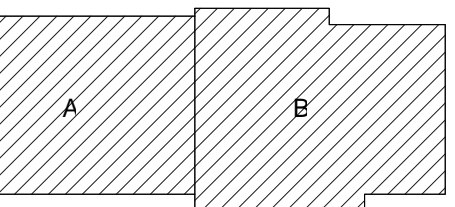
Revision Date  
ADDENDA 02 11/22/17

**BID DOCUMENTS**

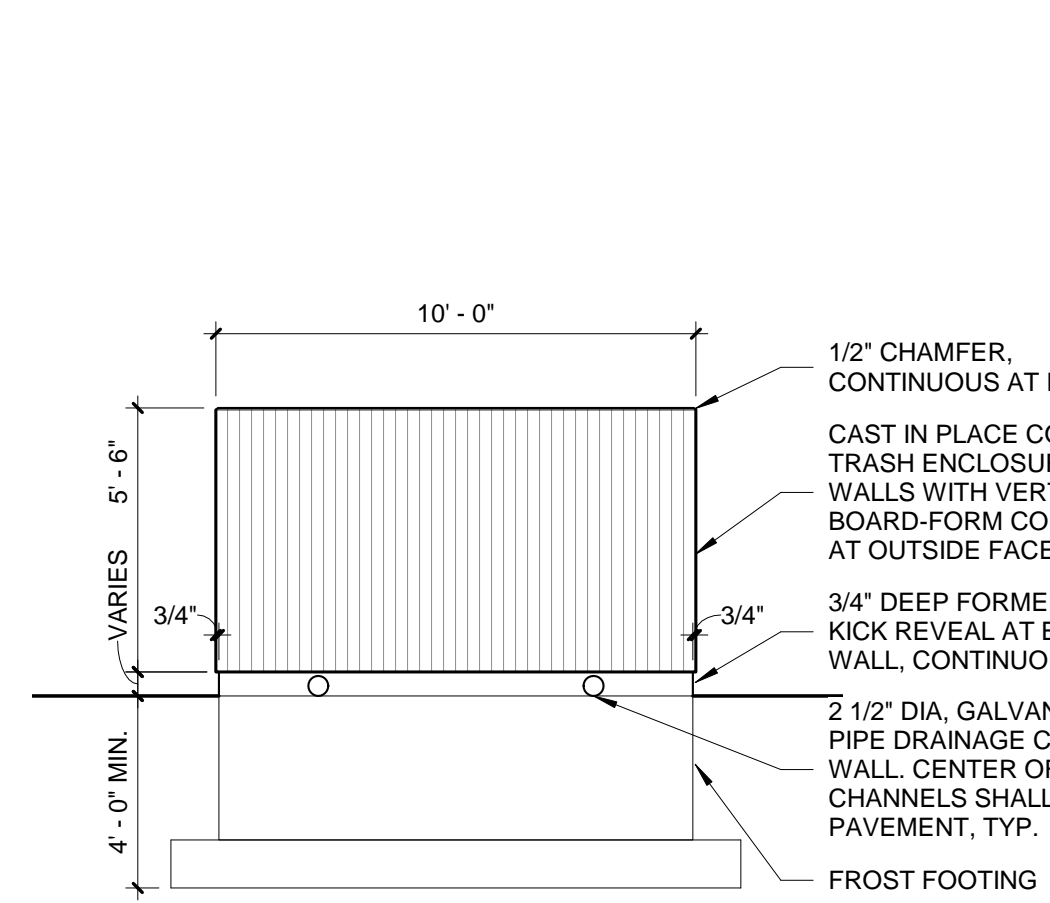
Drawing  
**ENLARGED EXTERIOR ELEVATIONS**

City of Madison Contract No. 8027  
OPN Project No. 17207000

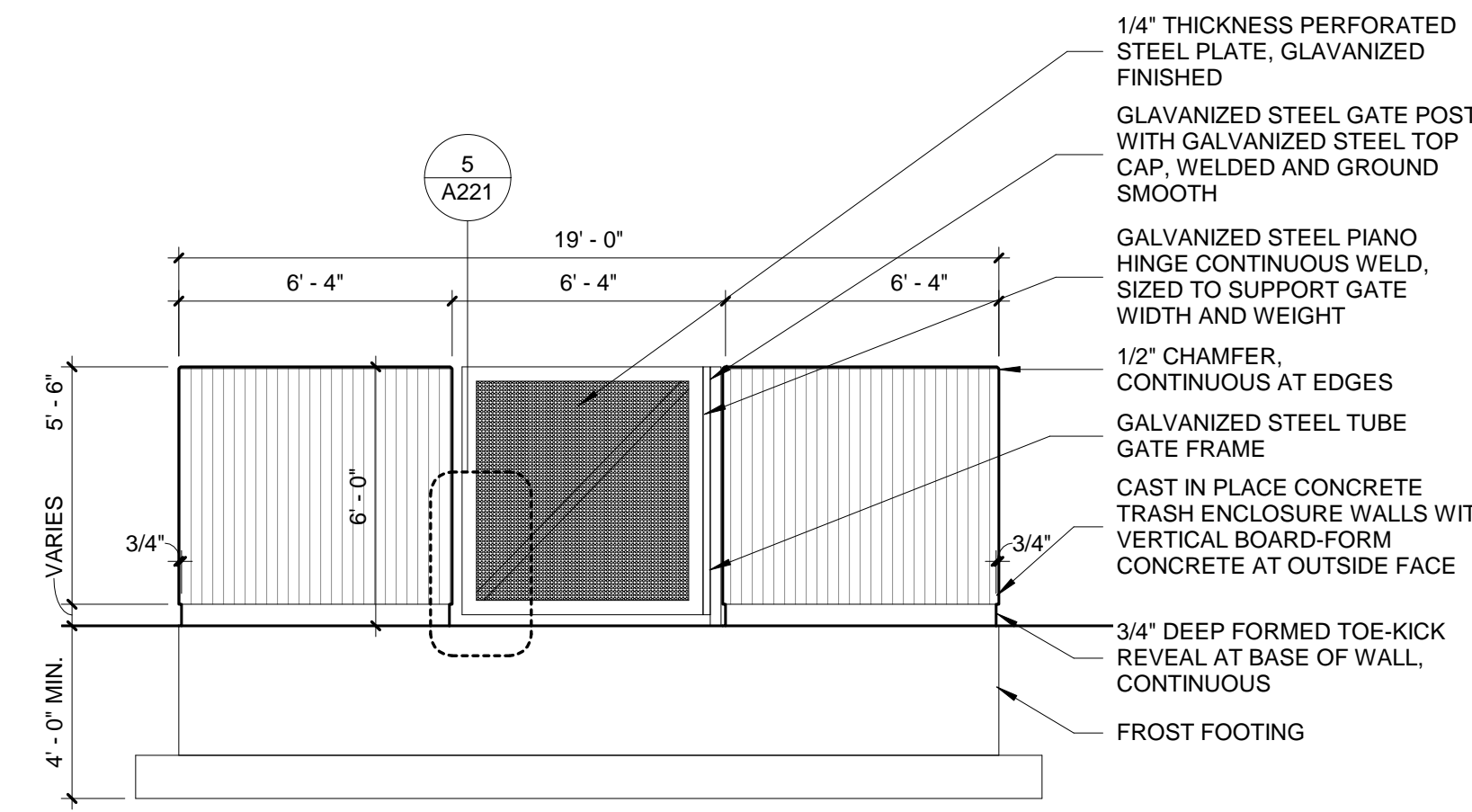




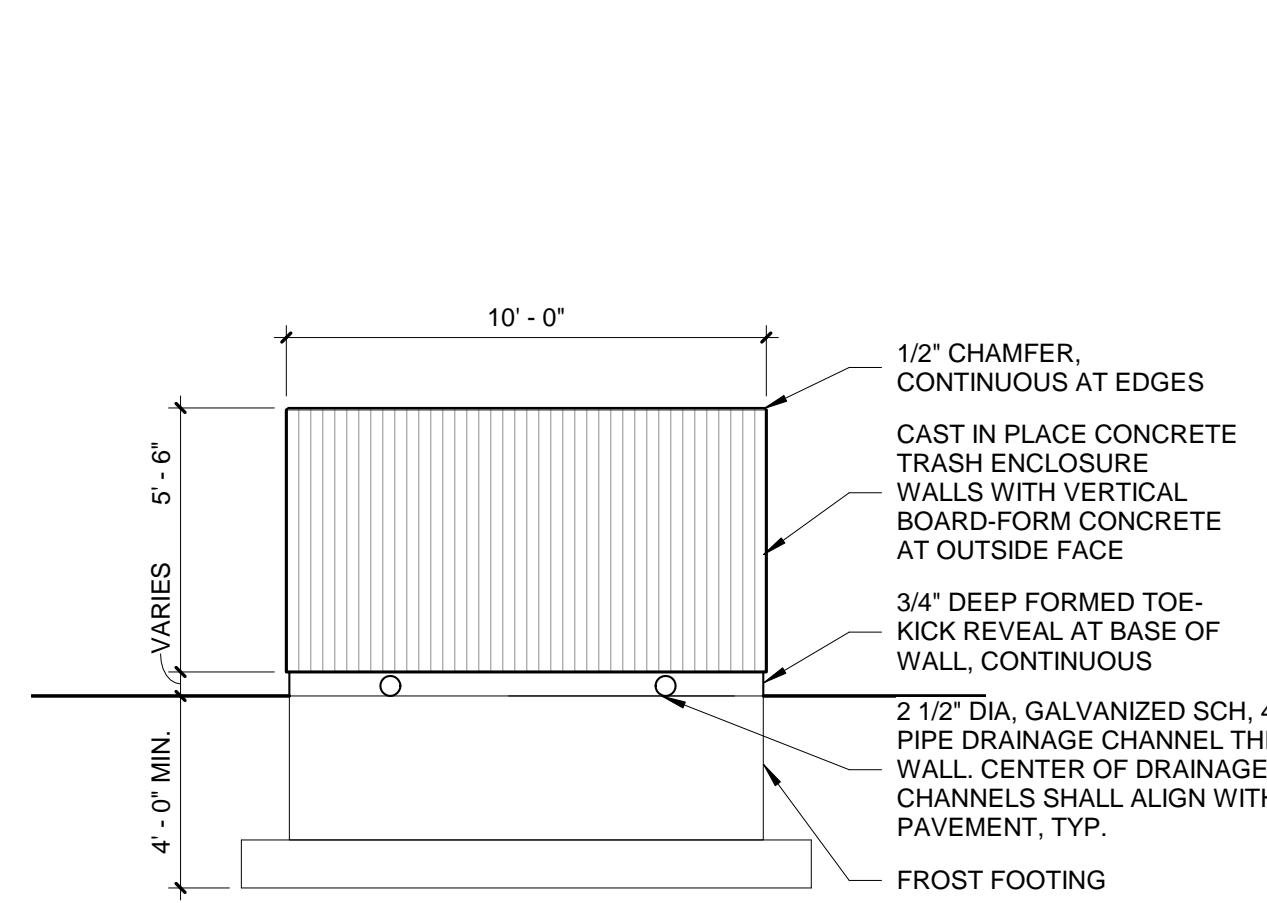
1 TRASH ENCLOSURE FLOOR PLAN  
1/4" = 1'-0"



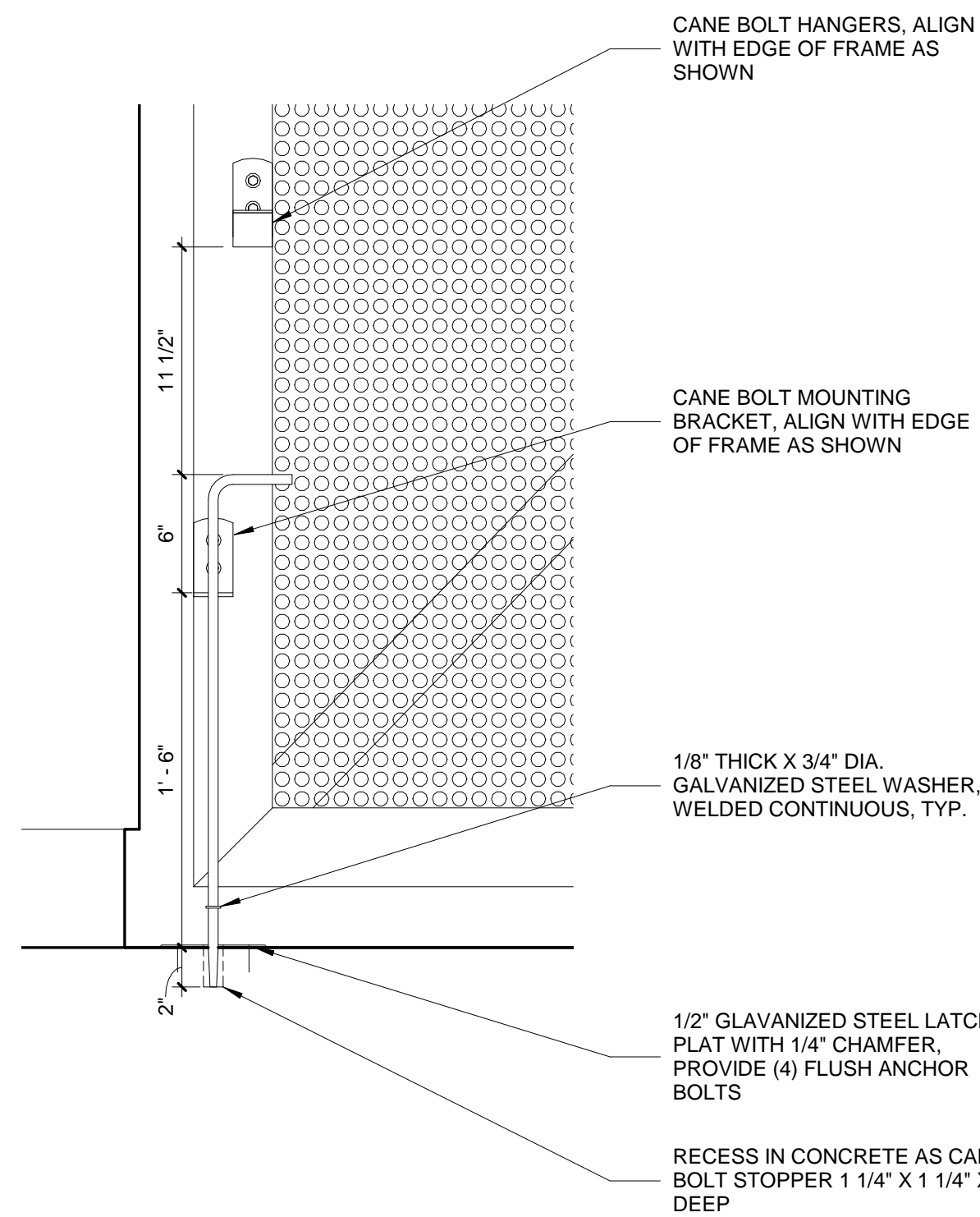
2 TRASH ENCLOSURE ELEVATION  
1/4" = 1'-0"



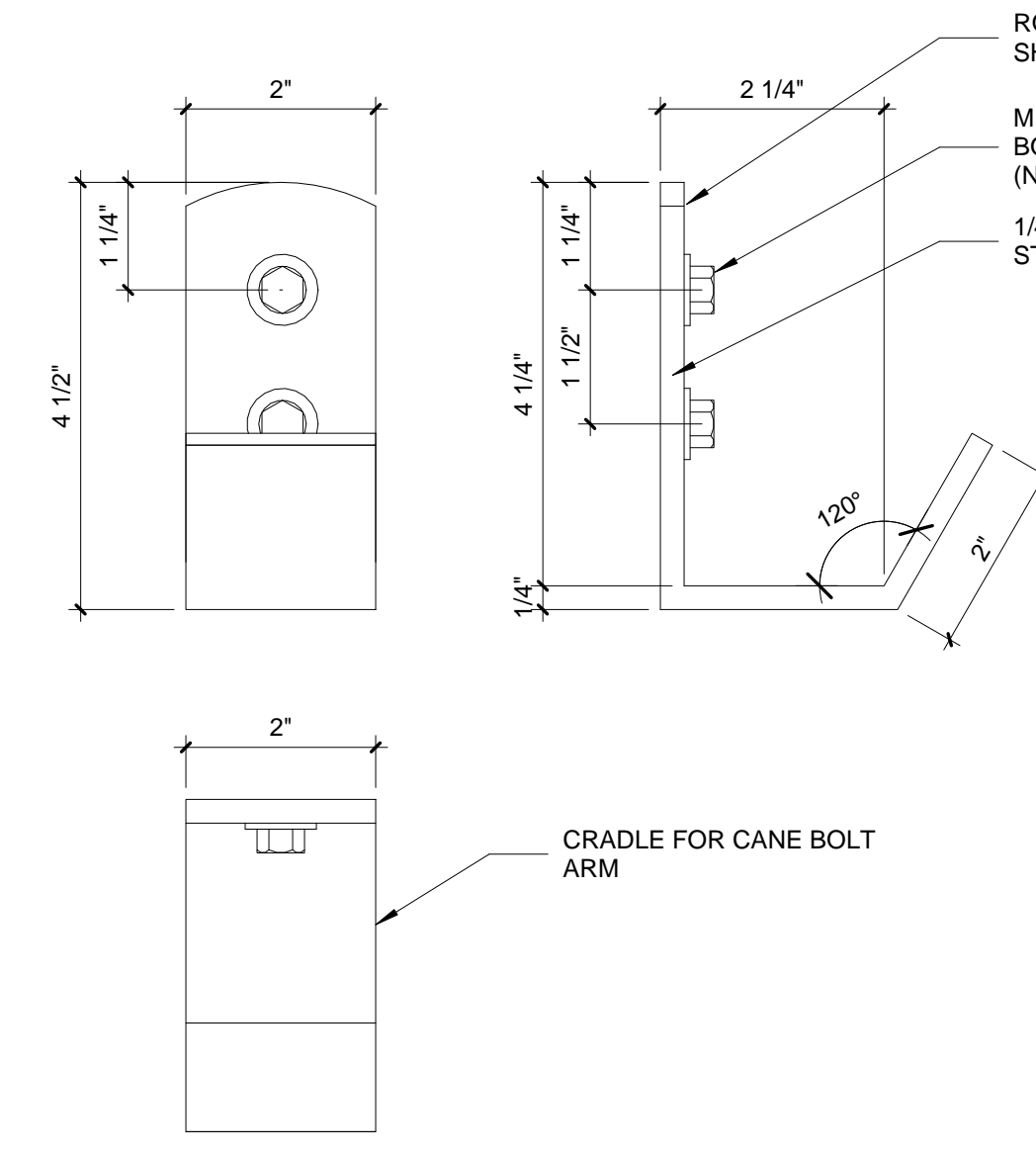
3 TRASH ENCLOSURE ELEVATION  
1/4" = 1'-0"



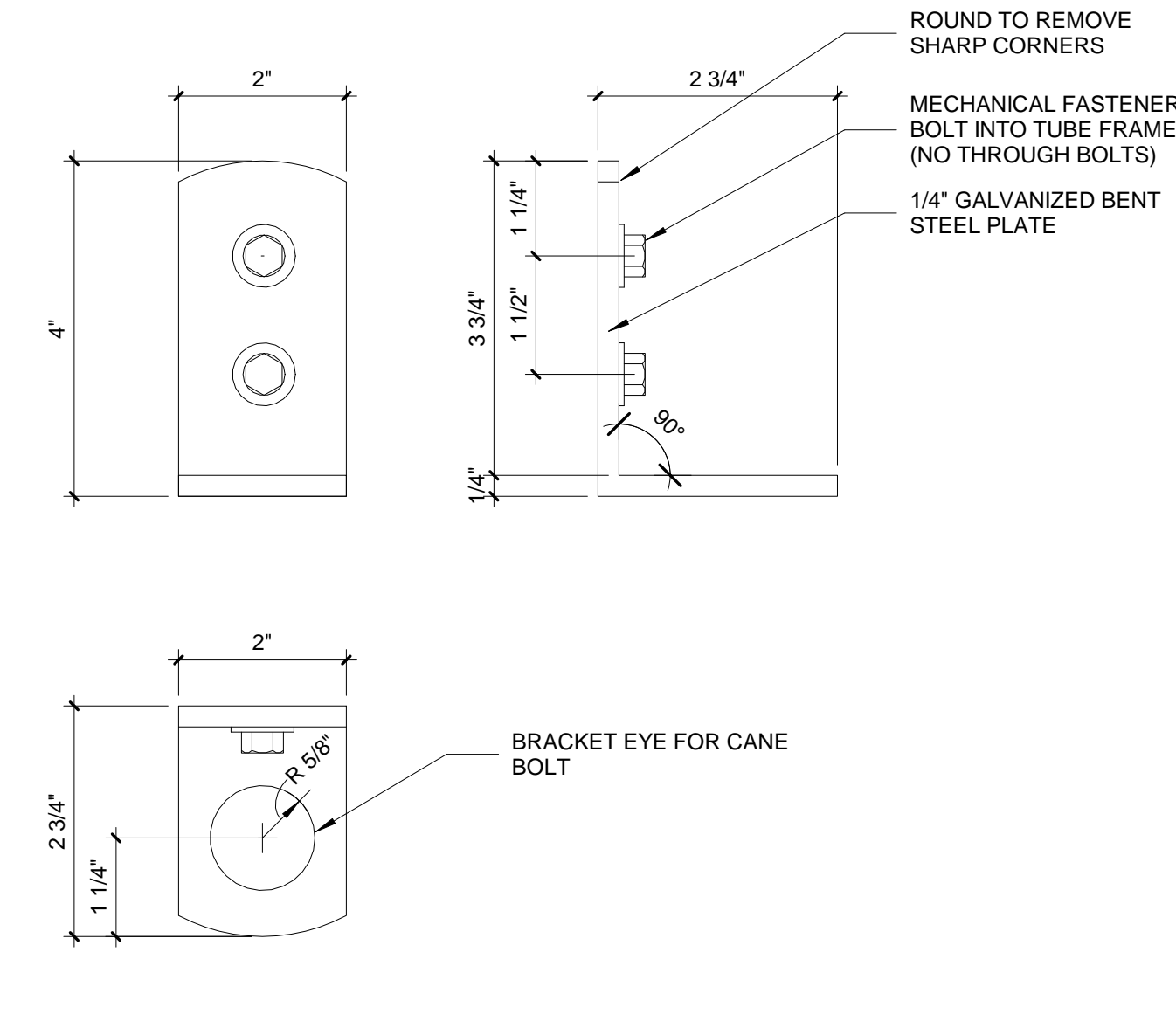
4 TRASH ENCLOSURE ELEVATION  
1/4" = 1'-0"



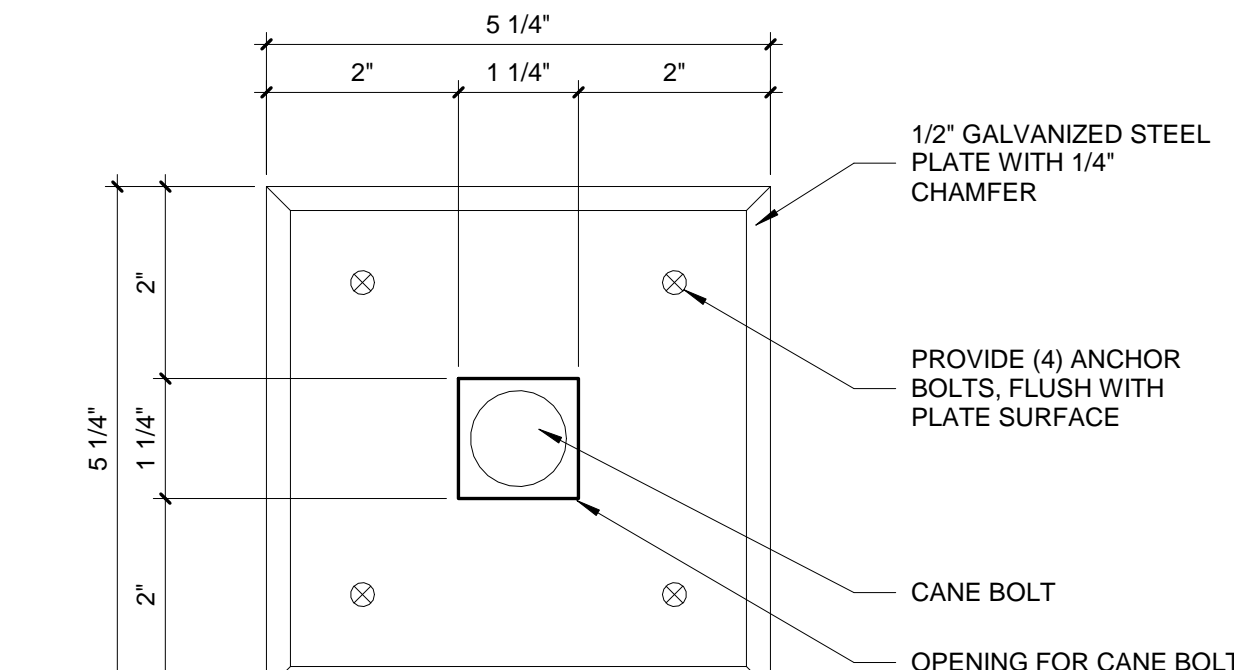
5 TRASH ENCLOSURE - CANE BOLT DETAIL  
1/2" = 1'-0"



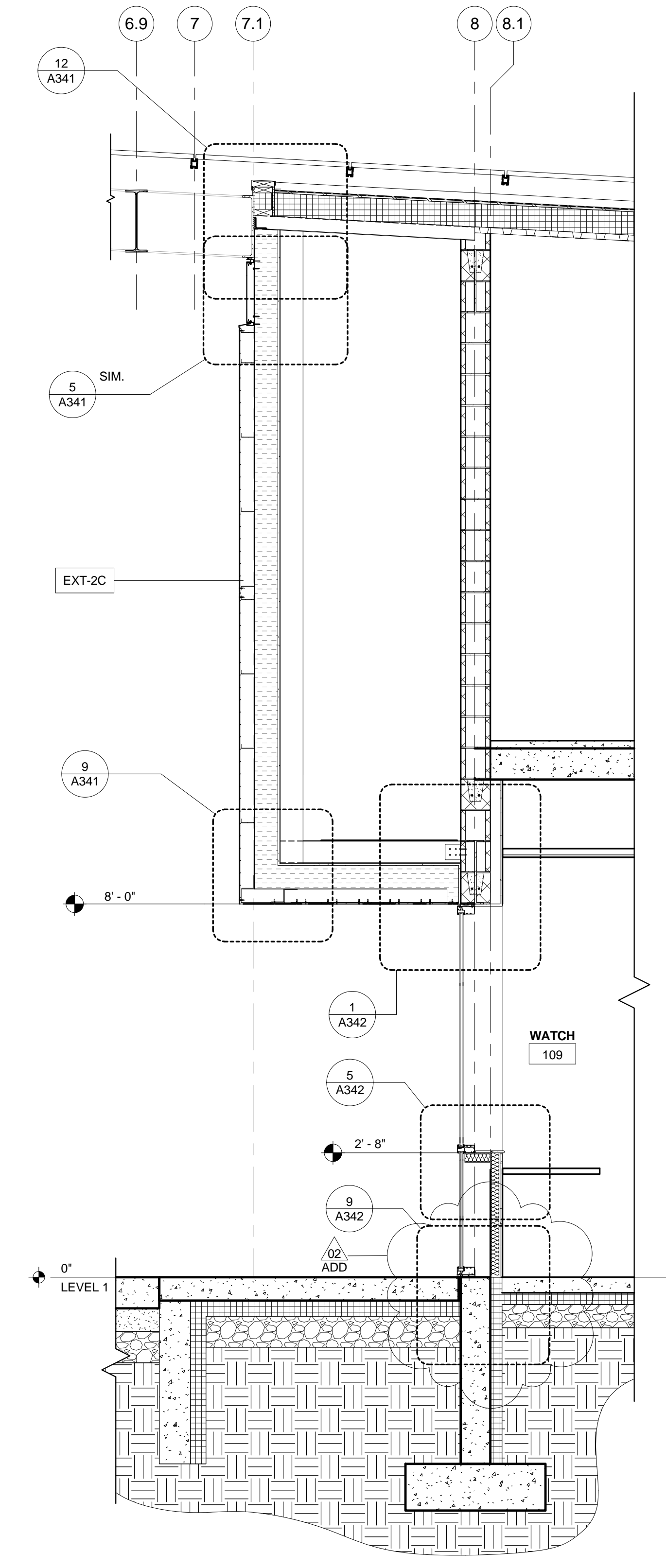
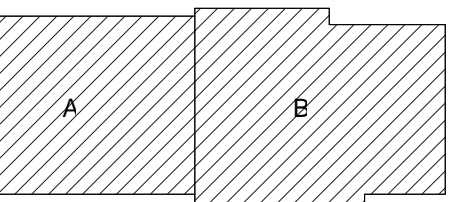
6 TRASH ENCLOSURE - CANE BOLT HANGER  
6" = 1'-0"



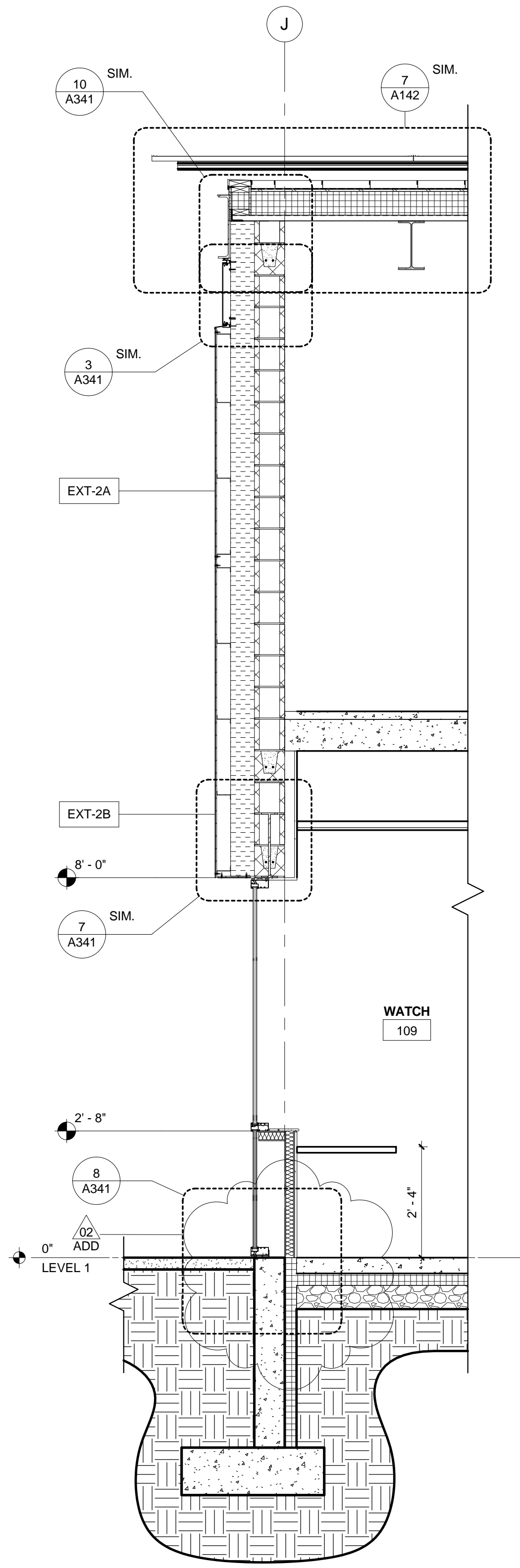
7 TRASH ENCLOSURE - CANE BOLT MOUNTING DETAIL  
6" = 1'-0"



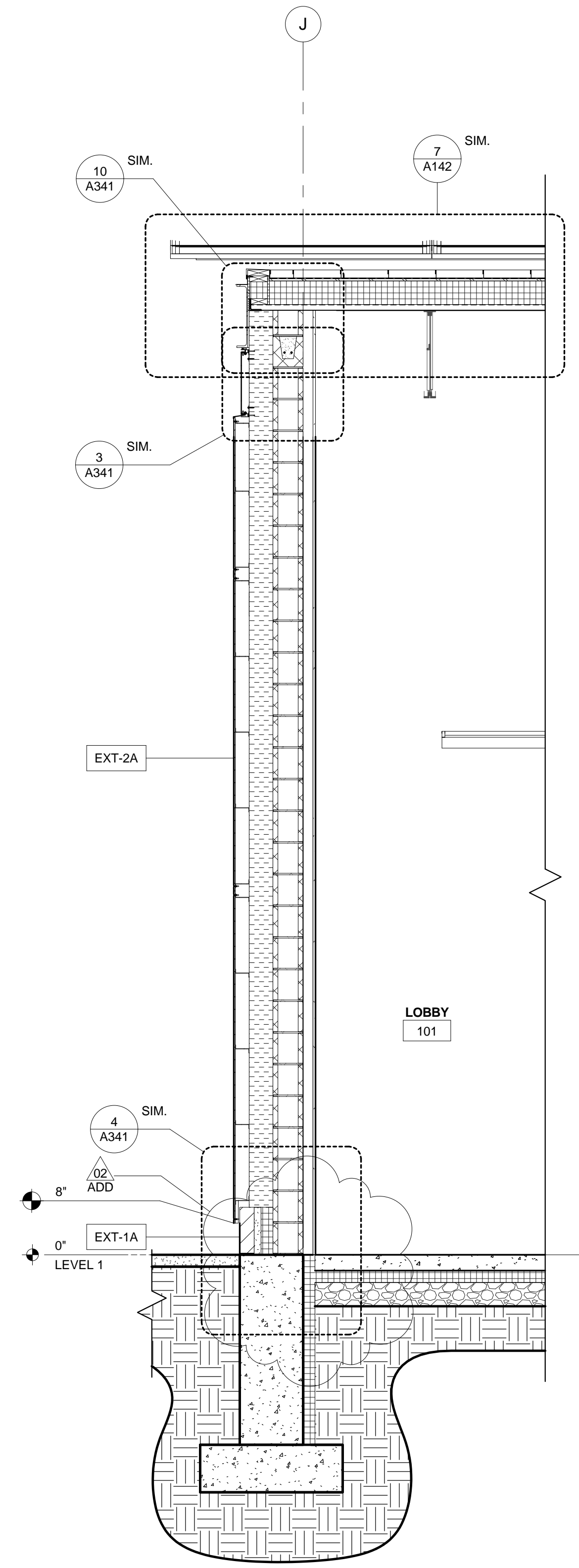
8 TRASH ENCLOSURE - CANE BOLT LATCH PLATE



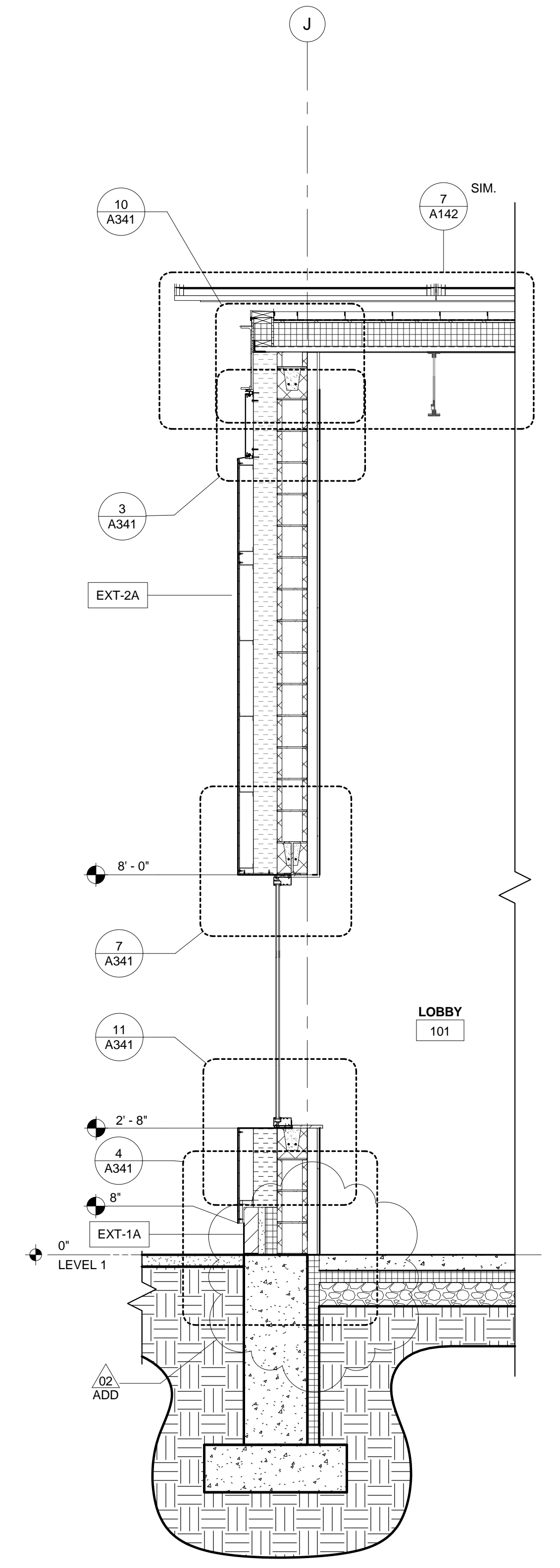
5 WALL SECTION  
1/2" = 1'-0"



