

BID #24-30-D06
Downtown Campus Paint Equipment
Addendum One
Released 11/8/2024

This thirteen (13) page addendum forms a part of the Bid Documents. It modifies the original bid documents as posted on the RVC website. The acknowledgement receipt of this addendum as specified is at the end of this document and must be included with submittal. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

ADDENDUM: Addendum One addresses the inclusion of the Bid Drawings, questions submitted to the Director of Business Services, and a change to the checklist on page 10 of the Supplemental Instructions for Bidders.

Questions received by the Director of Business Services

1. Where are the drawings?
 - a. Please see the drawings contained in Addendum One.
2. Where are the manufacturers or suppliers?
 - a. Please see the Project Manual, Division 11, Section 11-53-00, pages 1 through 5.
3. Can bidders submit substitutions?
 - a. Bidders seeking to submit substitutions should refer to the substitution procedures in Division 1, Section 01-25-00 of the Project Manual. The Substitution Sheet found in Section 00-43-25 must be completed and included with the submittal. All substitutions must adhere to the basis of design.

Change to the Checklist on page 10 of the Supplemental Instructions to Bidders

Bidders are asked to include layout drawings with their bid submittals so the College can confirm the equipment fits in the available space. This request is detailed in the Project Manual, Division 11, Section 11-53-00. Addendum One adds those layout drawings to the checklist in the Supplemental Instructions. See page 2 of this Addendum for the revised checklist. This checklist supersedes the one on page 10 in the Supplemental Instructions.

The following pages must be included with Bid submittals

- One hard copy of entire bid submittal
- One digital device such as a USB or flash drive containing entire bid submittal
- Pages 11 through 16 which include
 - Specifications and Instructions
 - Completed BEP Utilization form (all 3 pages)
 - Signed Vendor Information Page
 - References
- Bid Form – Section 00-41-13
- Bid Bond AIA A310 – per Section 00-43-13
- Substitution Sheet – Section 00-43-25
- Bidder Eligibility and Non-Collusion Affidavit – Section 00-45-19
- Acknowledgement of any and all Addenda that are released pertaining to the Bid
- Proof of participation in an apprenticeship program approved by and registered with the United States Department of Labor’s Office of Apprenticeship and Training
- A signed copy of the bidder’s W-9
- If applicable, documentation demonstrating BEP certification or partner certification.
- Layout Drawings as defined in the Project Manual

Rock Valley College

BID # 24-30-D06 Downtown Campus Paint Equipment

Please acknowledge receipt of this addendum by including this page with your submittal. Include your company name, address, printed name, title and signature in your acknowledgement below. Failure to do so could result in disqualification of your bid.

I acknowledge receipt of Addendum # 1

Company Name

Street Address City & State

Signature Date

Printed Name & Title

Telephone Number FAX Number

Addendum One _____
Initials

Issued by:
Karen Kerr
Director of Business Services
Rock Valley College
3301 N Mulford Road
Rockford IL 61114

ROCK VALLEY COLLEGE

DOWNTOWN CAMPUS - PAINT EQUIPMENT

711 GREEN ST
ROCKFORD IL 61102

BID # 24-30-D06. ISSUED FOR BIDDING

11/1/24

DKA PROJECT NO: 23-030



ARCHITECT:

DEMONICA KEMPER ARCHITECTS
125 N. HALSTED ST., SUITE 301
CHICAGO, IL 60661
T: 312.496.0000 F: 312.496.0001



MEP

IMEG CORPORATION
1100 WARRENVILLE RD, SUITE 400W
NAPERVILLE, IL 60563
630.753.8541



CIVIL ENGINEERING

FEHR GRAHAM
200 PRAIRIE ST, SUITE 208,
ROCKFORD, IL 61107
815.394.4700



STRUCTURAL ENGINEERING

IMEG CORPORATION
1100 WARRENVILLE RD, SUITE 400W
NAPERVILLE, IL 60563
630.753.8541



Ringland-Johnson
CONSTRUCTION MANAGER

CONSTRUCTION MANAGER

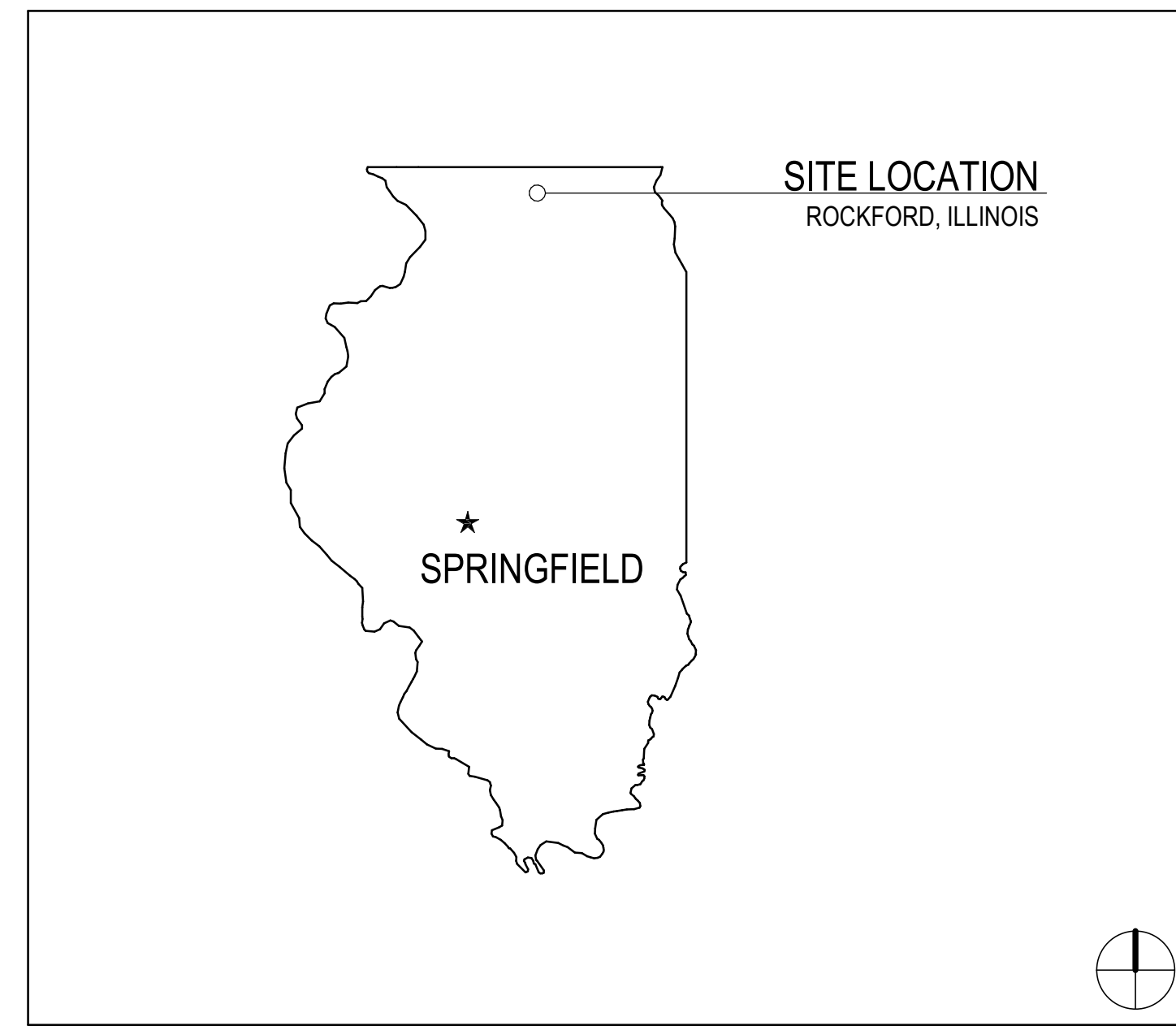
RINGLAND JOHNSON
1725 HUNTWOOD DR, CHERRY
VALLEY, IL 61016
815.332.8600



ABBREVIATIONS

Table of abbreviations and their corresponding full names, organized in columns. Includes terms like ACoust, ADJ, A.F.F., AGGR, etc.

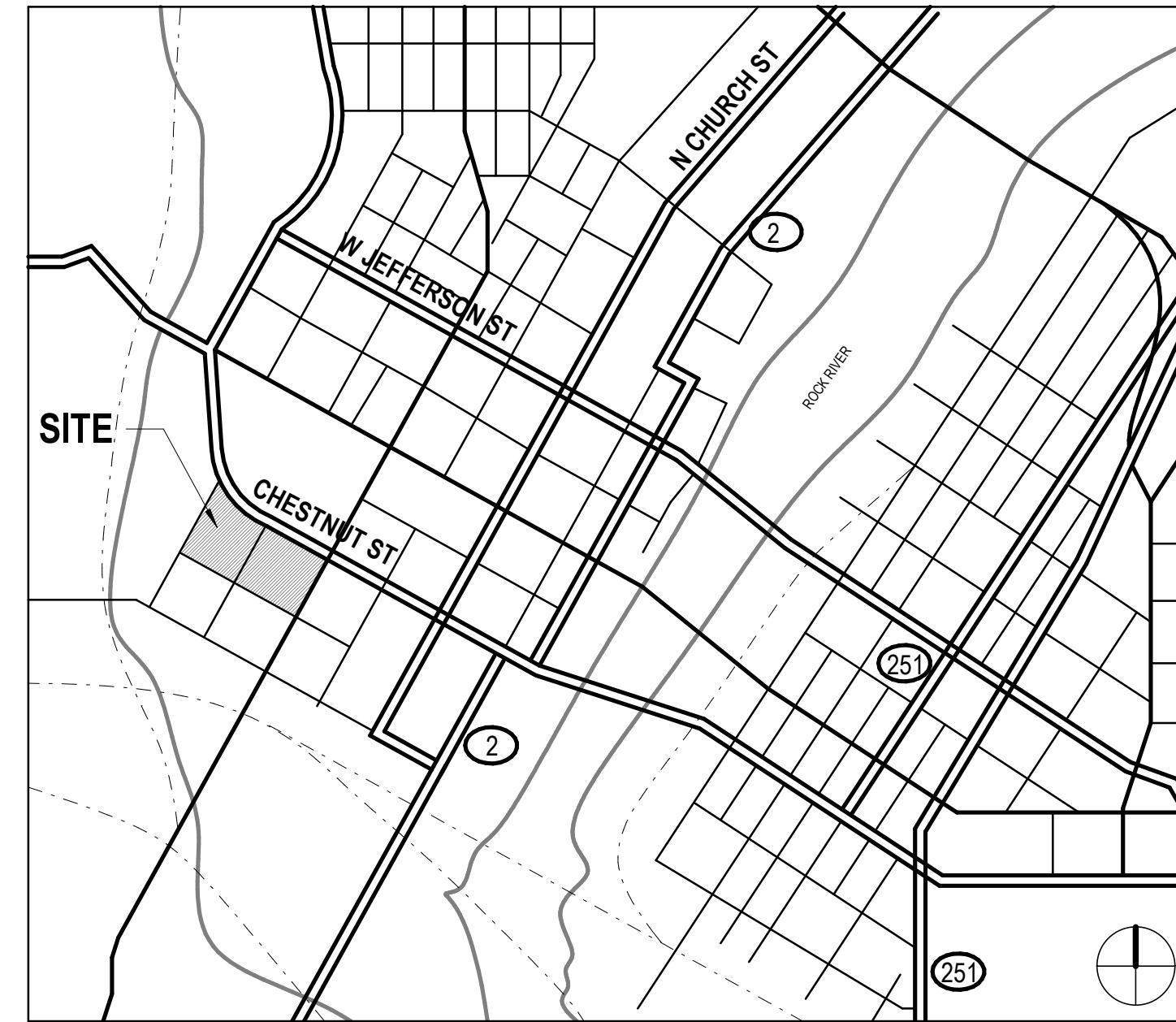
STATE LOCATION MAP



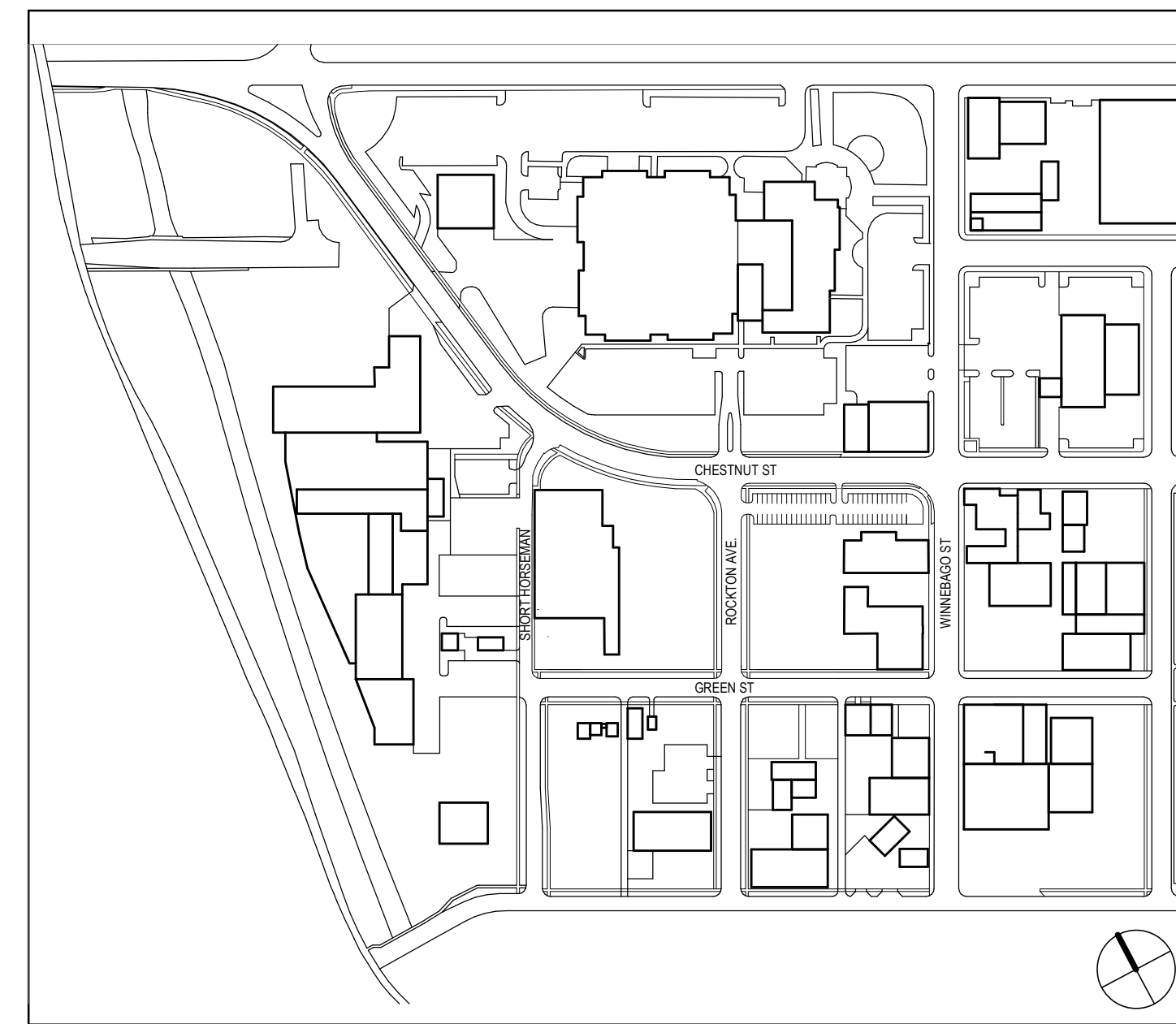
SHEET INDEX

Table listing sheet numbers and their corresponding titles, such as G1.00 SHEET INDEX, ABBREVIATIONS, SYMBOLS & NOTES.

AREA MAP



CAMPUS MAP



ARCHITECTURE
DEMONICA KEMPER ARCHITECTS
125 N. HALSTED ST., SUITE 301
CHICAGO, IL 60661
T: 312.496.0000 F: 312.496.0001

MEP
IMEG CORPORATION
1100 WARRENVILLE RD, SUITE
400W NAPERVILLE, IL 60563
630.753.8541

CIVIL ENGINEERING
FEHR GRAHAM
200 PRAIRIE ST, SUITE 208,
ROCKFORD, IL 61107
815.394.4700

STRUCTURAL ENGINEERING
IMEG CORPORATION
1100 WARRENVILLE RD, SUITE
400W NAPERVILLE, IL 60563
630.753.8541

CONSTRUCTION MANAGER
RINGLAND JOHNSON
1725 HUNTWOOD DR, CHERRY
VALLEY, IL 61016
815.332.8600

ROCK VALLEY COLLEGE
DOWNTOWN CAMPUS - PAINT EQUIPMENT
711 GREEN ST
ROCKFORD, IL 61102
DKA PROJECT NO: 23-030

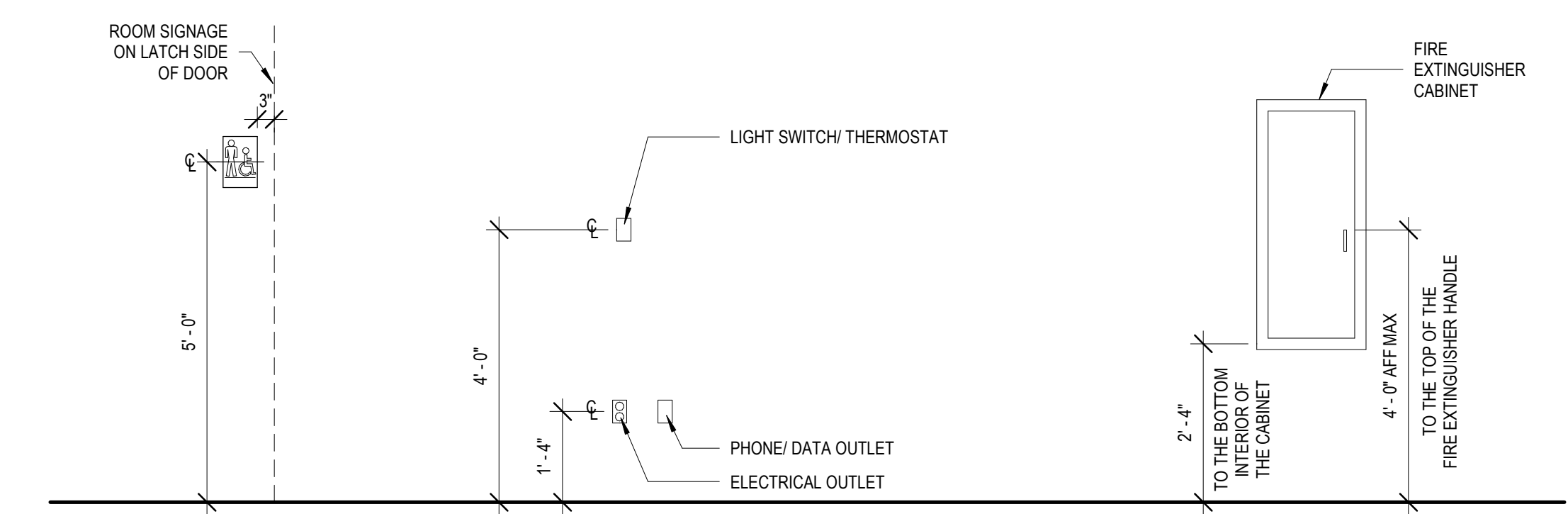
KEY PLAN:

SHEET STATUS: 11/1/24
BID # 24-30-D06. ISSUED
FOR BIDDING

Table with columns for NO., DESCRIPTION, and DATE.