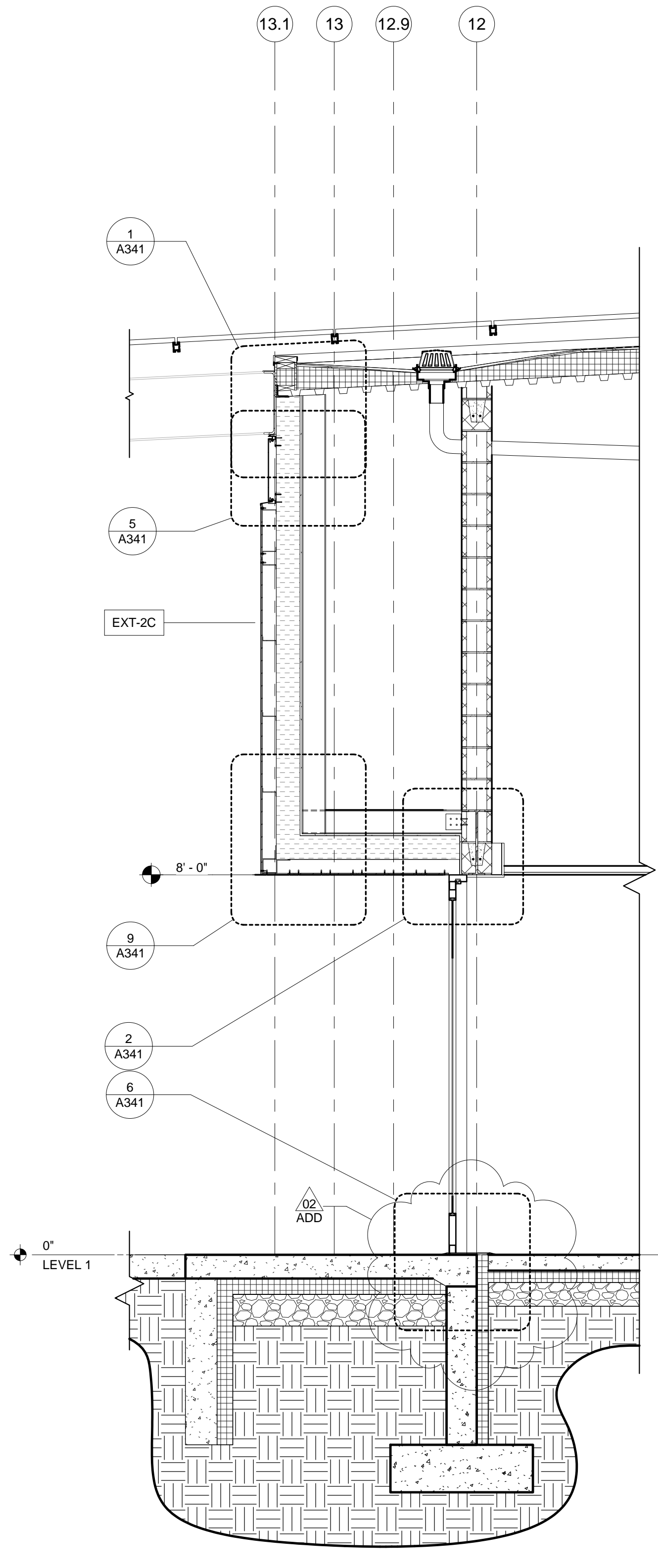
4 WALL SECTION  
1/2" = 1'-0"



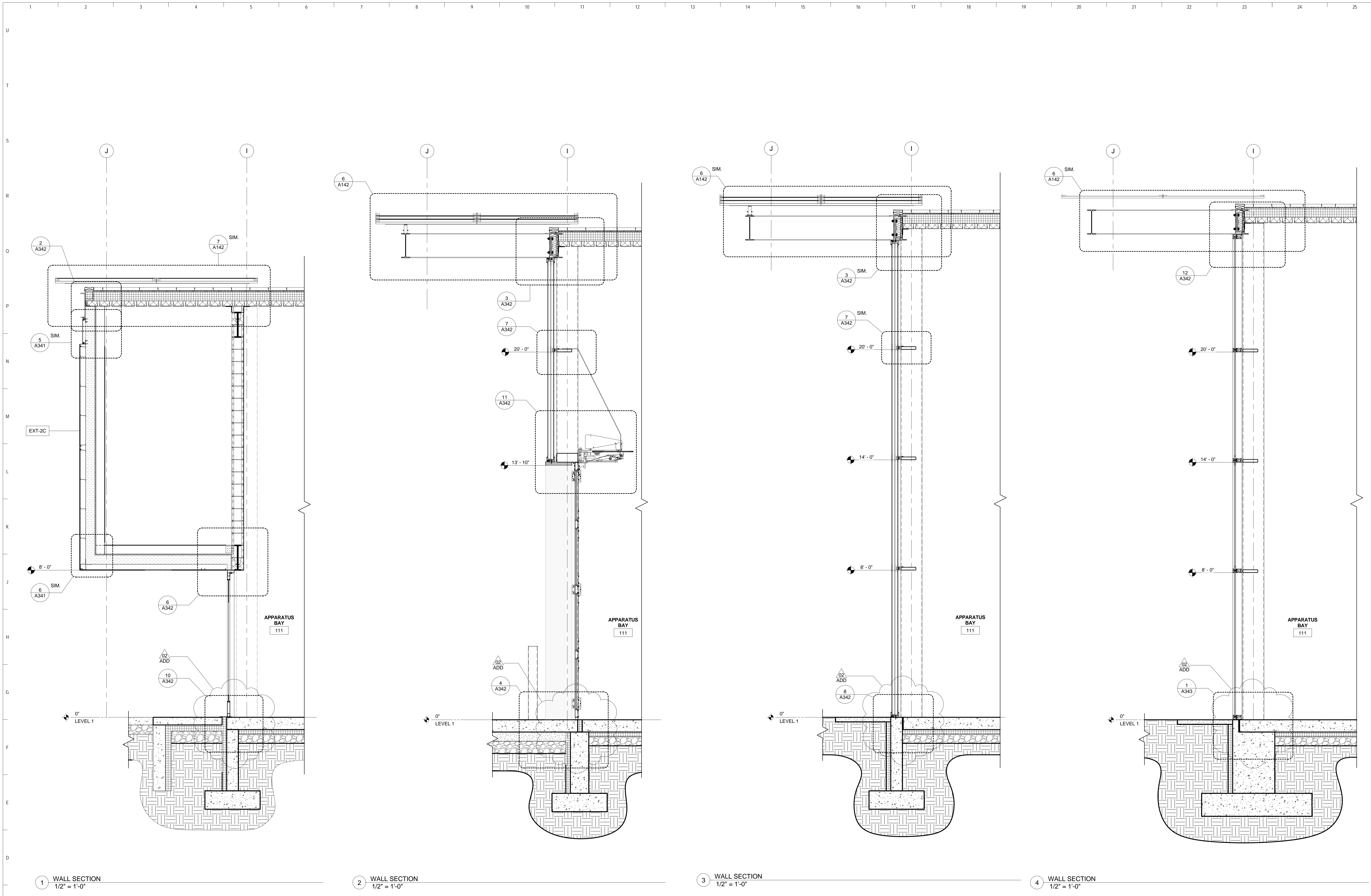
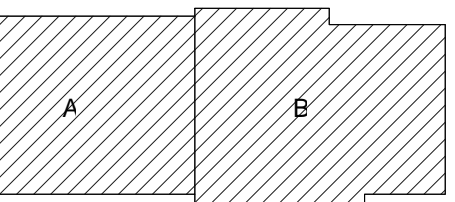
3 WALL SECTION  
1/2" = 1'-0"



2 WALL SECTION  
1/2" = 1'-0"



1 WALL SECTION  
1/2" = 1'-0"

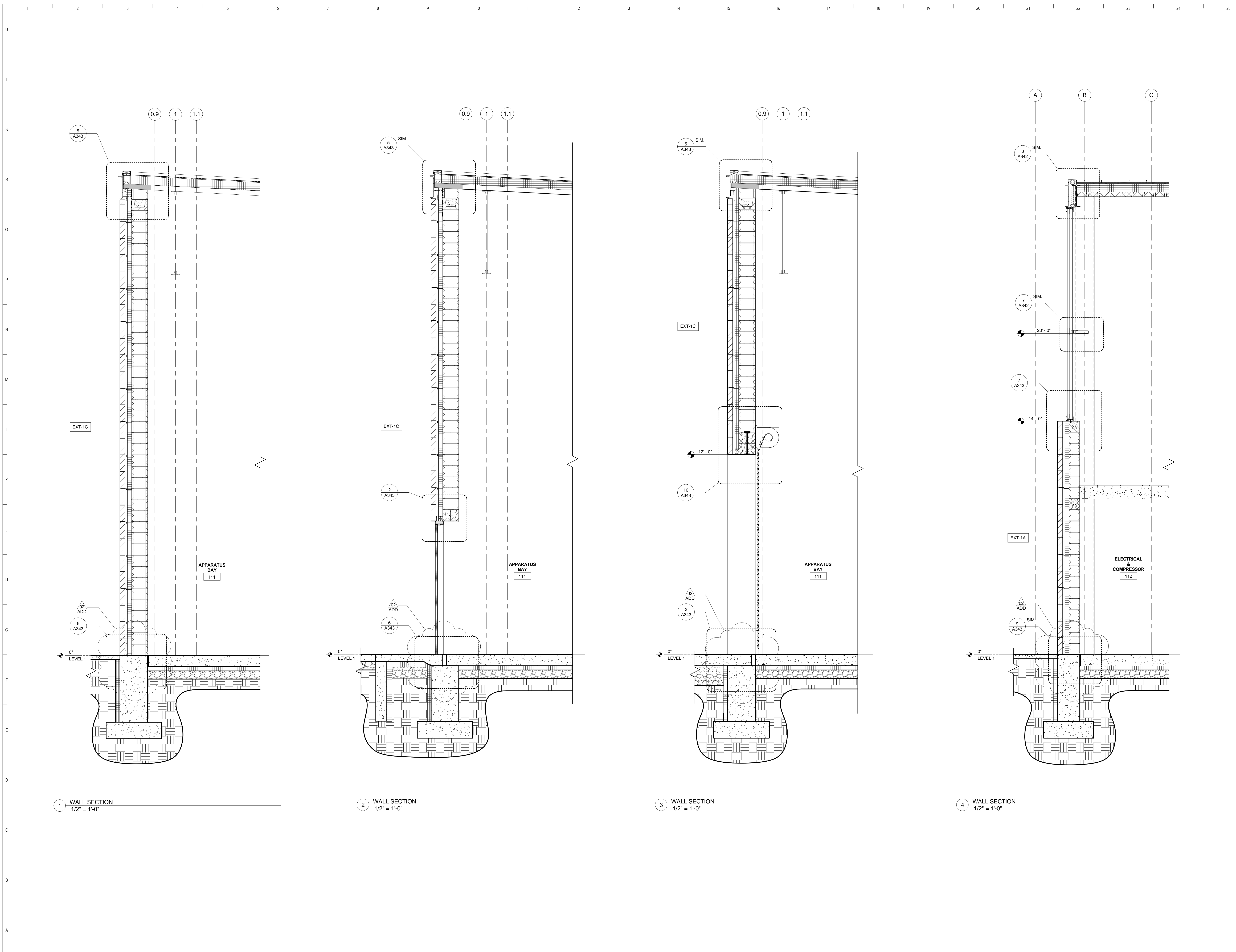
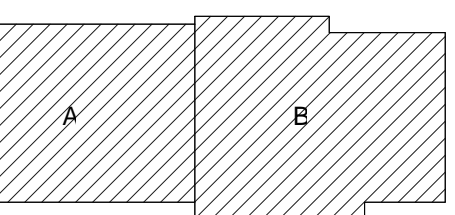


1 WALL SECTION  
1/2" = 1'-0"

2 WALL SECTION  
1/2" = 1'-0"

3 WALL SECTION  
1/2" = 1'-0"

4 WALL SECTION  
1/2" = 1'-0"

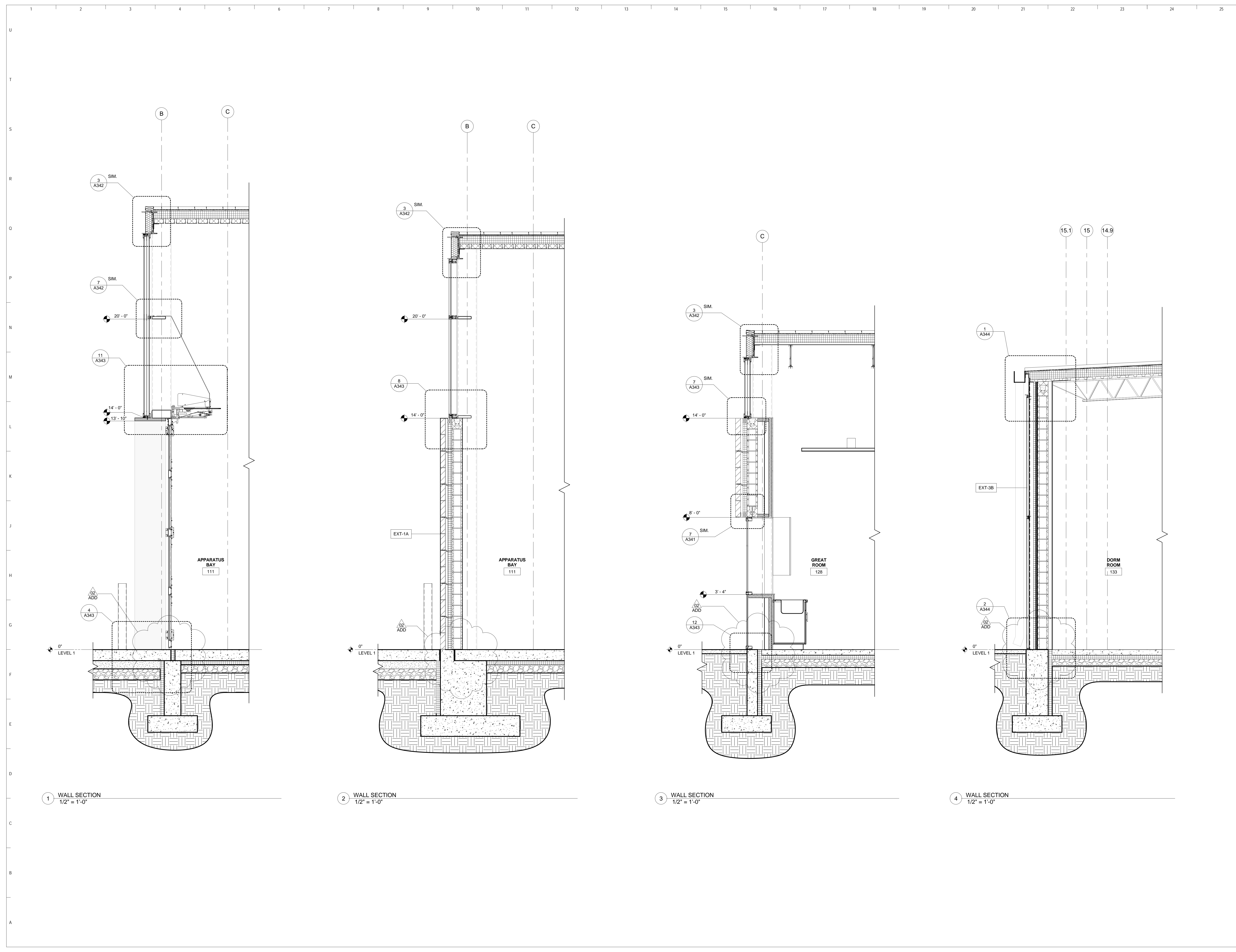
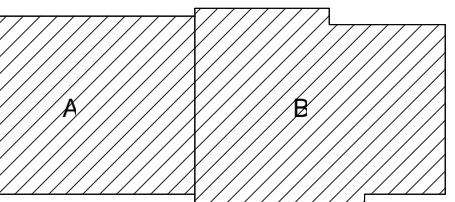


1 WALL SECTION  
1/2" = 1'-0"

2 WALL SECTION  
1/2" = 1'-0"

3 WALL SECTION  
1/2" = 1'-0"

4 WALL SECTION  
1/2" = 1'-0"

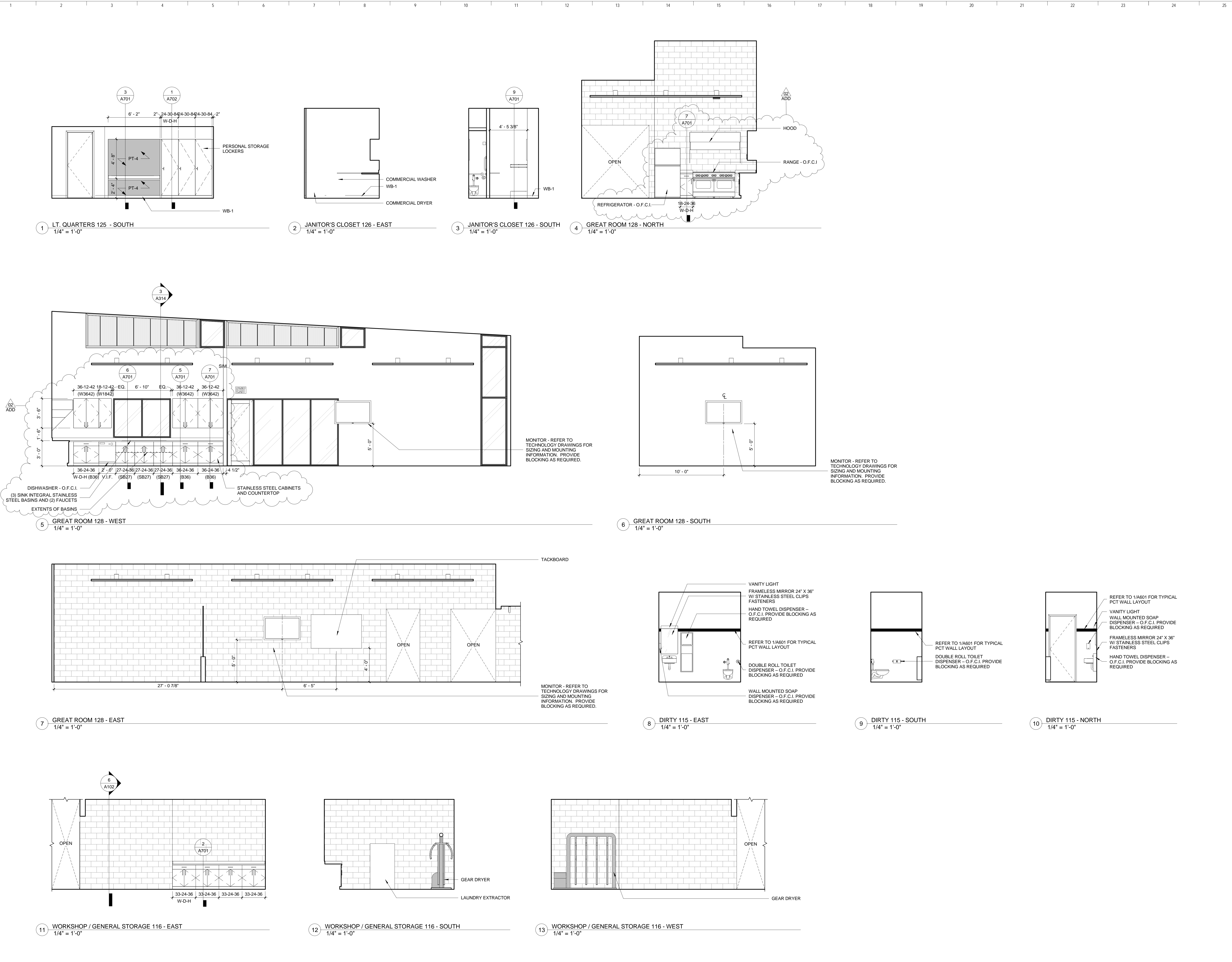
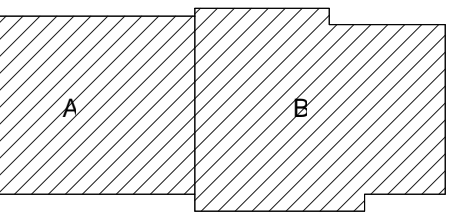


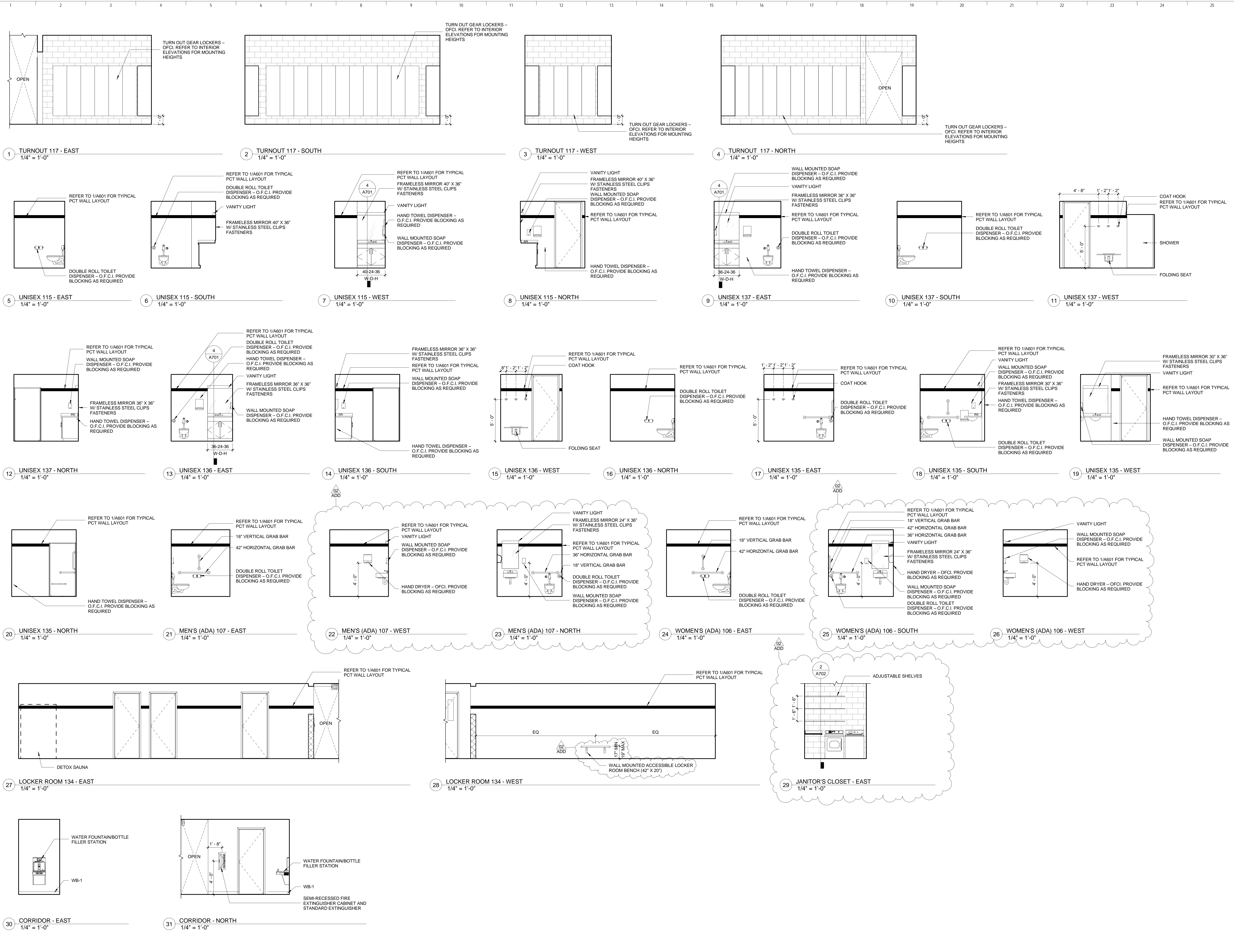
1 WALL SECTION  
1/2" = 1'-0"

2 WALL SECTION  
1/2" = 1'-0"

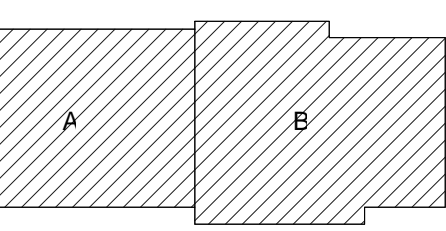
3 WALL SECTION  
1/2" = 1'-0"

4 WALL SECTION  
1/2" = 1'-0"





Key Plan



Sheet Issue Date  
**BID DOCUMENTS** 11/03/17

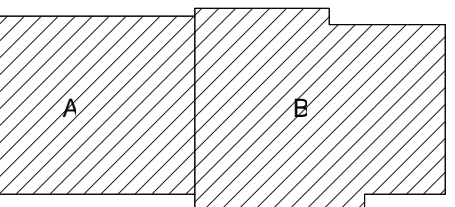
Revision Date  
ADDENDA 42 11/22/17

**BID DOCUMENTS**

Drawing  
**INTERIOR ELEVATIONS**

City of Madison Contract No. 8027  
OPN Project No. 17207800

Key Plan



Sheet Issue Date  
**BID DOCUMENTS** 11/03/17

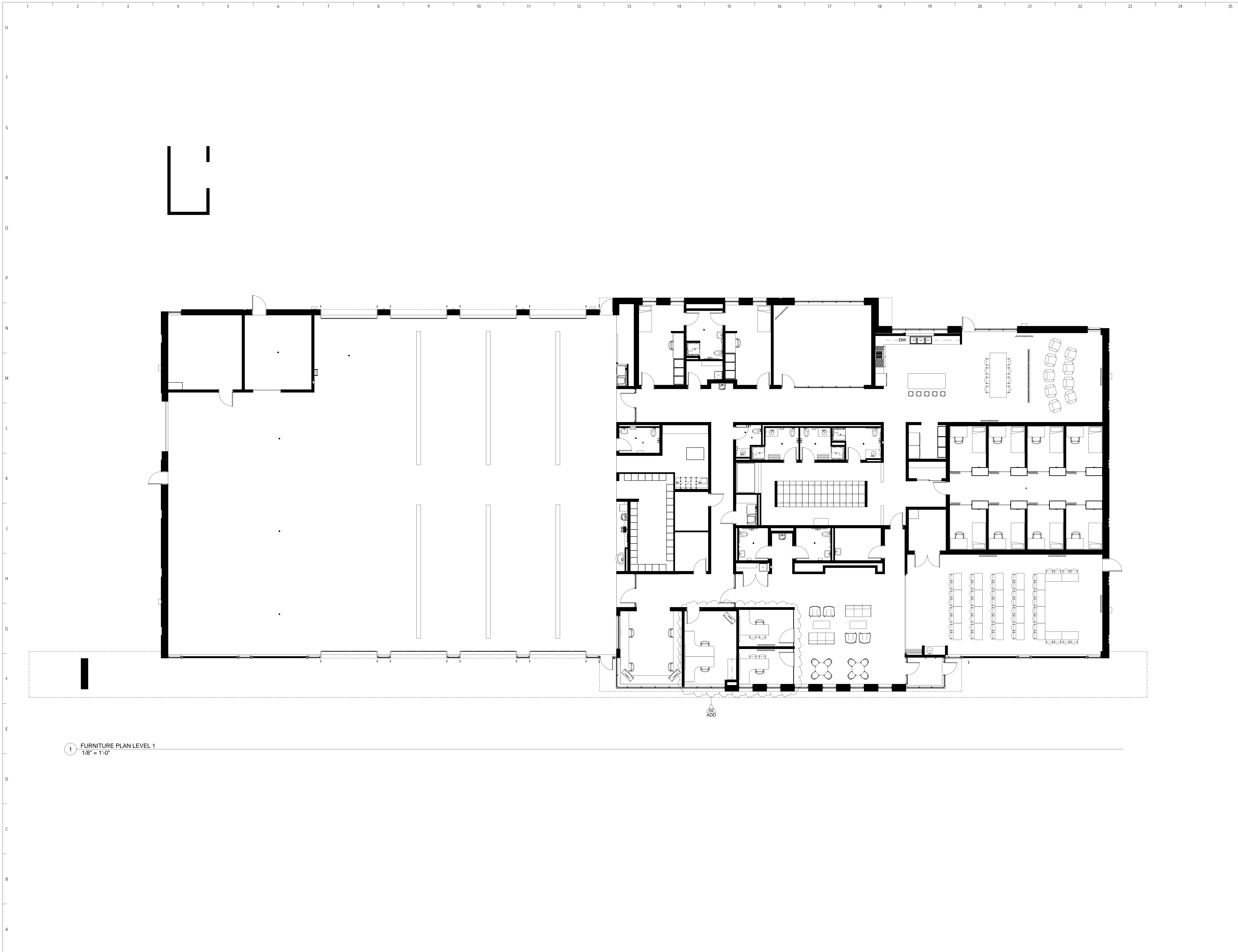
Revision	Date
ADDENDA 42	11/22/17

**BID DOCUMENTS**

Drawing  
**FURNITURE PLAN**

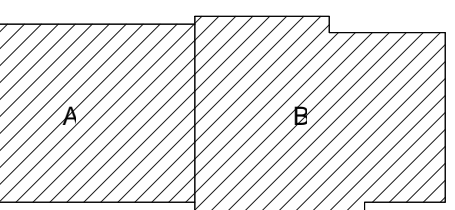
City of Madison Contract No. 8027  
OPN Project No. 17207900

**A501**



1 FURNITURE PLAN LEVEL 1  
1/8" = 1'-0"

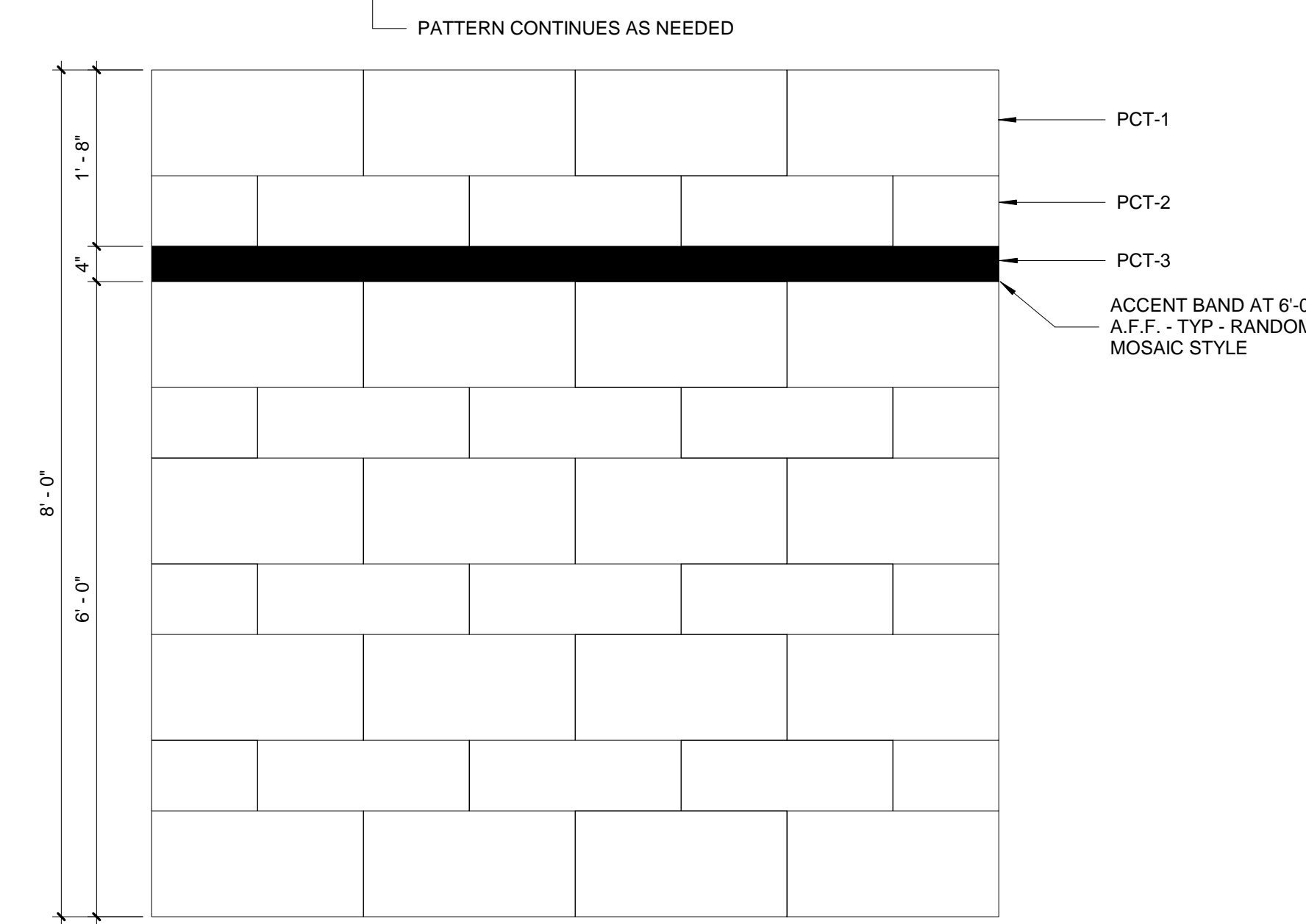




ROOM NAME	Number	FLOOR		WALL FINISH				CEILING FINISH	Remarks
		FINISH	BASE	NORTH	EAST	SOUTH	WEST		
LOBBY	101	POLISH CONC.	WB-1	SEE ELEVATION	SEE ELEVATION	SEE ELEVATION	PT-1		
SMALL MEETING	102	CPT-1, CPT-3	WB-1	PT-4	PT-1	--	PT-1		
SMALL MEETING	103	CPT-1, CPT-3	WB-1	PT-4	PT-1	--	PT-1		
JANITOR'S CLOSET	104	POLISH CONC.	WB-1	PT-1	PT-1	PT-2	PT-1		
CORRIDOR	105	PCT-4	PCT	PT-1	PT-1	PT-1	PT-1		
WOMEN'S (ADA)	106	PCT-4	PCT	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3		1
MEN'S (ADA)	107	PCT-4	PCT	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3		1
LIEUTENANT'S OFFICE	108	POLISH CONC.	WB-1	PT-1	PT-1	PT-1	PT-1		
WATCH	109	POLISH CONC.	WB-1	PT-1	PT-1	PT-1	PT-1		
CORRIDOR	110	POLISH CONC.	WB-1	PT-1	PT-1	PT-1	PT-1		
APPARATUS BAY	111	RF-1, RF-2, RF-3	WB-1	PT-2	PT-2	PT-2	PT-2	PT-3	
ELECTRICAL & COMPRESSOR	112	RF-1	WB-1	PT-2	PT-2	PT-2	PT-2	PT-3	
TOOL STORAGE & WATER	113	RF-1	WB-1	PT-2	PT-2	PT-2	PT-2	PT-3	
STAIR	114	--	WB-1	PT-1	PT-1	PT-1	PT-1		
DIRTY	115	PCT	PCT	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3		1
WORKSHOP / GENERAL STORAGE	116	RF-1	WB-1	PT-2	PT-2	PT-2	PT-2	PT-3	
TURNOUT	117	RF-1	WB-1	PT-2	PT-2	PT-2	PT-2	PT-3	
EMS STORAGE	118	POLISH CONC.	WB-1	PT-1	PT-1	PT-1	PT-1		
I.T.	119	POLISH CONC.	WB-1	PT-1	PT-1	PT-1	PT-1		
LAUNDRY	120	POLISH CONC.	WB-1	PT-1	PT-1	PT-1	PT-1		
CORRIDOR	121	POLISH CONC.	WB-1	PT-1	PT-1	PT-1	PT-1		
UNISEX	122	PCT-4	PCT	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3		1
LT. QUARTERS	123	RB-1	WB-1	PT-1	PT-1	PT-1	PT-1		
LT. SHOWER (ADA)	124	PCT	PCT	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3		1
LT. QUARTERS	125	POLISH CONC.	WB-1	PT-1	PT-1	PT-1	PT-1		
JANITOR'S CLOSET	126	POLISH CONC.	WB-1	PT-1	PT-1	PT-1	PT-1		
FITNESS	127	RB-3	WB-1	PT-4	PT-1	PT-1	PT-1		
GREAT ROOM	128	POLISH CONC., PCT	WB-1	PT-1	PT-1	PT-1	PT-1		
PANTRY	129	POLISH CONC.	WB-1	PT-1	PT-1	PT-1	PT-1		
CORRIDOR	130	POLISH CONC.	WB-1	PT-1	PT-1	PT-1	PT-1		
CORRIDOR	131	POLISH CONC.	WB-1	PT-1	PT-1	PT-1	PT-1		
LINEN CLOSET	132	POLISH CONC.	WB-1	PT-1	PT-1	PT-1	PT-1		
DORM ROOM	133	RB-1, RB-2	WB-1	PT-4	PT-1	PT-4	PT-1		
LOCKER ROOM	134	POLISH CONC.	WB-1	PT-1	PT-1	PT-1	PT-1		
UNISEX (ADA)	135	PCT-4	PCT	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3		1
UNISEX	136	PCT-4	PCT	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3		1
UNISEX	137	PCT-4	PCT	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3		1
COMFORT ROOM	138	PCT-4	PCT	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3		
COMMUNITY ROOM STORAGE	139	POLISH CONC.	WB-1	PT-1	PT-1	PT-1	PT-1		
COMMUNITY / TRAINING ROOM	140	SEE FINISH PLAN	WB-1	PT-1	PT-1	PT-1	PT-1		