SHEET TITLE:
SHEET INDEX,
ABBREVIATIONS,
SYMBOLS & NOTES

SHEET NUMBER:
G1.00



NOTE: IN THE EVENT OF A CONFLICT BETWEEN DIMENSIONS SHOWN ON THIS DRAWING AND ANY OTHER ARCHITECTURAL, ELECTRICAL, OR MECHANICAL SHEETS OR SPECIFICATIONS, NOTIFY ARCHITECT OF DISCREPANCY.



ARCHITECTURE
DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED ST., SUITE 301
 CHICAGO, IL 60661
 T: 312.496.0000 F: 312.496.0001

MEP
IMEG CORPORATION
 1100 WARRENVILLE RD, SUITE
 400W NAPERVILLE, IL 60563
 630.753.8541

CIVIL ENGINEERING
FEHR GRAHAM
 200 PRAIRIE ST, SUITE 208,
 ROCKFORD, IL 61107
 815.394.4700

STRUCTURAL ENGINEERING
IMEG CORPORATION
 1100 WARRENVILLE RD, SUITE
 400W NAPERVILLE, IL 60563
 630.753.8541

CONSTRUCTION MANAGER
RINGLAND JOHNSON
 1725 HUNTWOOD DR, CHERRY
 VALLEY, IL 61016
 815.332.8600

**ROCK VALLEY COLLEGE
 DOWNTOWN CAMPUS - PAINT EQUIPMENT**

711 GREEN ST
 ROCKFORD, IL 61102
 DKA PROJECT NO: 23-030

KEY PLAN:

SHEET STATUS: 11/1/24
**BID # 24-30-D06. ISSUED
 FOR BIDDING**

NO.	DESCRIPTION:	DATE:

SHEET TITLE:
CODE PLANS

SHEET NUMBER:
AC1.11

CODE COMPLIANCE PLAN SYMBOLS LEGEND:

NOTE: REFER TO M.E.P. P. DRAWINGS FOR ADDITIONAL INFORMATION ON MECHANICAL, ELECTRICAL, AND FIRE PROTECTION SYSTEMS

ROOM OCCUPANT LOAD

- FUNCTION OF SPACE
- ROOM OR AREA SQUARE FOOTAGE
- ASSEMBLY: 150 SF = 15
- 11 TO EXIT 1
- 10 TO EXIT 2
- 8 TO EXIT 3
- OCCUPANT LOAD AND ASSIGNED EXIT DISCHARGE

PLUMBING OCCUPANT LOAD

EXIT ACCESS TRAVEL DISTANCE

- TRAVEL DISTANCE TO NEAREST EXIT ACCESS
- LINE TYPE DENOTES COMMON PATH OF EGRESS TRAVEL
- TRAVEL DISTANCE ON COMMON PATH OF EGRESS
- DENOTES END OF COMMON PATH OF EGRESS TRAVEL
- DENOTES DIRECTION OF ALTERNATE PATH OF EGRESS
- EXIT DISCHARGE

EXIT OCCUPANT LOAD

- EXIT DISCHARGE NUMBER
- ACTUAL OCCUPANT LOAD PER DESIGN
- MAXIMUM OCCUPANT LOAD PER DESIGN

EXIT SIGNS

- SOLID HATCH DENOTES EXIT SIGN FACE PLATE
- DIRECTION OF EGRESS
- EXIT SIGN, WALL MOUNTED

FIRE RESISTANCE RATED SEPARATION TYPES

*SEE WALL TYPES FOR CONSTRUCTION REQUIREMENTS

- FW FIRE WALL
- FB FIRE BARRIER
- FP FIRE PARTITION
- HA HORIZ ASSEMBLY
- SE SHAF ENCLOSURE
- SB SMOKE BARRIER

DEVICES

- FE WALL MOUNTED FIRE EXTINGUISHER
- SPEC SEMI-RECESSED FIRE EXTINGUISHER CABINET
- RFC RECESSED FIRE EXTINGUISHER CABINET

SMOKE PARTITION

- 1 HR FIRE RESISTANCE RATED CONSTRUCTION
- 2 HR FIRE RESISTANCE RATED CONSTRUCTION
- 3 HR FIRE RESISTANCE RATED CONSTRUCTION
- 4 HR FIRE RESISTANCE RATED CONSTRUCTION

OCCUPANCY CLASSIFICATION LEGEND:

- B BUSINESS
- S-1 STORAGE

CODE COMPLIANCE NOTES:

APPLICABLE CODES:

2018 INTERNATIONAL BUILDING CODE;
 2018 INTERNATIONAL PROPERTY MAINTENANCE CODE;
 2021 INTERNATIONAL ENERGY CONSERVATION CODE;
 2018 NFPA 101 LIFE SAFETY CODE
 AS AMENDED BY SPRINGFIELD BUILDING ORDINANCE, CH. 170
 2018 INTERNATIONAL MECHANICAL CODE;
 2018 INTERNATIONAL FUEL GAS CODE,
 AS AMENDED BY SPRINGFIELD MECHANICAL ORDINANCE, CH. 173
 2020 NATIONAL ELECTRICAL CODE,
 AS AMENDED BY SPRINGFIELD ELECTRICAL ORDINANCE, CH. 172
 CURRENT EDITION, ILLINOIS PLUMBING CODE,
 AS AMENDED BY SPRINGFIELD PLUMBING ORDINANCE, CH. 171
 2018 ILLINOIS ACCESSIBILITY CODE,
 CURRENT EDITION, ASME A17.1 SAFETY CODE FOR ELEVATORS AND ESCALATORS;
 AS AMENDED BY SPRINGFIELD ELEVATOR ORDINANCE, CH. 174

NOTE: THE CITY OF ROCKFORD HAS ADOPTED THE 2018 INTERNATIONAL BUILDING CODE. HOWEVER, THE ILLINOIS COMMUNITY COLLEGE BOARD REQUIRES THAT CONSTRUCTION PROJECTS FOLLOW THE 2018 INTERNATIONAL BUILDING CODE.

BUILDING AREA AND HEIGHT SUMMARY:

FIRST FLOOR (GROSS):	41,384 SF
SECOND FLOOR (GROSS):	23,487 SF
TOTAL AREA, ALL FLOORS:	64,864 SF
BUILDING HEIGHT:	2 STORIES

BUILDING CODE CLASSIFICATION:

- OCCUPANCY USE: B BUSINESS
- CONSTRUCTION TYPE: 2B, FULLY SPRINKLERED
- ALLOWABLE AREA AND HEIGHT, BASED ON USE GROUP B:
 BASE FLOOR AREA: 64,864 SF
 FRONTAGE INCREASE, 100% ACCESS: NOT APPLIED
 BASE BUILDING HEIGHT: 5 STORIES
 MAX. BUILDING HEIGHT (TABLE 504.3): 75 FEET
 MAX. BUILDING HEIGHT (TABLE 504.4): 4 STORIES
- ACTUAL AREA, USE GROUP B: 64,864 SF
 ALLOWABLE AREA, USE GROUP B (TABLE 506.2): 69,000 SF
 RATIO OF ACTUAL/ALLOWABLE: 94%
- FIRE RESISTANCE RATINGS, TYPE 2B CONSTRUCTION:
 STRUCTURAL FRAME: 0 HRS
 EXTERIOR BEARING WALLS: 0 HRS
 INTERIOR BEARING WALLS: 0 HRS
 EXTERIOR NON-BEARING WALLS: 0 HRS
 INTERIOR NON-BEARING WALLS: 0 HRS
 FLOOR CONSTRUCTION: 0 HRS
 ROOF CONSTRUCTION: 0 HRS
- FIRE RESISTANCE RATED SEPARATIONS:
 A. EXIT ACCESS COMPONENTS: 0 HR - FULLY SPRINKLERED
 CORRIDORS: 1 HR FIRE BARRIER
 VERTICAL EXIT ENCLOSURES: 1 HR FIRE BARRIER
 B. INCIDENTAL USE AREAS (PROVIDE RATINGS AS SHOWN ON PLANS):
 WALLS: FIRE BARRIER
 FLOORS/CEILING (MASON WALLS): HORIZ ASSEMBLY
- EXIT ACCESS TRAVEL DISTANCES, WITH SPRINKLER SYSTEM:
 USE B, BUSINESS: 300 FT.
- COMMON PATH OF EGRESS TRAVEL, WITH SPRINKLER SYSTEM:
 USE B: 100 FT.
- DEAD END CORRIDOR LENGTH, WITH SPRINKLER SYSTEM:
 USE B: 50 FT.

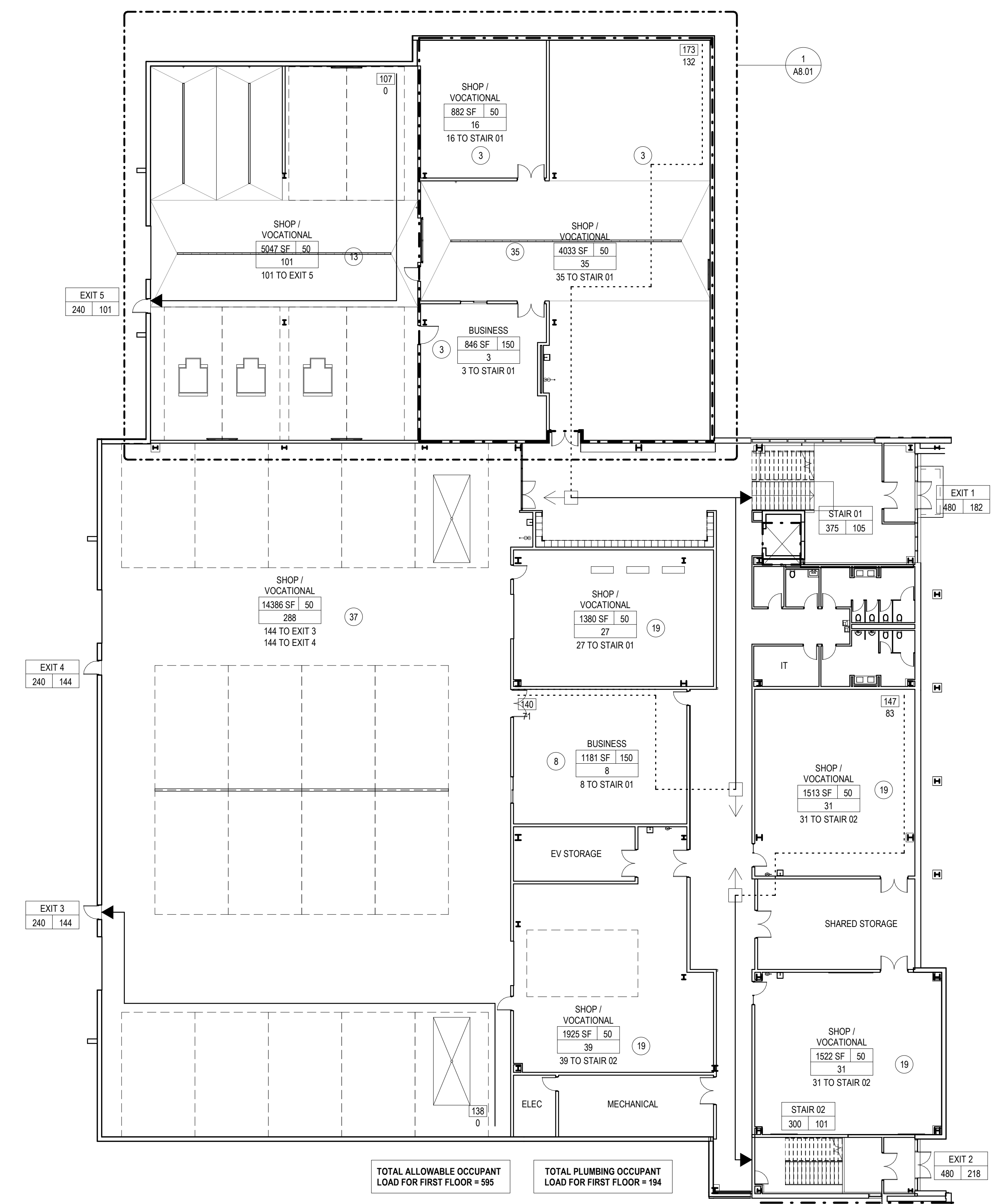
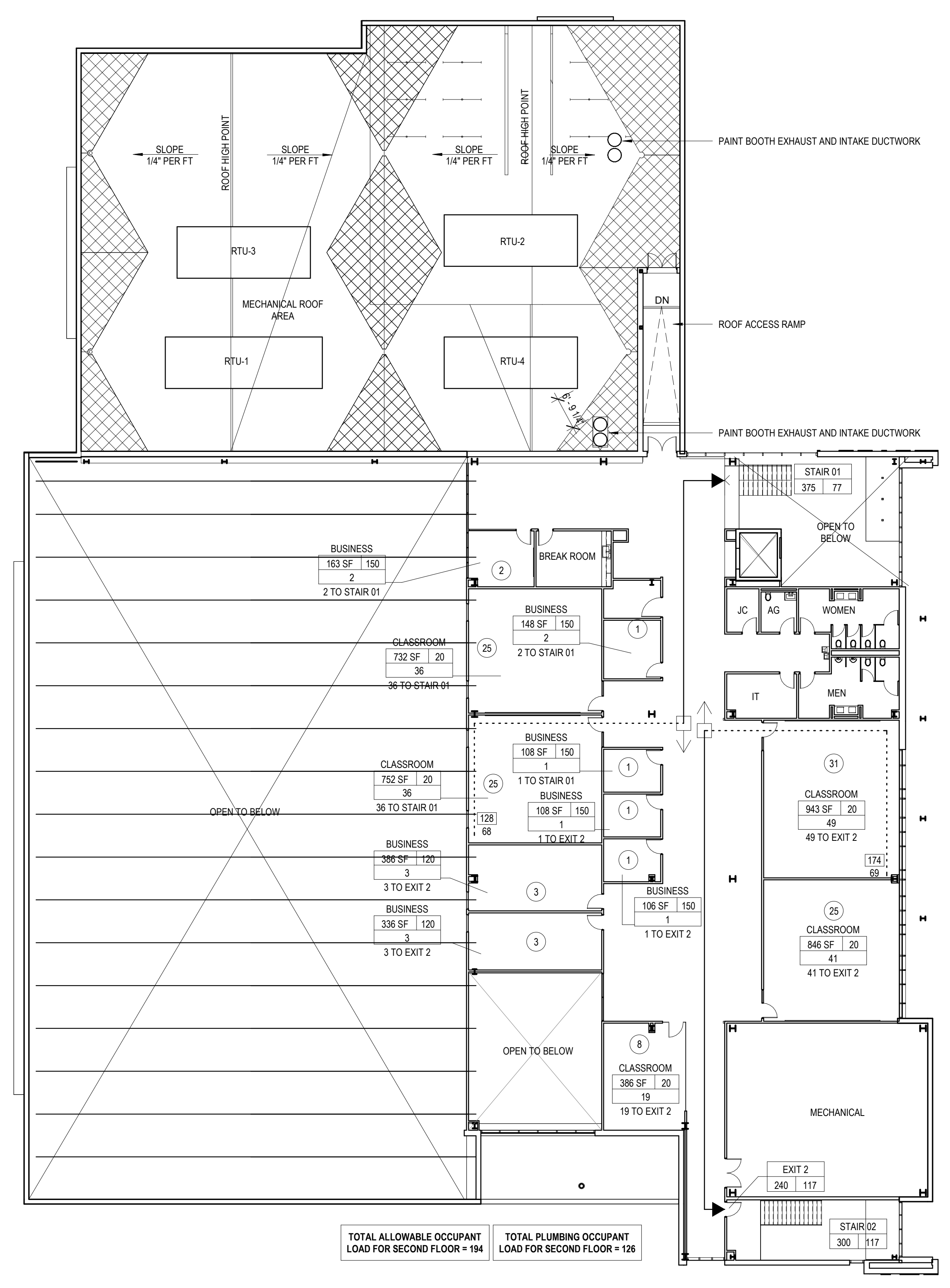
PLUMBING FIXTURE COUNT:

1. NUMBER OF OCCUPANTS, ACTUAL: 300

2. NUMBER OF OCCUPANTS, PER SEX: 150

3. BUILDING TYPE: COLLEGE

FIXTURE TYPE	QUANTITY			
	REQUIRED	CURRENTLY PROVIDED		
	WOMEN	MEN	WOMEN	MEN
LAVATORIES (1 PER 40)	4	4	4	4
WATER CLOSETS (WOMEN: 1 PER 20) (MEN: 1 PER 40)	8	4	8	4
URINALS (MEN: 1 PER 40)	-	4	-	4
DRINKING FOUNTAINS (1 PER 75)	4		4	
SERVICE SINKS	1 PER FLOOR		1 PER FLOOR	



1 CODE PLAN - LEVEL 1
 1/16" = 1'-0"

2 CODE PLAN - LEVEL 2
 1/16" = 1'-0"



ARCHITECTURE
 DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED ST., SUITE 301
 CHICAGO, IL 60661
 T: 312.496.0000 F: 312.496.0001

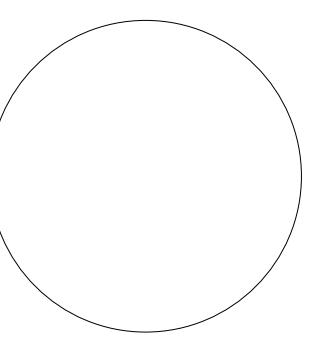
MEP
 IMEG CORPORATION
 1100 WARRENVILLE RD, SUITE
 400W NAPERVILLE, IL 60563
 630.753.8541

CIVIL ENGINEERING
 FEHR GRAHAM
 200 PRAIRIE ST, SUITE 208,
 ROCKFORD, IL 61107
 815.394.4700

STRUCTURAL ENGINEERING
 IMEG CORPORATION
 1100 WARRENVILLE RD, SUITE
 400W NAPERVILLE, IL 60563
 630.753.8541

CONSTRUCTION MANAGER
 RINGLAND JOHNSON
 1725 HUNTWOOD DR, CHERRY
 VALLEY, IL 61016
 815.332.8600

**ROCK VALLEY COLLEGE
 DOWNTOWN CAMPUS - PAINT EQUIPMENT**
 711 GREEN ST
 ROCKFORD, IL 61102
 DKA PROJECT NO: 23-030



KEY PLAN:

SHEET STATUS: 11/1/24
 BID # 24-30-D06. ISSUED
 FOR BIDDING

NO.	DESCRIPTION	DATE

SHEET TITLE:
**EXTERIOR
 ELEVATIONS CTE
 BUILDING**

SHEET NUMBER:
A4.02



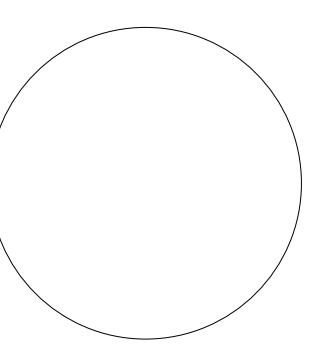
1 CTE BLDG - WEST ELEVATION
 1/8" = 1'-0"

2 CTE BLDG - EAST ELEVATION
 1/8" = 1'-0"

3 CTE BLDG - NORTH ELEVATION
 1/8" = 1'-0"

4 CTE BLDG - SOUTH ELEVATION
 1/8" = 1'-0"

FOR REFERENCE ONLY



KEY PLAN:

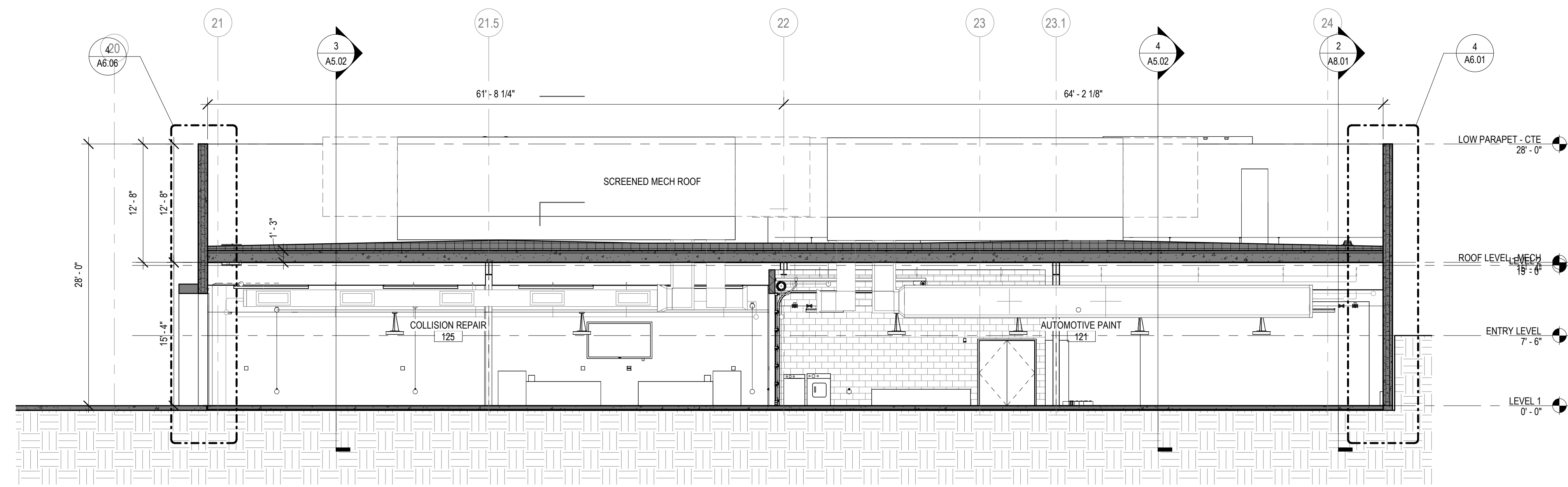
SHEET STATUS: 11/1/24
**BID # 24-30-D06. ISSUED
 FOR BIDDING**

NO.	DESCRIPTION:	DATE:

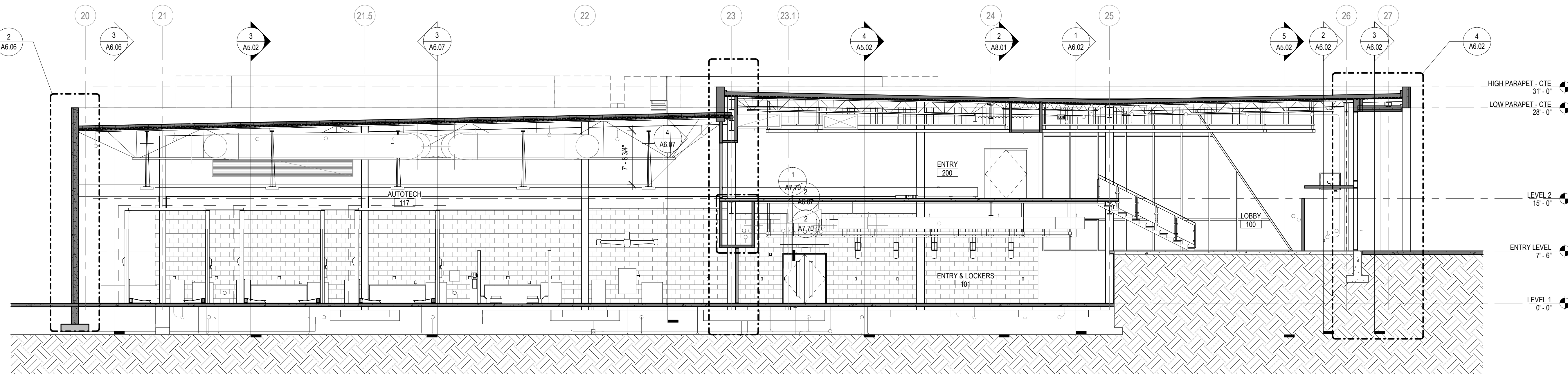
SHEET TITLE:
**BUILDING SECTIONS
 - CTE BUILDING**

SHEET NUMBER:
A5.01

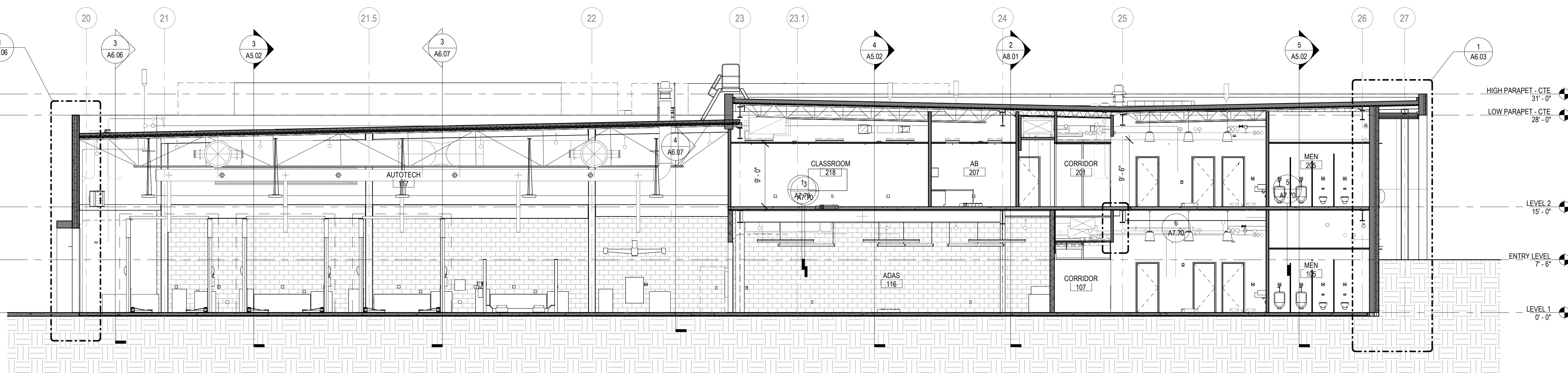
FOR REFERENCE ONLY



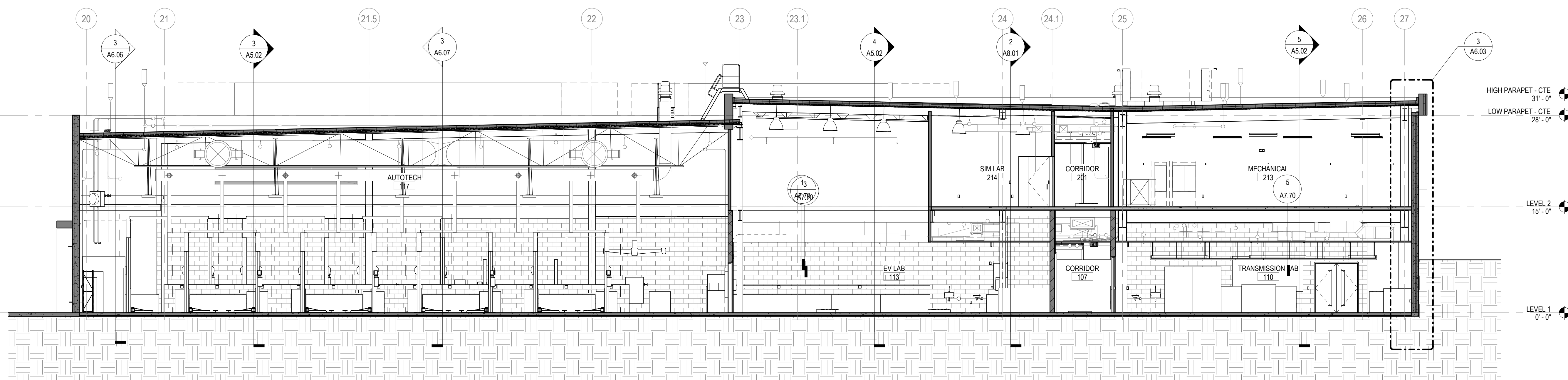
1 CTE BUILDING - SECTION - EW 1
 1/8" = 1'-0"



2 CTE BUILDING - SECTION - EW 2
 1/8" = 1'-0"



3 CTE BUILDING - SECTION - EW 3
 1/8" = 1'-0"



4 CTE BUILDING - SECTION - EW 4
 1/8" = 1'-0"



ARCHITECTURE
 DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED ST., SUITE 301
 CHICAGO, IL 60661
 T: 312.496.0000 F: 312.496.0001

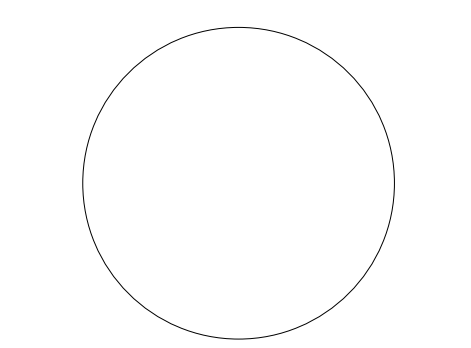
MEP
 IMEG CORPORATION
 1100 WARRENVILLE RD, SUITE
 400W NAPERVILLE, IL 60563
 630.753.8541

CIVIL ENGINEERING
 FEHR GRAHAM
 200 PRAIRIE ST, SUITE 208,
 ROCKFORD, IL 61107
 815.394.4700

STRUCTURAL ENGINEERING
 IMEG CORPORATION
 1100 WARRENVILLE RD, SUITE
 400W NAPERVILLE, IL 60563
 630.753.8541

CONSTRUCTION MANAGER
 RINGLAND JOHNSON
 1725 HUNTWOOD DR, CHERRY
 VALLEY, IL 61016
 815.332.8600

**ROCK VALLEY COLLEGE
 DOWNTOWN CAMPUS - PAINT EQUIPMENT**
 711 GREEN ST
 ROCKFORD, IL 61102
 DKA PROJECT NO: 23-030



KEY PLAN:

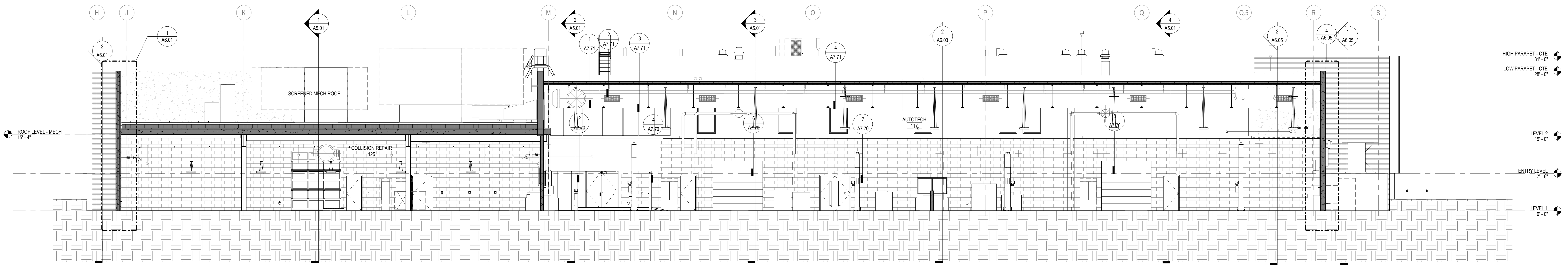
SHEET STATUS: 11/1/24
**BID # 24-30-D06. ISSUED
 FOR BIDDING**

NO.	DESCRIPTION:	DATE:

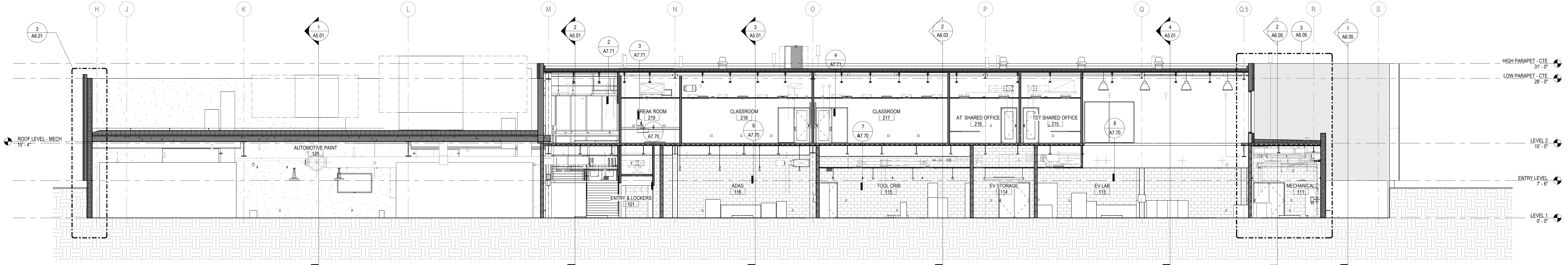
SHEET TITLE:
**BUILDING SECTIONS
 - CTE BUILDING**

SHEET NUMBER:
A5.02

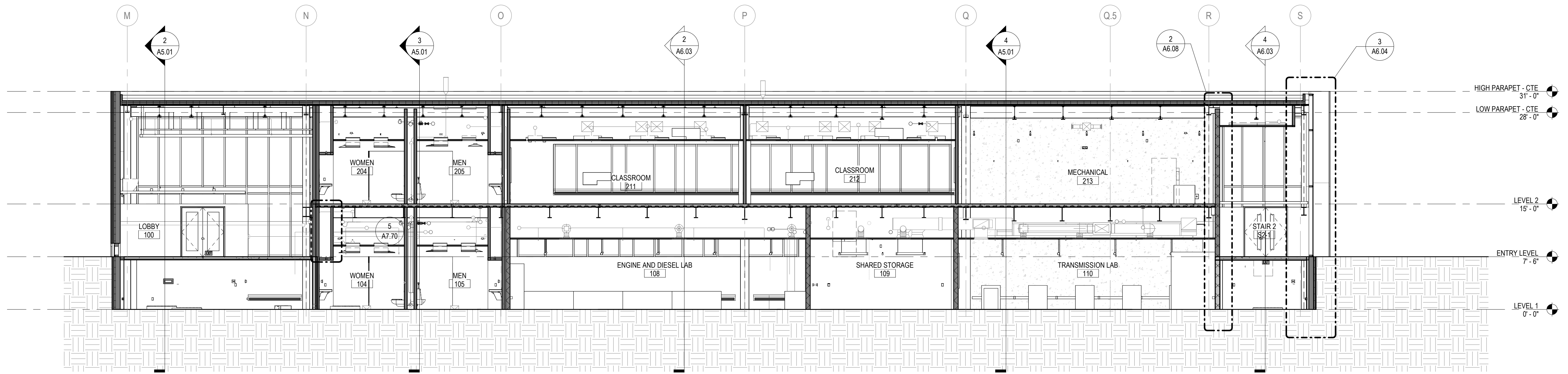
FOR REFERENCE ONLY



3 CTE BUILDING - SECTION - NIS 1
 1/8" = 1'-0"



4 CTE BUILDING - SECTION - NIS 2
 1/8" = 1'-0"



5 CTE BUILDING - SECTION - NIS 3
 1/8" = 1'-0"



ARCHITECTURE
 DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED ST., SUITE 301
 CHICAGO, IL 60661
 T: 312.496.0000 F: 312.496.0001