**REMARKS**

- REFER TO TYPICAL PCT WALL LAYOUT BELOW (1 / A601)



1 TYPICAL PCT WALL LAYOUT

ADD

Grid lines: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25

Vertical labels: U, T, S, R, O, P, N, M, L, K, J, H, G, F, E, D, C, B, A

**ROOM FINISH SPECIFICATIONS:**

**CARPET:**

CPT-1 MANUFACTURER: INTERFACE CARPET  
STYLE: ON LINE - 128740AK00  
COLOR: 104334 PEWTER/CLOUD  
SIZE: 25CM X 1M  
INSTALLATION: ASHLAR / REFER TO FINISH PLAN

CPT-2 MANUFACTURER: INTERFACE CARPET  
STYLE: ON LINE - 128740AK00  
COLOR: 103788 PEPPER  
SIZE: 25CM X 1M  
INSTALLATION: ASHLAR / REFER TO FINISH PLAN

CPT-3 MANUFACTURER: INTERFACE CARPET  
STYLE: ON LINE - 128740AK00  
COLOR: 105272 BERRY  
SIZE: 25CM X 1M  
INSTALLATION: ASHLAR / REFER TO FINISH PLAN

**CORNER GUARD:**

CG-1 MANUFACTURER: KOROSEAL  
STYLE: BENT METAL  
COLOR: ALUMINIUM  
SIZE: 1" WIE - FLOOR TO CEILING (A.F.F.)  
INSTALLATION: REFER TO FINISH PLANS FOR LOCATION  
NOTE: TYPICAL TYPES INCLUDE:  
90 DEGREE ANGLE

**GROUT:**

GT-1 MANUFACTURER: BOSTIK - TRU COLOR  
COLOR: DELOREAN GRAY - H160  
APPLICATION: WALLS AND FLOORS

**PAINT:**

PT-1 MANUFACTURER: SHERWIN WILLIAMS  
COLOR: SNOWBOUND SW 7004  
FINISH: SATINEG-SHEL

PT-2 MANUFACTURER: SHERWIN WILLIAMS  
COLOR: MINDFUL GRAY SW 7016  
FINISH: SATINEG-SHEL

PT-3 MANUFACTURER: SHERWIN WILLIAMS  
COLOR: DOVETAIL SW 7018  
FINISH: SATINEG-SHEL

PT-4 MANUFACTURER: SHERWIN WILLIAMS  
COLOR: BOLERO SW 7600  
FINISH: SATINEG-SHEL

**PORCELAIN TILE:**

PCT-1 MANUFACTURER: RBC TILE & STONE  
STYLE: MARATHON  
COLOR: WHITE  
SIZE: 12" X 24"  
APPLICATION: RESTROOM / LOCKER ROOM WALLS  
(NOTE - SHOWER WALLS ARE SOLID SURFACE)

PCT-2 MANUFACTURER: RBC TILE & STONE  
STYLE: MARATHON  
COLOR: WHITE  
SIZE: 18" X 24"  
APPLICATION: RESTROOM / LOCKER ROOM WALLS  
(NOTE - SHOWER WALLS ARE SOLID SURFACE)

PCT-3 MANUFACTURER: RBC TILE & STONE  
STYLE: MARATHON  
COLOR: BLACK  
SIZE: RANDOM MOASIC - 4" TALL BAND  
ACCENT BAND IN RESTROOM / LOCKER ROOM WALLS  
(NOTE - SHOWER WALLS ARE SOLID SURFACE)

PCT-4 MANUFACTURER: DAL TILE  
STYLE: EXHIBITION  
COLOR: BLACK EX05 - UNPOLISHED  
SIZE: 24" X 48"  
APPLICATION: FLOOR TILE

**RUBBER FLOORING:**

RB-1 MANUFACTURER: NORA SYSTEMS, INC.  
STYLE: NORAMENT GRANO 4881  
COLOR: HEMATITE  
SIZE: 39.53 (1004MM) X 39.53" (1004MM)  
INSTALLATION: ASHLAR

RB-2 MANUFACTURER: NORA SYSTEMS, INC.  
STYLE: NORAMENT GRANO 4881  
COLOR: CEPHALOPOD  
SIZE: 39.53 (1004MM) X 39.53" (1004MM)  
INSTALLATION: ASHLAR

RB-3 MANUFACTURER: MONDO  
STYLE: SPORT IMPACT  
COLOR: BLACK  
SIZE: ROLLS (6" WIDE, 3/8" THICK)  
INSTALLATION: MONOLITHIC

**SOLID SURFACE:**

SLD-1 MANUFACTURER: CORIAN  
COLOR: GRAY  
APPLICATION: SHOWER WALLS

SLD-2 MANUFACTURER: CORIAN  
COLOR: GLACIER WHITE  
APPLICATION: WINDOW SILLS

**SOLID SURFACE SHOWER TRAY:**

ST MANUFACTURER: CORIAN  
COLOR: GRAY  
SIZE: CASUAL 800mm  
APPLICATION: SHOWER TRAY

**WALL BASE**

WB-1 MANUFACTURER: JOHNSONITE  
STYLE: RUBBER COVE BASE  
SIZE: 2 1/2"  
COLOR: 63 BURNT UMBER

**WOOD:**

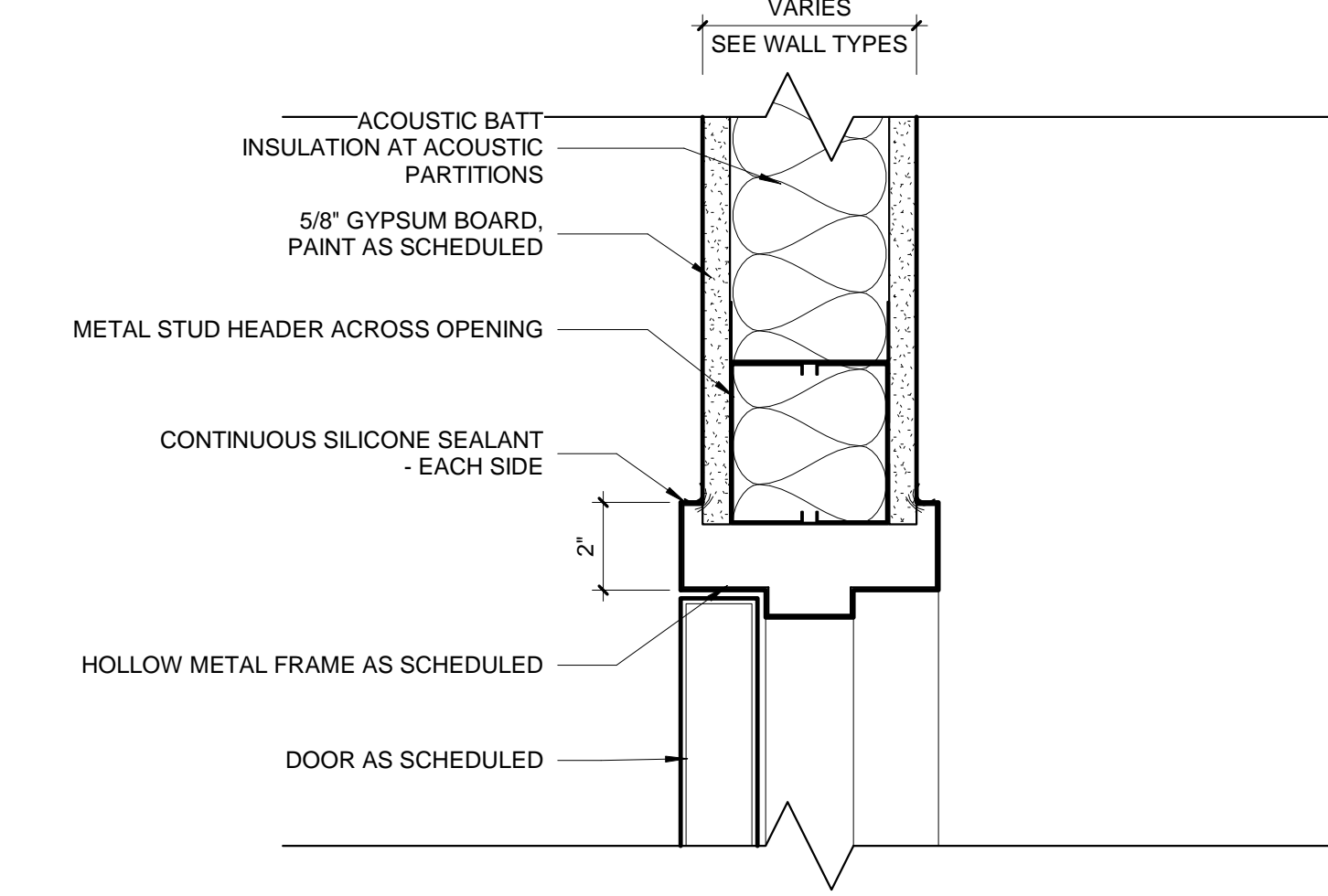
WD-1 MANUFACTURER: MARSHFIELD DOOR SYSTEMS  
SPECIES: WHITE MAPLE  
COLOR/FINISH: AMBER 30 - 95  
APPLICATION: DOORS

WD-1 MANUFACTURER: MARSHFIELD DOOR SYSTEMS  
SPECIES: WHITE MAPLE  
COLOR/FINISH: AMBER 30 - 95  
APPLICATION: DOORS

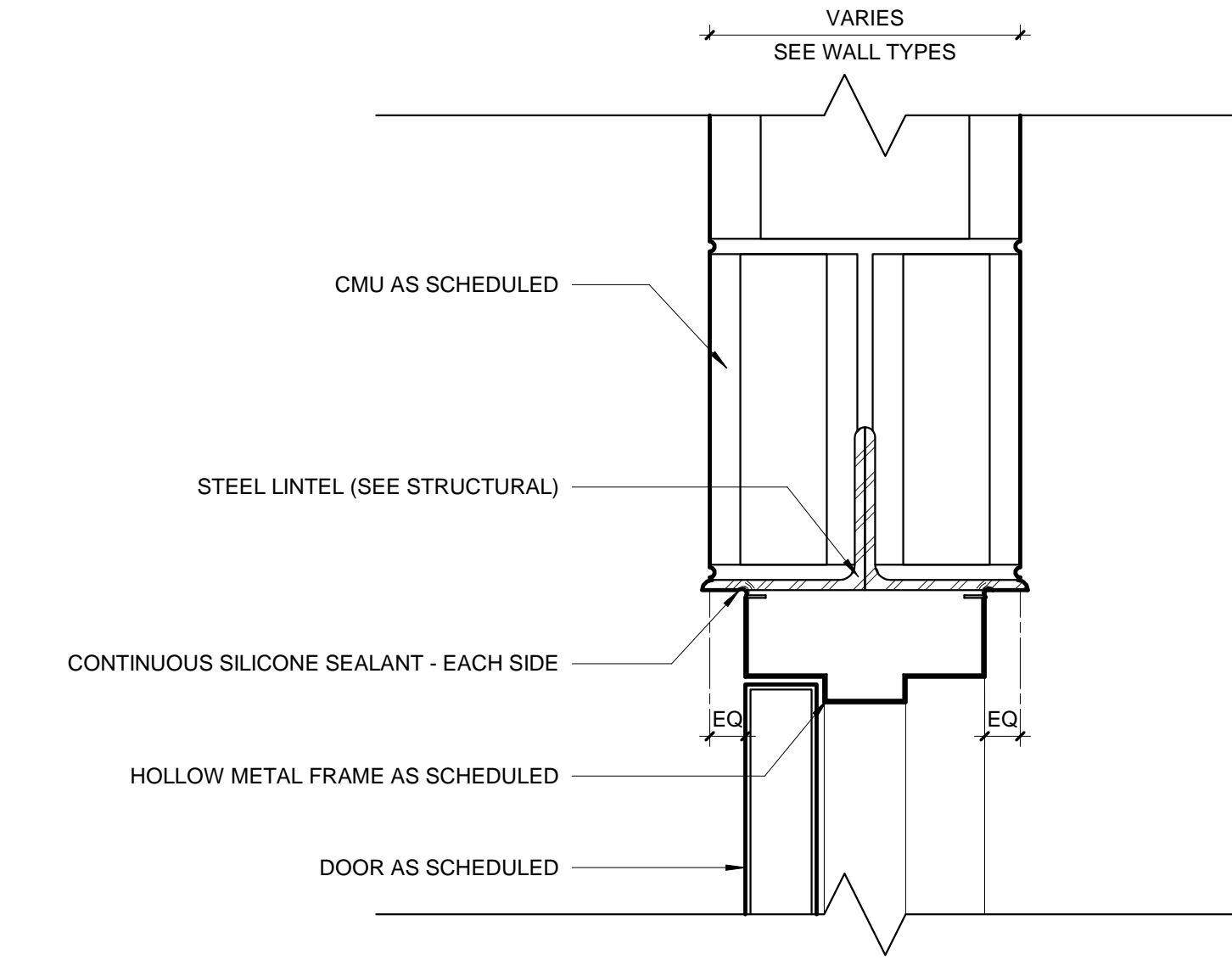
DOOR SCHEDULE														
DOOR NUMBER	PANEL QUANTITY	PANEL TYPE	PANEL				FRAME				Hardware Set	FIRE RATING	REMARKS	
			WIDTH	HEIGHT	PANEL MATERIAL	PANEL FINISH	FRAME TYPE	FRAME WIDTH	FRAME HEIGHT	MATERIAL				FINISH
100A	1	FG	3'-0"	7'-10"	ALUM	PT	--	--	ALUM	PT	12	--	--	
101A	1	FG	3'-6"	7'-10"	ALUM	PT	--	--	ALUM	PT	17	--	--	
101B	1	NL	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	13	--	--
102A	1	G	3'-6"	9'-0"	ALUM	PT	--	--	--	--	4	--	1	
103A	1	G	3'-6"	9'-0"	ALUM	PT	--	--	--	--	4	--	1	
104A	2	F	6'-0"	7'-10"	WD	PT	AA	6'-4"	8'-0"	HM	PT	18	--	2
106A	1	F	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	15	--	3
107A	1	F	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	15	--	3
108A	1	NL	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	16	--	7
110A	1	FG	3'-6"	7'-10"	ALUM	PT	--	--	ALUM	PT	16	--	7	
112A	1	F	3'-4"	7'-10"	HM	PT	AA	3'-8"	8'-0"	HM	PT	21	--	2
115A	1	F	3'-0"	7'-10"	HM	PT	AA	3'-4"	8'-0"	HM	PT	15	--	--
118A	1	F	3'-4"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	7	--	--
119A	1	F	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	3	--	--
120A	1	F	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	11	--	--
122A	1	F	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	19	--	3
123A	1	F	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	23	20 MIN.	--
124A	1	F	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	5	--	--
124B	1	F	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	5	--	--
125A	1	F	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	23	20 MIN.	--
126A	1	F	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	10	--	--
127A	1	F	3'-0"	7'-10"	WD	PT	BB	--	--	ALUM	PT	12	--	--
130A	1	FG	3'-6"	7'-10"	ALUM	PT	--	--	ALUM	PT	16	--	7	
132A	2	F	6'-0"	7'-10"	WD	ST	AA	6'-4"	8'-0"	HM	PT	20	--	2, 4
133A	1	NL	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	12	20 MIN.	--
135A	1	F	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	15	--	3
136A	1	F	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	15	--	3
137A	1	F	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	15	--	3
138A	1	F	3'-0"	7'-10"	WD	ST	AA	3'-4"	8'-0"	HM	PT	15	--	--
139A	2	F	6'-0"	7'-10"	WD	PT	AA	6'-4"	8'-0"	HM	PT	14	--	2
200A	--	--	19'-3 1/4"	8'-0"	--	--	--	19'-3 1/4"	9'-0"	--	--	24	--	--
EXT-01	1	FG	3'-0"	7'-10"	ALUM	PT	--	--	ALUM	PT	11	--	--	
EXT-02	1	FG	3'-0"	7'-10"	ALUM	PT	--	--	ALUM	PT	18	--	--	
EXT-03	1	NL	3'-0"	7'-10"	IHM	PT	AA	3'-4"	8'-0"	IHM	PT	22	--	5
EXT-04	1	NL	3'-4"	7'-10"	IHM	PT	AA	3'-4"	8'-0"	IHM	PT	9	--	5
EXT-05	1	FG	3'-0"	7'-10"	ALUM	PT	--	--	ALUM	PT	8	--	--	
EXT-06	1	FG	3'-0"	7'-10"	ALUM	PT	--	--	ALUM	PT	15	--	--	
EXT-07	1	F	3'-0"	7'-10"	IHM	PT	AA	3'-4"	8'-0"	IHM	PT	13	--	5

OVERHEAD DOOR SCHEDULE						
DOOR NUMBER	PANEL TYPE	WIDTH	HEIGHT	PANEL MATERIAL	PANEL FINISH	REMARKS
OH-01	SOH-1	13'-8"	14'-0"	ISTL	PT	6
OH-02	SOH-1	13'-8"	14'-0"	ISTL	PT	6
OH-03	SOH-1	13'-8"	14'-0"	ISTL	PT	6
OH-04	SOH-1	13'-8"	14'-0"	ISTL	PT	6
OH-05	COH	12'-0"	12'-0"	ISTL	PT	--
OH-06	COH	6'-8"	8'-0"	STL	PT	--
OH-07	SOH-2	13'-8"	14'-0"	ISTL	PT	6
OH-08	SOH-2	13'-8"	14'-0"	ISTL	PT	6
OH-09	SOH-2	13'-8"	14'-0"	ISTL	PT	6
OH-10	SOH-2	13'-8"	14'-0"	ISTL	PT	6

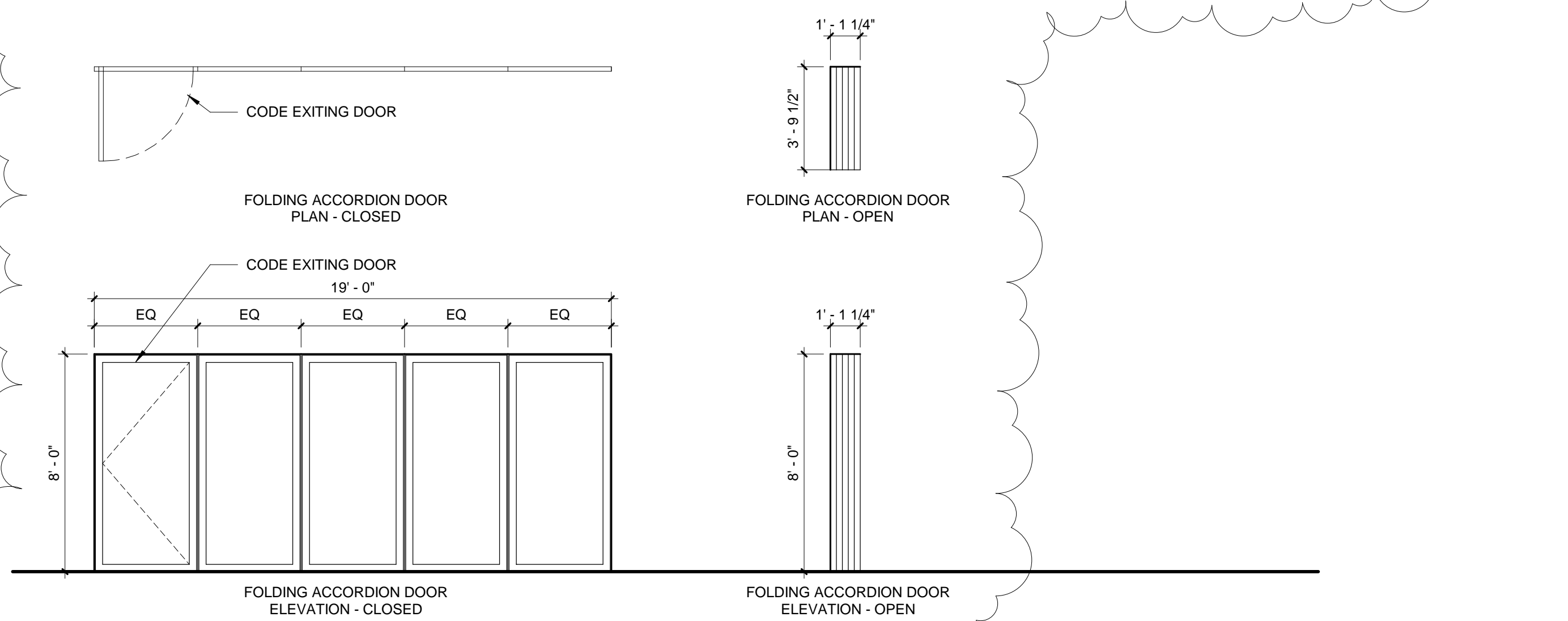
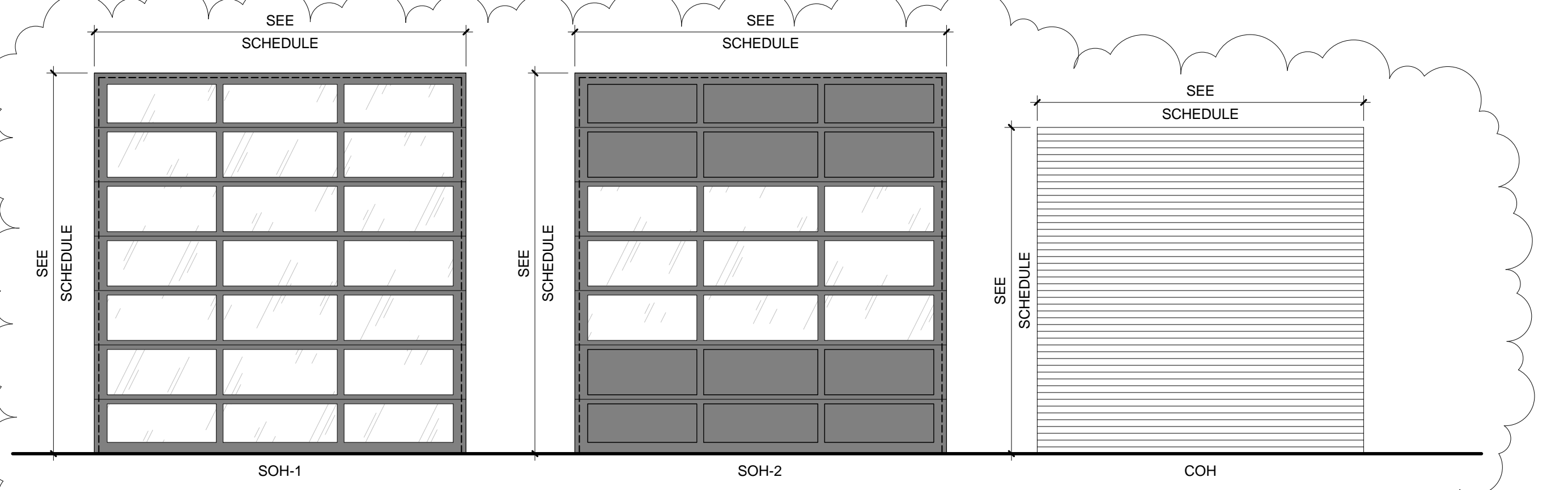
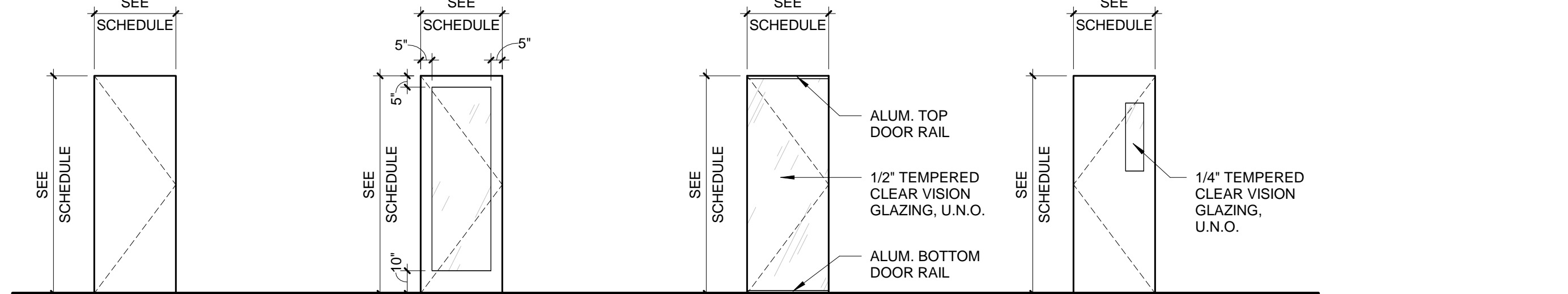
- REMARKS**
- FRAMELESS GLASS DOOR. CUSTOM VINYL GRAPHIC ARTWORK. ARCHITECT TO PROVIDE DESIGN CONCEPT.
  - PAINT DOOR AND FRAME TO MATCH ADJACENT WALL.
  - RESTROOM SIGN REQUIRED.
  - SLIDING DOOR.
  - PAINT DOOR AND FRAME TO MATCH ADJACENT WALL. (2) COLORS REQUIRED FOR INTERIOR / EXTERIOR.
  - REFER TO A801 FOR ADDITIONAL INFORMATION ON ALTERNATE #1 DOOR TYPE AND DETAILS.
  - INTERIOR DOOR - THERMALLY BROKEN ALUMINUM STOREFRONT WINDOW SYSTEM. 1" INSULATED GLASS UNITS, WEATHER STRIPPING AND DOOR THRESHOLD.



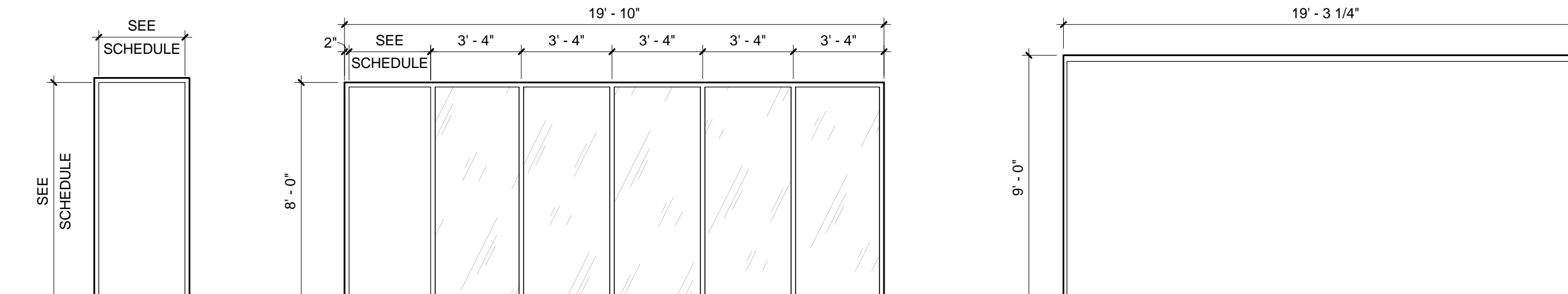
3 GE - DOOR - H.M. FRAME HEAD



4 GE - DOOR - H.M. FRAME HEAD @ CMU



DOOR PANEL TYPES



DOOR FRAME ELEVATIONS

**DISCONNECT AND STARTER SCHEDULE**

NOTE: ALL DISCONNECTS (EXCEPT MANUAL STARTERS) SHALL BE HEAVY DUTY TYPE.

DISCONNECT TYPE:	REMARKS:		
FU - FUSED	SA - STANDARD ACCESSORIES (INCLUDES * ITEMS)	PF - PHASE FAILURE RELAY (6 HP OR GREATER)	
NF - NON-FUSED	*CT - CONTROL TRANSFORMER, FUSED 120V	TO - MELTING THERMAL OVERLOADS	
CB - CIRCUIT BREAKER	*EO - ELECTRONIC OVERLOAD	TS - 2 SPEED SELECTOR SWITCH IN DOOR	
	*HA - HAND-OFF-AUTO IN DOOR	GP - GREEN (OFF) PILOT LIGHT IN DOOR	
	*RP - RED PILOT LIGHT IN DOOR	FA - 4-CONVERTIBLE AUXILIARY CONTACTS	
	*TA - TWO CONVERTIBLE AUXILIARY CONTACTS	EI - ELECTRICAL INTERLOCK (2)N.O. & (2)N.C.	
	SN - INSULATED NEUTRAL ASSEMBLY	SS - START-STOP PUSHBUTTON IN DOOR	
	EI - ELECTRICAL INTERLOCK WITH CONTACTS	HL - HANDLE PADLOCK HASP	
STARTER TYPE:			
FV - FULL VOLTAGE			
YD - WYE - DELTA			
RE - REVERSING			
TW - 2 SPEED, 2 WINDING			
SW - 2 SPEED, 1 WINDING			
RV - REDUCED VOLTAGE AUTOXFMR			
SS - SOLID STATE			
MS - MANUAL STARTER			
MX - MANUAL SWITCH			
FS - FUSED SWITCH			

ITEM	DISCONNECT TYPE & RATING	CIRCUIT VOLTAGE	POLES	STARTER TYPE	NEMA ENCLOSURE	REMARKS	APPROVED MANUFACTURERS
DS-60	NF 60 A	480 V	3		1		SQUARE D 3110 HU362
DS-60A	NF 60 A	600 V	3		4X	EI	SQUARE D 3110 HU362DEI
DS-100	NF 100 A	480 V	3		1		SQUARE D 3110 HU363
DS-200	NF 200 A	480 V	3		1		SQUARE D 3110 HU364
MX-1		30 A	120 V	0	MX		SQUARE D 2510 K61

**LUMINAIRE SCHEDULE**

(MTG) MOUNTING:	(TYPE) LAMP TECHNOLOGY:	(L/L) LENS / LOUVER:
RE - RECESSED	FL - FLUORESCENT	A - 125 ACRYLIC
SP - SUSPENDED	CF - COMPACT FLUORESCENT	B - BLACK BAFFLE
CL - CEILING SURFACE	HL - HALOGEN	C - CLEAR ALZAK
WL - WALL	IN - INCANDESCENT	D - PARABOLIC
UC - UNDER CABINET	LED - LIGHT EMITTING DIODE	F - FRESNEL
CV - COVE	HS - HIGH PRESSURE SODIUM	G - TEMPERED GLASS
PL - POLE	MH - METAL HALIDE	H - WALL WASHER
FR - FLANGED RECESSED	SMH - SUPER METAL HALIDE	K - POLYCARBONATE
O - OTHER (SEE DESCRIPTION)	PSMH - PULSE START METAL HALIDE	K - KSH12 125" ACRYLIC
	CMH - CERAMIC METAL HALIDE	K19 - KSH19 156" ACRYLIC
	O - OTHER (SEE DESCRIPTION)	L - LOW IRIDESCENT SPECULAR ALUM.
	XL - EXTENDED LIFE	N - NONE
	XLP - EXTENDED LIFE & OUTPUT	R - HIGH IMPACT OR ACRYLIC
		O - OTHER (SEE DESCRIPTION)

(TYPE) BALLAST:	(TYPE) BALLAST:
DIM07 - LINE DIMMING BALLAST	EB - ELECTRONIC BALLAST
PAF - PAINT AFTER FABRICATION	EM - EMERGENCY BATTERY / BALLAST
CSA - FINISH SELECTION BY ARCHITECT	DALI - DIGITAL DIMMING BALLAST
	ML - MULTI-LEVEL SWITCHING
	MV - MULTI-VOLTAGE ELECTRONIC 120V-277V
	PRS - ELECTRONIC PROGRAM RAPID START BALLAST

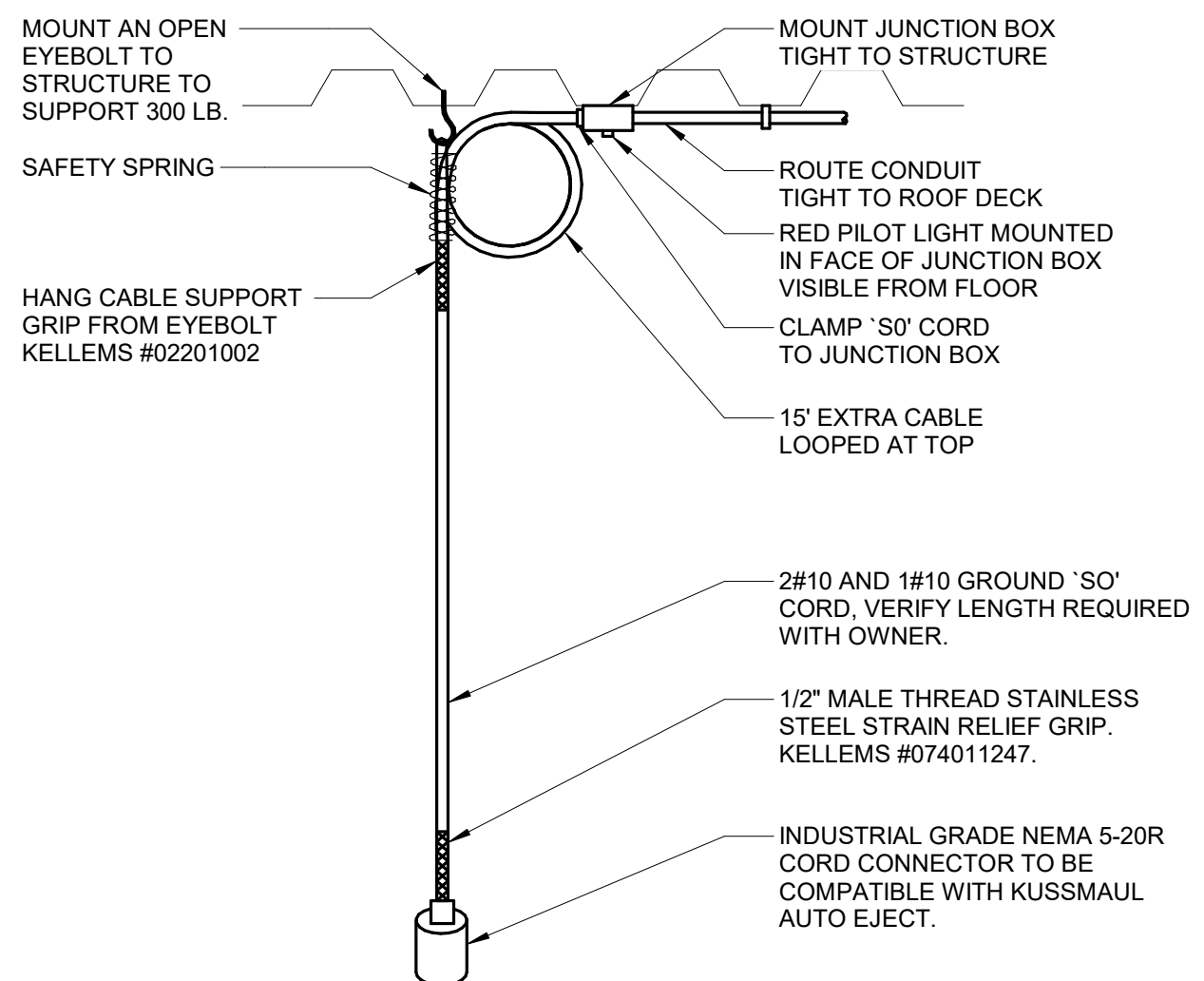
CATALOG NUMBER SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. THE COMPLETE DESCRIPTION AND THE SPECIFICATION SHALL BE COORDINATED WITH THE CATALOG NUMBER TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE FIRST MANUFACTURER LISTED IS THE BASIS FOR DESIGN.

REFER TO SPECIFICATION SECTIONS LIGHTING 26 51 00 AND EMERGENCY LIGHTING 26 52 00 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

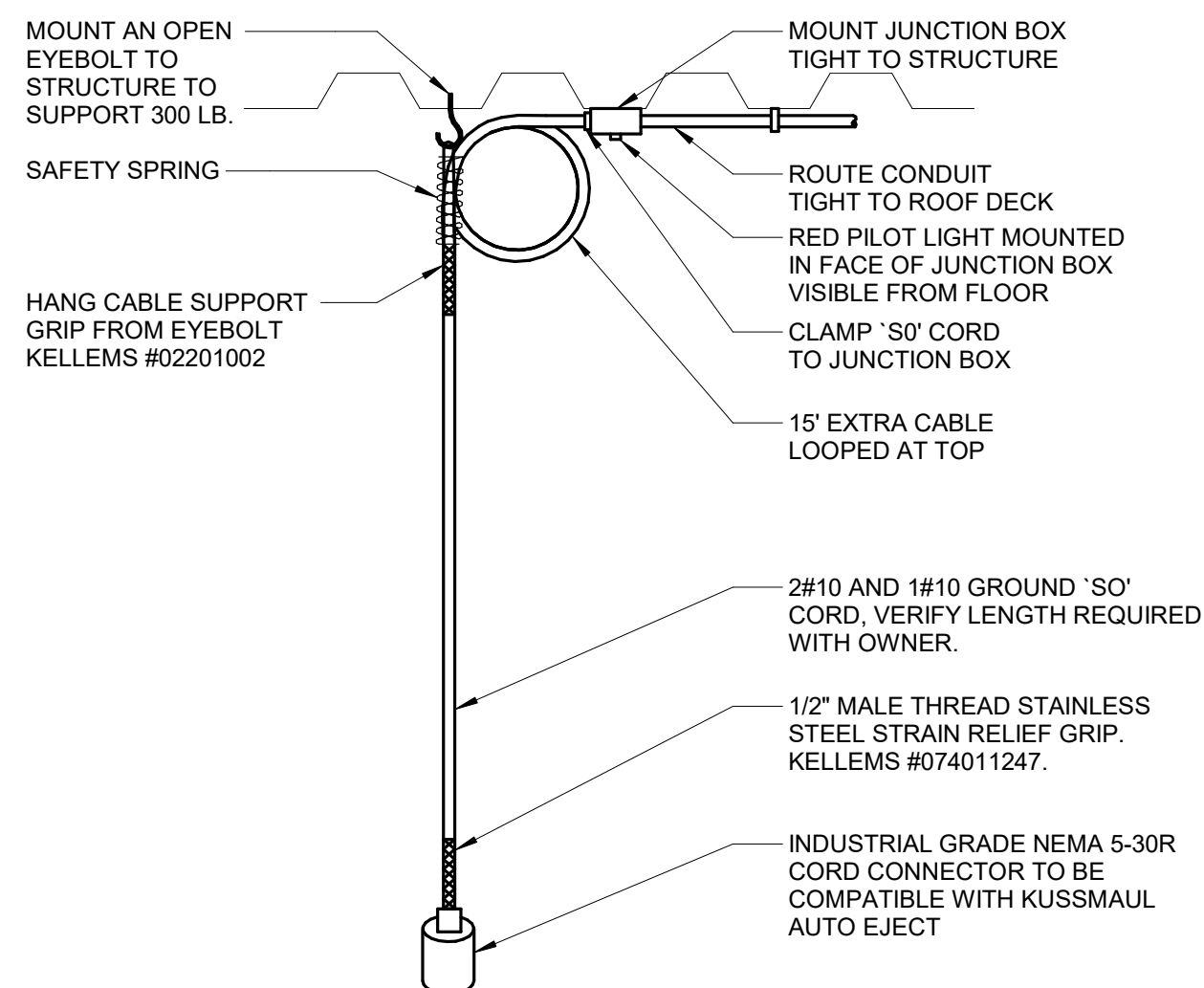
ALL LAMPS FOR THIS PROJECT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED. LAMP CORRELATED COLOR TEMPERATURE 4000°K, COLOR RENDERING INDEX (CRI) AT OR ABOVE 80, UNLESS NOTED OTHERWISE.

FINAL FIXTURE COLOR SELECTIONS TO BE CONFIRMED WITH ARCHITECT.

ITEM	DESCRIPTION	DIMENSIONS				MTG	TYPE	QTY	LAMPS		BALLAST		L/L	APPROVED MANUFACTURER
		L	W	H	DIA.				MODEL	WATTS	VOLT S	TYPE		
F1	8' INDUSTRIAL WITH NO UPLIGHT, BAKED ENAMEL FINISH.	8'-0"	1'-0"	4 1/4"		SP @ 20"	LED	1	18000 LUMENS 148 WATTS	120 V	DIM10		METALUX 8 LED LD4 18 W WG 27 LSSS CO	
F2	4' INDUSTRIAL WITH NO UPLIGHT, BAKED ENAMEL FINISH.	4'-0"	1'-0"	4 1/4"		SP @ 9"	LED	1	7000 LUMENS 57 WATTS	120 V	DIM10	A	METALUX 4 LED LD4 7 W FL 120 LSSS CO	
F3	RECESSED INDIRECT/DIRECT, PERFORATED METAL LAMP SHIELD WITH ACRYLIC DIFFUSER.	2'-0"	2'-0"	5 19/64"			RE LED	1	4200 LUMENS 41 WATTS	120 V	DIM10	A	LITHONIA 2VTL 40L ADP EZB LP835 METALUX FINELITE	
F4	RECESSED INDIRECT/DIRECT, PERFORATED METAL LAMP SHIELD WITH ACRYLIC DIFFUSER.	2'-0"	2'-0"	5 19/64"			RE LED	1	2200 LUMENS 20 WATTS	120 V	DIM10	A	LITHONIA 2VTL 20L ADP EZB LP835 METALUX FINELITE	
FAE	RECESSED INDIRECT/DIRECT, PERFORATED METAL LAMP SHIELD WITH ACRYLIC DIFFUSER, PROVIDE WITH UL94 EMERGENCY TRANSFER DEVICE.	2'-0"	2'-0"	5 19/64"			RE LED	1	2200 LUMENS 20 WATTS	120 V	DIM10	A	LITHONIA 2VTL 20L ADP EZB LP835 METALUX FINELITE	
F5	OPEN RECESSED DOWNLIGHT, CLEAR SPECULAR PARABOLIC SELF TRIMMING REFLECTOR, DAMP LABEL, RELISTED FOR A 100W INCANDESCENT EQUIVALENT A21 LED BULB. PROVIDE WITH DIMMABLE A21 LED BULB.					9 1/2"	6"	RE LED	1	1800 LUMENS 15 WATTS	120 V	DIM07	D	PORTFOLIO H06-0701 C PRESCOLITE 1224-S1362 GOTHAM RP6 AC
F5E	OPEN RECESSED DOWNLIGHT, CLEAR SPECULAR PARABOLIC SELF TRIMMING REFLECTOR, DAMP LABEL, RELISTED FOR A 100W INCANDESCENT EQUIVALENT A21 LED BULB. PROVIDE WITH DIMMABLE A21 LED BULB. PROVIDE WITH UL 924 EMERGENCY TRANSFER DEVICE.					9 1/2"	6"	RE LED	1	1800 LUMENS 15 WATTS	120 V	DIM07	D	PORTFOLIO H06-0701 C PRESCOLITE 1224-S1362 GOTHAM RP6 AC
F6	3' WALL BRACKET WITH ANGLED CURVED FASCIA WITH A SOLID LENS DIFFUSER, WHITE STEEL HOUSING.	3'-0"	3 1/2"	7 1/2"		WL @ 8"	LED	1	2700 LUMENS 37 WATTS	120 V	DIM10	A	FINELITE S17LED ACF SP 3 S 8 35 120 SC	
F7	4' NARROW SUSPENDED INDIRECT/DIRECT LINEAR	4'-0"	4"	4"		SP @ 12"	LED	1	3600 LUMENS 33 WATTS	120 V	DIM10	O	FINELITE HP-4 ID S B 8 35 TG BG 120 FA SC	
F7E	4' NARROW SUSPENDED INDIRECT/DIRECT LINEAR, PROVIDE WITH UL924 EMERGENCY TRANSFER DEVICE	4'-0"	4"	4"		SP @ 9"	LED	1	3600 LUMENS 33 WATTS	120 V	DIM10	O	FINELITE HP-4 ID S B 8 35 TG BG 120 FA SC	
F8	4' NARROW RECESSED CHANNEL STRIP	4'-0"	4"	4"		RE	LED	1	1900 LUMENS 18 WATTS	120 V	DIM10	O	FINELITE HP-4 R 4 B 835 F 120 SC	
F9	4' WALL BRACKET WITH A SOLID LENS DIFFUSER, WHITE STEEL HOUSING.	4'-0"	3 1/2"	7 1/2"		WL @ 8"	LED	1	5000 LUMENS 49 WATTS	120 V	DIM10	A	KENALL MLHA12 48 R MW CP 45.35K DG 120	
F10	HEAVY WALL MOUNTED EXTERIOR LUMINAIRE, DIE-CAST ALUMINUM GASKETED HOUSING WITH SIDE HINGED FACEPLATE AND BLACK POWDER COAT FINISH. TWO LED DRIVERS.	1'-4"	8"	8"		WL @ 12"	LED	1	2700 LUMENS 25 WATTS	120 V	O	EATON ENC E01 LED E1 BL3 BZ		
F11	LED STERILIGHT, 18 GAUGE POWDER COATED STAINLESS STEEL HOUSING, CLEAR ACRYLIC LENS, GLOSS WHITE FINISH, SLOTTED FACEPLATE.	2 1/2"	4 9/32"	1-1/2"		WL @ 18"	LED	1	0.85 WATTS 24 LUMENS	120 V	O	KENALL MSL 5 0 GW T WHL 120 3		
F12	WET LOCATION LISTED, HOODED, DIRECT VIEW, LED, RED/GREEN SIGN.	1'-0"	6"	2 1/2"		WL @ 12"	LED	1	L.E.D.	120 V	O	SIGNAL TECH 5439 TCL147RG-225H		
F13	OPEN RECESSED DOWNLIGHT, CLEAR SPECULAR PARABOLIC SELF TRIMMING REFLECTOR, DAMP LABEL, RELISTED FOR A 100W INCANDESCENT EQUIVALENT A21 LED BULB. PROVIDE WITH A19 LED BULB.					9 1/2"	6"	RE LED	1	1000 LUMENS 10 WATTS	120 V	DIM10	D	PORTFOLIO H06-0701 C PRESCOLITE 1224-S1362 GOTHAM RP6 AC
F14	OPEN RECESSED DOWNLIGHT, CLEAR SPECULAR PARABOLIC SELF TRIMMING REFLECTOR, WET LOCATION LISTED.					9 1/2"	6"	RE LED	1	500 LUMENS 6 WATTS	120 V	DIM10	D	LITHONIA LDN6 35 05 L06 AR LS MYXLT 1 W
F15	WALL-MOUNTED LINEAR ASYMMETRIC LED FIXTURE WITH ALUMINUM HOUSING WITH ADJUSTABLE, LOCKABLE MOUNTING ARMS WITH POWDER COATED FINISH SELECTED BY ARCHITECT.	8'-0"				6"	WL @ 8"	LED	1	8000 LUMENS 82 WATTS	120 V	A	AMETRIX A08 S1 A 1 LED 35K UNV 4"	
F16	BRONZE ADJUSTABLE, SHADED WALL MOUNTED GOOSENECK FIXTURE IN ALUMINUM HOUSING, POWDER COAT FINISH. WET LOCATION LISTED.	1'-3"	9"	1'-3"		WL	LED	1	25 WATTS 844 LUMENS	120 V	EB	O	RAB LIGHTING GN1LED 26V AC A BK LIGHTING SPECLIGHT BASELITE CORPORATION	
S1	SITE LUMINAIRE, ALUMINUM EXTRUDED HOUSING GASKETED, TEMPERED GLASS LENS. TYPE V DISTRIBUTION, BLACK LISTED WET LOCATION, IN-LINE FUSE(S) SQUARE STRAIGHT ALUMINUM POLE, 20' EMBEDDED BASE.	1'-8"	1'-3"	5 1/2"		PL	LED	1	7800 LUMENS 81 WATTS	120 V	DIM10	O	CREE OSQ A NM 5ME B 40K UL BK OSQAA DSX0 40C 700 40K TSM 120 SPA DDBXD	
S2	SITE LUMINAIRE, ALUMINUM EXTRUDED HOUSING GASKETED, TEMPERED GLASS LENS, TYPE V DISTRIBUTION, BLACK LISTED WET LOCATION, IN-LINE FUSE(S) SQUARE STRAIGHT ALUMINUM POLE, 20' EMBEDDED BASE.	1'-8"	1'-3"	5 1/2"		PL	LED	1	10900 LUMENS 91 WATTS	120 V	DIM10	O	CREE OSQ A NM 5ME B 40K UL BK OSQAA DSX0 40C 700 40K TSM 120 SPA DDBXD	
S3	SITE BOLLARD WITH EMBEDDED BASE AND SQUARE, ALUMINUM POLE, BLACK MOUNTED TO AN PERPENDICULAR TO PATH.		4'-0"	7"		PL	LED	1	1100 LUMENS 10 WATTS	120 V		O	BEGA 88659 K4 70895	
S4	FLOOD LIGHT, KNUCKLE MOUNTED, ALUMINUM HOUSING, POWDER COAT FINISH, GASKETED, 2H X 2V BEAM SPREAD, BLACK FINISH.	8"	4"	6"		O	LED	1	800 LUMENS 23 WATTS	120 V		O	LITHONIA OLSB	
X1	SINGLE-FACE EXIT SIGN, WHITE THERMOPLASTIC BODY, RED LETTERS, UNIVERSAL ARROWS MOUNTING.	1'-1"	2"	9"		CLW L @ 8"	LED	1	L.E.D.	120 V		O	DUAL-LITE LXU LITHONIA LOMS 1 EL MCPHILBEN CXXL	
X2	DOUBLE-FACE EXIT SIGN, WHITE THERMOPLASTIC BODY, RED LETTERS, UNIVERSAL ARROWS MOUNTING.	1'-1"	2"	9"		CLW L @ 8"	LED	1	L.E.D.	120 V		O	DUAL-LITE LXU LITHONIA LOMS 3 EL MCPHILBEN CXXL3	



**2 20A DROP CORD MOUNTING**  
NO SCALE



**3 30A DROP CORD MOUNTING**  
NO SCALE

**TRANSFER SWITCH SCHEDULE**

SWITCH TYPE:	ACCESSORIES: (ACC)
AUTO - AUTOMATIC	EE - ENGINE EXERCISER
BA - AUTOMATIC WITH BYPASS ISOLATION	IM - IN-PHASE MONITOR
MAN - MANUAL OPERATION	SH - STRIP HEATER WITH THERMOSTAT
CT - CLOSED TRANSITION	RM - REMOTE ANNUNCIATOR
DT - DELAY TRANSITION - CENTER OFF	RC - REMOTE CONTROL CIRCUITS
STAT - STATIC SOLID STATE	EL - ELEVATOR EMERGENCY TO NORMAL PRESIGNAL
30 - 30 CYCLE WITH STAND RATING	SP - SERIAL COMMUNICATIONS PORT
SN - SWITCHED NEUTRAL	PM - POWER MONITORING METER
ON - OVERLAPPING SWITCHED NEUTRAL	RTC - REMOTE TRANSFER CONTROL FROM FIRE COMMAND CENTER
DN - SOLID NEUTRAL	RMC - REMOTE ANNUNCIATION AT FIRE COMMAND CENTER
	TI - TRANSFER INHIBIT
	LS - LOAD SHED

ITEM	TYPE	VOLTAGE	POLES	AMPS	NEMA ENCLOSURE TYPE	ACC	REMARKS	APPROVED MANUFACTURERS
MTS-1	MAN	208 V	3	400 A	1			ASCO 300 SERIES RUSSEL ELECTRIC RMT SERIES GE ZENITH ZTG SERIES CATERPILLAR CTG SERIES CUMMINS OTC SERIES GENRAC W SERIES KOHLER KCS SERIES KOHLER KCT SERIES

SEQUENCE OF OPERATION	SYSTEM INPUTS									
	PANEL ANNUNCIATOR ALARM INDICATION	PANEL ANNUNCIATOR SUPERVISORY INDICATION	PANEL ANNUNCIATOR TROUBLE INDICATION	AUDIBLE ALARMS SEQUENCE	VISUAL ALARMS SEQUENCE	ELECTRIC SPRINKLER BELL SEQUENCE	SPRINKLER PREACTION ACTIVATION SEQUENCE	SOUND WARNINGS PACKING SYSTEMS SHUTDOWN SEQUENCE	CEILING FAN SHUTDOWN SEQUENCE	AHU SHUTDOWN SEQUENCE
FIRE ALARM PANEL, TRANSDUCER, NAC PANEL LOW BATTERY	X									
FIRE ALARM PANEL, TRANSDUCER, NAC PANEL BATTERY OR CHARGER FAILURE			X							
FIRE ALARM PANEL, TRANSDUCER, NAC PANEL ABNORMAL SWITCH OR CONTROL POSITION.	X									
FIRE ALARM PANEL, TRANSDUCER, NAC PANEL GROUND FAULT, OPEN CIRCUIT, SHORT CIRCUIT			X							
FIRE ALARM PANEL, TRANSDUCER, NAC PANEL AC POWER LOSS OR IRREGULARITY			X							
NOTIFICATION APPLIANCE CIRCUIT OR SLC LOOP GROUND FAULT, OPEN CIRCUIT, SHORT CIRCUIT			X							
INITIATING DEVICE FAILURE OR COMMUNICATION ERROR			X							
FIRE ALARM PANEL MANUAL FIRE DRILL	X			X	X			X		
MANUAL PULL STATION	FT	F	X	X	X			X		
SMOKE DETECTOR	SD		X	X	X			X		
SMOKE DETECTOR FOR HVAC CONTROL	SD	SD	?	X	?	?				X
HEAT DETECTOR	H	HF	HX	X	X			X		
SPRINKLER SYSTEM FLOW SWITCH	FS	MM	X	X	X	X	X	X	X	X
SPRINKLER SYSTEM MONITOR SWITCH	PIV	MS	X	X						
SPRINKLER SYSTEM CABINET MONITOR	MS	MM	X	X						
KITCHEN HOOD SUPPRESSION SYSTEM ACTIVATION	MM		X	X						

**1 FIRE ALARM OPERATION MATRIX**  
NO SCALE

NOTES:  
1. ALL SYSTEM EVENTS SHALL BE LOGGED, PRINTED, AND DISPLAYED ON THE GRAPHICAL INTERFACE, IF APPLICABLE. SEE SPECIFICATIONS FOR MORE INFORMATION AND DESCRIPTIONS OF SEQUENCES OF OPERATION.

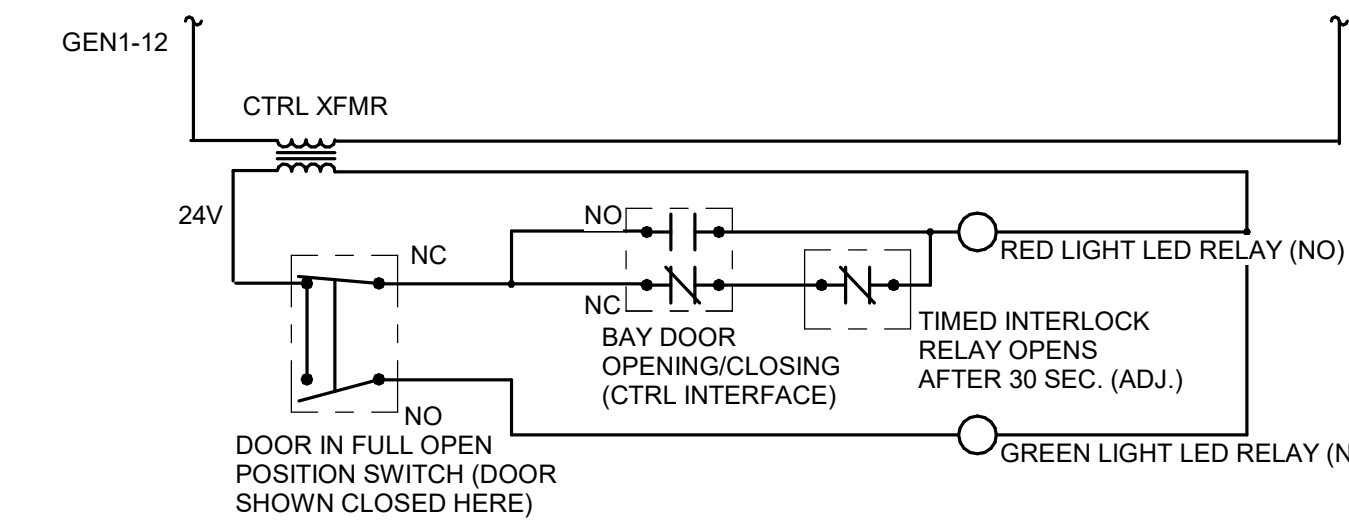
**IMEG** 1800 DEMING WAY, SUITE 200  
MIDDLETON, WI 53562  
608-223-9600 FAX: 608-838-0415  
www.imegcorp.com  
PROJECT # 17001148-00

IMEG CORP RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA THEREON. THIS DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG CORP AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG CORP. © 2017 IMEG CORP.

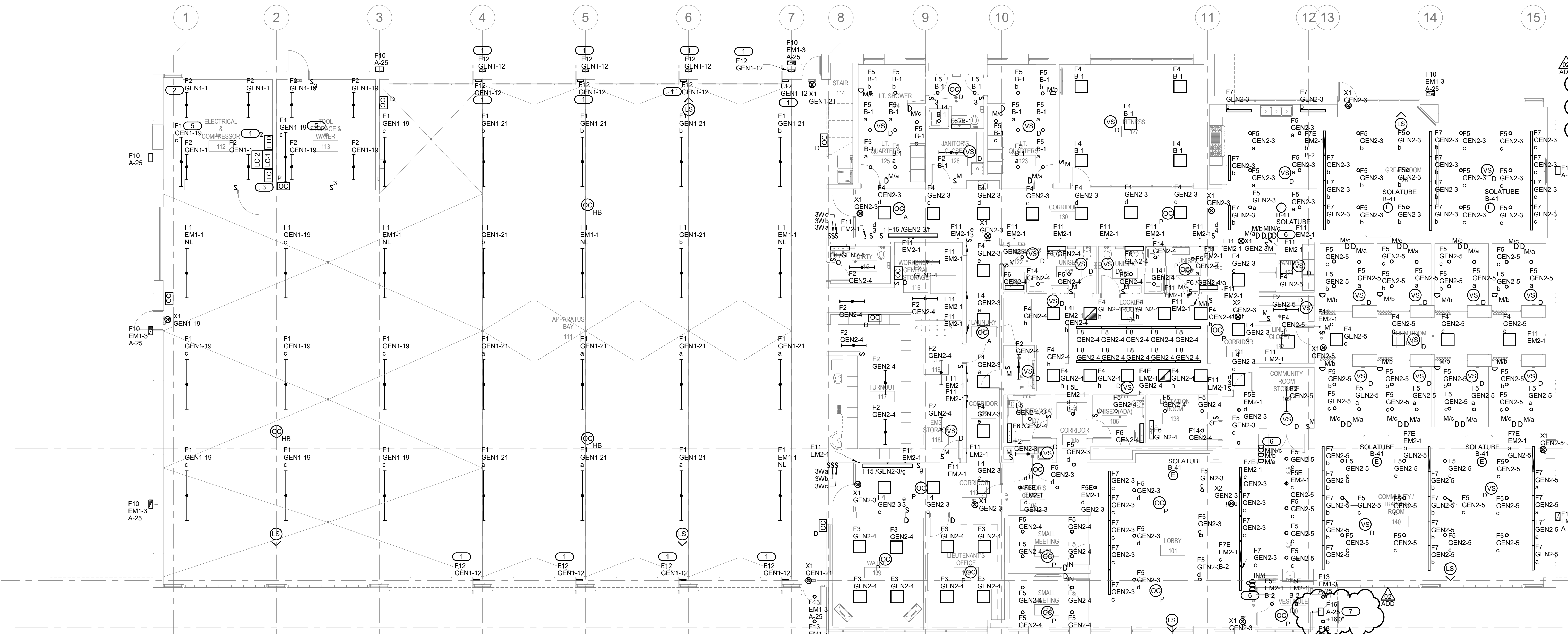
REFERENCE SCALE IN INCHES  
0 1 2 3

- SHEET NOTES:**
- COORDINATE HANGING OF EQUIPMENT AND DEVICES IN APPARATUS BAY AND SURROUNDING SPACES WITH STRUCTURAL METAL ROOF DECK, DECK MANUFACTURER'S REQUIREMENTS, AND OTHER TRADES. UTILIZE DECK MANUFACTURER HANGERS TO SUPPORT EQUIPMENT AND DEVICES WHERE APPLICABLE. ENSURE DECK HANGER LOADING LIMITS AND SQUARE FOOT LOADING LIMITS ARE NOT EXCEEDED FOR EQUIPMENT FROM ALL TRADES.
  - CONCEAL ALL CONDUITS WHERE POSSIBLE. WHERE NOT POSSIBLE, ROUTE EXPOSED CONDUITS IN INCONSPICUOUS LOCATIONS APPROVED BY ARCHITECT.
  - PROVIDE EMERGENCY TRANSFER DEVICE SHOWN ON EL102 MONITORING AN UNSWITCHED PORTION OF GEN2-3. UPON LOSS OF NORMAL POWER, TRANSFER DEVICE IS TO TRANSFER F1 FIXTURES TO AN UNSWITCHED PORTION OF THEIR LIGHTING CIRCUIT. F1 FIXTURES TO BE MOUNTED TIGHT TO BEAMS.

- KEYNOTES:**
- DOOR OPEN AND CLOSE SIGNAL LIGHTS TYPE "SR" AND "SC" MOUNTED AT APPROXIMATELY 8'-0" AFF. CENTERED VERTICALLY ON STEEL PURLIN WITH ANY JUNCTION BOXES PAINTED TO MATCH THE STRUCTURAL STEEL. ("SR" RED ABOVE "SC" GREEN LIGHT). INTERLOCK WITH N.O. 2-SPOT DOOR POSITION SWITCH (SQ. "D" HD IND. XCK4-SERIES) IN NEMA 1 ENCLOSURE. PROVIDE (120/24 VOLT) TRANSFORMER FOR DOOR POSITION CONTROL WITH TOGGLE SWITCH DISCONNECT. SEQUENCE: RED LIGHT SHALL BE ACTIVATED UPON BAY DOOR OPENING; GREEN LIGHT COMES ON WITH BAY DOOR IN FULL OPEN POSITION. RED LIGHT COMES ON WITH DOOR CLOSING AND REMAINS ON UNTIL 30 SECONDS (TIME DELAY ADJ.) AFTER DOOR CLOSURES. REFER TO DETAIL 2EL101 FOR MORE INFORMATION.
  - ROUTE CONDUIT IN THIS AREA ALONG THE WALL TO AVOID THE TRANSPARENT WALL ABOVE.
  - REFER TO 2/2E50.
  - EMERGENCY TRANSFER DEVICE TO MONITOR UNSWITCHED PORTION OF EXTERIOR EMERGENCY LIGHTING CIRCUIT A-25. SWITCHING THE FIXTURES TO THE EMERGENCY CIRCUIT EM1-3 UPON LOSS OF NORMAL POWER.
  - F1 FIXTURES CONTINUE ACROSS THE APPARATUS BAY ABOVE THE HARD LID OF ROOM 112 AND 113.
  - INSTALL GOSSENKOPF FIXTURE CENTERED ABOVE SIGN AND AIMED TO ILLUMINATE SIGNAGE. COORDINATE EXACT PLACEMENT AND AIMING WITH ARCHITECT AND SIGN MANUFACTURER. ENSURE LIGHTS ARE NOT AIMED TO ILLUMINATE ABOVE PARALLEL TO THE GROUND FROM THE LIGHT.



**2 BAY DOOR ANNUNCIATION WIRING DIAGRAM**  
NO SCALE



**1 FLOOR PLAN LEVEL 1 - LIGHTING**  
1/8" = 1'-0"

**IMEG** 1800 DEMING WAY, SUITE 200  
MIDDLETON, WI 53562  
608.223.9600 FAX: 608.836.0415  
www.imegcorp.com  
PROJECT # 17201442.00

IMEG CORP. RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG CORP AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG CORP. © 2017 IMEG CORP.

REFERENCE SCALE IN INCHES  
0 1 2 3

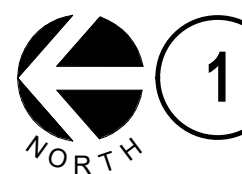
**SHEET NOTES:**

- COORDINATE HANGING OF EQUIPMENT AND DEVICES IN APPARATUS BAY AND SURROUNDING SPACES WITH STRUCTURAL METAL ROOF DECK, DECK MANUFACTURER'S REQUIREMENTS, AND OTHER TRADES. UTILIZE DECK MANUFACTURER'S HANGERS TO SUPPORT EQUIPMENT AND DEVICES WHERE POSSIBLE. ENSURE DECK HANGER LOADING LIMITS AND SQUARE FOOT LOADING LIMITS ARE NOT EXCEEDED FOR EQUIPMENT FROM ALL TRADES.
- CONCEAL ALL CONDUITS WHERE POSSIBLE. WHERE NOT POSSIBLE, ROUTE IN INCONSPICUOUS LOCATIONS APPROVED BY ARCHITECT.