MEP
 IMEG CORPORATION
 1100 WARRENVILLE RD, SUITE
 400W NAPERVILLE, IL 60563
 630.753.8541

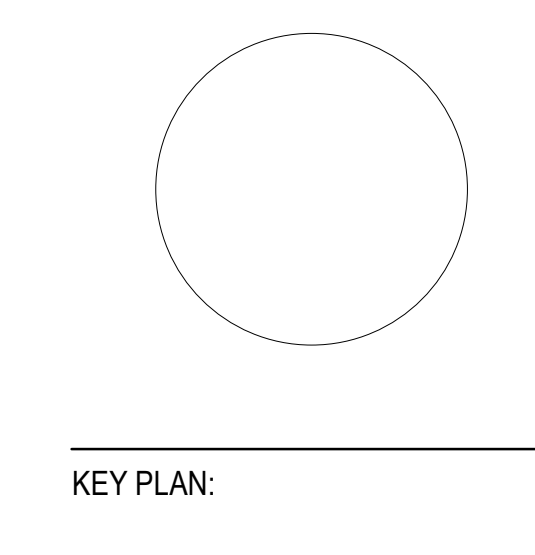
CIVIL ENGINEERING
 FEHR GRAHAM
 200 PRAIRIE ST, SUITE 208,
 ROCKFORD, IL 61107
 815.394.4700

STRUCTURAL ENGINEERING
 IMEG CORPORATION
 1100 WARRENVILLE RD, SUITE
 400W NAPERVILLE, IL 60563
 630.753.8541

CONSTRUCTION MANAGER
 RINGLAND JOHNSON
 1725 HUNTWOOD DR, CHERRY
 VALLEY, IL 61016
 815.332.8600

ROCK VALLEY COLLEGE
 DOWNTOWN CAMPUS - PAINT EQUIPMENT

711 GREEN ST
 ROCKFORD, IL 61102
 DKA PROJECT NO: 23-030



KEY PLAN:

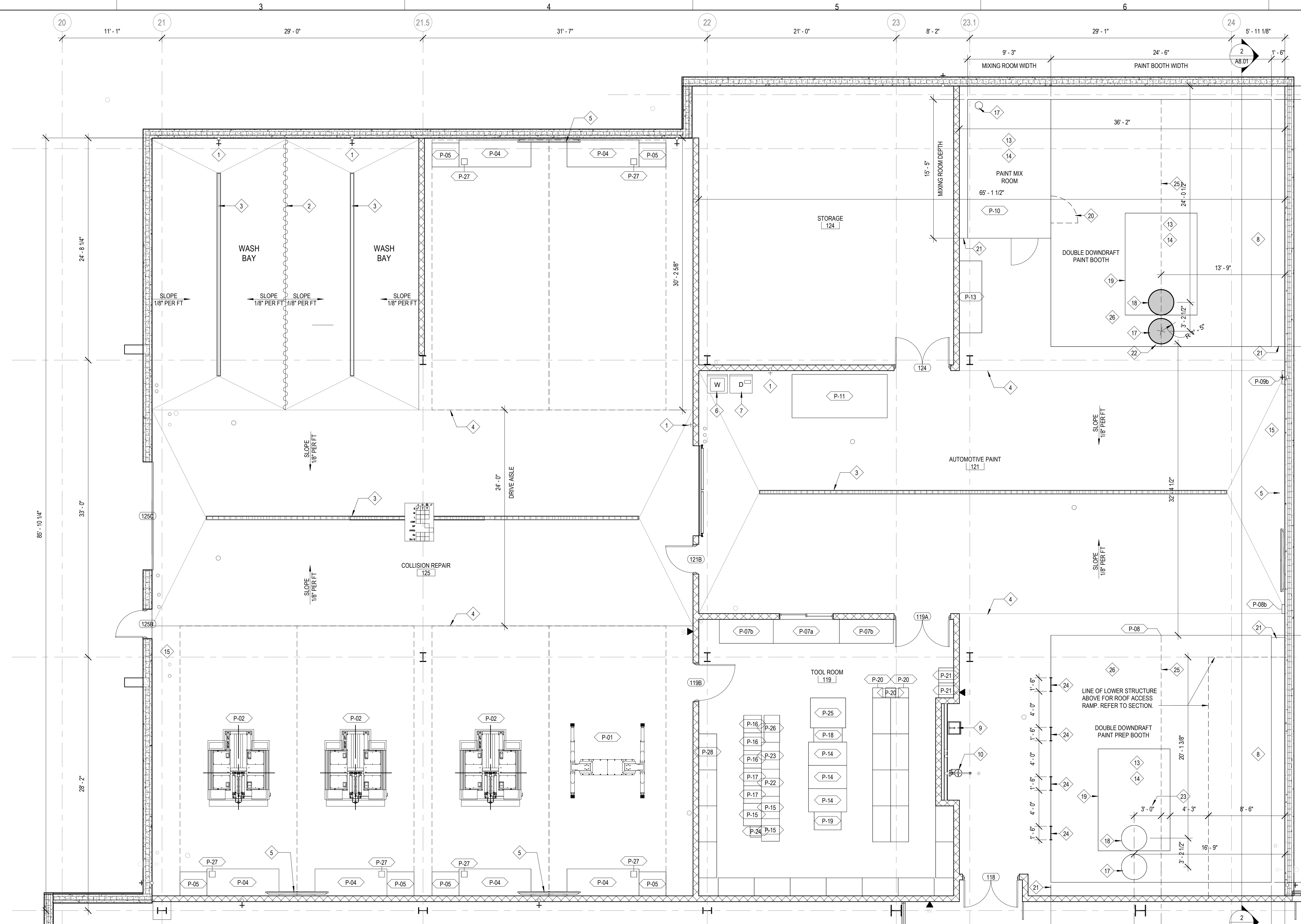
SHEET STATUS: 11/1/24
 BID # 24-30-D06. ISSUED FOR BIDDING

NO.	DESCRIPTION:	DATE:

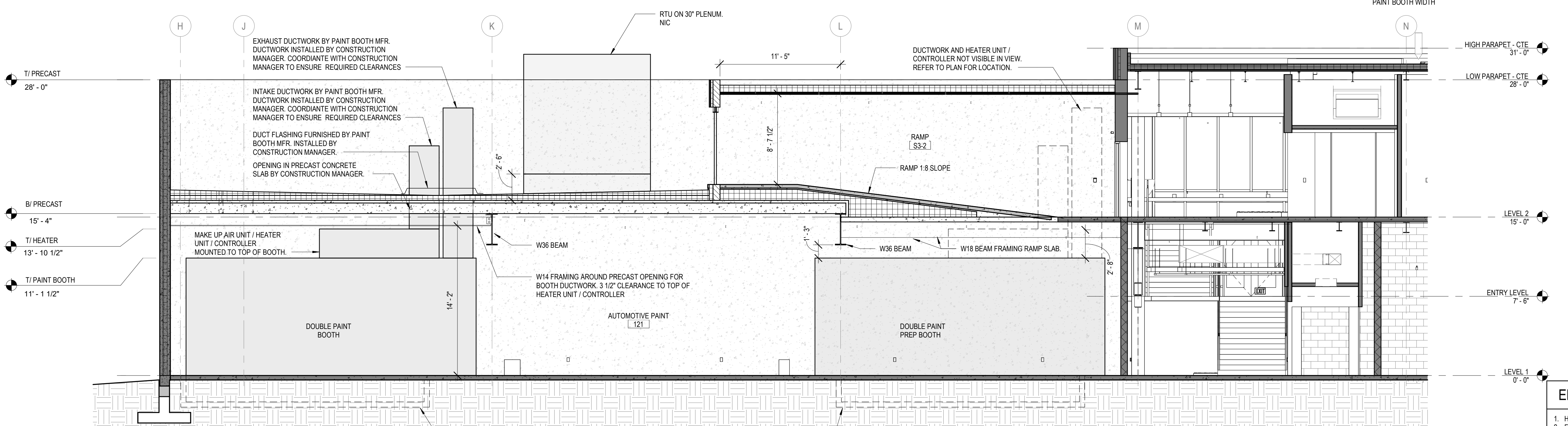
SHEET TITLE:
ENLARGED PLAN COLLISION REPAIR

SHEET NUMBER:
A8.01

1 LEVEL 1 FLOOR PLAN - AUTOPAINT
 3/16" = 1'-0"



2 CTE BUILDING - SECTION - N/S 4
 3/16" = 1'-0"



NOTE: LAYOUT DRAWINGS ARE TO BE SUBMITTED WITH THE BID PACKAGE. AT A MINIMUM THE DRAWINGS ARE TO INCLUDE PLANS AND ELEVATIONS DRAWN TO A SCALE NO SMALLER THAN 1/4" = 1'-0". ALL DUCTWORK, MAKE UP AIR UNITS, CONTROLS, HEATERS, FITS, AND FANS ARE TO BE INCLUDED. DRAWINGS SHALL DEMONSTRATE THAT THE SUBMITTED UNITS CAN FIT WITHIN THE AVAILABLE SPACE OUTLINED ON THE BID DRAWINGS. FAILURE TO SUBMIT LAYOUT DRAWINGS WITH BID MAY RESULT IN DISQUALIFICATION.

ENLARGED LAB PLAN REFERENCED NOTES:

- HOSE BIB. NIC
- FULL HEIGHT CURTAIN BETWEEN WASH BAYS. NIC
- TRENCH DRAIN. NIC
- HIGH POINT OF SLAB
- WALL MOUNTED TV MONITOR. NIC
- WASHING MACHINE. NIC
- DRAIN. NIC
- CAMERA MOUNTED INSIDE PAINT MIXING ROOM. SEE MEP & TECH DRAWINGS. COORDINATE WITH PAINT BOOTH MFR AND INSTALLER
- HANDSHING. SINK. NIC
- EMERGENCY SHOWER WITH CURTAIN. NIC
- PARTIAL HEIGHT WALL TOP OF WALL AT 48"
- ELECTRICAL OUTLET FOR PORTABLE WELDER. NIC
- PAINT EQUIPMENT LIGHTING BY PAINT BOOTH MANUFACTURER. INSTALLED BY CONSTRUCTION MANAGER. WIRING, CONDUITS, AND SWITCHES BY CONSTRUCTION MANAGER
- STARTER / VFD FOR MAKE UP AIR UNIT (MAU) TO BE PROVIDED WITH PAINT BOOTH EQUIPMENT. STARTER / VFD TO BE INSTALLED AND WIRED BY CONSTRUCTION MANAGER. CONSTRUCTION MANAGER TO PROVIDE WIRING FROM MAU FEEDER TO THE EXHAUST FAN MOTOR AND PROVIDE CONTROL WIRING FROM BOOTH CONTROL PANEL TO MAU. COORDINATE WIRING REQUIREMENTS WITH BOOTH INSTALLER PRIOR TO ROUGH-IN.
- PAINT EQUIPMENT CONTROL PANEL, CONTROL PANEL, FURNISHED AND INSTALLED BY PAINT BOOTH INSTALLER. CONSTRUCTION MANAGER / ELECTRICAL SUB CONTRACTOR TO PROVIDE WIRING FROM EQUIPMENT TO CONTROL PANEL PER PAINT BOOTH MANUFACTURER'S WIRING REQUIREMENTS. THIS SHALL INCLUDE BUT NOT BE LIMITED TO ALL CONDUITS, WIRING AND JUNCTION BOXES.
- EQUIPMENT CONNECTION TO BE FED FROM BELOW SLAB BY CONSTRUCTION MANAGER.
- PAINTBOOTH EXHAUST DUCT FURNISHED BY PAINT BOOTH MFR. INSTALLED BY CONSTRUCTION MANAGER.
- PAINT BOOTH HEATER / CONTROLLER
- DOOR BETWEEN MIXING ROOM AND PAINT BOOTH BY PAINT BOOTH MFR / INSTALLER
- PREFINISHED METAL CLOSURE PANEL TO MATCH PAINT BOOTH FURNISHED AND INSTALLED BY CONSTRUCTION MANAGER
- MIXING ROOM PAINT BOOTH SO AIR MAKE UP UNIT, INTAKE DUCTWORK, AND EXHAUST DUCTWORK ARE ON THE INSIDE SIDE OF THE BOOTH. MAINTAIN A MIN OF 22" BETWEEN EXHAUST TERMINATION AND GROUNDLINE H
- OFFSET CENTERLINE OF MAU DUCTWORK FROM CENTERLINE OF BOOTH TO ENSURE REQUIRED ACCESS TO MAU. OFFSET CAN BE REDUCED OR ELIMINATED IF ACCESS IS AT A DIFFERENT LOCATION. COORDINATE WITH BUILDING STRUCTURE.
- GLASS VISION WINDOW ON SIDE OF PAINT BOOTH. 1'-6" WIDE X 4'-0" TALL. SILL AT 2'-0" ABOVE FLOOR.
- FULL HEIGHT CURTAIN INSTALLED ALONG MIDDLE OF PAINT BOOTH.
- INTERIOR WALLS OF PAINT BOOTH TO HAVE A CLEAR COAT FINISH. PROVIDE PIT MAT AT FLOOR THROUGHOUT BOOTH. PAINT BOOTH MFR TO PROVIDE METAL GRATE OVER EXHAUST PIT.