**KEYNOTES: (E)**

- DROP CORD RECEPTACLE SERVES FIRE ENGINE. COORDINATE EXACT LOCATION AND CORD LENGTH WITH OWNER PRIOR TO INSTALLATION. REFER TO 2/E300 FOR DROP CORD DETAIL.
- DROP CORD RECEPTACLE SERVES AMBULANCE. COORDINATE EXACT LOCATION AND CORD LENGTH WITH OWNER PRIOR TO INSTALLATION. REFER TO 3/E300 FOR DROP CORD DETAIL.
- PROVIDE LABEL ON EACH DISCONNECT SWITCH. LABEL SHALL READ "UTILITY PHOTOVOLTAIC INTERCONNECT DISCONNECT".
- GENERATOR CONNECTION CABINET, GCC-1, SHALL BE WALL MOUNT, UL LISTED, STAINLESS STEEL, NEMA 3R OR 4X HOUSING WITH LOCKABLE DOOR, 400 AMPS, 208/120 VOLT, 3 PHASE, 4 WIRE WITH COLOR-CODED CAM-LOCK CONNECTORS. APPROVED MANUFACTURERS INCLUDE BERTHOLD ELECTRIC CO. AND POWERTRON SERIES 400UL. SUBMIT PRODUCT DATA AND DIMENSIONED DRAWINGS UNDER DIVISION 26 05 00.
- REFER TO LANDSCAPING PLANS FOR ADA BOLLARD LOCATIONS.
- APPARATUS BAY DOOR CONTROLLERS AND PUSHBUTTONS ARE PROVIDED BY G.C. AND INSTALLED BY E.C. LOCATE PUSHBUTTON STATIONS FOR WEST DOORS AT WEST LOCATION SHOWN AND EAST DOORS AT EAST LOCATION SHOWN. REMOTE MOUNT DOOR CONTROLLERS ON MEZZANINE. COORDINATE WITH MANUFACTURER'S INSTALLATION REQUIREMENTS. BASIS BID IS SECTIONALIZED OVERHEAD DOORS. ADD ALTERNATE BID IS FOUR-FOLD DOORS CIRCUITED AT 208V, 3 PHASE. COORDINATE FINAL CIRCUITING REQUIREMENTS WITH FOUR-FOLD DOOR SHOP DRAWINGS. REFER TO ARCHITECTURAL FOR ADDITIONAL INFORMATION.
- MOUNT RECEPTACLES AT 'A' RACK LOCATION, COORDINATE EXACT LOCATION WITH OWNER. COORDINATE LOCATION OF SALINA RECEPTACLE WITH OWNER AND MANUFACTURER'S INSTALLATION REQUIREMENTS PRIOR TO INSTALLATION. ROUTE CONDUIT IN THIS AREA ALONG THE WALL TO AVOID THE GLASS WINDOW ABOVE. RECEPTACLES TO BE RED.
- DUE TO THE NATURE OF THE APPARATUS BAY, E.C. TO INSTALL EWC OUTLET SUCH THAT IT IS FULLY ENCLOSED BY THE WATER COOLER ENCLOSURE AND PROTECTED FROM INCIDENTAL WATER SPRAY.
- E.C. TO PROVIDE NECESSARY EQUIPMENT, COORDINATE WITH MANUFACTURER OF SMOKE HATCH DOOR, TO POWER 24V LINEAR ACTUATOR AND PROVIDE CONTROLS TO OPEN/CLOSE THE HATCH FROM THIS LOCATION. ANY EQUIPMENT ENCLOSURES AND CONTROLS ARE TO BE WITH LOCATION LISTED.
- RECEPTACLES SERVING WALL FANS SHALL BE CONTROLLED BY WALL SWITCH.
- VFD PROVIDED BY M.C. AND INSTALLED BY E.C. COORDINATE LOCATION WITH M.C.

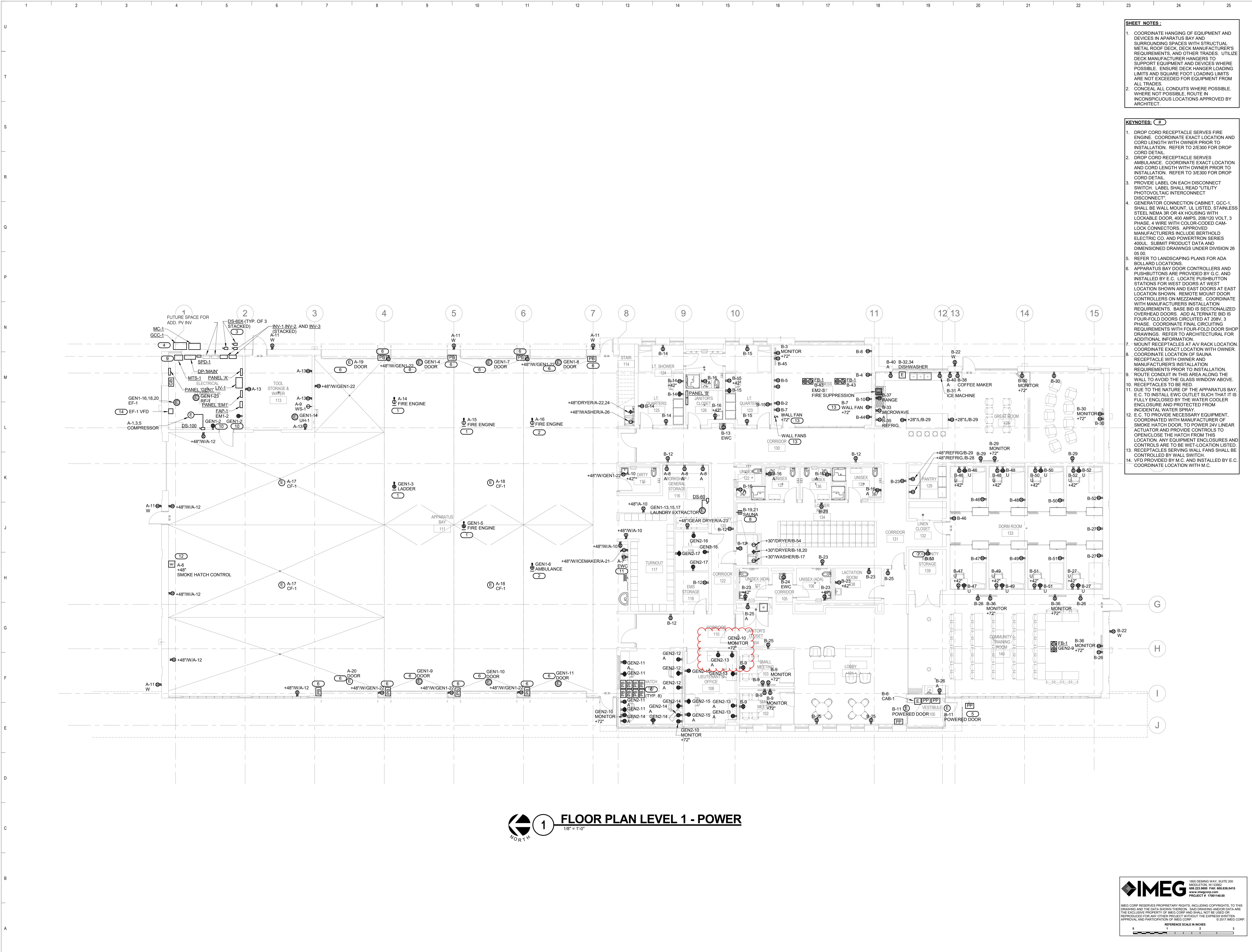
**FLOOR PLAN LEVEL 1 - POWER**  
1/8" = 1'-0"



**IMEG** 1800 DEMING WAY, SUITE 200  
MIDDLETON, WI 53562  
608.223.9600 FAX: 608.226.0415  
www.imegcorp.com  
PROJECT # 1700144.00

IMEG CORP. RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWINGS AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG CORP. AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG CORP. © 2017 IMEG CORP.

REFERENCE SCALE IN INCHES  
0 1 2 3

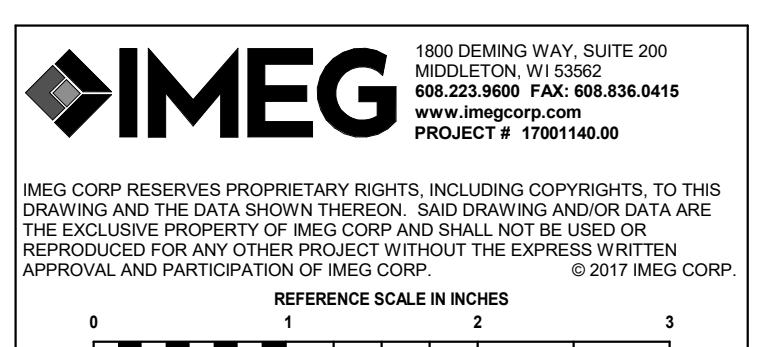


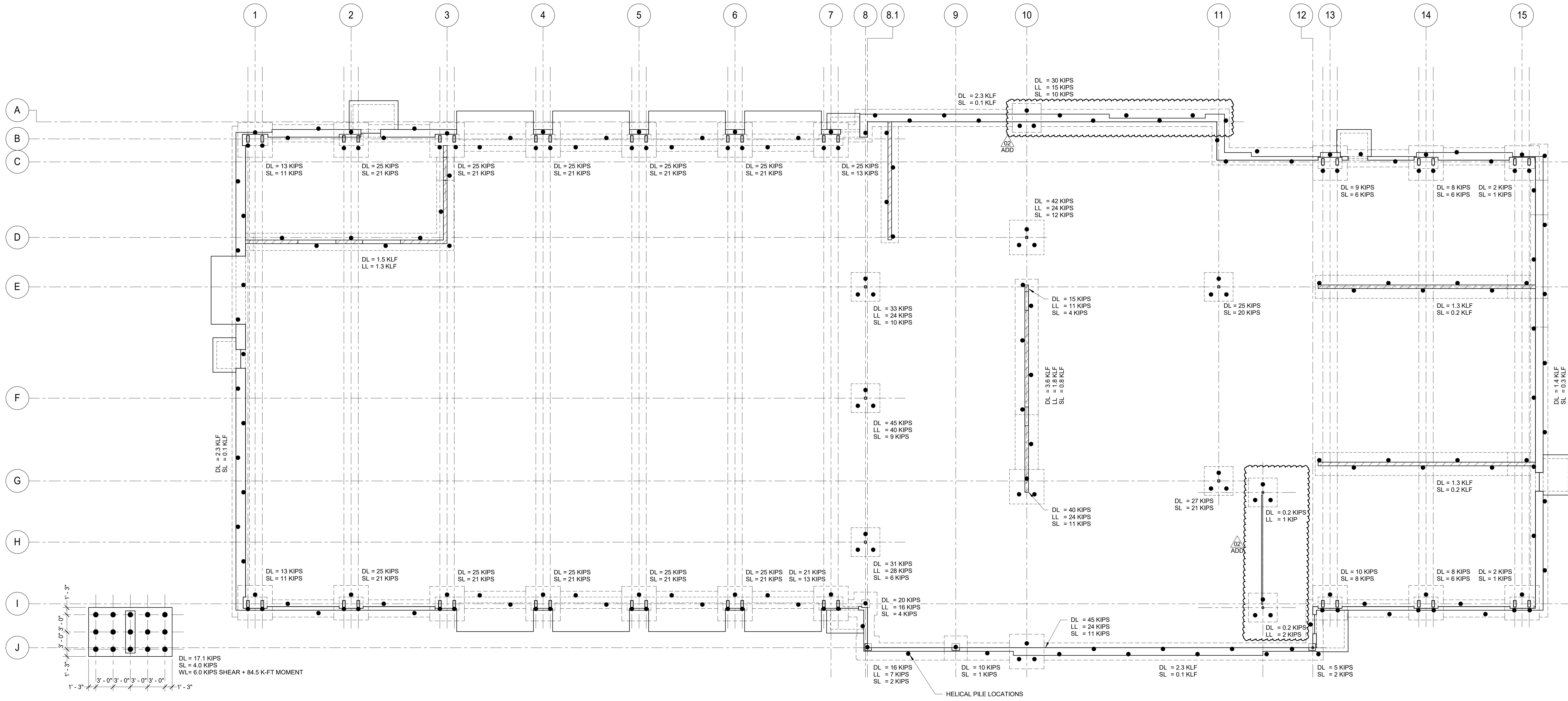
PLUMBING FIXTURE SCHEDULE table with columns TAG NAME, DESCRIPTION, MANF. & MODEL. Includes items like WC-3 WATER CLOSET, WH-1 WATER HEATER, WHA-1 WATER HEATER, WMF-1 UTILITY BOX, WS-1 WATER SOFTENER, YOC-1 YARD CLEANOUT.

PLUMBING FIXTURE SCHEDULE table with columns TAG NAME, DESCRIPTION, MANF. & MODEL. Includes items like MV-1 MIXING VALVE, RD-1 ROOF DRAIN, RD-2 ROOF DRAIN, RD-10 ROOF DRAIN, SH-2 SHOWER BASE, SK-1 SINK, TD-1 TRENCH DRAIN, TD-2 TRENCH DRAIN, TD-3 TRENCH DRAIN, UB-1 UTILITY BOX, UB-2 UTILITY BOX, WC-2 WATER CLOSET.

PLUMBING FIXTURE SCHEDULE table with columns TAG NAME, DESCRIPTION, MANF. & MODEL. Includes items like GR-2 GAS PRESSURE REGULATOR, GR-3 GAS PRESSURE REGULATOR, GR-4 GAS PRESSURE REGULATOR, GR-5 GAS PRESSURE REGULATOR, GR-6 GAS PRESSURE REGULATOR, HB-1 HOSE BIBB, HD-1 HUB DRAIN, HD-2 HUB DRAIN, HR-1 HOSE REEL, L-1 LAVATORY, L-2 LAVATORY, L-3 LAVATORY, MB-1 MOP BASIN.

PLUMBING FIXTURE SCHEDULE table with columns TAG NAME, DESCRIPTION, MANF. & MODEL. Includes items like BFP-1 BACK FLOW PREVENTER, BFP-2 BACK FLOW PREVENTER, CB-1 CATCH BASIN, CP-1 CIRCULATING PUMP, CP-2 SOLAR CIRCULATING PUMP, ESE-1 EMERGENCY SHOWER, ET-1 EXPANSION TANK, EWC-1 ELECTRIC WATER COOLER, FOC-1 FLOOR CLEANOUT, FOC-2 FLOOR CLEANOUT, FD-1 FLOOR DRAIN, FD-2 FLOOR DRAIN, FD-3 FLOOR DRAIN, FD-4 FLOOR DRAIN, GI-1 GREASE INTERCEPTOR, GR-1 GAS PRESSURE REGULATOR.



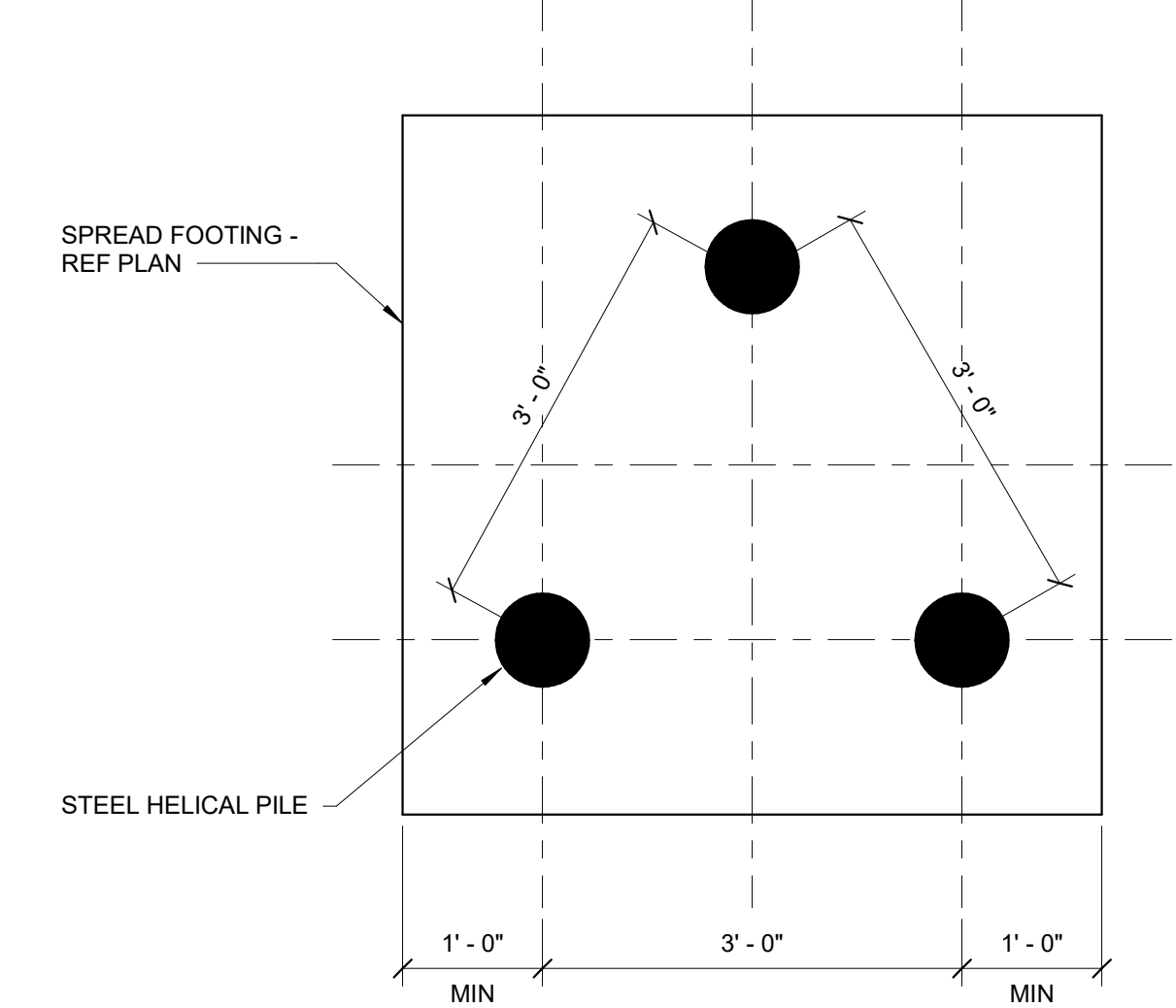


**1 FOUNDATION LOADS AND HELICAL PILE LAYOUT**

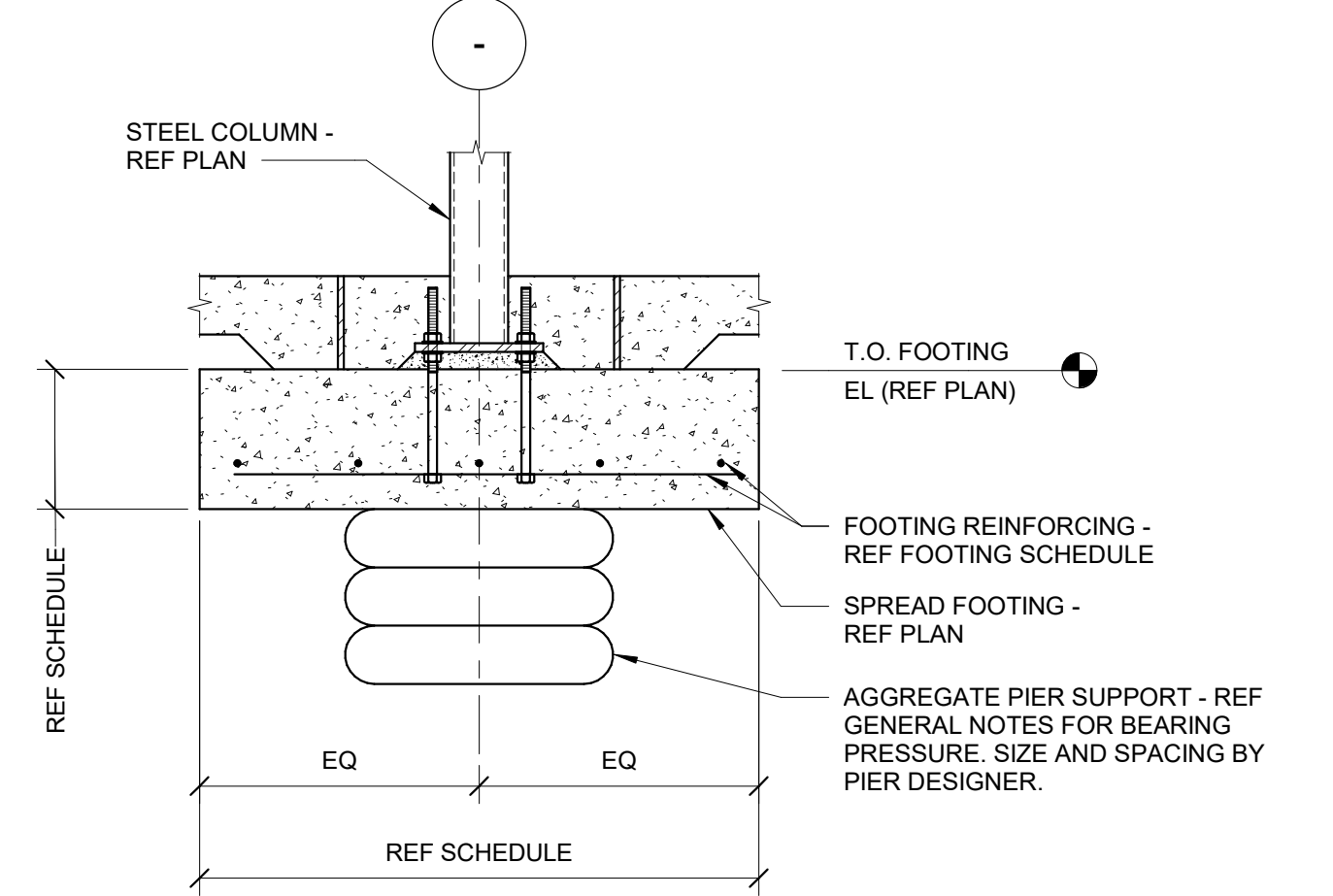
1/8" = 1'-0"

NOTES:

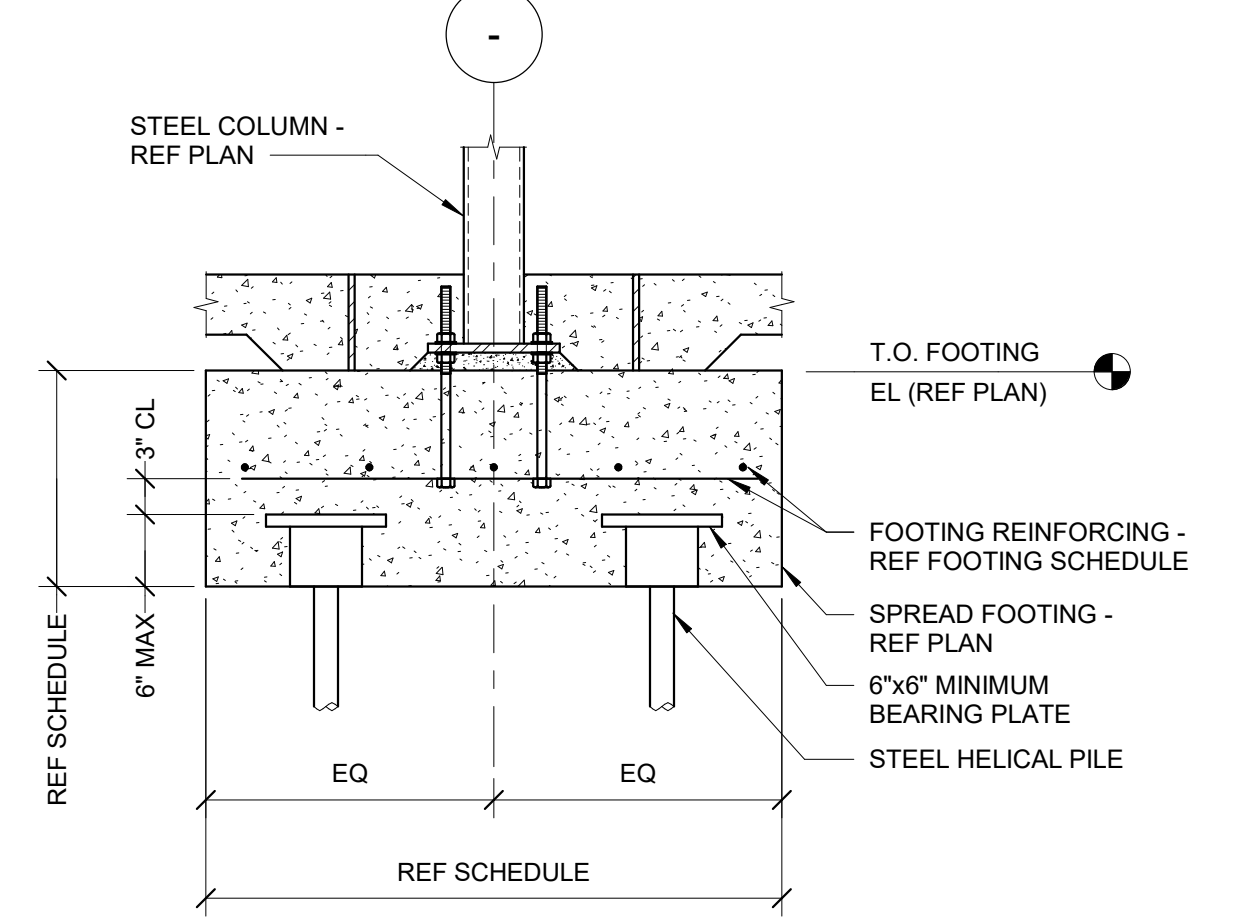
- FOUNDATIONS TO BE SUPPORTED BY EITHER AGGREGATE PIERS OR STEEL HELICAL PILES. GIVEN LOADS ARE UNFACTORED VERTICAL LOADS, UNO.
- AGGREGATE PIERS: AGGREGATE PIER (AP) SIZE, QUANTITY, SPACING, AND DEPTH TO BE DETERMINED BY AP DESIGNER TO MEET FOUNDATION BEARING CAPACITIES SHOWN IN GENERAL NOTES. CONTACT A/E IF MODIFICATIONS TO FOOTING SIZES ARE REQUIRED. TOP OF AP EQUAL TO BOTTOM OF FOOTING. REFER TO DETAIL 2/5002.
- HELICAL PILES: HELICAL PILE (HP) DESIGN SHALL MEET THE SPECIFIED LOADING AS SHOWN ON PLAN. FOR BIDDING PURPOSES, HP QUANTITY SHALL BE AS SHOWN ON PLAN AND DEPTH SHALL BE 50-FEET BELOW THE BOTTOM OF FOUNDATION ELEVATION. REFER TO DETAILS 3 AND 4/5002 FOR FOUNDATION DESIGN PARAMETERS. CONTINUOUS FOOTINGS DESIGNED FOR MAX HP SPACING OF 6'-0" OC, STAGGERED ALONG LENGTH OF FOOTING. CONTACT A/E IF MODIFICATIONS TO FOOTING SIZES ARE REQUIRED.



**4 HELICAL PILE DETAIL**  
3/4" = 1'-0"



**2 AGGREGATE PIER DETAIL**  
3/4" = 1'-0"

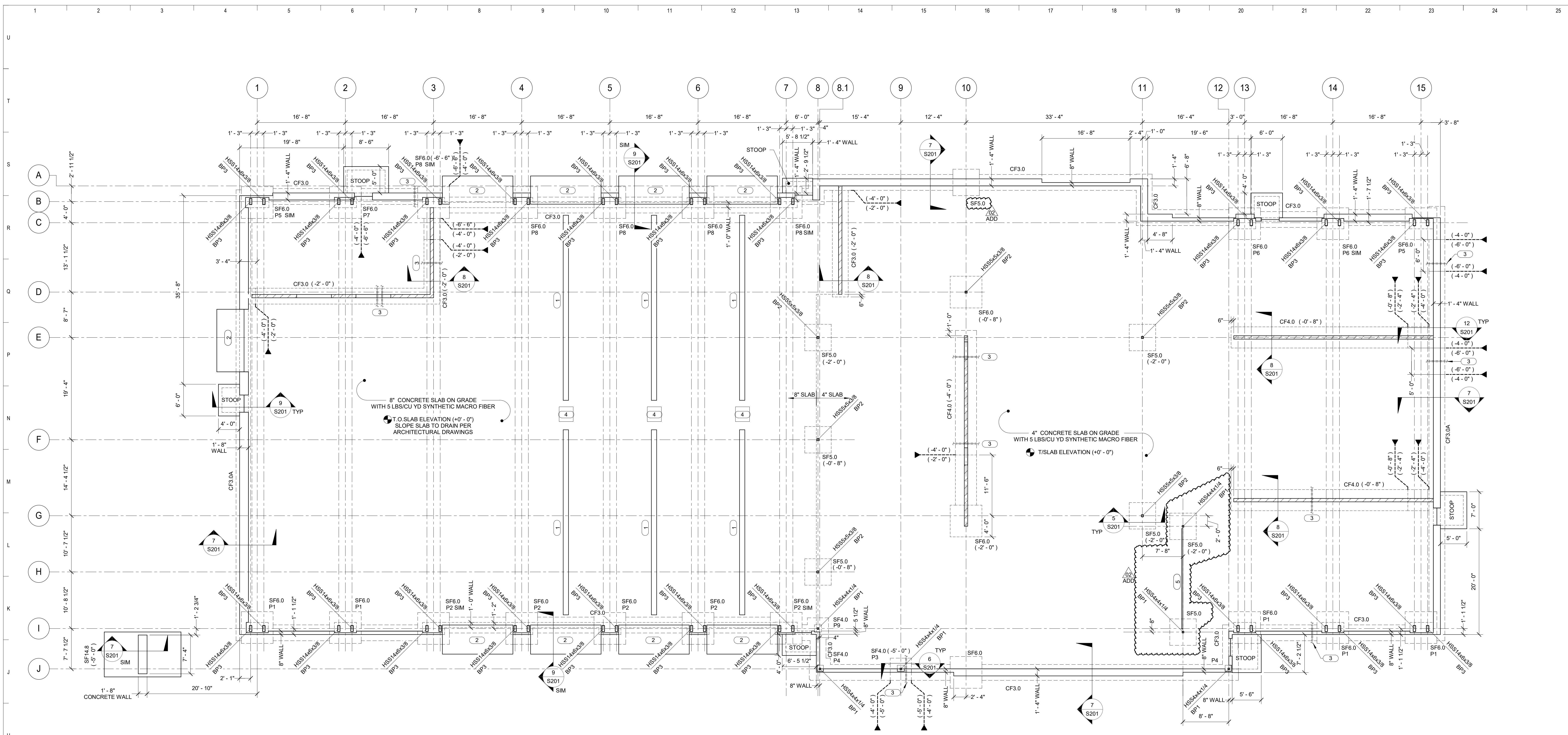


**3 HELICAL PILE DETAIL**  
3/4" = 1'-0"

**IMEG** 1800 DEMING WAY, SUITE 200  
MIDDLETON, WI 53562  
608.223.9600 FAX: 608.836.0415  
www.imegcorp.com PROJECT # 1700146.00

IMEG CORP. RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA, DESIGN, THEORY, DATA DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG CORP AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG CORP. © 2017 IMEG CORP.

REFERENCE SCALE IN INCHES  
0 1 2 3



CONTINUOUS FOOTING SCHEDULE					
		THICKNESS		REINFORCING	
MARK	WIDTH	AGGREGATE PIERS	HELICAL PILES	LONG DIRECTION	SHORT DIRECTION
CF3.0	3'-0"	1'-0"	1'-9"	(3) #5	WALL DOWELS
CF3.0A	3'-0"	1'-0"	1'-9"	(4) #5 AT BOTTOM & (3) #5 AT TOP	#5 @ 12" OC, BOTTOM
CF4.0	4'-0"	1'-0"	1'-9"	(4) #5 TOP AND BOTTOM	#5 @ 12" OC, BOTTOM

SPREAD FOOTING SCHEDULE					
		THICKNESS		REINFORCING	
MARK	LENGTH	WIDTH	AGGREGATE PIERS	HELICAL PILES	LONG DIRECTION
SF4.0	4'-0"	4'-0"	1'-0"	1'-9"	(4) #5
SF5.0	5'-0"	5'-0"	1'-3"	1'-9"	(6) #5
SF6.0	6'-0"	6'-0"	1'-3"	1'-9"	(6) #6
SF14.8	14'-6"	8'-6"	2'-0"	2'-9"	(8) #8 TOP AND BOTTOM

NOTES:  
1. MAINTAIN MINIMUM DEPTH OF 4'-0" FROM FINISH GRADE TO BOTTOM OF FOUNDATION WALL ELEVATION. STEP BOTTOM AS REQUIRED.

WALL THICKNESS	VERTICALS		HORIZONTALS	
	INTERIOR FACE	EXTERIOR FACE	INTERIOR FACE	EXTERIOR FACE
8"	#4 @16" OC	#4 @16" OC	#4 @12" OC	#4 @12" OC
1'-0" TO 1'-4"	#4 @16" OC	#4 @16" OC	#5 @12" OC	#5 @12" OC
1'-8"	#4 @16" OC	#4 @16" OC	#5 @12" OC	#5 @12" OC

**FOUNDATION PLAN**  
1/8" = 1'-0"

- NOTES:
- SF# AND CF# INDICATES SPREAD AND CONTINUOUS FOOTINGS. REFER TO THIS SHEET FOR SCHEDULES, TOP OF FOOTING ELEVATION (-4'-0") UNO.
  - TOP OF FOUNDATION WALL ELEVATION (+0'-0") UNO. REFER TO SCHEDULE THIS SHEET FOR REINFORCING.
  - P# INDICATES CONCRETE PIER. REFER TO S202 FOR DETAILS, TOP OF PIER ELEVATION (-4'-8") UNO.
  - BP# INDICATES BASE PLATE. REFER TO S501 FOR ANCHOR ROD AND BASE PLATE DETAILS.
  - REFER TO 1, 2 AND 3/S201 FOR TYPICAL SLAB ON GRADE CONSTRUCTION DETAILS.
  - PROVIDE 2'-6" x 2'-6" CORNER BARS FOR FOOTING AND WALL INTERSECTIONS. BAR SIZE AND QUANTITY TO MATCH LONGITUDINAL AND HORIZONTAL BARS.
  - PROVIDE THICKENED SLAB AT ALL NON-STRUCTURAL MASONRY WALLS PER 11/S201.
  - INDICATES FOOTING STEP. REFER TO 12 AND 13/S201 FOR FOOTING STEP DETAILS.

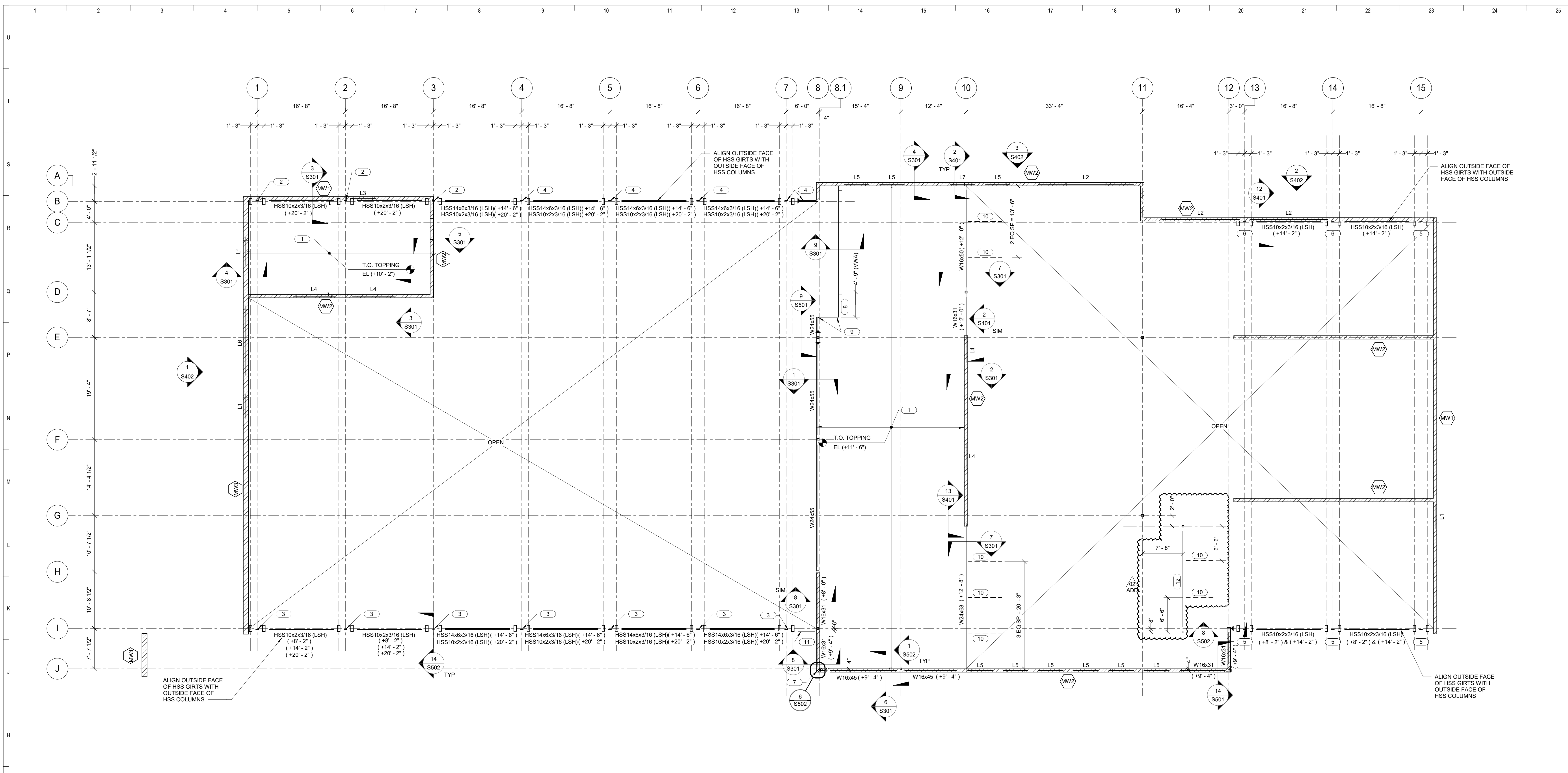
- KEYNOTES:
- TRENCH DRAIN. COORDINATE LOCATION AND SIZE WITH PLUMBING AND ARCHITECTURAL DRAWINGS. REFER TO 4/S201 FOR TRENCH DRAIN DETAIL.
  - SITE PAVING AT O.H. DOORS. REFER CIVIL DRAWINGS.
  - SLEEVE UTILITIES THROUGH FOUNDATION PER 10/S201. COORDINATE SIZE AND LOCATION WITH MECHANICAL AND PLUMBING CONTRACTORS.
  - IN-FLOOR CATCH BASIN. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
  - THICKEN SLAB AT RECESSED TRACK FOR OPERABLE WALL SIMILAR TO 4/S201. COORDINATE LOCATION WITH WALL SUPPLIER.

**IMEG** 1800 DEMING WAY, SUITE 200  
MIDDLETON, WI 53562  
608.223.9600 FAX: 608.836.0415  
www.imegcorp.com  
PROJECT # 1700146.00

IMEG CORP. RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA THEREON. THIS DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG CORP. AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG CORP. © 2017 IMEG CORP.

REFERENCE SCALE IN INCHES  
0 1 2 3





**MEZZANINE FLOOR FRAMING PLAN - OVERALL**

1/8" = 1'-0"

**NOTES:**

- REFER TO 4 AND 5/S501 FOR TYPICAL SHEAR CONNECTION.
- ▶ INDICATES MOMENT CONNECTION.
- L# INDICATES LINTEL IN STRUCTURAL MASONRY WALL - REFER TO THIS SHEET FOR SCHEDULE.
- FOR LINTEL IN NON-STRUCTURAL WALLS. REFER TO GENERAL NOTES FOR SCHEDULE.
- PROVIDE BRACING OF NON-STRUCTURAL MASONRY PARTITION PER S/S401.
- MW# INDICATES MASONRY WALL - REFER TO THIS SHEET FOR SCHEDULE.

**KEYNOTES:**

- 8" HOLLOW CORE SLAB WITH 2" NON-COMPOSITE TOPPING WITH 3 LBS/CIU YD SYNTHETIC MACRO FIBER. REFER TO PLAN FOR TOP OF TOPPING ELEVATION. PRECASTER TO DESIGN FOR THE FOLLOWING LOADS: DL = 10 PSF (EXCLUDING TOPPING SELF-WEIGHT) AND LL = 125 PSF.
- HSS10x2x3/16 (LSH) AT (+20' - 2").
- HSS10x2x3/16 (LSH) AT (+8' - 2"), (+14' - 2") AND (+20' - 2").
- HSS10x2x3/16 (LSH) AT (+14' - 2") AND (+20' - 2").
- HSS10x2x3/16 (LSH) AT (+8' - 2") AND (+14' - 2").
- HSS10x2x3/16 (LSH) AT (+14' - 2").
- PROVIDE PLATE AT CORNER TO SUPPORT MASONRY WALL CONSTRUCTION. REFER TO DETAIL 9/S502.
- HEADER FRAMING AT STAIR BY PRECAST SUPPLIER.
- PRECASTER TO DESIGN FOR STAIR STRINGER LOADS: DL = 660 LBS, LL = 2,200 LBS.
- L4x4x1/4 KICKER.
- W8x24 (+8' - 8") WITH 1/2"x6" LONG HEADED WELDED STUDS @ 16" OC ON TOP FLANGE.
- W12x22 PARTITION SUPPORT BEAM. COORDINATE ELEVATION WITH PARTITION SUPPLIER AND REFLECTED CEILING PLAN.

MASONRY LINTEL SCHEDULE				
MARK	MEMBER BEARING, EACH END	MEMBER SIZE	REFERENCE DETAIL	NOTES
L1	0' - 8"	8" DEEP BOND BEAM WITH (2) #5 BARS	8/S401	-
L2	0' - 8"	W16x31 WITH 3/8" PLATE	10/S401	-
L3	0' - 8"	16" DEEP BOND BEAM WITH (2) #5 BARS	8/S401	-
L4	0' - 8"	16" DEEP BOND BEAM WITH (2) #5 BARS	9/S401	-
L5	0' - 8"	8" DEEP BOND BEAM WITH (2) #5 BARS	9/S401	-
L6	0' - 8"	24" DEEP BOND BEAM WITH (2) #5 BARS WITH L5x5x3/8	11/S401	-
L7	0' - 8"	W8x28	15/S401	-

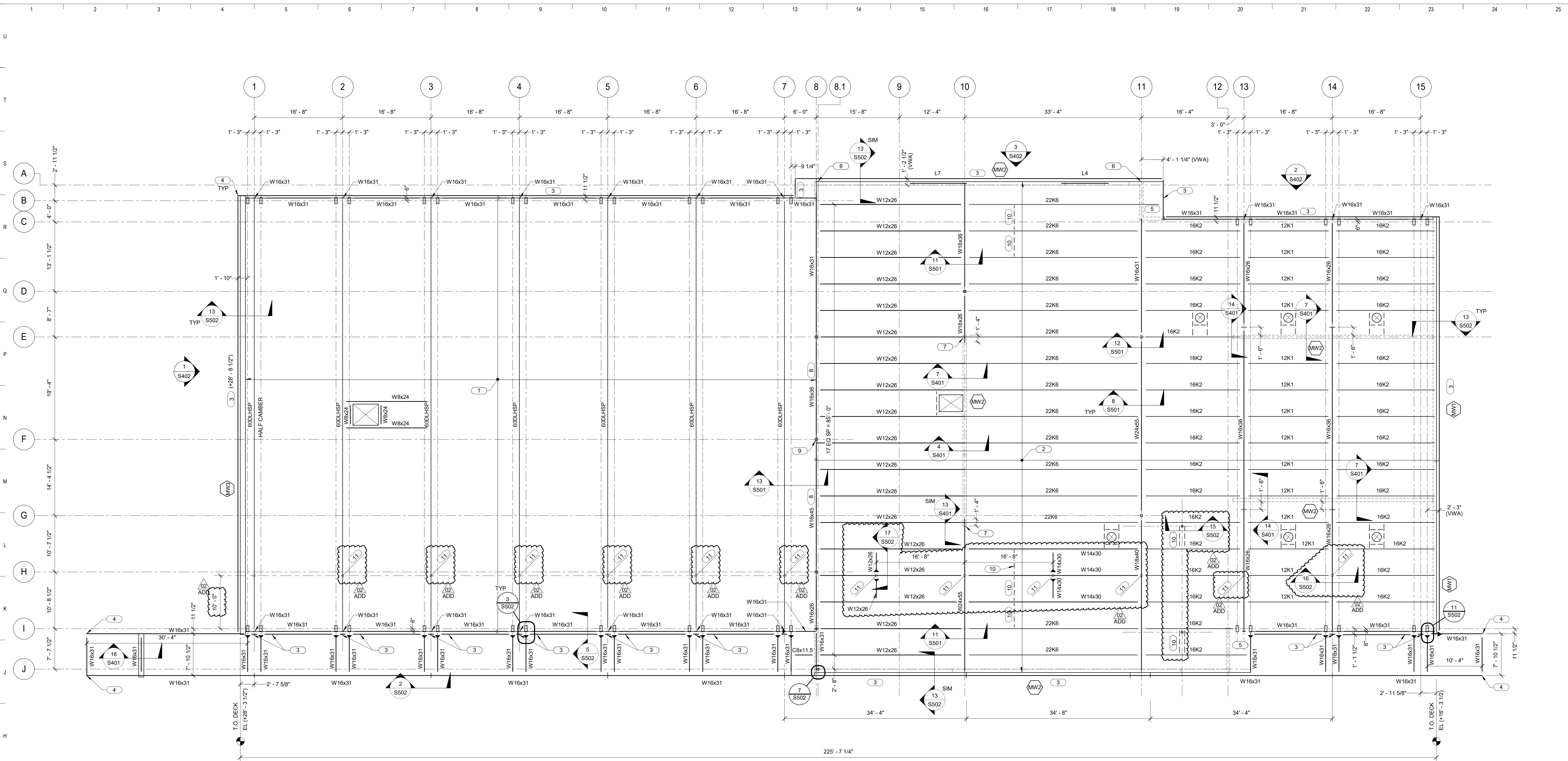
MASONRY WALL REINFORCING SCHEDULE			
MARK	WALL THICKNESS	VERTICAL WALL REINFORCING SIZE AND SPACING	HORIZONTAL WALL REINFORCING SIZE AND SPACING
MW1	8"	#5 @ 24" OC	TYPICAL @ 16" OC
MW2	8"	#5 @ 32" OC	TYPICAL @ 16" OC
MW3	12"	(2) #5 @ 24" OC	TYPICAL @ 16" OC
MW4	12"	(2) #8 @ 8" OC	TYPICAL @ 16" OC

**NOTES:**

- TYPICAL HORIZONTAL REINFORCING IS AS PER SPECIFICATIONS. IT IS INTENDED TO BE A 'DIUROWAL - TRUSS TYPE' OR EQUIVALENT.
- REINFORCED CORES ARE ALWAYS GROUTED.
- REFER TO 6/S401 FOR TYPICAL MASONRY OPENING DETAIL.
- PROVIDE 2'-0" x 2'-0" CORNER BARS AT WALL INTERSECTIONS. BAR SIZE AND QUANTITY TO MATCH HORIZONTAL BOND BEAM BARS.

**IMEG** 1800 DEMING WAY, SUITE 200  
MIDDLETON, WI 53562  
608.223.9600 FAX: 608.836.0415  
www.imegcorp.com  
PROJECT # 1700146.00

IMEG CORP. RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG CORP. AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG CORP.  
© 2017 IMEG CORP.  
REFERENCE SCALE IN INCHES



**1 ROOF FRAMING PLAN**

1/8" = 1'-0"

**NOTES:**

- REFER TO 4 AND 5/S501 FOR TYPICAL SHEAR CONNECTION.
- ▶ INDICATES MOMENT CONNECTION.
- PROVIDE BRACING OF NON-STRUCTURAL MASONRY PARTITION PER S501.
- L# INDICATES LINTEL IN STRUCTURAL MASONRY WALL - REFER TO S102 FOR SCHEDULE.
- FOR LINTEL IN NON-STRUCTURAL WALLS. REFER TO GENERAL NOTES FOR SCHEDULE.
- PROVIDE ANGLE FRAMING AROUND OPENING PER 6/S501.
- REFER TO 10/S501 FOR JOIST MODIFICATION DETAIL.
- MW# INDICATES MASONRY WALL. REFER TO S102 FOR SCHEDULE.
- 600LHSP JOISTS. JOIST SUPPLIER TO DESIGN FOR UNIFORM DL = 585 PLH, SL = 420 PLP AND SAFETY TIE-OFF LOADINGS.

**KEYNOTES:**

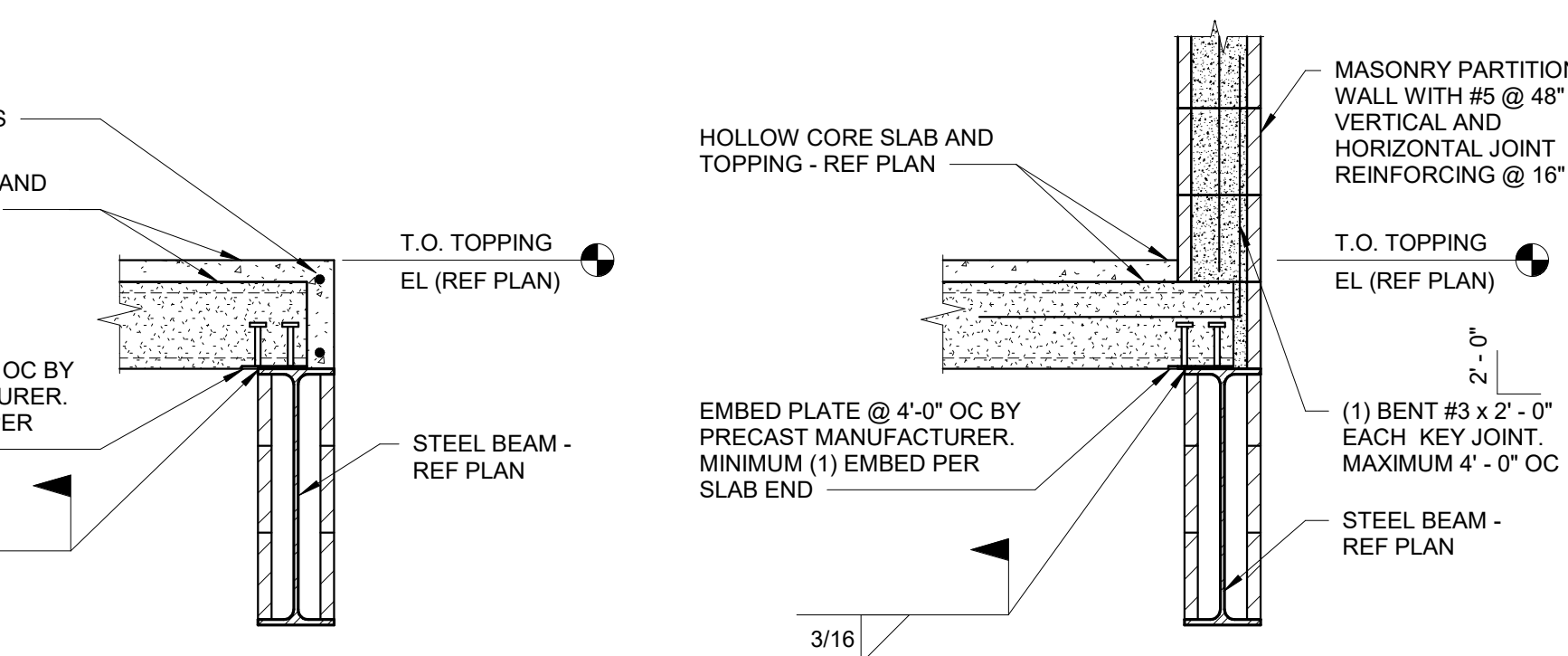
- EPICORE ER3.5A (16 GA) STEEL ROOF DECK, 2 SPAN MINIMUM FASTENING = 24/3 PATTERN WITH 3/4" PUDDLE WELDS AND #12 SIDELAP SCREWS @ 24" OC.
- 1 1/2" (20 GA) STEEL ROOF DECK, 2 SPAN MINIMUM FASTENING = 36/4 (2) WITH 5/8" PUDDLE WELDS AND #10 SIDELAP SCREWS.
- CONTRACTOR OPTION: W16x31 BEAM WITH FLANGES CUT OFF AND GRIND SMOOTH OR 7/16" BENT PLATE TO MATCH W16x31 DIMENSIONS.
- PROVIDE FULLY WELDED, MITERED CORNER CONNECTION.
- PROVIDE TYPE S10 JOIST EXTENSION.
- BEAM OR BENT PLATE PER KEYNOTE 3 TO CANTILEVER PAST CORNER OF MASONRY WALL TO SUPPORT ROOF. REFER TO DETAIL 13/S502 @ CANTILEVER CONDITION FOR DETAIL.
- PROVIDE 16" BEAM BEARING. REFER 4/S501 FOR BEAM TO BEAM SHEAR CONNECTION.
- FRAMING DESIGNED FOR SAFETY TIE-OFF POINT AT THIRD POINTS ALONG BEAM.
- COLUMN DESIGNED FOR SAFETY TIE-OFF POINT AT TOP OF COLUMN.
- L5x5x3/8 ANGLE FRAMING.

11 SAFETY TIE-OFF STEEL BEAM FRAMING DESIGNED FOR SAFETY TIE-OFF POINT AT LOCATIONS INDICATED.  
AT "SP" JOISTS, JOIST SUPPLIER TO DESIGN FOR ULTIMATE LOAD OF 5 KIPS SHEAR AND 10 K-FT MOMENT ACTING IN E-W DIRECTION AT LOCATIONS INDICATED.

**IMEG** 1800 DEMING WAY, SUITE 200  
MIDDLETON, WI 53562  
608.223.9600 FAX: 608.836.0415  
www.imegcorp.com  
PROJECT # 1700146.00

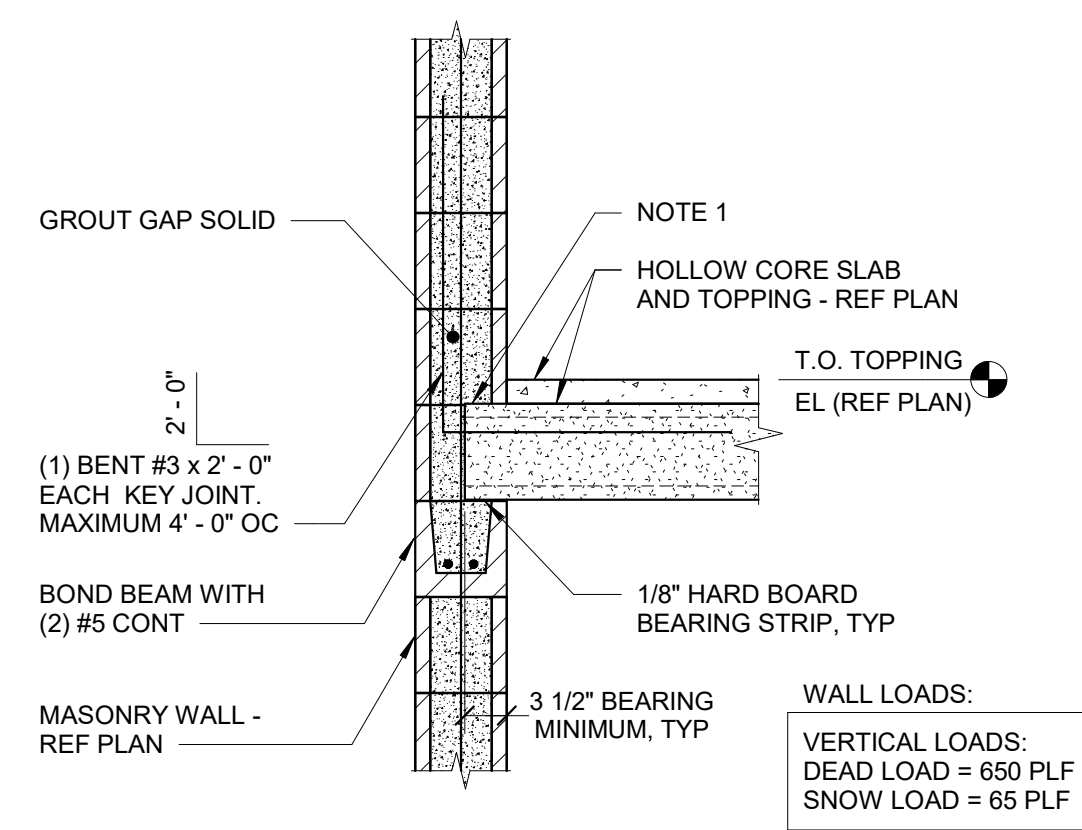
IMEG CORP. RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG CORP. AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG CORP.  
© 2017 IMEG CORP.

REFERENCE SCALE IN INCHES  
0 1 2 3



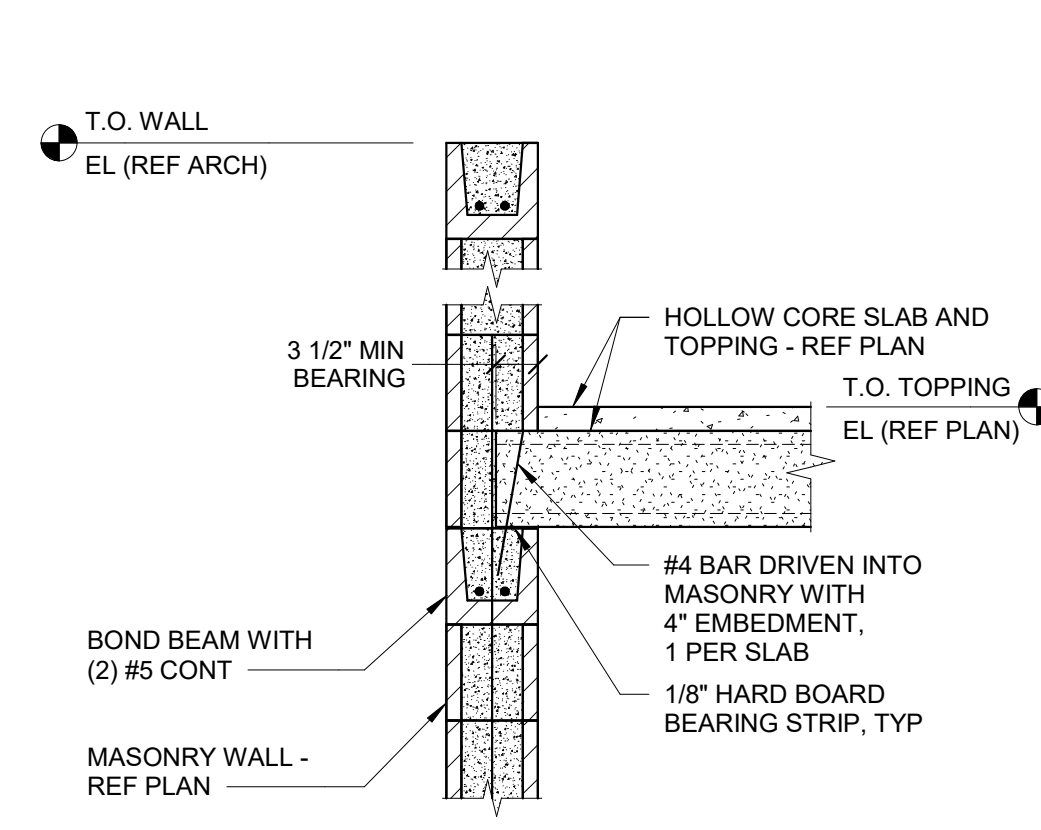
**1** **TYPICAL HOLLOW CORE SLAB BEARING AT STEEL BEAM**  
3/4" = 1'-0"

NOTES:  
1. REFER TO ARCHITECTURAL DRAWINGS FOR WALL EXTENTS ABOVE HOLLOW CORE FLOOR.

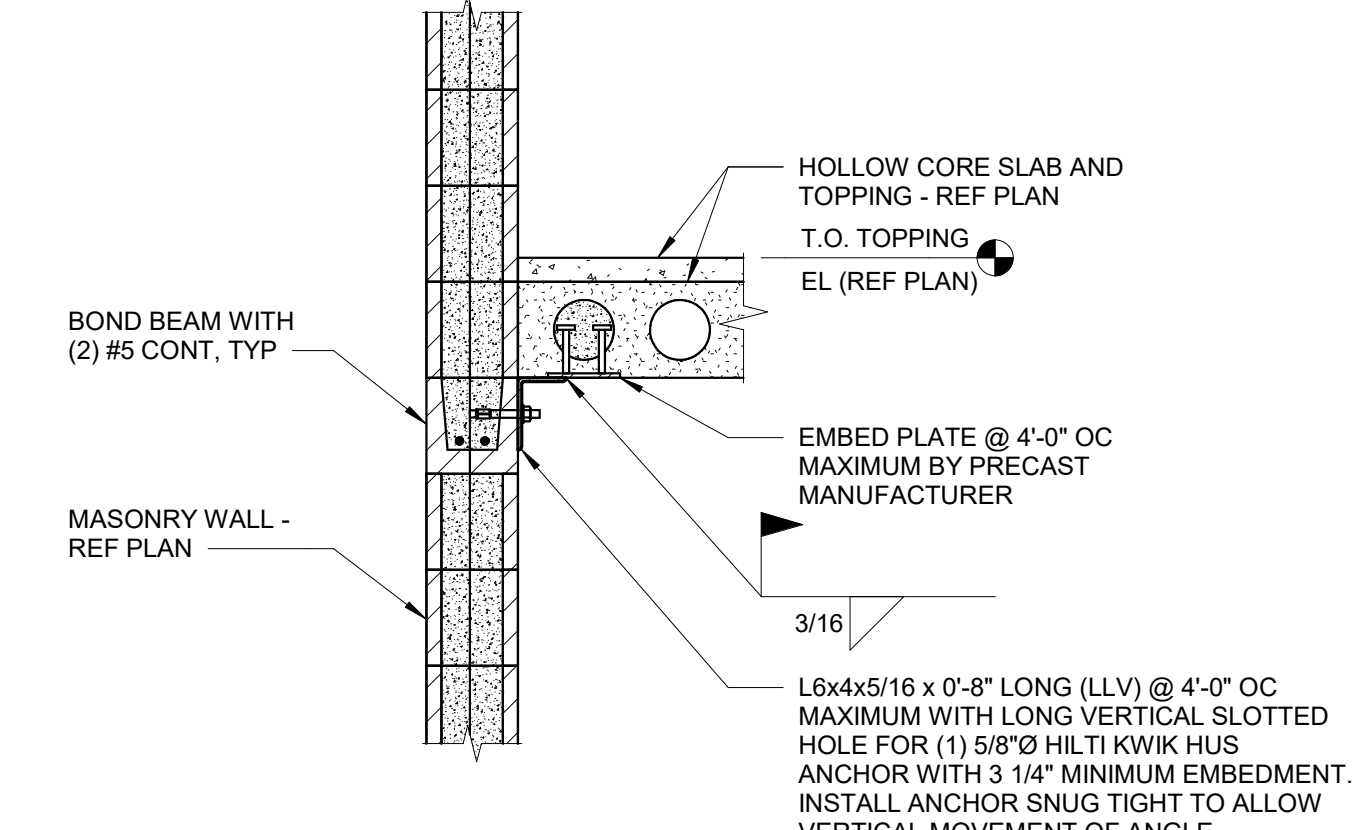


**2** **HOLLOW CORE SLAB BEARING AT INTERIOR WALL**  
3/4" = 1'-0"

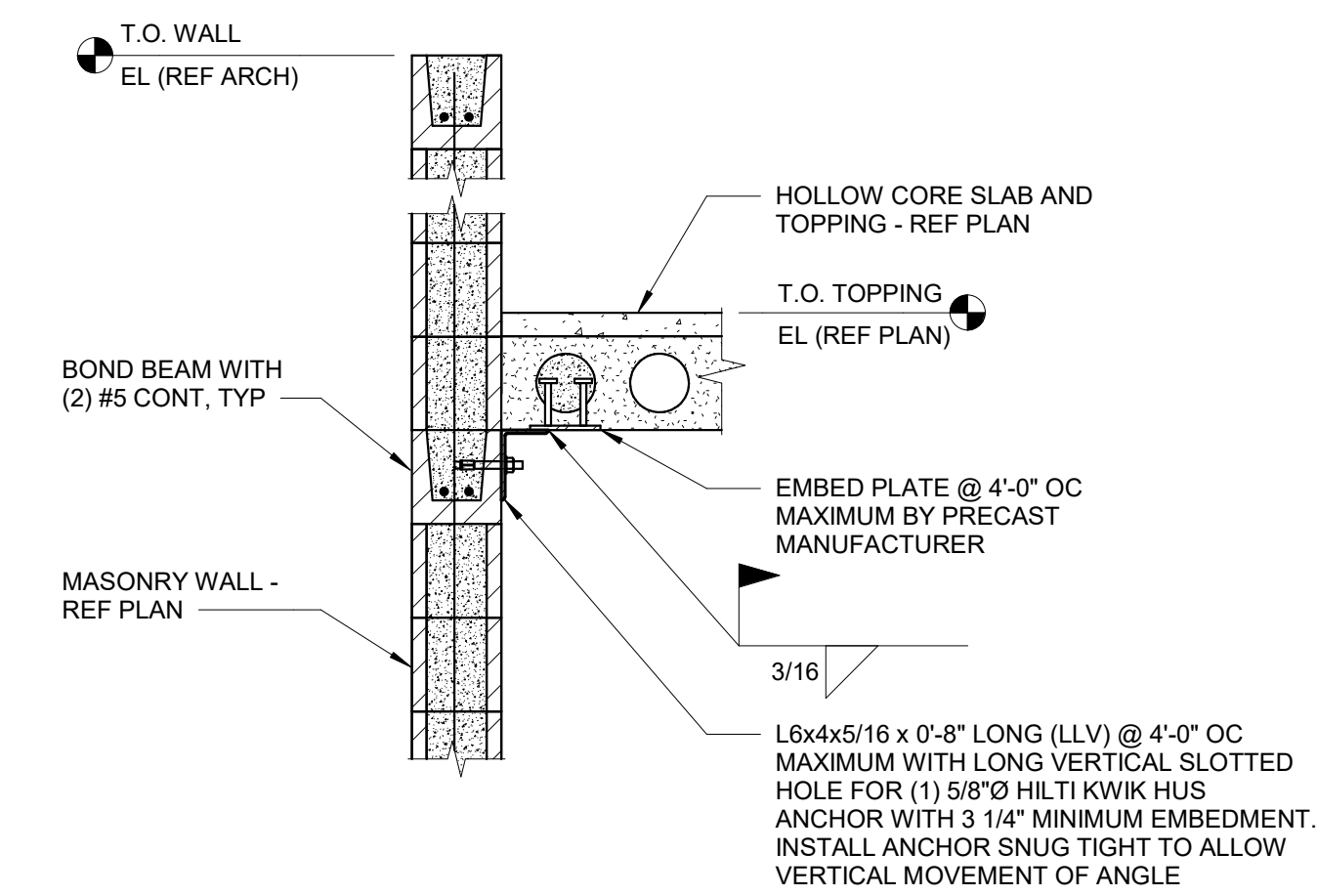
NOTES:  
1. PRECAST MANUFACTURER TO DETERMINE IF ENDS OF HOLLOW CORE SLABS REQUIRE SOLID ENDS DUE TO WALL LOADS.