EQUIP. SCHEDULE - AUTOBODY PAINT PLAN

TAG	TYPE	MANUFACTURER	MODEL	COUNT	NEW/Relocated	PROVIDED BY	ELEC	GAS	COMP AIR	MOUNTING	WIDTH	DEPTH	HEIGHT	TYPE COMMENTS
P-01	VEHICLE LIFT 10,000 LB IN-GROUND AT VEHICLE LIFT LOW RISE	CHALLENGER	EW220	1	NEW	NIC BY VEHICLE LIFT INSTALLER								
P-02	WORK BENCH 8' -AUTOPAINT	TBD - OWNER TO PROVIDE MODEL		6	NIC BY OWNER					FLOOR	8'-0"	3'-0"	2'-7"	
P-03	TOOL CHEST -AUTOPAINT	TBD - OWNER TO PROVIDE MODEL		6	NIC BY OWNER					FLOOR	3'-0"	2'-8"	3'-8 1/2"	
P-04	AUTOBODY TOOL CRB DESK	TBD - OWNER TO PROVIDE MODEL		2	NIC BY OWNER					FLOOR	7'-4"	2'-8"	3'-2"	
P-05	AUTOBODY TOOL CRB COUNTER	TBD - OWNER TO PROVIDE MODEL		2	NIC BY OWNER					FLOOR	6'-0"	2'-8"	3'-2"	
P-06	DOUBLE PAINT PREP BOOTH	GLOBAL FINISHING SOLUTIONS	ULTRA XD DOWNDRAFT BOOTH	1	NEW	PAINT BOOTH INSTALLER	LIGHTING CIRCUIT: 277V-1PH MOTOR CIRCUIT: 480V-3PH	YES	YES	FLOOR				HEIGHT VARIES. REFER TO SECTIONS. COORDINATE WITH BUILDING STRUCTURE TO ENSURE CLEARANCES
P-07	PREP BOOTH CONTROL PANEL	GLOBAL FINISHING SOLUTIONS	ENIGAGE	1	NEW	PAINT BOOTH INSTALLER				WALL	1'-0"	8'-4"	1'-6"	
P-08	DOUBLE PAINT BOOTH	GLOBAL FINISHING SOLUTIONS	ULTRA XD DOWNDRAFT CTDF	1	NEW	PAINT BOOTH INSTALLER	LIGHTING CIRCUIT: 277V-1PH MOTOR CIRCUIT: 480V-3PH	YES	YES	FLOOR				HEIGHT VARIES. REFER TO SECTIONS. COORDINATE WITH BUILDING STRUCTURE TO ENSURE CLEARANCES
P-09	PAINT BOOTH CONTROL PANEL	GLOBAL FINISHING SOLUTIONS	LOGIC 3	1	NEW	PAINT BOOTH INSTALLER				WALL	1'-6"	8'-4"	1'-6"	
P-10	PAINT MIXING ROOM	GLOBAL FINISHING SOLUTIONS	ULTRA XD PAINT MIX ROOM	1	NEW	PAINT BOOTH INSTALLER	120V 120V 1PH 20AMP	YES	YES	FLOOR				
P-11	FRAME STRAIGHTENER	CELLETTE	SEVENNE	1	NEW	NIC BY OWNER				FLOOR	4'-10"	19'-7"	1'-9"	
P-12	PAINT MIXING STATION	PIPS	MOONWALK	1	NEW	NIC BY OWNER				FLOOR	8'-0"	2'-8"	7'-0"	
P-13	PARTS CART	B SERIES	B SERIES	3	RELOCATED	NIC BY OWNER				FLOOR	4'-3"	2'-7"	6'-3"	
P-14	DOOR JACK	INNOVATIVE	1DJ	3	RELOCATED	NIC BY OWNER				FLOOR	2'-6"	2'-0"	2'-8"	
P-15	SUMBER THING	BT10	BT10	3	RELOCATED	NIC BY OWNER				FLOOR	11'-11 1/2"	1'-11 1/2"	9'-2 1/8"	
P-16	WING THING	WT10	WT10	2	RELOCATED	NIC BY OWNER				FLOOR	11'-11 1/2"	1'-11 1/2"	9'-2 1/8"	
P-17	POLYVANCE	8002 NITRO-FLUZER	8002 NITRO-FLUZER	1	RELOCATED	NIC BY OWNER				FLOOR	1'-7"	2'-2"	3'-6"	
P-18	NITROGEN WELDING SYSTEM	INFRA TECH	SR-6000R	1	RELOCATED	NIC BY OWNER				FLOOR	3'-0"	2'-0"	11'-0"	
P-19	HEAT LAMP	RUPES	IS48FL	3	RELOCATED	NIC BY OWNER				FLOOR	1'-11 1/2"	1'-11 1/2"	2'-5 4/8"	
P-20	DUST EXTRACTION VACUUM	DEWALT	DV99P	2	RELOCATED	NIC BY OWNER				FLOOR	1'-8"	1'-8"	9'-0"	
P-21	SHOP WET/DRY VACUUM	DEWALT	DF-500 ALLSPORT	1	RELOCATED	NIC BY OWNER				FLOOR	3'-0"	2'-0"	9'-0"	
P-22	ALUMINUM REPAIR STATION	KEYSOO TOOLS	TBD - OWNER TO PROVIDE MODEL	1	RELOCATED	NIC BY OWNER				FLOOR	3'-0"	2'-0"	9'-0"	
P-23	MASKING CART	KEYSOO TOOLS	TBD - OWNER TO PROVIDE MODEL	1	RELOCATED	NIC BY OWNER				FLOOR	3'-0"	2'-0"	9'-0"	
P-24	WELDER 2	SP-5	SP-5	1	NIC BY OWNER					FLOOR	1'-3"	1'-3"	3'-3"	
P-25	WELDER 3	PROSPOT	BS	1	NIC BY OWNER					FLOOR	3'-4"	3'-11"	9'-0"	
P-26	GLUE PULL STATION	KEDO	LZE	1	NIC BY OWNER					FLOOR	3'-0"	1'-9"	9'-2"	
P-27	BENCH VISE	TBD - OWNER TO PROVIDE MFR	TBD - OWNER TO PROVIDE MODEL	6	NIC BY OWNER					FLOOR	0'-8"	8'-8"	0'-8"	
P-28	METAL SHELVING 48"	TBD	TBD - OWNER TO PROVIDE MODEL	1	NIC BY OWNER					FLOOR	4'-0"	2'-0"	7'-3"	

NOTE: ITEMS SHADED IN THE SCHEDULE ARE NOT IN CONTRACT (NIC). THEY WILL BE PROVIDED BY THE BUILDING CONSTRUCTION MANAGER / OWNER. PAINT BOOTH EQUIPMENT INSTALLER TO COORDINATE WITH THE CONSTRUCTION MANAGER.



ARCHITECTURE:
DEMONICA KEMPER ARCHITECTS
 125 N. HALSTED ST., SUITE 301
 CHICAGO, IL 60661
 T: 312.496.0000 F: 312.496.0001

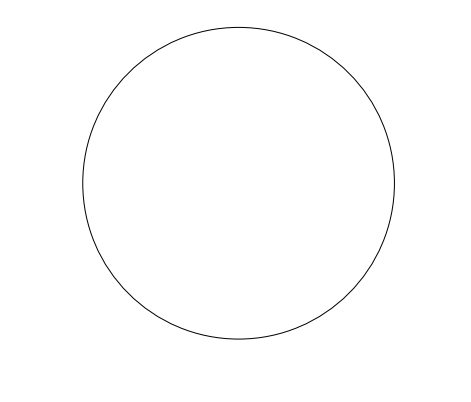
MEP
IMEG CORPORATION
 1100 WARRENVILLE RD, SUITE
 400W NAPERVILLE, IL 60563
 630.753.8541

CIVIL ENGINEERING
FEHR GRAHAM
 200 PRAIRIE ST, SUITE 208,
 ROCKFORD, IL 61107
 815.394.4700

STRUCTURAL ENGINEERING
IMEG CORPORATION
 1100 WARRENVILLE RD, SUITE
 400W NAPERVILLE, IL 60563
 630.753.8541

CONSTRUCTION MANAGER
RINGLAND JOHNSON
 1725 HUNTWOOD DR, CHERRY
 VALLEY, IL 61016
 815.332.8600

**ROCK VALLEY COLLEGE
 DOWNTOWN TRAINING CENTER (DTC)**
 ROCKFORD, IL
 DKA PROJECT NO: 23-030



KEY PLAN:

SHEET STATUS: 9/4/2024

**100% DESIGN
 DEVELOPMENT**

NO. DESCRIPTION: DATE:

NO.	DESCRIPTION	DATE

SHEET TITLE:
FOUNDATION PLAN

SHEET NUMBER:

S1.00

- GENERAL CONCRETE SHEET NOTES:**
- TOP OF SLAB EL. = (+0'-0") UON.
 - EXTERIOR T.O. FOOTING EL. = (+5'-0") UON.
 - INTERIOR T.O. FOOTING EL. = (+1'-0") UON.
 - T.O. PIER EL. = (+1'-0") UON.
 - BPM INDICATES BASE PLATE.
 - SEE GENERAL NOTES AND TYPICAL SECTIONS FOR ADDITIONAL INFORMATION.
 - CONTRACTOR VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
 - SEE ARCHITECTURAL DRAWINGS FOR SLAB CONTOURS, CHASES AND PROGES, FLOOR DRAINS, CURBS, ETC.
 - CONTRACTOR TO VERIFY UNDERGROUND UTILITIES LOCATIONS AND INVERT ELEVATIONS. DROP TOP OF FOOTING ELEVATIONS AS REQUIRED TO ALLOW MECHANICAL PIPE TO PASS OVER FOOTING.
 - F.## INDICATES SPREAD FOOTING. ALL FOOTINGS SHALL BE CENTERED UNDER COLUMNS UON. SEE THIS SHEET FOR SCHEDULE.
 - CF# INDICATES CONTINUOUS FOOTING. SEE THIS SHEET FOR SCHEDULE.
 - GB# INDICATES GRADE BEAM. SEE THIS SHEET FOR SCHEDULE.
- KEYNOTE: (#)**
- PER THE GEOTECHNICAL REPORT, AT THIS BORING LOCATION, BEARING ELEVATION IS APPROXIMATELY 2'-0" BELOW BOTTOM OF FOOTING. ADDITIONAL EXCAVATION AND BACKFILL PER THE GEOTECHNICAL REPORT MAY BE REQUIRED. BEARING PRESSURE TO BE TESTED PRIOR TO POURING FOOTINGS.
 - CONCRETE RETAINING WALL SUPPORTING ELEVATED SLAB AT ENTRY VESTIBULE LANDING.
 - APPROXIMATE LOCATION OF STEP IN PRECAST CONCRETE WALL ABOVE. REF ARCH. EXTEND WIDER FOOTING 12" PAST STEP.
 - ALON FACES OF CONCRETE PIER WITH INSIDE FACE OF CONCRETE STEM WALL BELOW GRADE.

CONTINUOUS FOOTING SCHEDULE

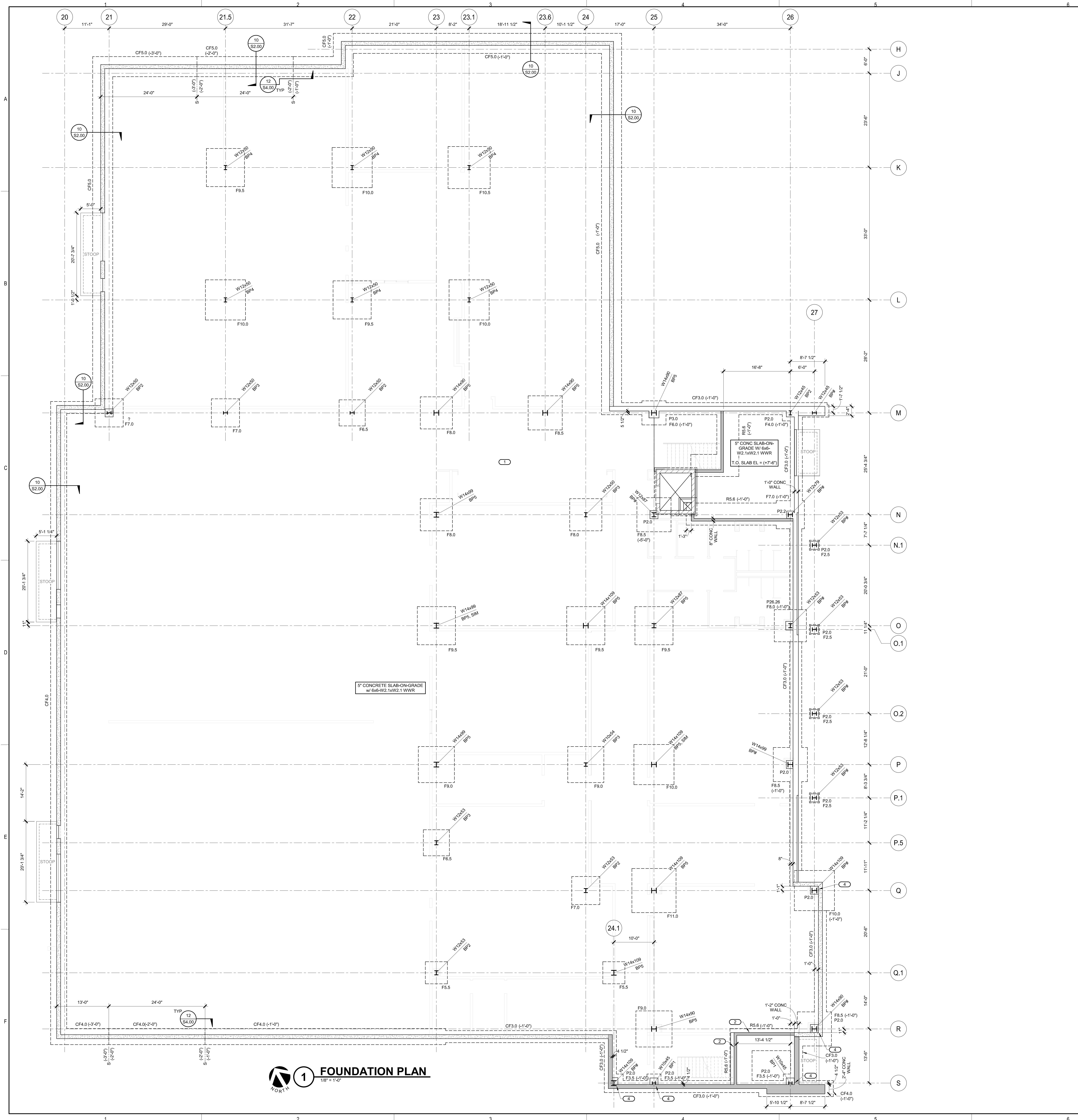
MARK	WIDTH	DEPTH	REINFORCING		REMARKS
			LONG DIRECTION	SHORT DIRECTION	
CF3.0	3'-0"	1'-0"			
CF4.0	4'-0"	1'-0"			
CF5.0	5'-0"	1'-0"			

FOOTING SCHEDULE

MARK	LENGTH	WIDTH	DEPTH	REINFORCING		REMARKS
				LONG DIRECTION	SHORT DIRECTION	
F2.0	-	-	-			
F2.5	-	-	-			
F3.5	3'-6"	3'-6"	1'-0"	(3) #4 BARS	(3) #4 BARS	
F4.0	4'-0"	4'-0"	1'-0"	(4) #4 BARS	(4) #4 BARS	
F5.5	5'-6"	5'-6"	1'-0"	(5) #5 BARS	(5) #5 BARS	
F6.0	6'-0"	6'-0"	1'-0"	(6) #5 BARS	(6) #5 BARS	
F6.5	6'-6"	6'-6"	1'-0"	(6) #5 BARS	(6) #5 BARS	
F7.0	7'-0"	7'-0"	1'-0"	(6) #5 BARS	(6) #5 BARS	
F8.0	8'-0"	8'-0"	1'-0"	(8) #6 BARS	(8) #6 BARS	
F8.5	8'-6"	8'-6"	1'-0"	(8) #6 BARS	(8) #6 BARS	
F9.0	9'-0"	9'-0"	1'-0"	(8) #6 BARS	(8) #6 BARS	
F9.5	9'-6"	9'-6"	1'-0"	(9) #6 BARS	(9) #6 BARS	
F10.0	10'-0"	10'-0"	1'-0"	(9) #6 BARS	(9) #6 BARS	
F10.5	10'-6"	10'-6"	1'-0"	(10) #6 BARS	(10) #6 BARS	
F11.0	11'-0"	11'-0"	1'-0"	(12) #6 BARS	(12) #6 BARS	

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

IMEG 883 SHAWAN BOULEVARD
 SUITE 200
 NAPERVILLE, IL 60563
 630.753.8541
 www.imegcorp.com
 IMEG RESERVES ENGINEERING RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG.
 ©2024 IMEG CORPORATION. ALL RIGHTS RESERVED.
 Basis Design Firm Registration #134202075-0014
 REG. SCALE: 1/8" = 1'-0" SOURCE: 03/2011/10/10



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



ARCHITECTURE:
DEMIONICA KEMPER ARCHITECTS
 125 N. HALSTED ST., SUITE 301
 CHICAGO, IL 60661
 T: 312.496.0000 F: 312.496.0001

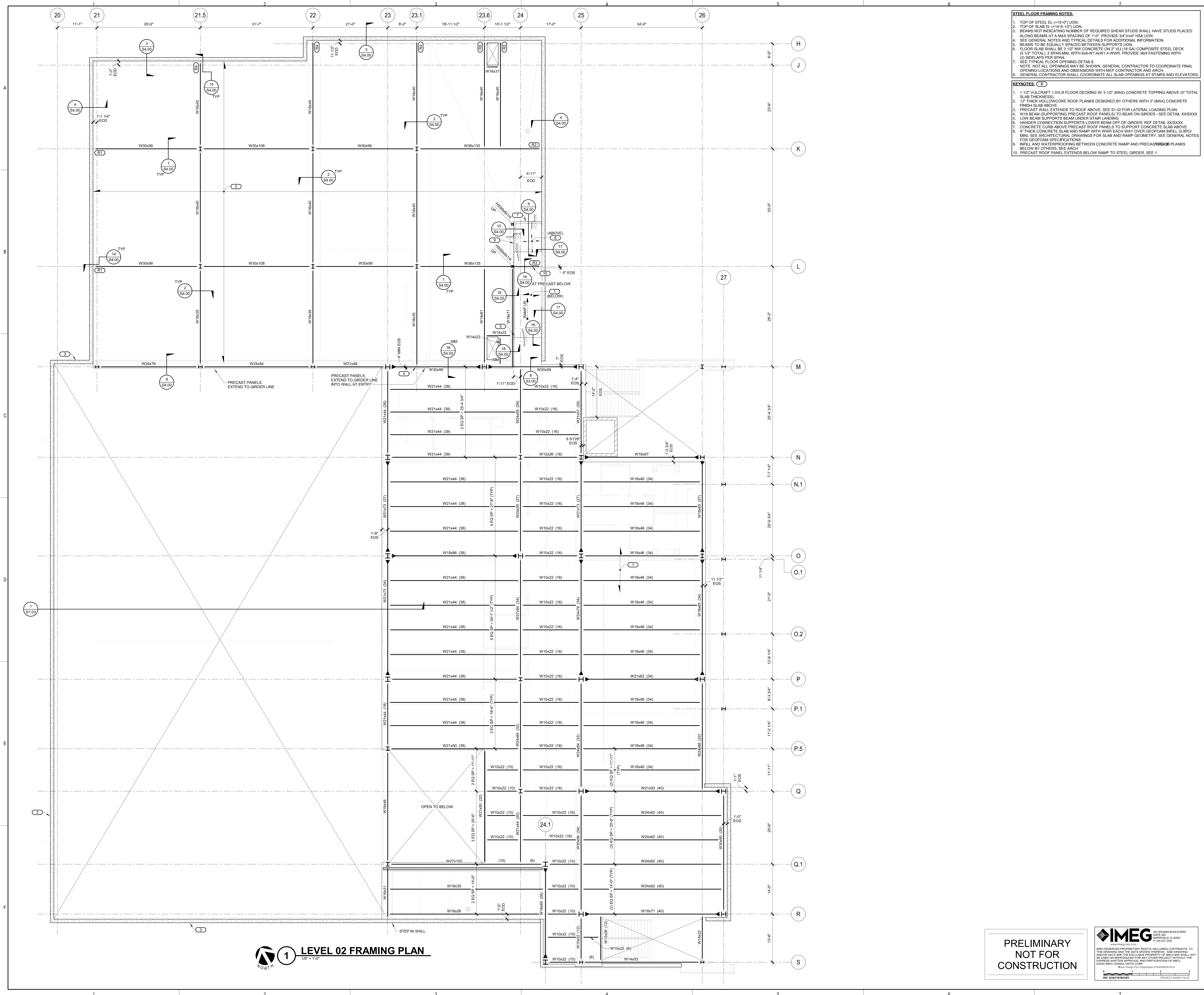
MEP
IMEG CORPORATION
 1100 WARRENVILLE RD, SUITE
 400W NAPERVILLE, IL 60563
 630.753.8541