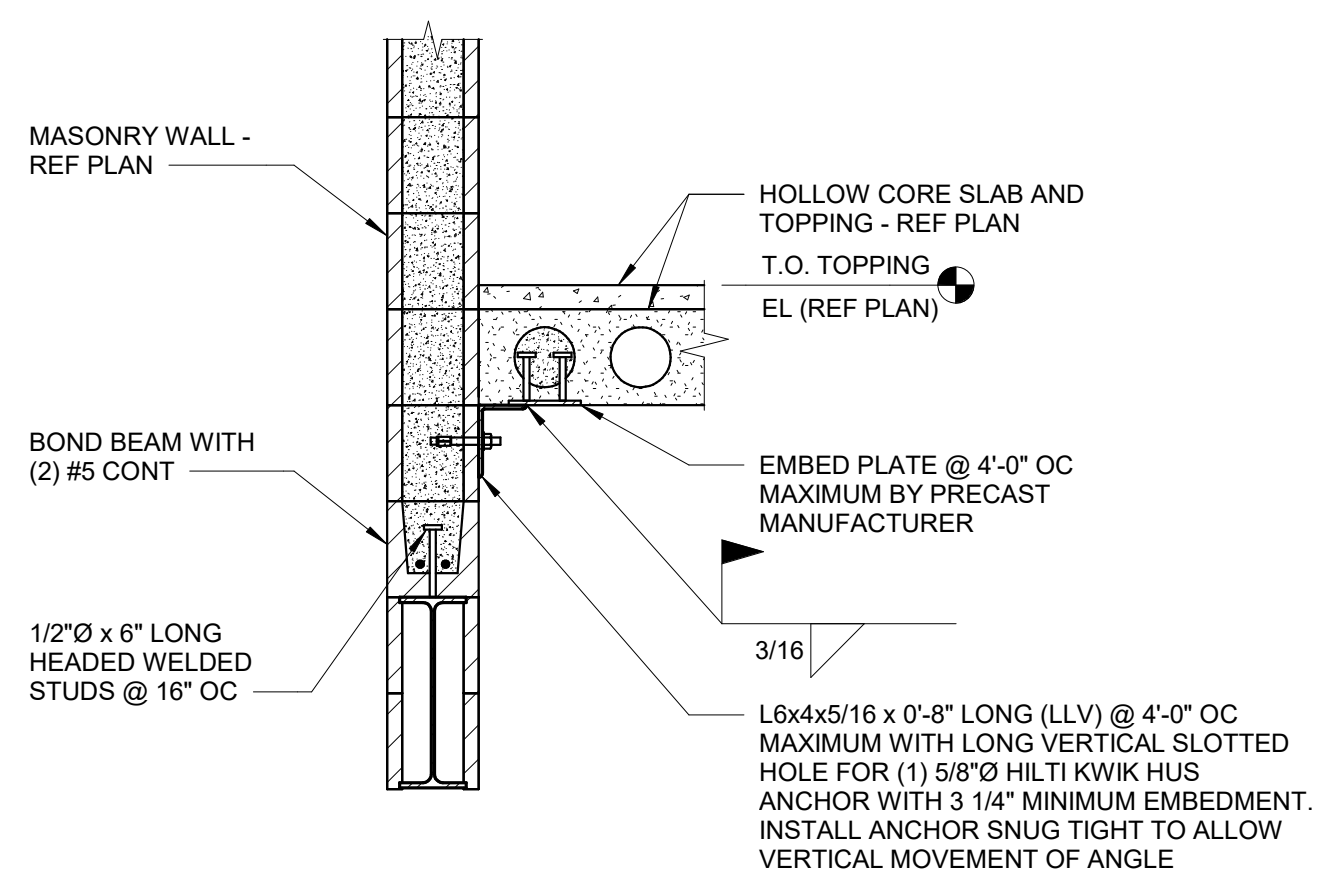
**3** **HOLLOW CORE SLAB BEARING AT CMU WALL**  
3/4" = 1'-0"



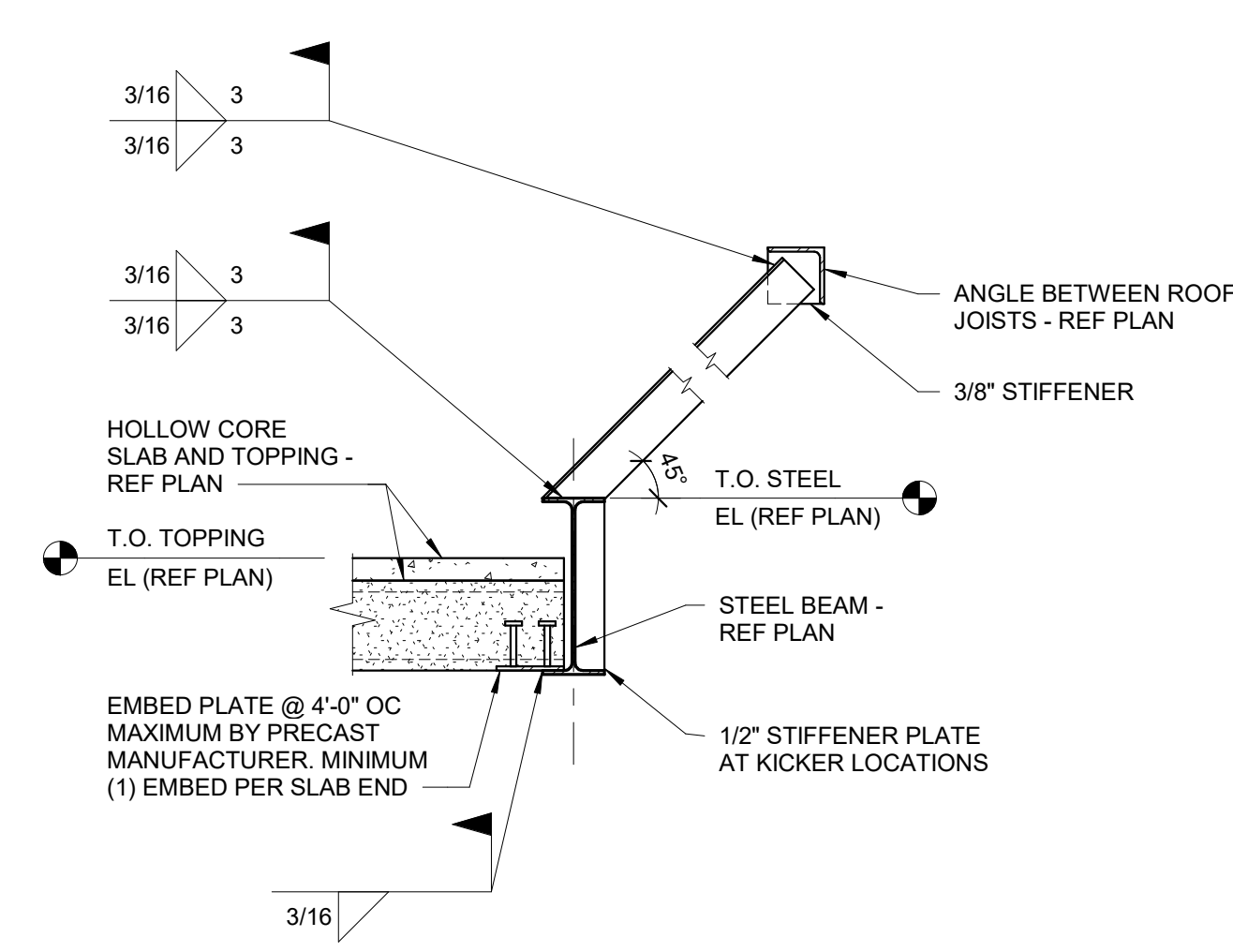
**4** **HOLLOW CORE SLAB PARALLEL TO EXTERIOR WALL**  
3/4" = 1'-0"



**5** **HOLLOW CORE SLAB PARALLEL TO CMU WALL**  
3/4" = 1'-0"

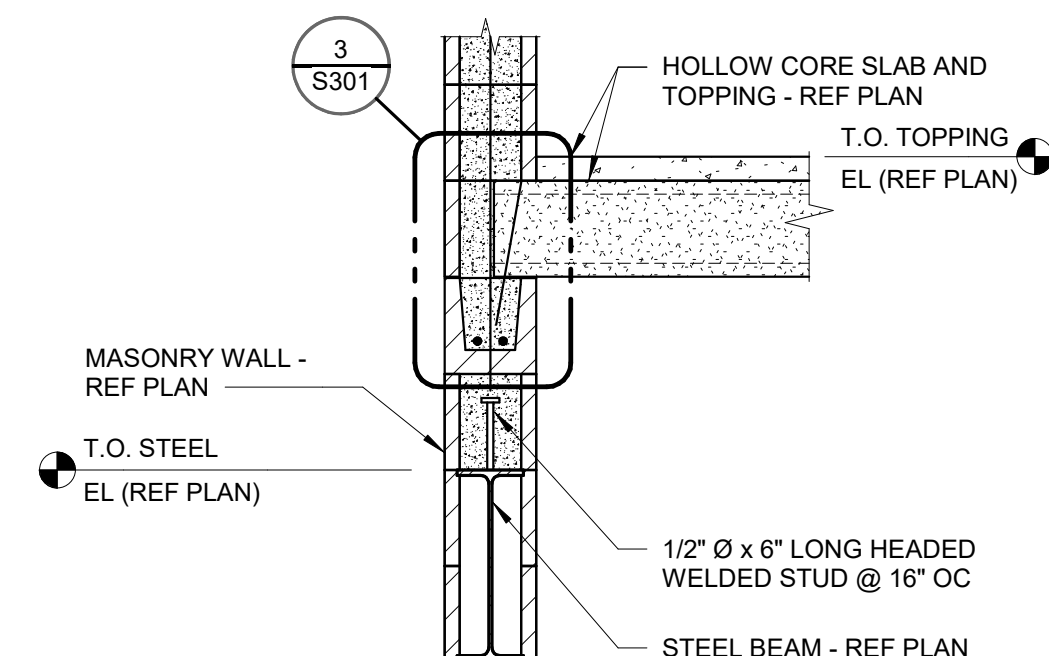


**6** **FLOOR EDGE DETAIL**  
3/4" = 1'-0"



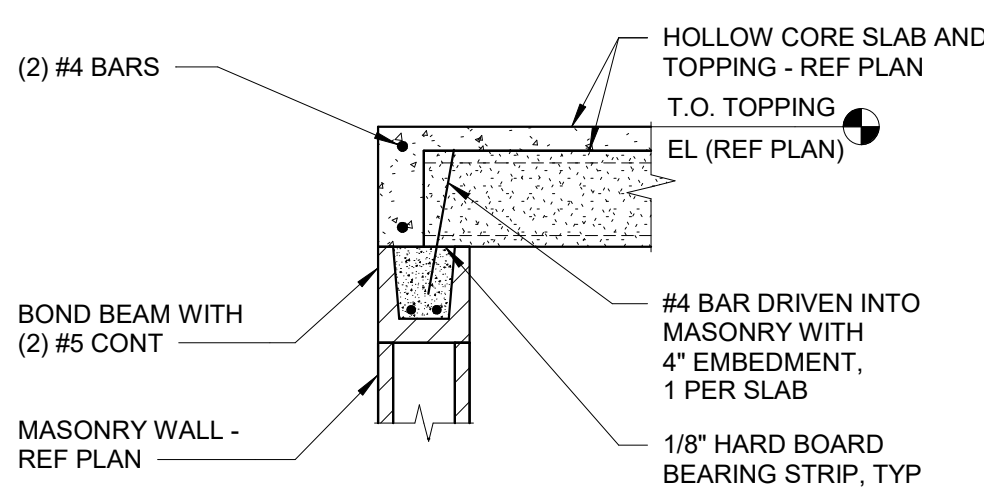
**7** **FLOOR EDGE DETAIL**  
3/4" = 1'-0"

NOTES:  
1. AT SIM: REFER TO DETAIL FOR KICKER CONNECTIONS. PROVIDE 3/8" STIFFENER PLATE AT ROOF BEAM ON GRID LINE 13 FOR KICKER ATTACHMENT.



**8** **HOLLOW CORE SLAB BEARING AT CMU WALL**  
3/4" = 1'-0"

NOTES:  
1. AT SIM: REFER TO ARCHITECTURAL DRAWINGS FOR WALL EXTENTS ABOVE HOLLOW CORE FLOOR.



**9** **HOLLOW CORE SLAB BEARING AT CMU WALL**  
3/4" = 1'-0"

**IMEG** 1800 DEMING WAY, SUITE 200  
MIDDLETON, WI 53562  
608.223.9600 FAX: 608.836.0415  
www.imegcorp.com  
PROJECT # 17001140.00

IMEG CORP RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA THEREON. THIS DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG CORP AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG CORP. © 2017 IMEG CORP.

REFERENCE SCALE IN INCHES  
0 1 2 3

**MADISON FIRE STATION 14  
CONTRACT # 8027  
PRE BID SITE WALKTHROUGH  
NOVEMBER 15, 2017 11 AM**

**ATTENDEES  
PLEASE SIGN-IN**

NAME	COMPANY	EMAIL	PHONE
JOE ORENDOFF	TICINO METAL POST	Joe.orendoff@TMPUS.com	414-791-4776
Travis Meidl	Integrity Welding Foundation	travis.meidl@integrityge.com josh@integrityge.com	715-897-4343
Nate Stan	Support Works	nate@fsiwi.com	920 659 1741
JEFF BESCH	MIDWEST ELECTRIC	jbesch@mwelectric.net	608-239-1609
Pete Rustad	Call Hall	prustad@pcall.com	608-222-1381
Mick Urbanowicz	Monona PFP	murbanowicz@mononapfp.com	608-576-5460
ANDREW Alderman	MPFP	aalderman@mononapfp.com	608 563 1269
Tyle TREML	MIRAU CONST	Tyle.Treml@mirau-construction.com	608 203 2737
Rob CICHY	CICHY Plumbing	<del>Rob</del> Cichyplumbingmadison@gmail.com	608 630 9587
Seth Madsen	Kraus-Andersen	seth.madsen@krausandersen.com	608-938-5444
Tim Karden	ASG Electric	Tim K@ASGElectricwi.com	608-279-5247
Ruth Ann Timhoff	CREATIVE ENERGY	Ruthann.creativeenergydesigns@yahoo.com	608-256-7697
Dora Maurice	Class A Cleaning	info@ClassaClean.com	(608) 30-3123
ANNOM Laire	Highest standards Professional cleaning	higheststandardspc@gmail.com	(608) 446-8334 (608) 320-6693 (608) 239-3493
Jim GLIDER	VEIT	JGLIDER@VEITUSA.COM	262-505-2514
JASON KOZIAR	Ideal Builders	jkoziar@idealbuildersinc.com	608-729-2360

MADISON FIRE STATION 14  
CONTRACT # 8027  
PRE BID SITE WALKTHROUGH  
NOVEMBER 15, 2017 11 AM

ATTENDEES  
PLEASE SIGN-IN

NAME	COMPANY	EMAIL	PHONE
Dave Gillen	The Electrician Inc	david@theelectricianinc.com	608-437-4977
JOE TRAWOR	JOE DANIELS	JTRAWOR@DANIELSLO.COM	271-4800 PH 271-4570 FX

**SECTION 00 31 46  
PERMITS**

1  
2  
3  
4 PART 1 – GENERAL ..... 1  
5 1.1. SUMMARY ..... 1  
6 1.2. REFERENCES ..... 1  
7 1.3. GENERAL CONTRACTORS REQUIREMENTS ..... 1  
8 PART 2 – PRODUCTS – THIS SECTION NOT USED ..... 1  
9 PART 3 – EXECUTION – THIS SECTION NOT USED ..... 1

10  
11 **PART 1 – GENERAL**

12  
13 **1.1. SUMMARY**

- 14 A. Each project has varying requirements for permits, inspections, and fees based on the scope, size, and location of  
15 the project.  
16 B. The City of Madison (Owner) is subject to all permits, inspections and associated fees for construction,  
17 demolition, utility connection, storm water management, and other similar requirements that may be required  
18 to complete the scope of work associated with these contract documents.  
19 C. The General Contractor (GC) shall be responsible for obtaining all permits and inspections and paying for all  
20 associated fees unless specifically identified within this specification.  
21 D. **The City will pay all fees associated with obtaining permits for this project.**

22  
23  
24 **1.2. REFERENCES**

- 25 A. The following references are not intended to be all inclusive. It shall be the GC's responsibility to determine all  
26 requirements based on the scope of work in the contract documents.  
27 B. City of Madison Ordinances: Review all ordinances that may require a permit or fee that may be connected with  
28 a required permit. Contact the following City Agencies to determine the exact requirements during bidding  
29 1. Building Inspection  
30 2. Zoning  
31 3. Engineering  
32 4. Water Utility  
33 5. Traffic Engineering  
34 6. Others as may be specified by the contract documents.  
35 B. State Statutes  
36 C. Other Regulatory Regulations  
37 D. Other Agencies or companies that may have related requirements  
38 1. Madison Metropolitan Sewerage District  
39 2. Local gas and electric utility companies  
40 3. Other utility companies

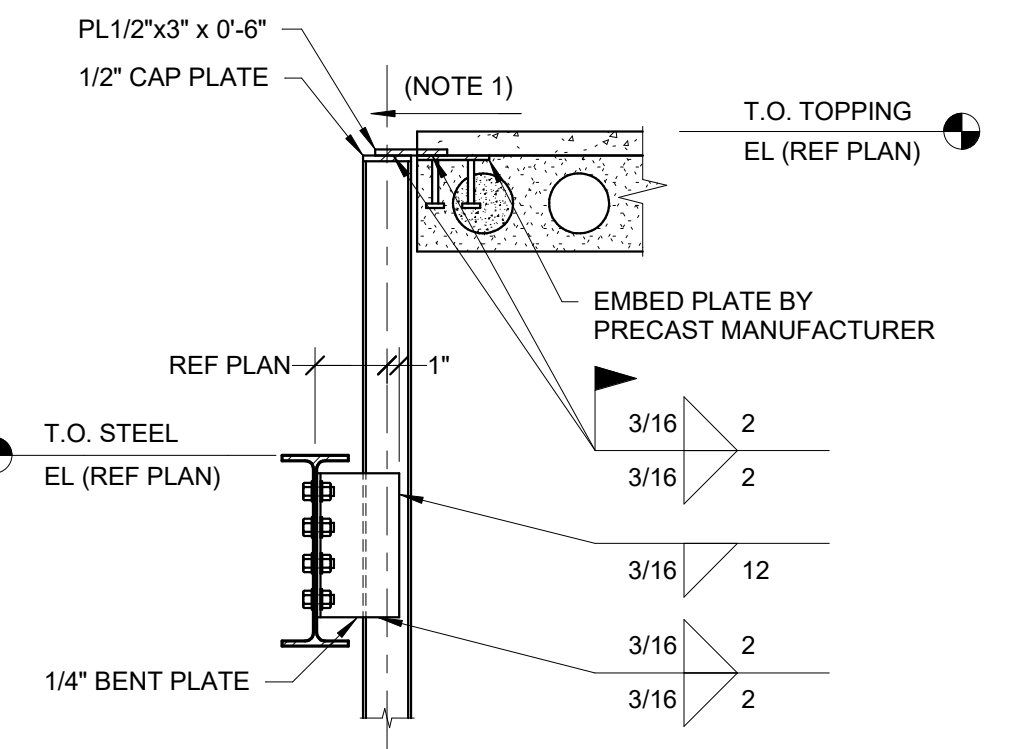
41  
42 **1.3. GENERAL CONTRACTORS REQUIREMENTS**

- 43 A. The GC shall be responsible for all of the following:  
44 1. Execute application for all required permits as may be required by the scope of work described within the  
45 contract documents.  
46 2. **Coordinating with the City PM with respect to fees for any required permits. Paying all fees associated**  
47 **with the application of any required permits.**  
48 3. Scheduling all required inspections that may be conditions of any required permits.  
49 B. The GC shall provide high quality scanned images of all required permits and inspections and upload them to the  
50 Contract Documents-Regulatory Documents Library on the Project Management Web Site.

51  
52 **PART 2 – PRODUCTS – THIS SECTION NOT USED**

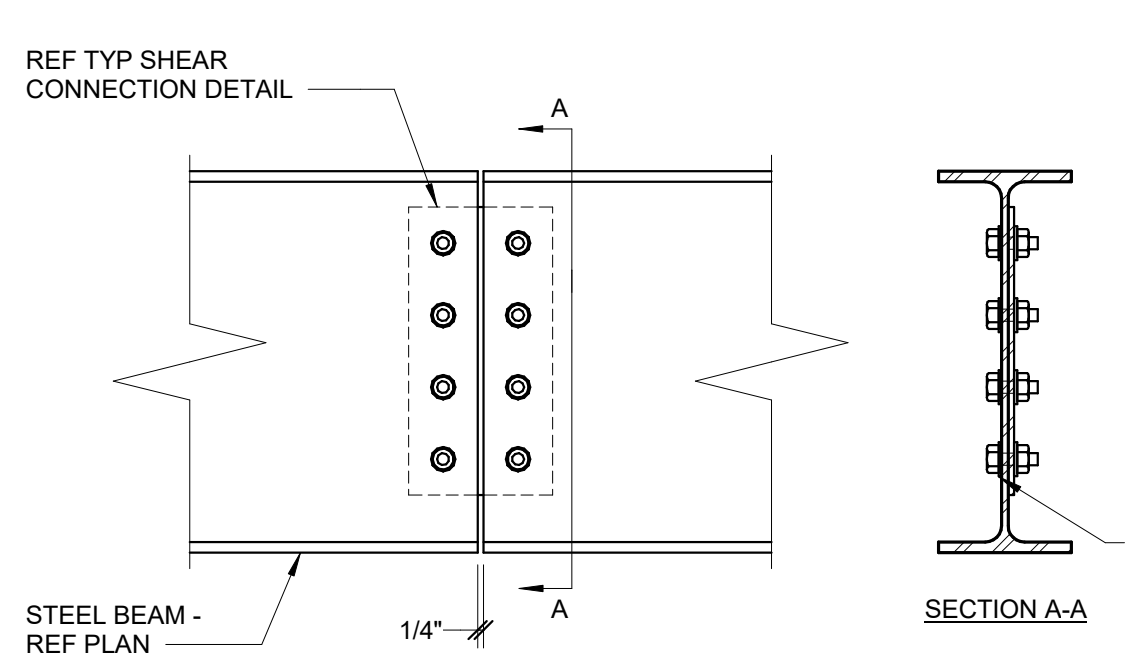
53  
54 **PART 3 – EXECUTION – THIS SECTION NOT USED**

55  
56  
57 **END OF SECTION**  
58

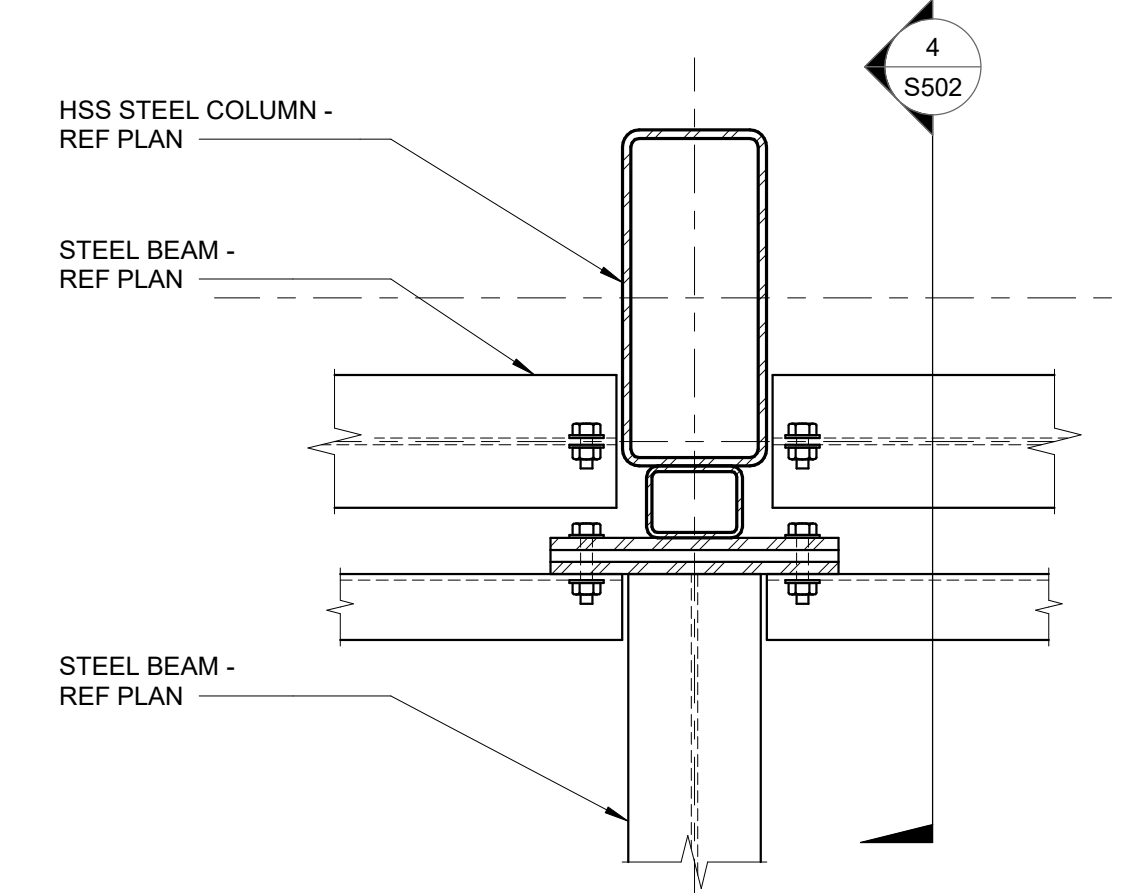


**1 FRAMING DETAIL**  
3/4" = 1'-0"

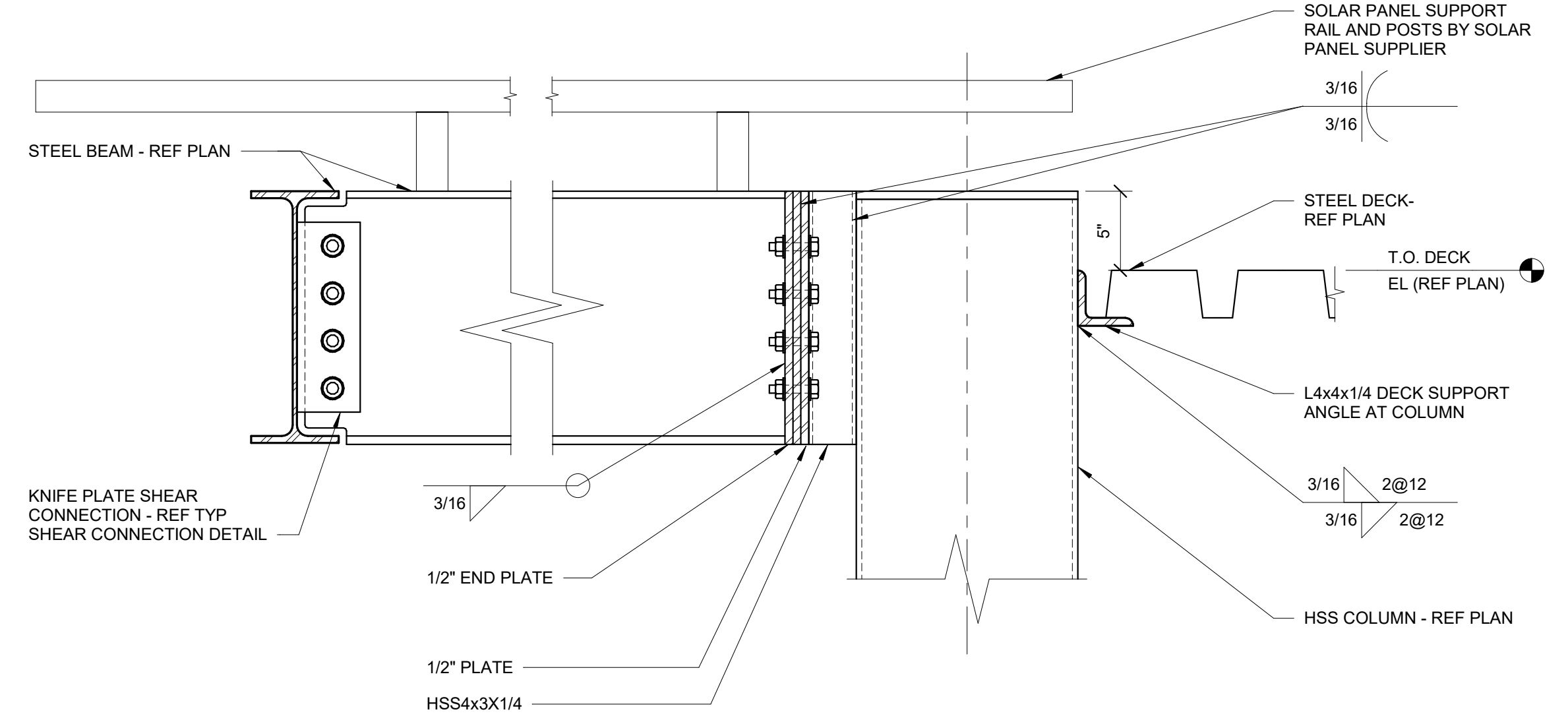
- NOTES:
1. PRECAST MANUFACTURER TO DESIGN EMBED FOR THE FOLLOWING UNFACTORED SERVICE LOADS: DEAD LOAD = 200 LB AND REVERSIBLE WIND LOAD = 1250 LB.
  2. MASONRY WALL NOT SHOWN FOR CLARITY.



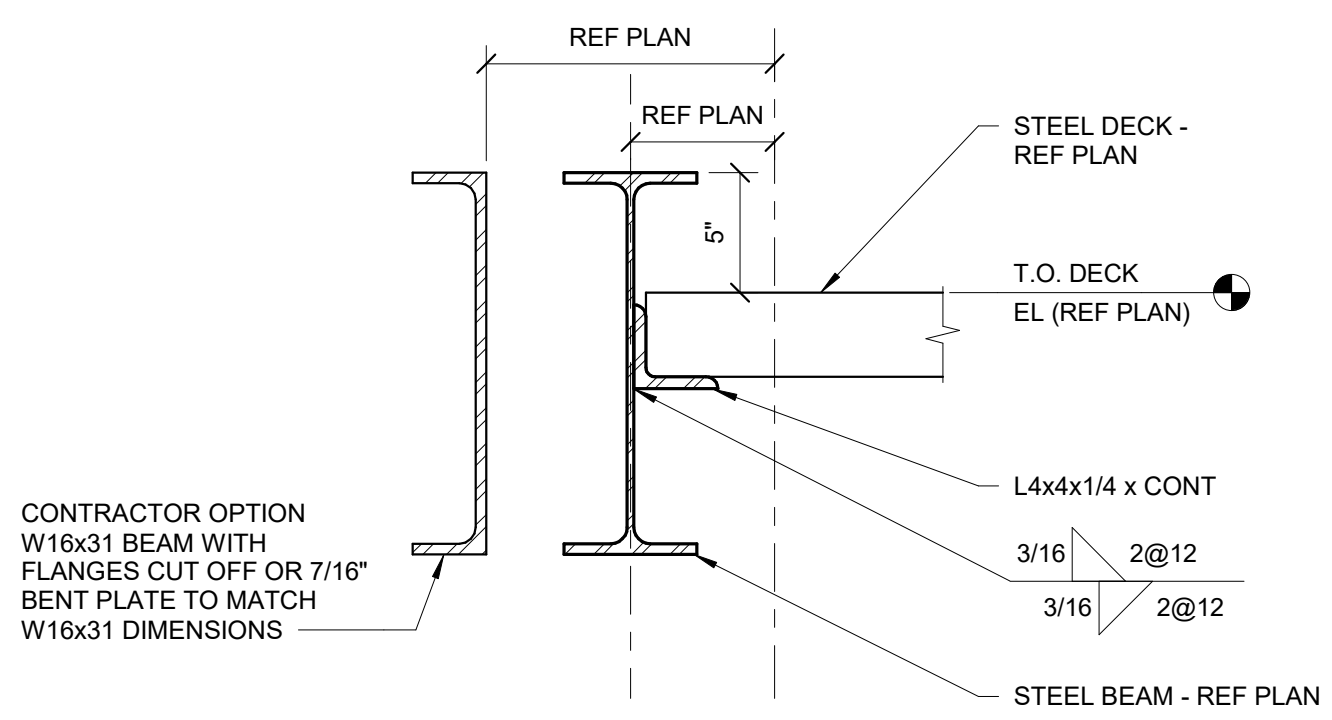
**2 SPLICE DETAIL**  
1 1/2" = 1'-0"



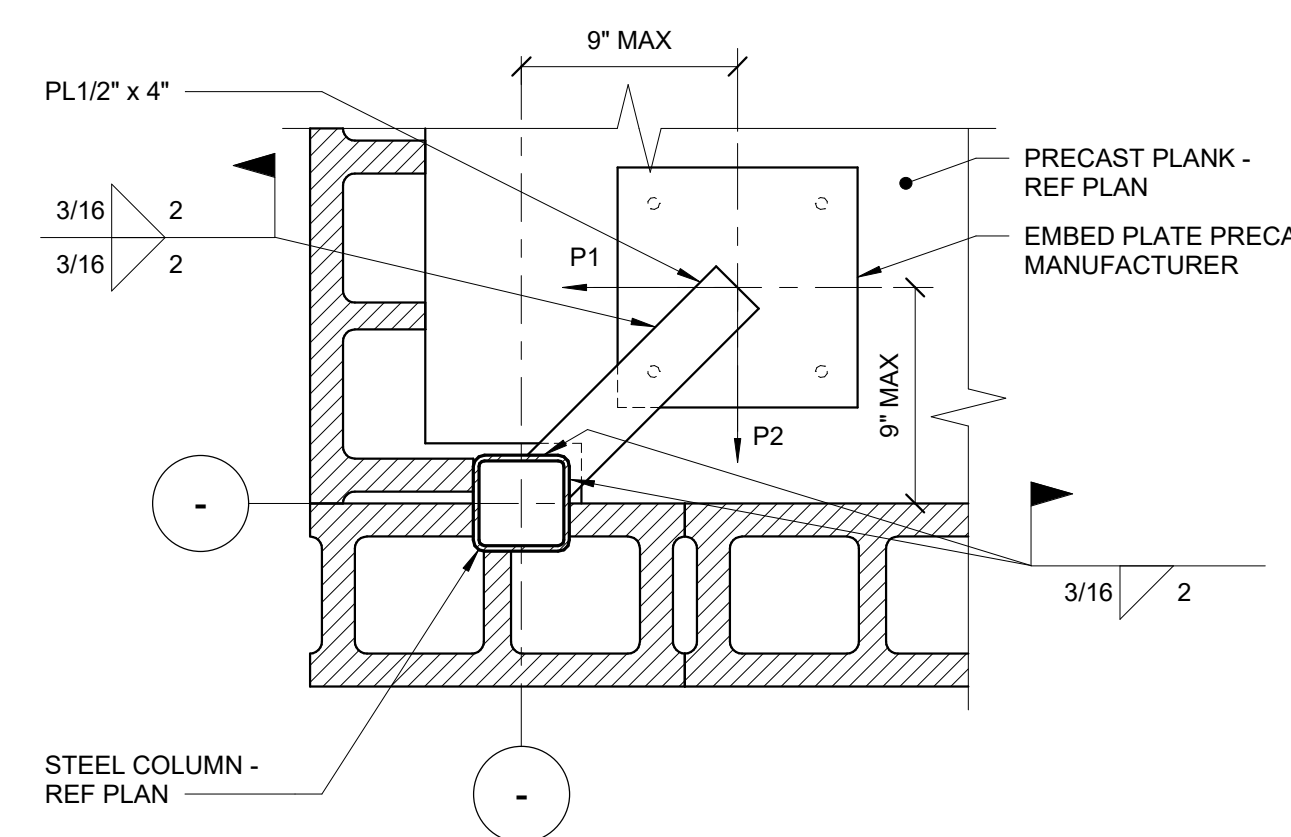
**3 OVERHANG CONNECTION DETAIL**  
1 1/2" = 1'-0"