CIVIL ENGINEERING
FEHR GRAHAM
 200 PRAIRIE ST, SUITE 208,
 ROCKFORD, IL 61107
 815.394.4700

STRUCTURAL ENGINEERING
IMEG CORPORATION
 1100 WARRENVILLE RD, SUITE
 400W NAPERVILLE, IL 60563
 630.753.8541

CONSTRUCTION MANAGER
RINGLAND JOHNSON
 1725 HUNTWOOD DR, CHERRY
 VALLEY, IL 61016
 815.332.8600

- STEEL FLOOR FRAMING NOTES:**
1. TOP OF STEEL EL (+15'-0") UN.
 2. TOP OF SLAB EL (+14'-6" 1/2") UN.
 3. BEAMS NOT INDICATING NUMBER OF REQUIRED SHEAR STUDS SHALL HAVE STUDS PLACED ALONG BEAMS AT A MAX SPACING OF 1'-0". PROVIDE 3/4"x6"x4" HSA UN.
 4. SEE GENERAL NOTES AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.
 5. BEAMS TO BE EQUALLY SPACED BETWEEN SUPPORTS UN.
 6. FLOOR SLAB SHALL BE 3 1/2" NW CONCRETE ON 2" WJ (18 GA) COMPOSITE STEEL DECK (5 1/2" TOTAL). 2" SPAN MIN. WITH 6x6x1/4" HWY-14 WWR. PROVIDE S&S FASTENING WITH (2) SIDELAPS PER SPAN.
 7. SEE TYPICAL FLOOR OPENING DETAILS.
 8. NOTE: NOT ALL OPENINGS MAY BE SHOWN. GENERAL CONTRACTOR TO COORDINATE FINAL OPENING LOCATIONS AND DIMENSIONS WITH MEP CONTRACTOR AND ARCH.
 9. GENERAL CONTRACTOR SHALL COORDINATE ALL SLAB OPENINGS AT STAIRS AND ELEVATORS.
- KEYNOTES:**
1. 1 1/2" VULCRAFT 1.5VLR FLOOR DECKING W/ 3 1/2" (MAX) CONCRETE TOPPING ABOVE (5" TOTAL SLAB THICKNESS).
 2. 1/2" THICK HOLLOWCORE ROOF PLANKS DESIGNED BY OTHERS WITH 3" (MAX) CONCRETE FINISH SLAB ABOVE.
 3. PRECAST WALL EXTENDS TO ROOF ABOVE. SEE S1.02 FOR LATERAL LOADING PLAN.
 4. W18 BEAM SUPPORTING PRECAST ROOF PANELS TO BEAR ON GIRDER - SEE DETAIL XXVIII.
 5. LOW BEAM SUPPORTS BEAM UNDER STAIR LANDING.
 6. HANGER CONNECTION SUPPORTS LOWER BEAM OFF OF GIRDER. REF DETAIL XXIX.
 7. CONCRETE CURB ABOVE PRECAST ROOF PANELS TO SUPPORT CONCRETE SLAB ABOVE.
 8. 4" THICK CONCRETE SLAB AND RAMP WITH WWR EACH WAY OVER GEOM IN WALL (0.80 PCI MIN). SEE ARCHITECTURAL DRAWINGS FOR SLAB AND RAMP GEOMETRY. SEE GENERAL NOTES FOR GEFOAM SPECIFICATIONS.
 9. INFILL AND WATERPROOFING BETWEEN CONCRETE RAMP AND PRECAST ROOF PLANKS BELOW BY OTHERS. SEE ARCH.
 10. PRECAST ROOF PANEL EXTENDS BELOW RAMP TO STEEL GIRDER. SEE 1.



1 LEVEL 02 FRAMING PLAN
 1/8" = 1'-0"

PRELIMINARY
 NOT FOR
 CONSTRUCTION

IMEG CORPORATION
 1100 WARRENVILLE RD, SUITE 400
 NAPERVILLE, IL 60563
 630.753.8541
 www.imegcorp.com

IMEG RESERVES ALL RIGHTS, INCLUDING COPYRIGHTS, TO THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG.
 ©2024 IMEG CORP. ALL RIGHTS RESERVED.
 Issue Date: 01/14/2024
 Issue By: J. B. BROWN

**ROCK VALLEY COLLEGE
 DOWNTOWN TRAINING CENTER (DTC)**
 ROCKFORD, IL
 DKA PROJECT NO: 23-030

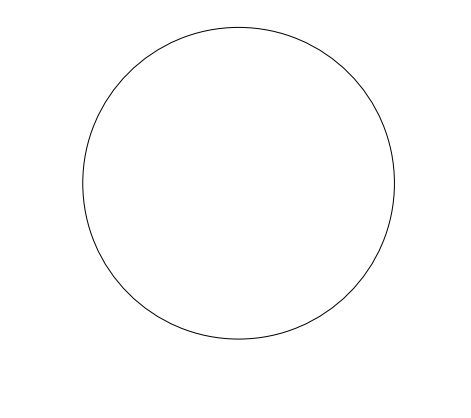
KEY PLAN:

SHEET STATUS: 9/4/2024
ISSUED FOR BIDDING

NO.	DESCRIPTION:	DATE:

SHEET TITLE:
LEVEL 02 FRAMING PLAN

SHEET NUMBER:
S1.01



KEY PLAN:

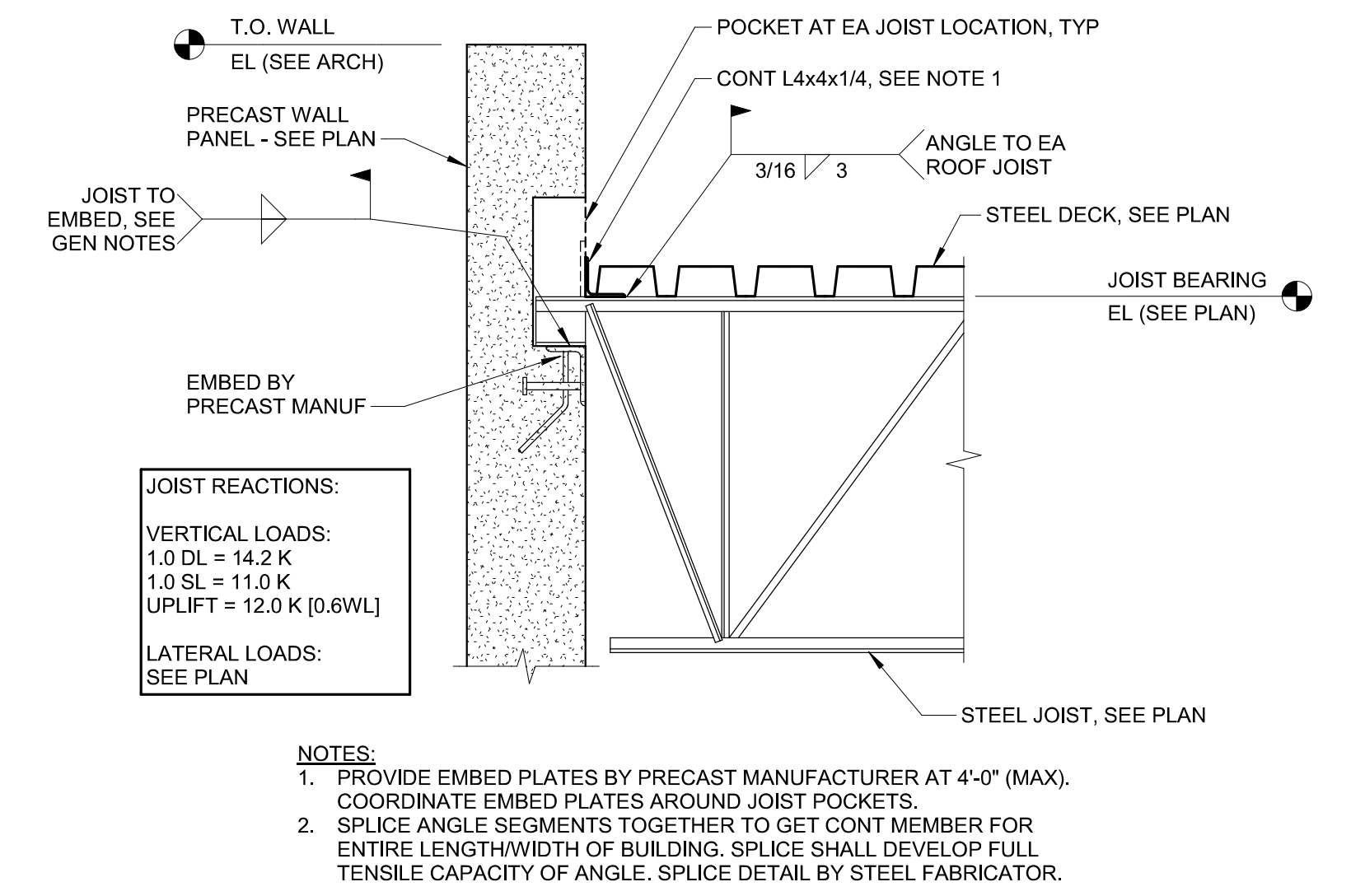
SHEET STATUS: 9/4/2024
ISSUED FOR BIDDING

NO.	DESCRIPTION:	DATE:

SHEET TITLE:
**PRECAST AND
 MASONRY DETAILS**

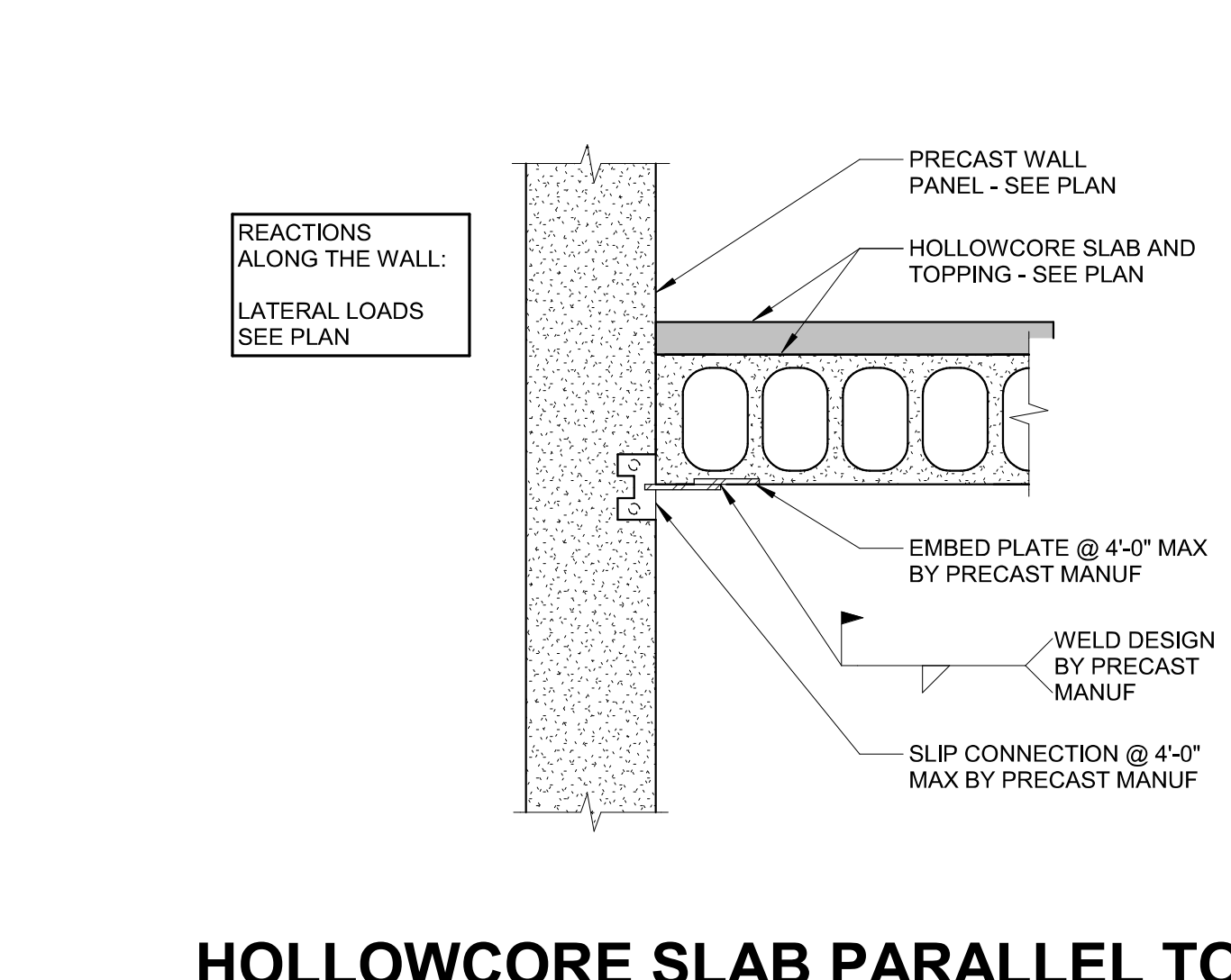
SHEET NUMBER:

S4.00

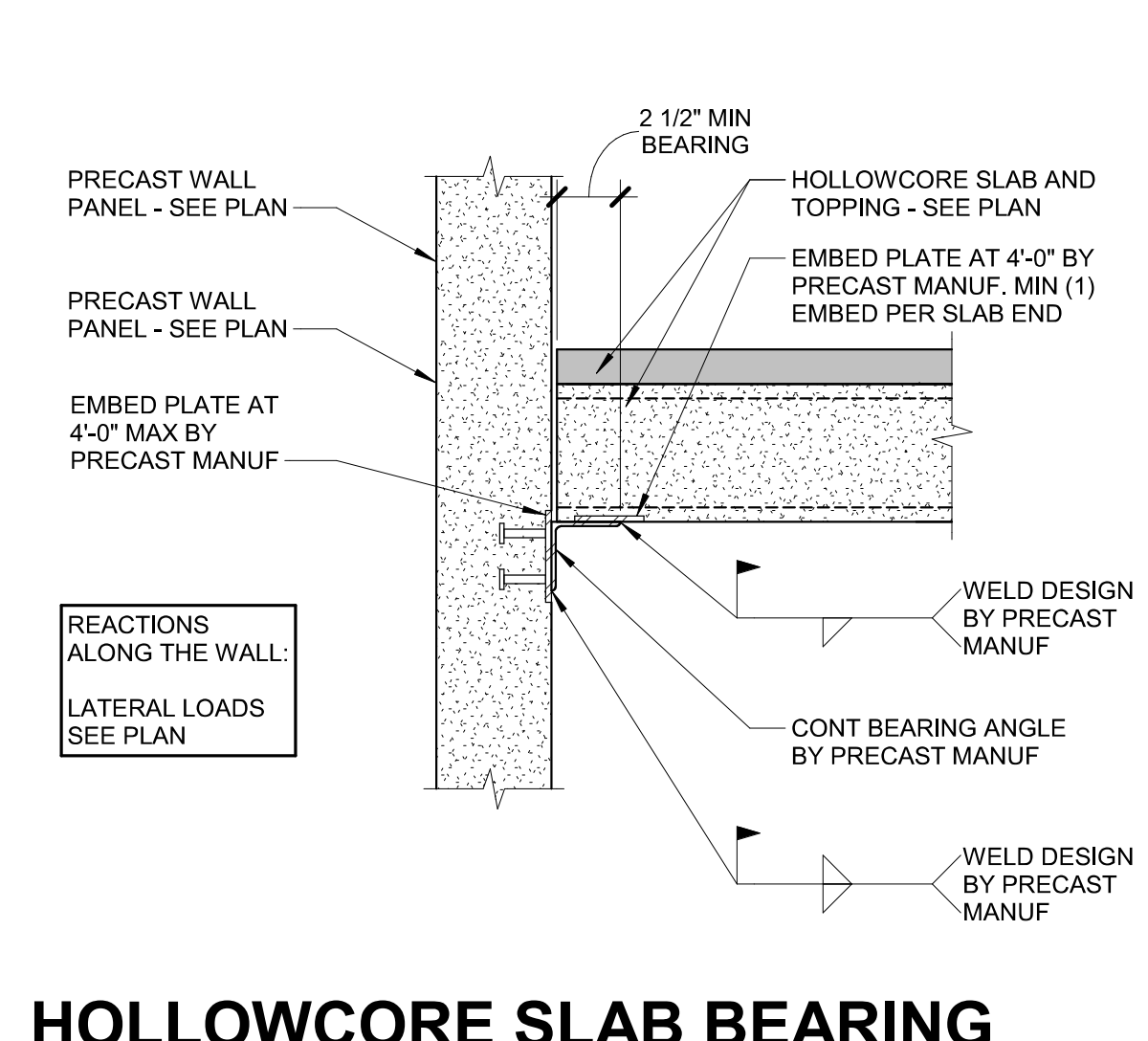


5 STEEL JOIST TO PRECAST WALL
 3/4" = 1'-0"

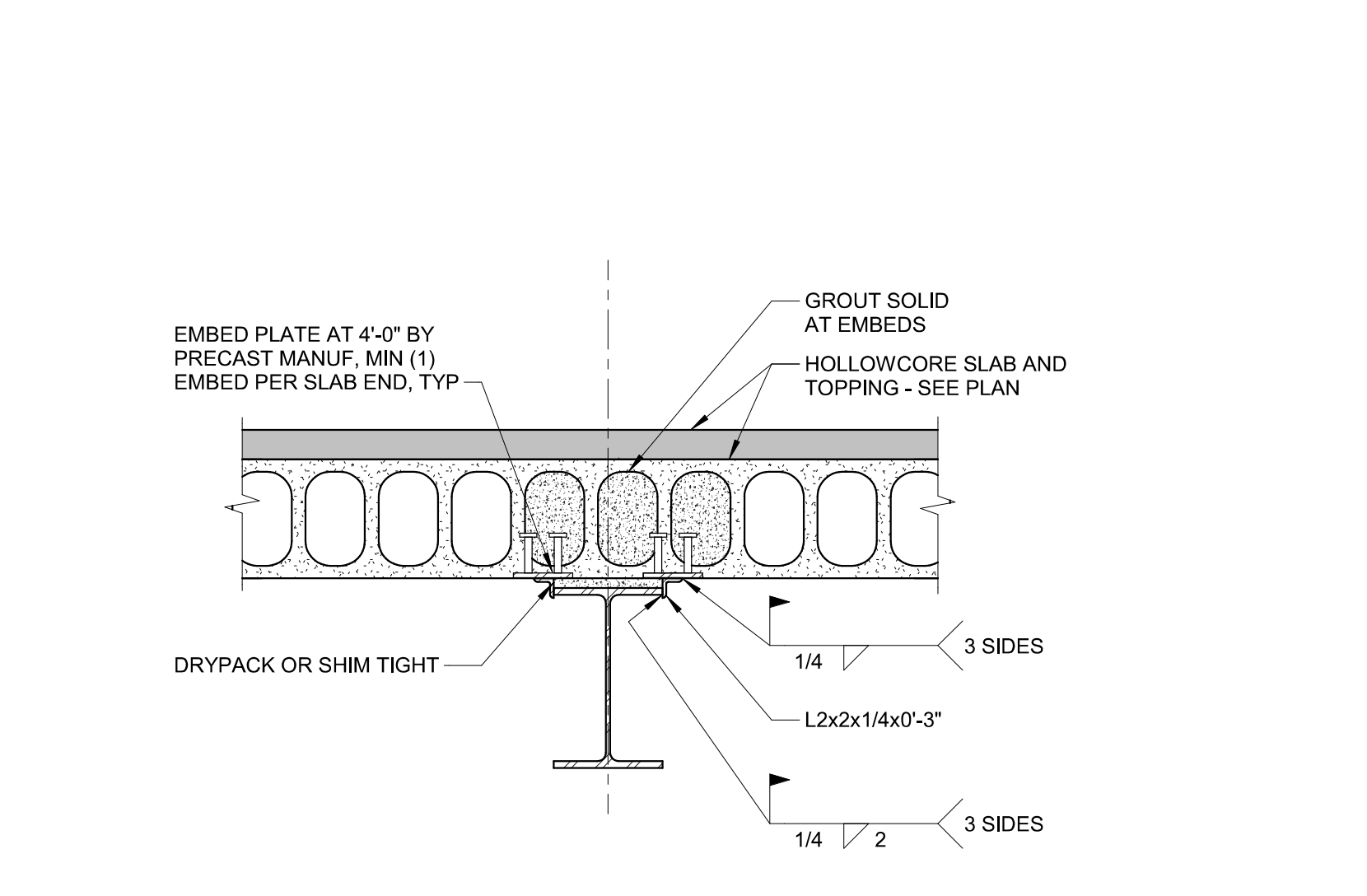
NOTES:
 1. PROVIDE EMBED PLATES BY PRECAST MANUFACTURER AT 4'-0" (MAX.) COORDINATE EMBED PLATES AROUND JOIST POCKETS.
 2. SPLICE ANGLE SEGMENTS TOGETHER TO GET CONT MEMBER FOR ENTIRE LENGTH/WIDTH OF BUILDING. SPLICE SHALL DEVELOP FULL TENSILE CAPACITY OF ANGLE. SPLICE DETAIL BY STEEL FABRICATOR.



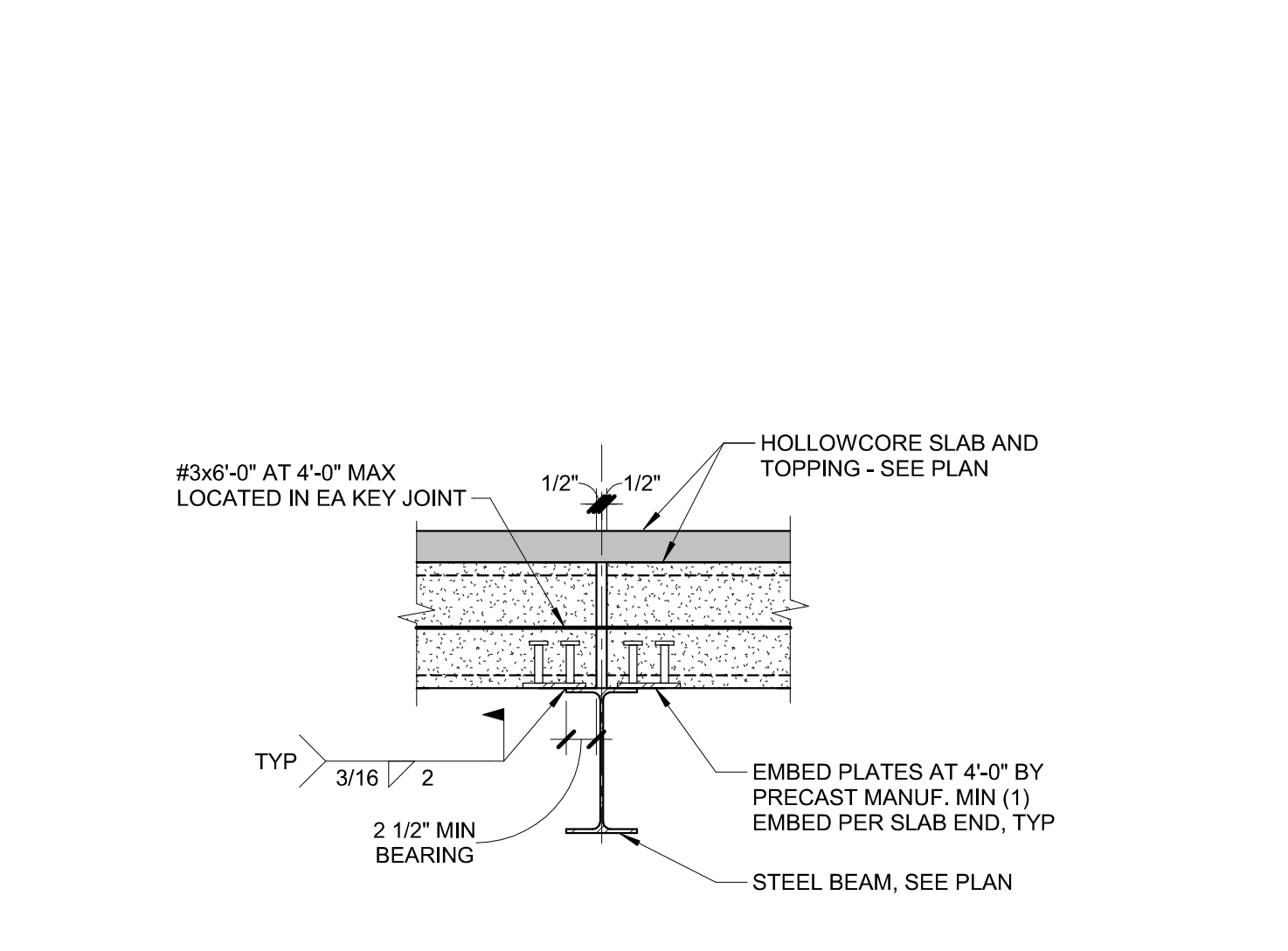
4 HOLLOWCORE SLAB PARALLEL TO PRECAST WALL PANEL
 3/4" = 1'-0"



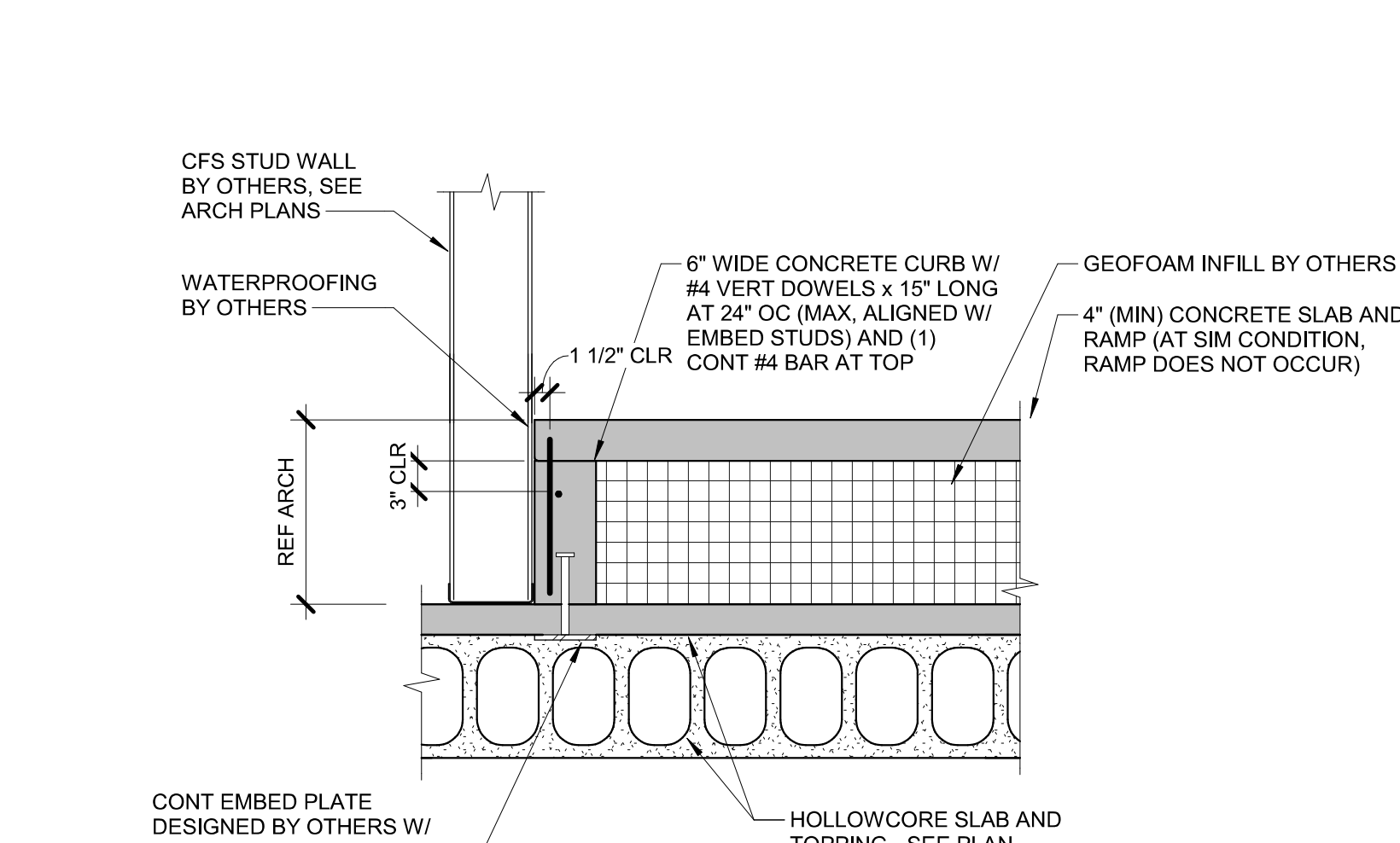
3 HOLLOWCORE SLAB BEARING AT PRECAST WALL PANEL
 3/4" = 1'-0"



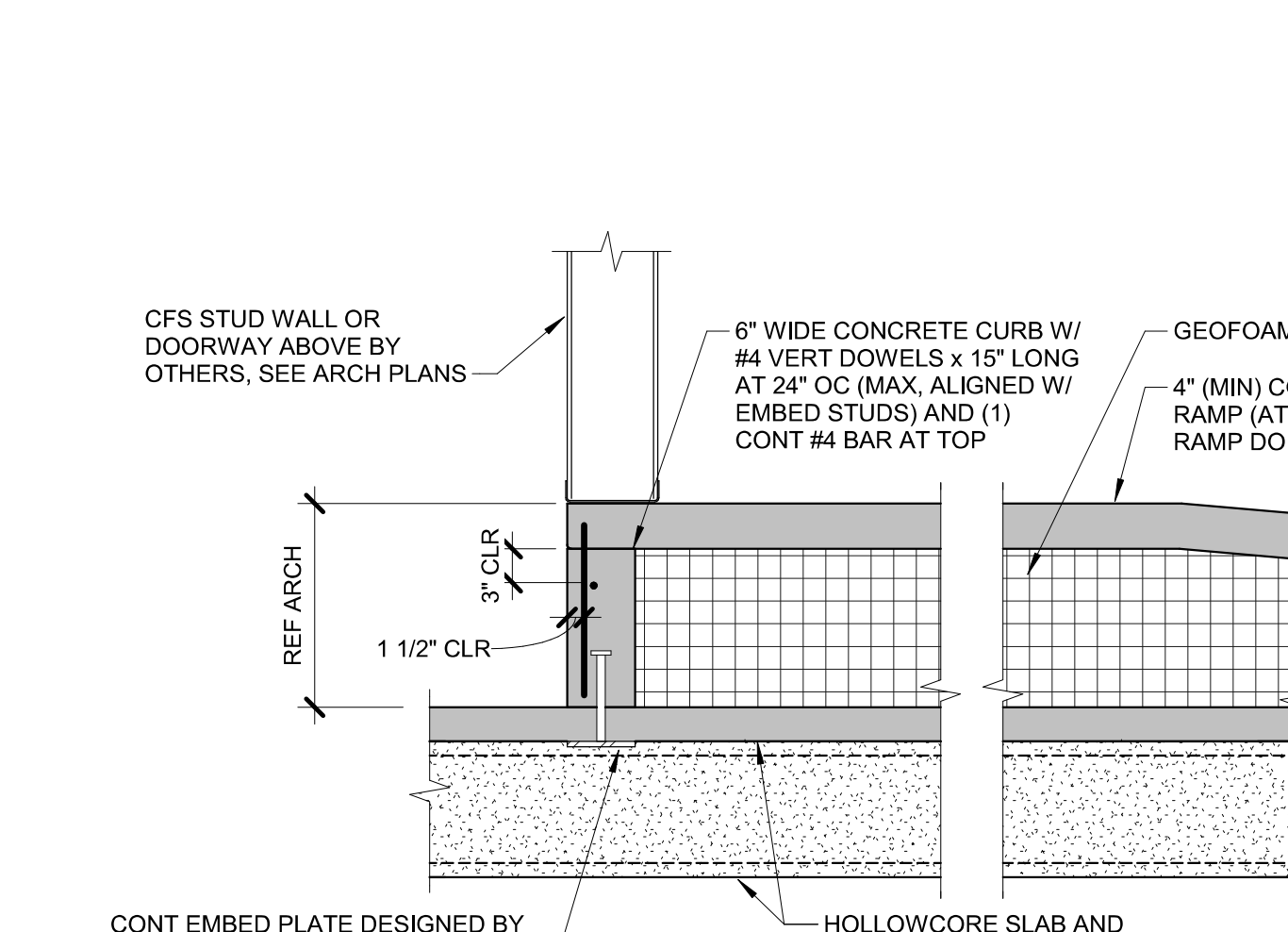
2 HC SLAB PARALLEL TO WF BEAM
 3/4" = 1'-0"