**4 OVERHANG CONNECTION DETAIL**  
1 1/2" = 1'-0"

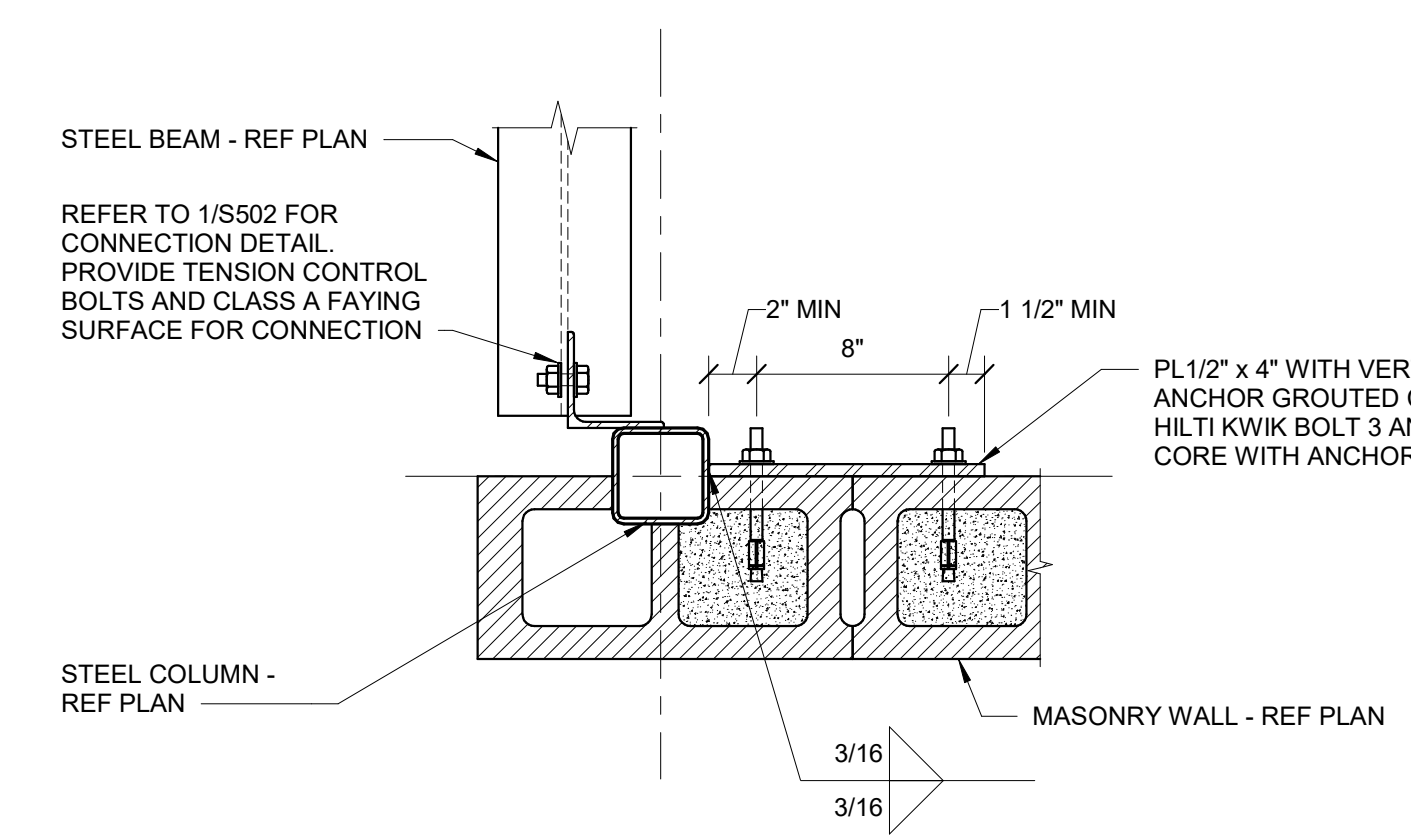


**5 OVERHANG CONNECTION DETAIL**  
1 1/2" = 1'-0"

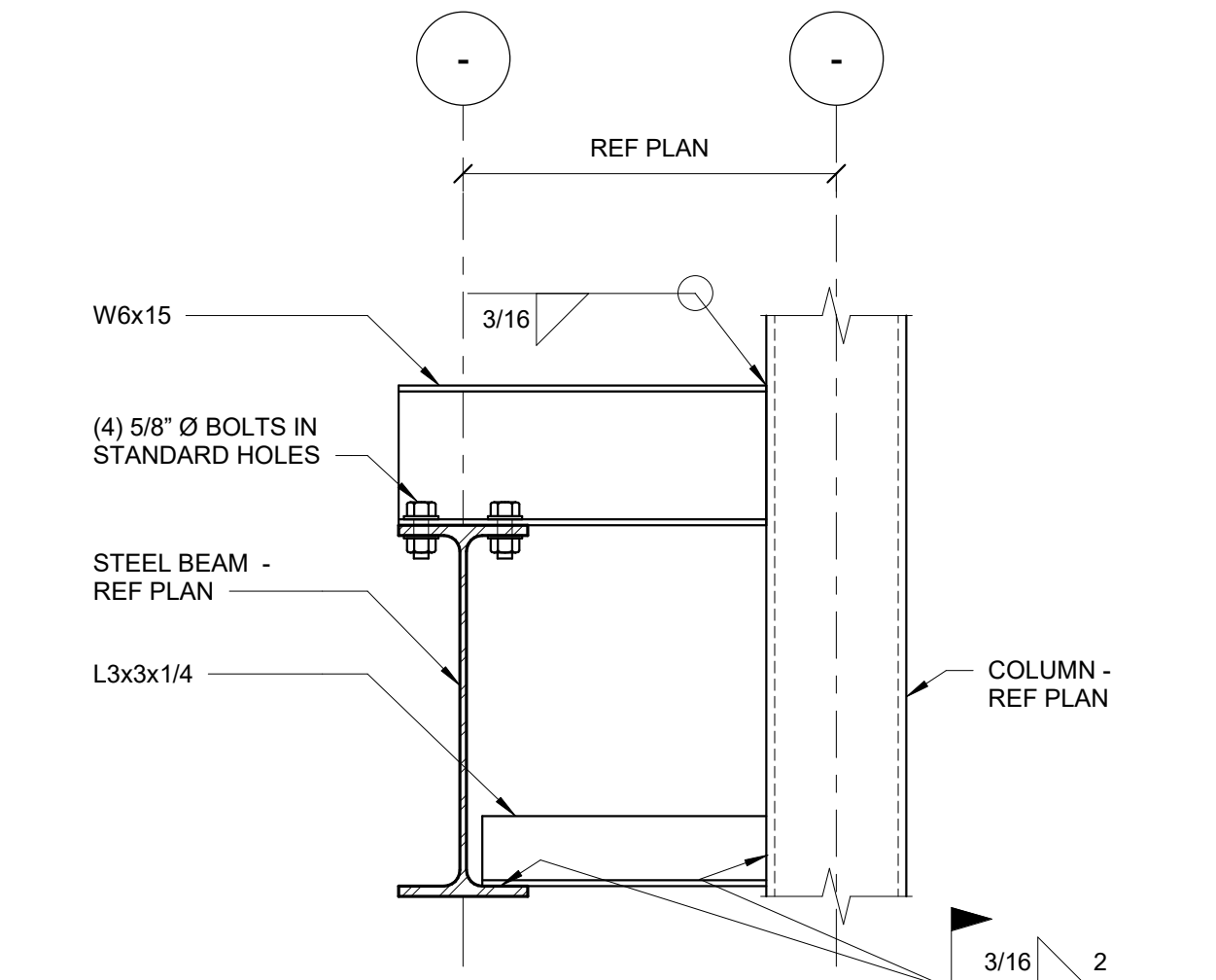


**6 FRAMING DETAIL**  
1 1/2" = 1'-0"

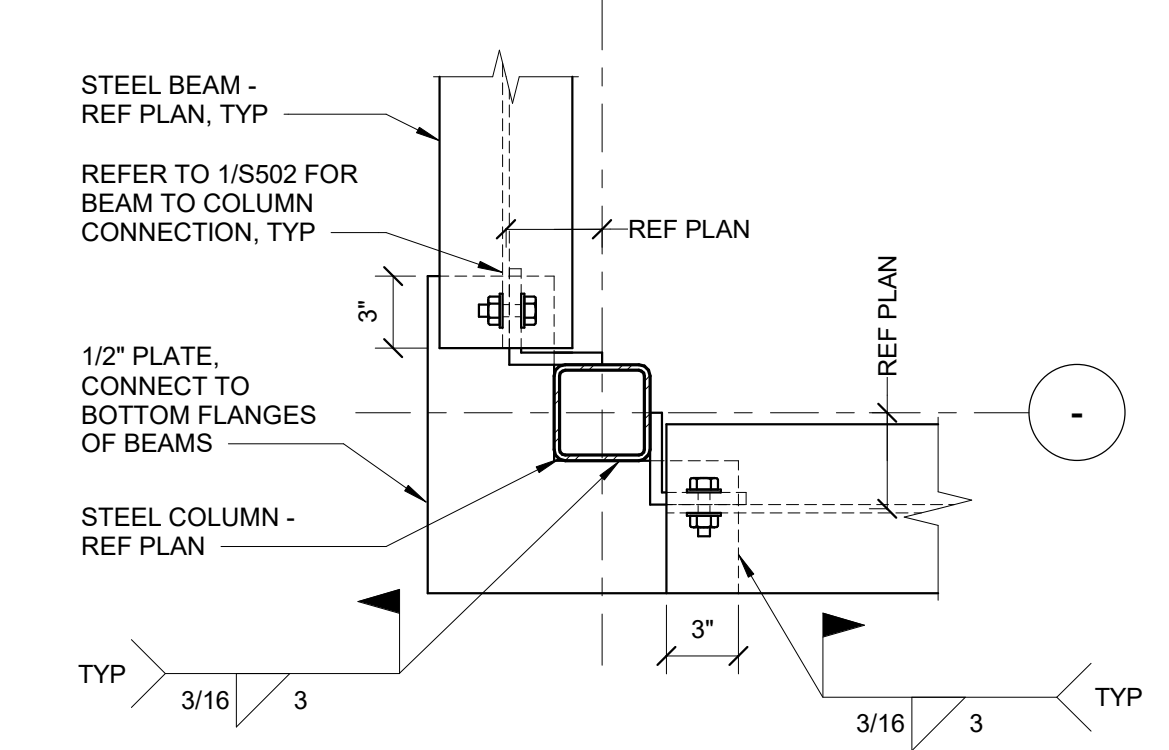
- NOTES:
1. P# INDICATES HORIZONTAL LOAD REQUIRED TO BRACE COLUMN. PRECAST MANUFACTURER TO DESIGN EMBED FOR THE FOLLOWING UNFACTORED SERVICE LOADS:
- |                              |          |
|------------------------------|----------|
| P1 - DEAD LOAD (1.0DL)       | = 150 LB |
| LIVE LOAD (1.0LL)            | = 125 LB |
| REVERSIBLE WIND LOAD (1.0WL) | = 425 LB |
| P2 - DEAD LOAD (1.0DL)       | = 100 LB |
| REVERSIBLE WIND LOAD (1.0WL) | = 850 LB |



**7 FRAMING DETAIL**  
1 1/2" = 1'-0"

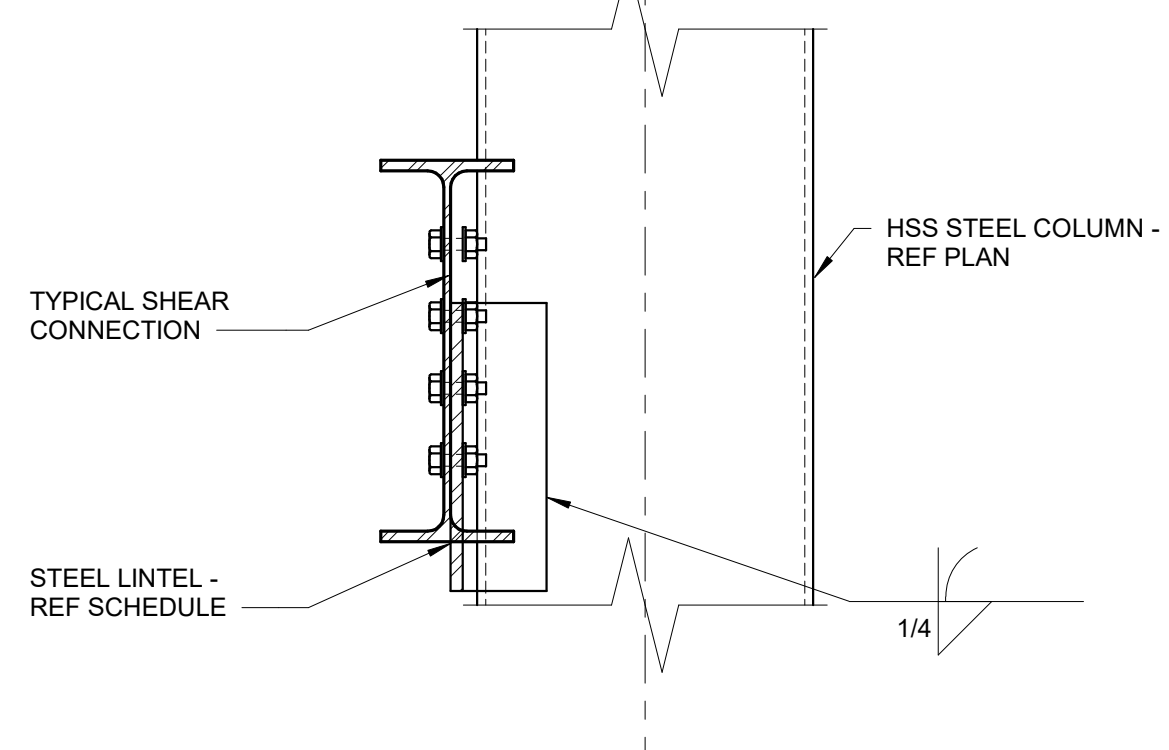


**8 FRAMING DETAIL**  
1 1/2" = 1'-0"

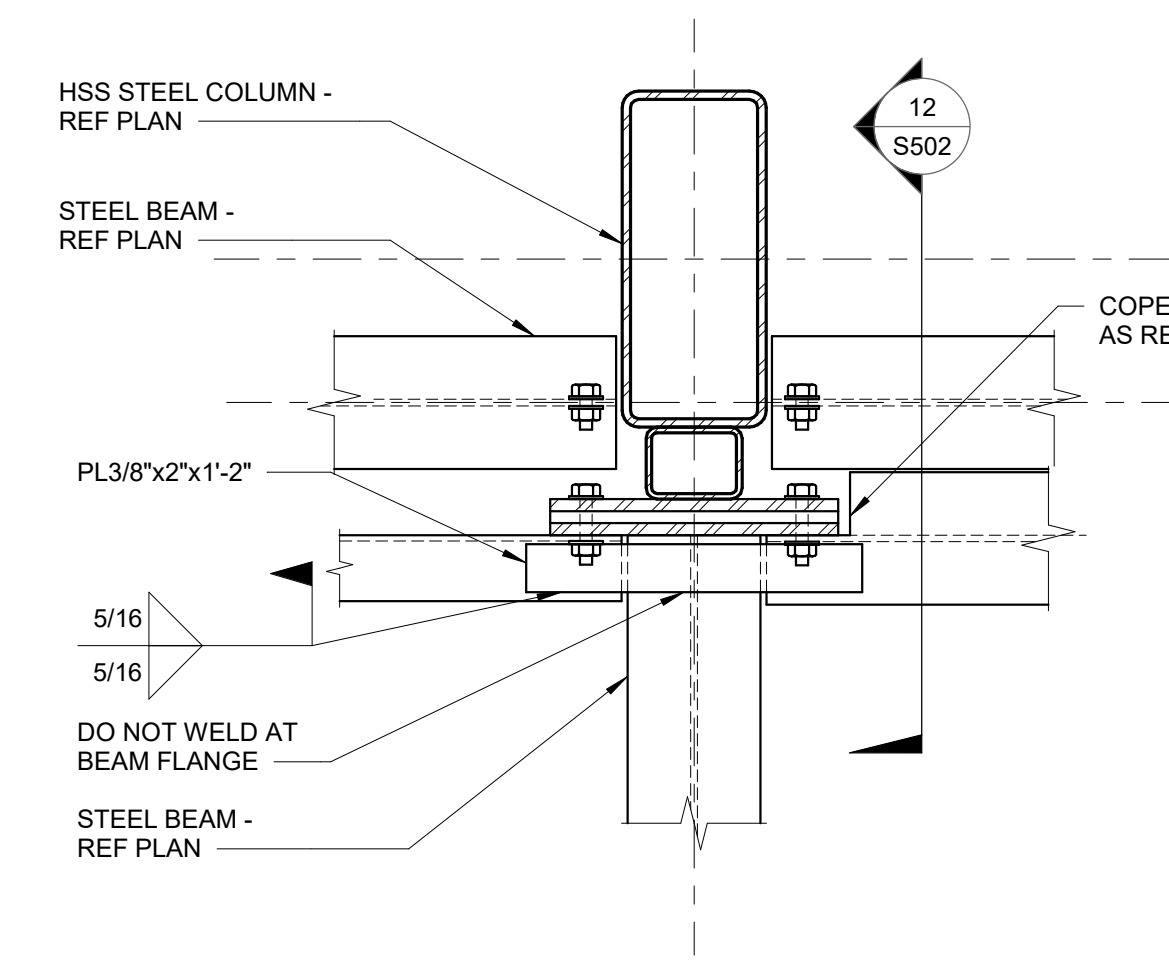


**9 FRAMING DETAIL**  
1 1/2" = 1'-0"

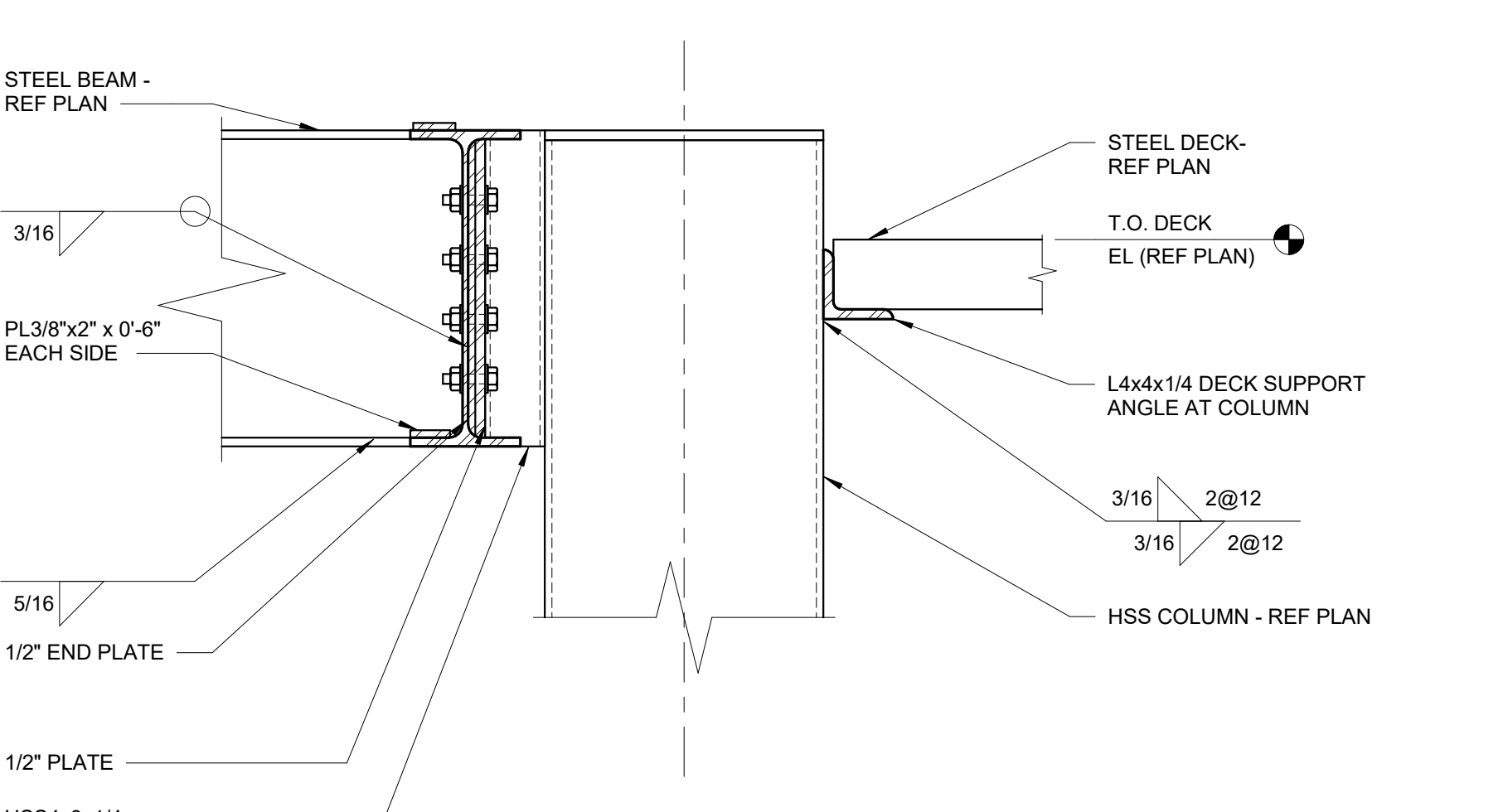
- NOTES:
1. MASONRY WALL NOT SHOWN FOR CLARITY.



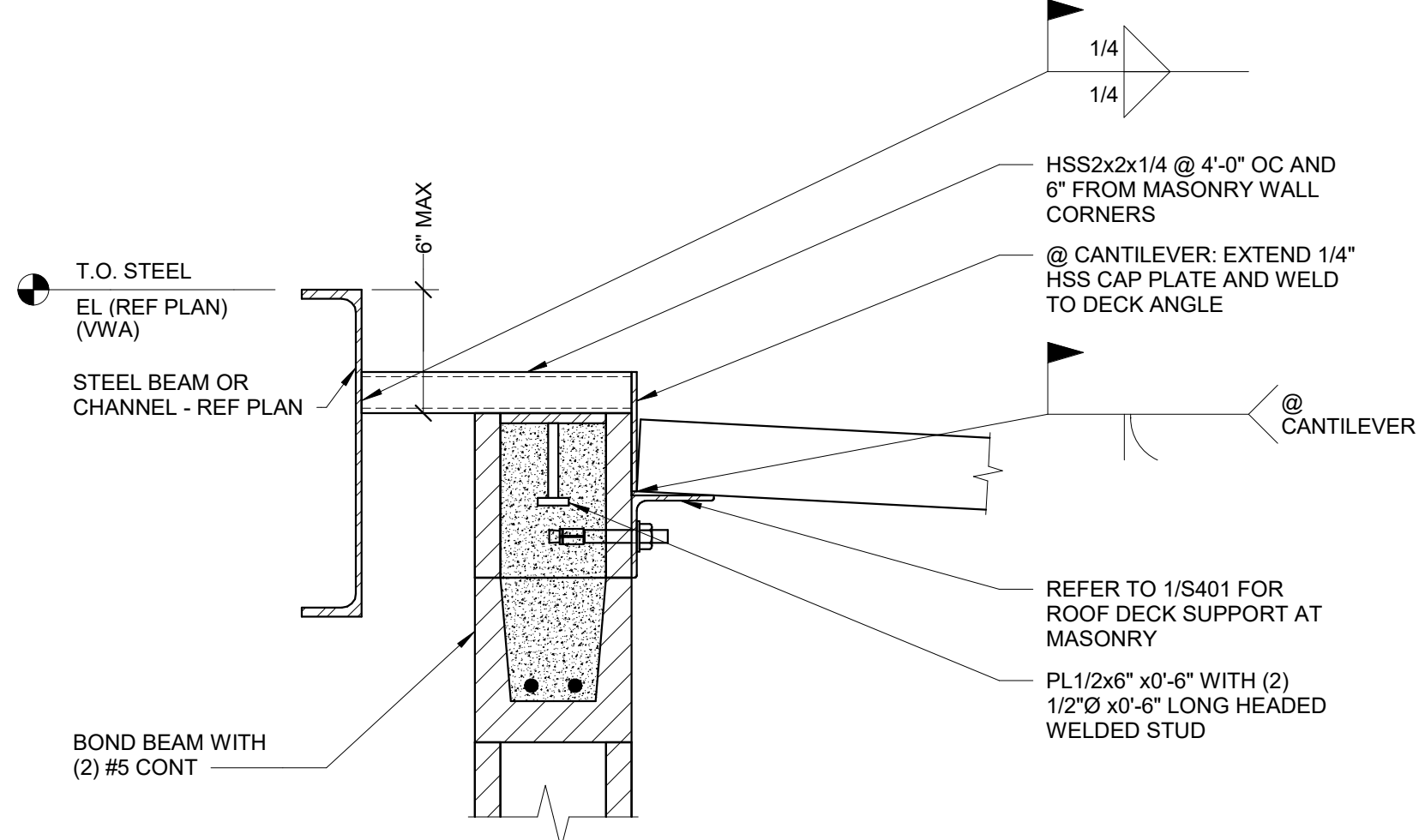
**10 STEEL LINTEL CONNECTION DETAIL**  
1 1/2" = 1'-0"



**11 OVERHANG CONNECTION DETAIL**  
1 1/2" = 1'-0"

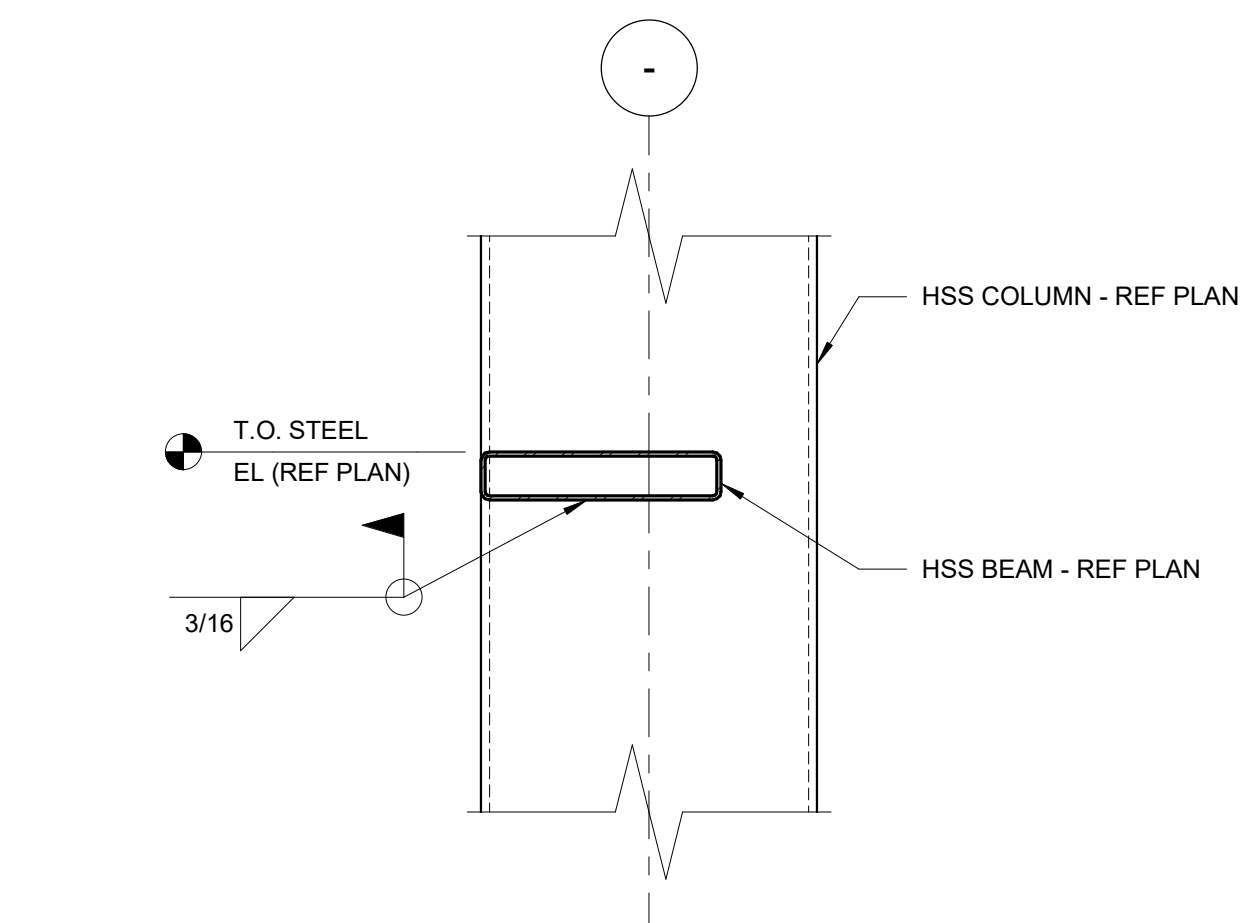


**12 OVERHANG CONNECTION DETAIL**  
1 1/2" = 1'-0"



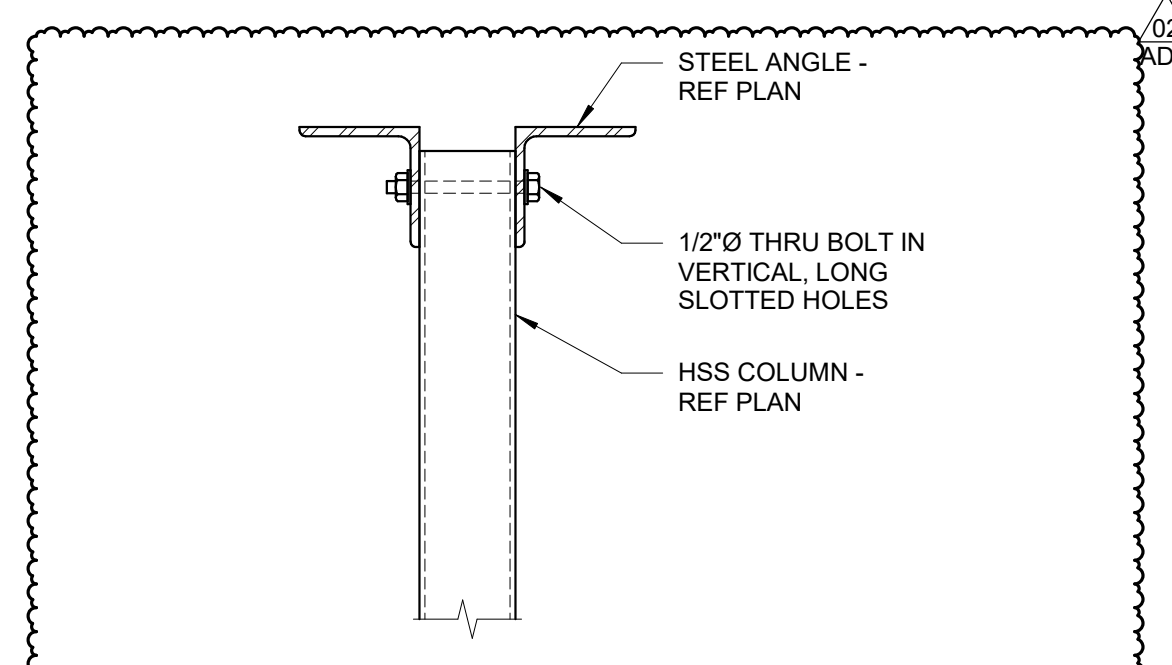
**13 FRAMING DETAIL**  
1 1/2" = 1'-0"

- NOTES:
1. AT SIM DECK SPAN IS PARALLEL TO WALL.
  2. COORDINATE WITH DETAIL 1/5A01 TO PREVENT OVERLAP OF HILTI FASTENERS AND HEADED WELDED STUDS.

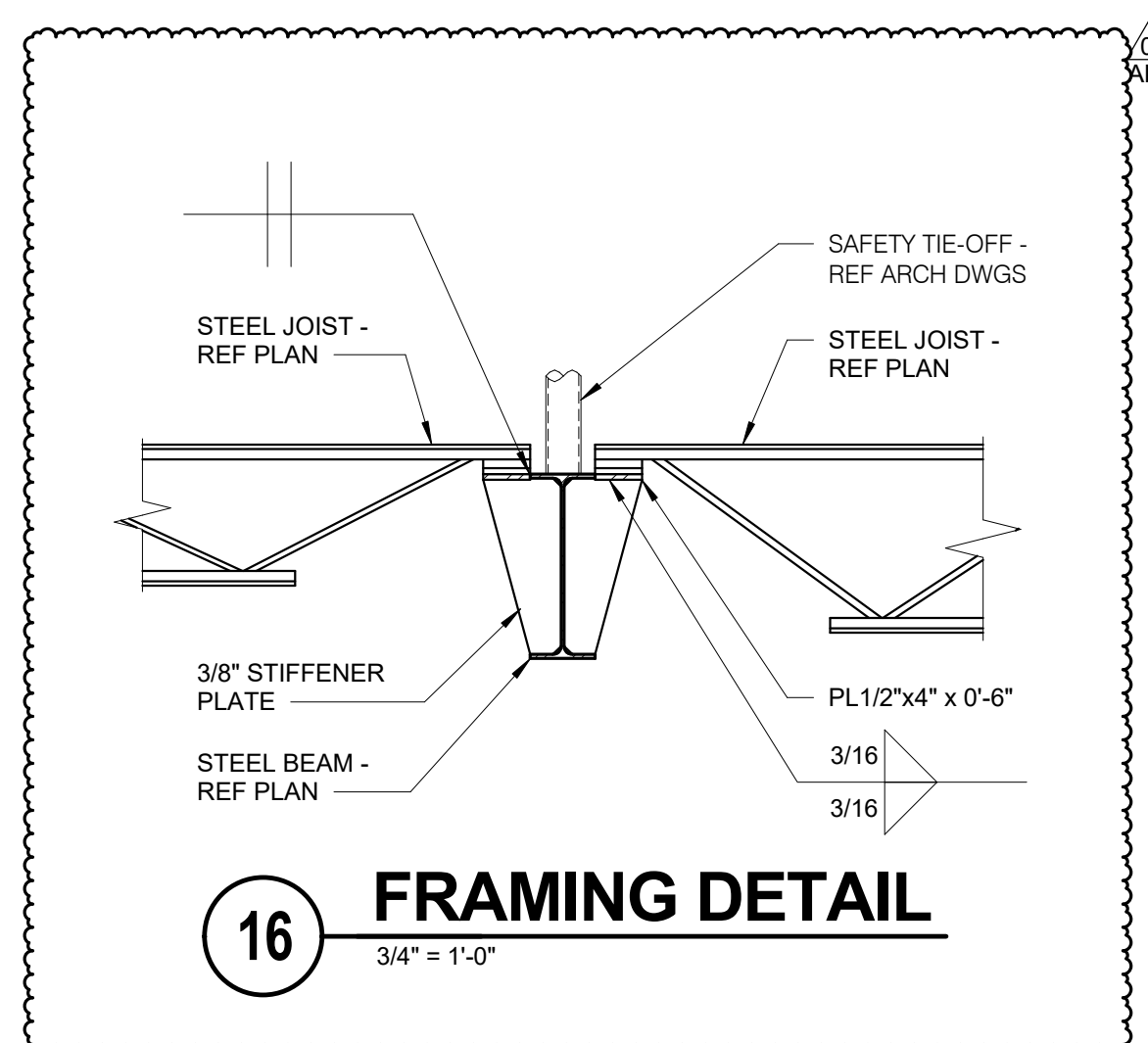


**14 FRAMING DETAIL**  
1 1/2" = 1'-0"

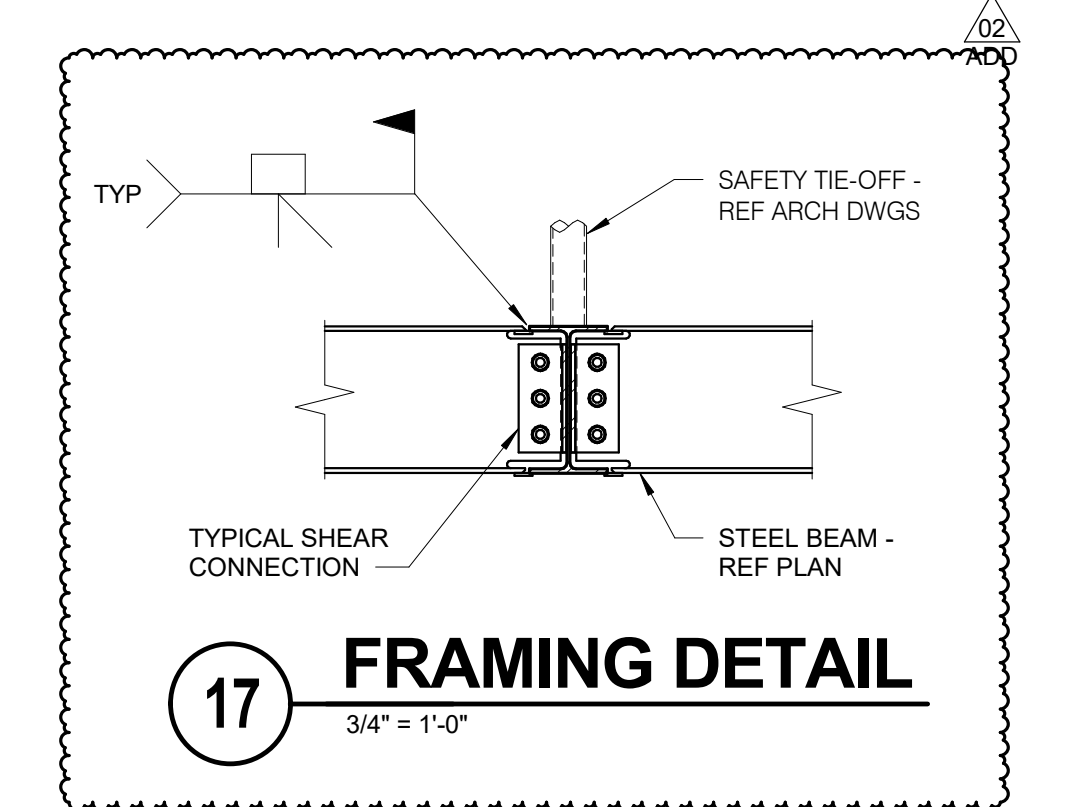
- NOTES:
1. ANY TEMPORARY ERECTION SEATS USED TO SUPPORT FRAMING SHALL BE REMOVED.



**15 COLUMN SUPPORT DETAIL**  
1 1/2" = 1'-0"



**16 FRAMING DETAIL**  
3/4" = 1'-0"



**17 FRAMING DETAIL**  
3/4" = 1'-0"

**IMEG** 1800 DEMING WAY, SUITE 200  
MIDDLETON, WI 53562  
608.223.9600 FAX: 608.836.0415  
www.imegcorp.com  
PROJECT # 1700146.00

IMEG CORP RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA BEHIND THEREOF. THIS DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG CORP AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG CORP.  
© 2017 IMEG CORP.  
REFERENCE SCALE IN INCHES