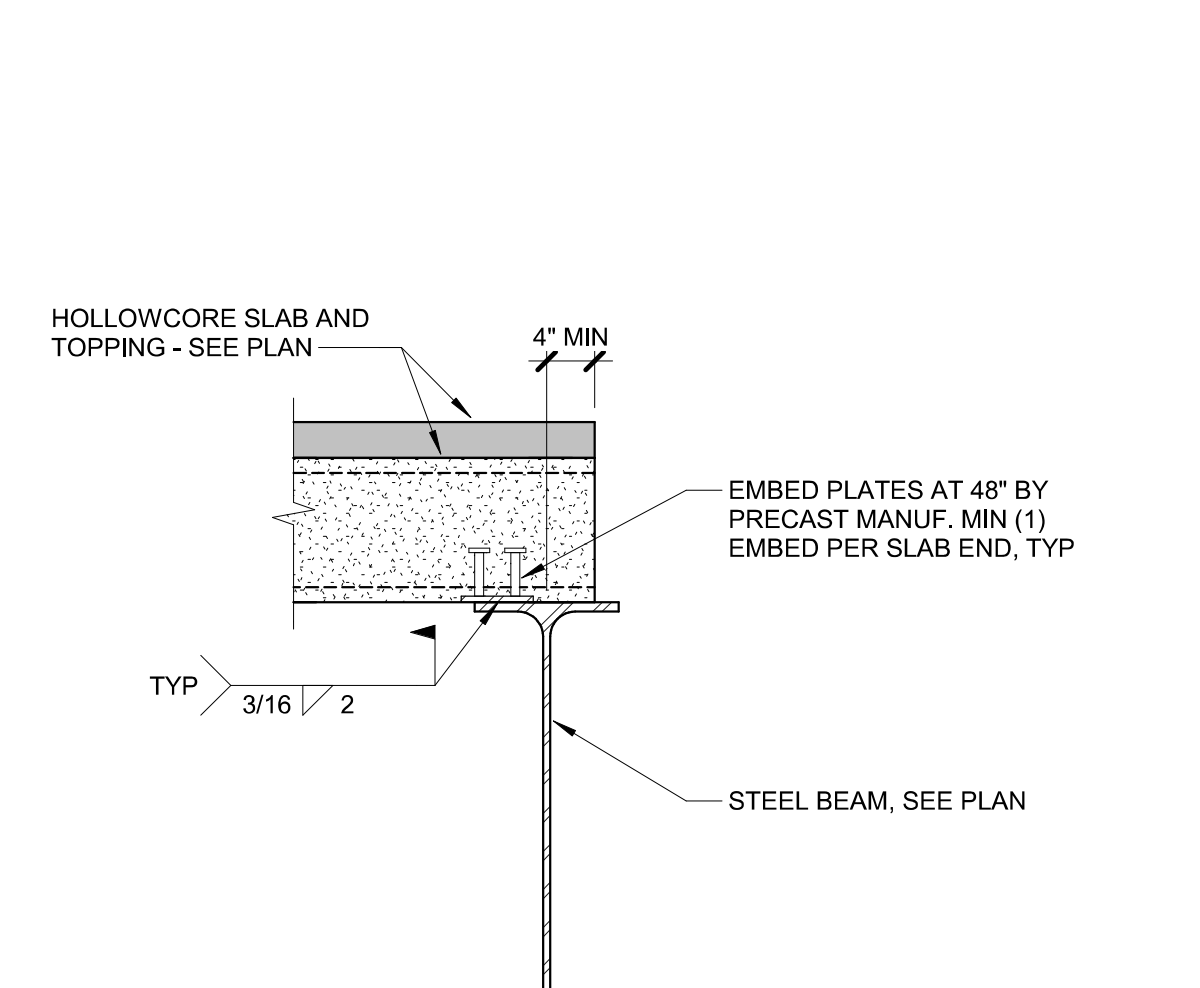
1 HC SLAB PERP OVER WF BEAM
 3/4" = 1'-0"



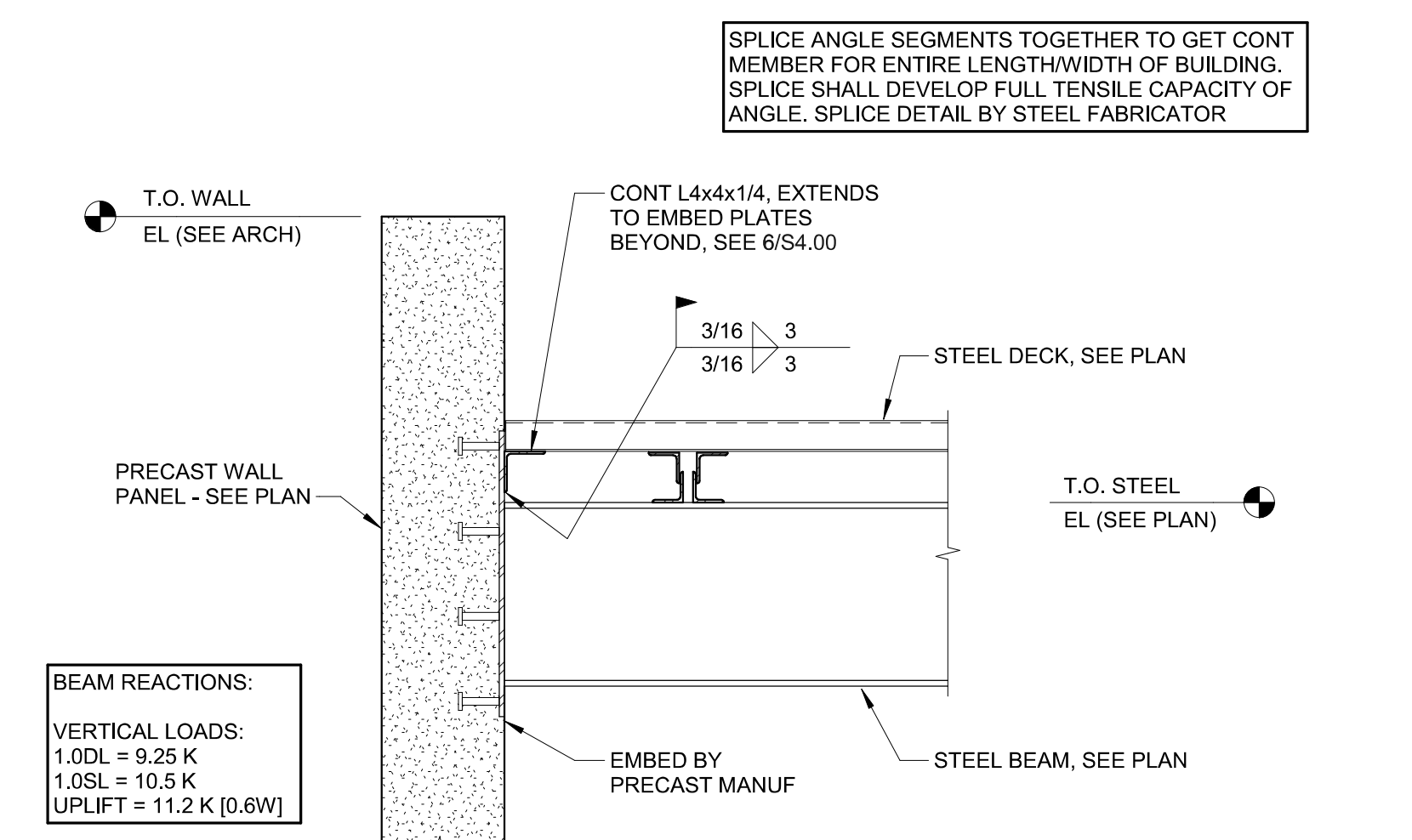
10 MECH LANDING ON HC ROOF
 3/4" = 1'-0"



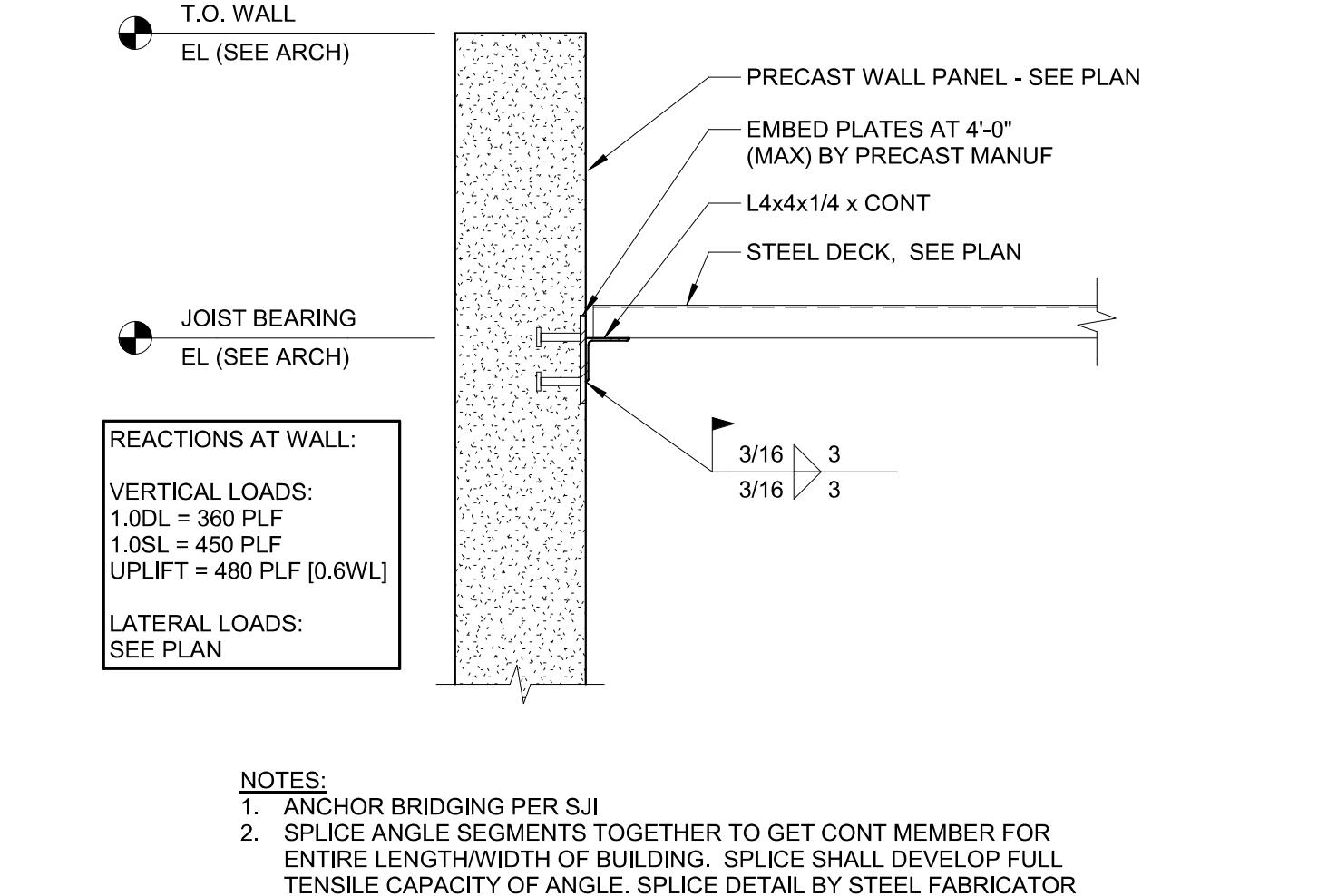
9 MECH LANDING ON HC ROOF
 3/4" = 1'-0"



8 HC SLAB PERP TO WF BEAM
 3/4" = 1'-0"

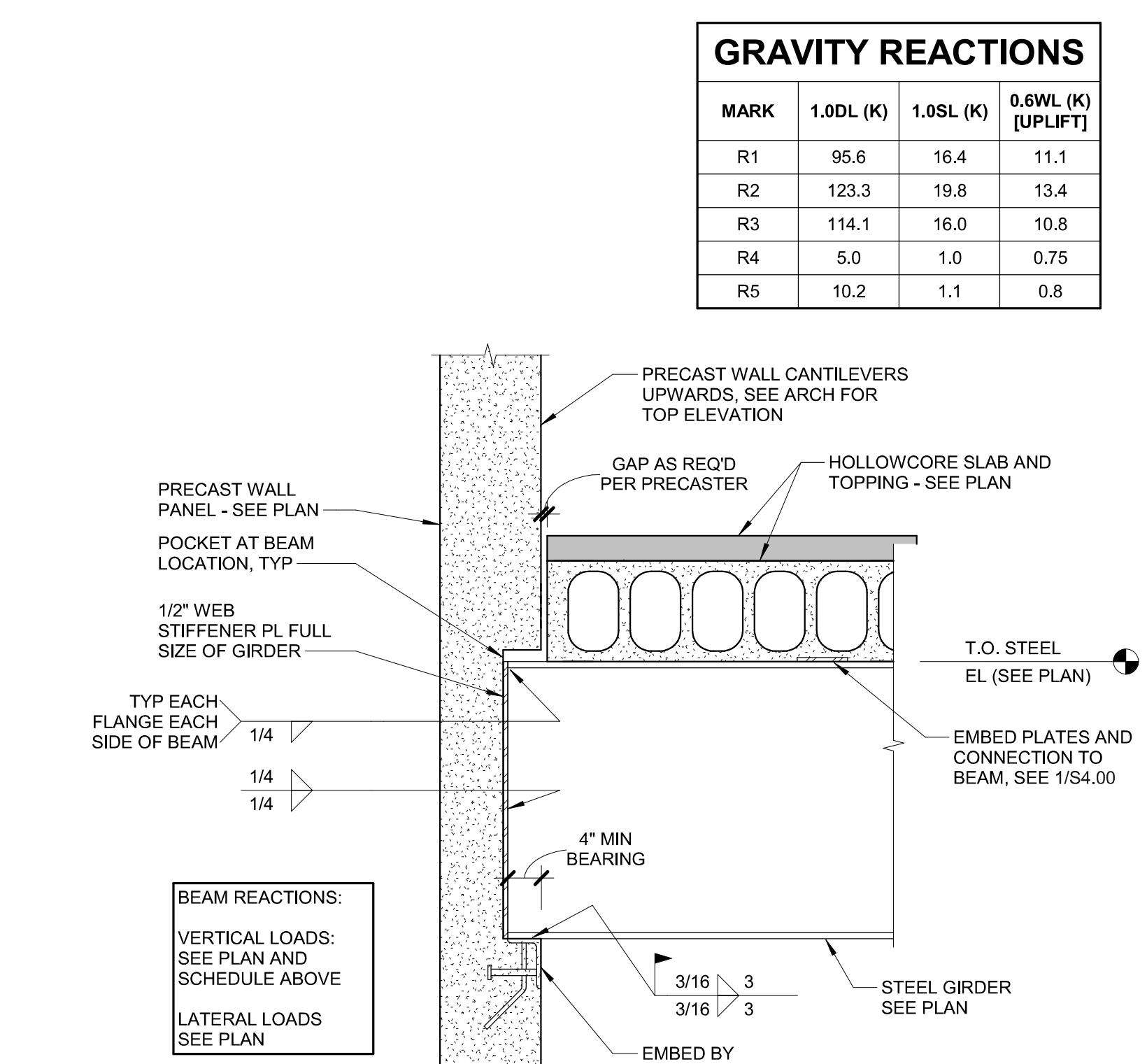


7 BEAM TO PRECAST WALL AT DECK
 3/4" = 1'-0"

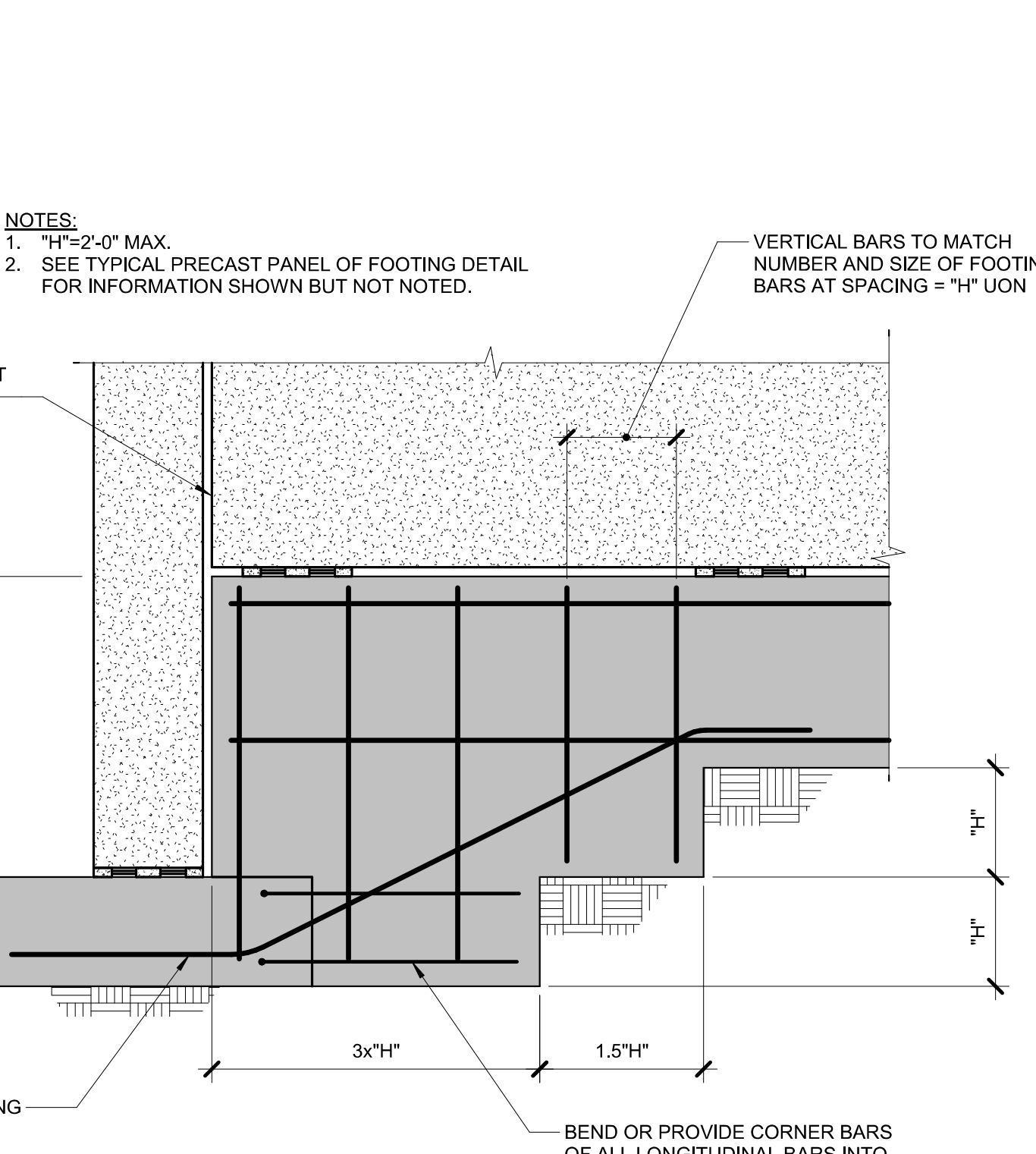


6 ROOF DECK TO PRECAST WALL
 3/4" = 1'-0"

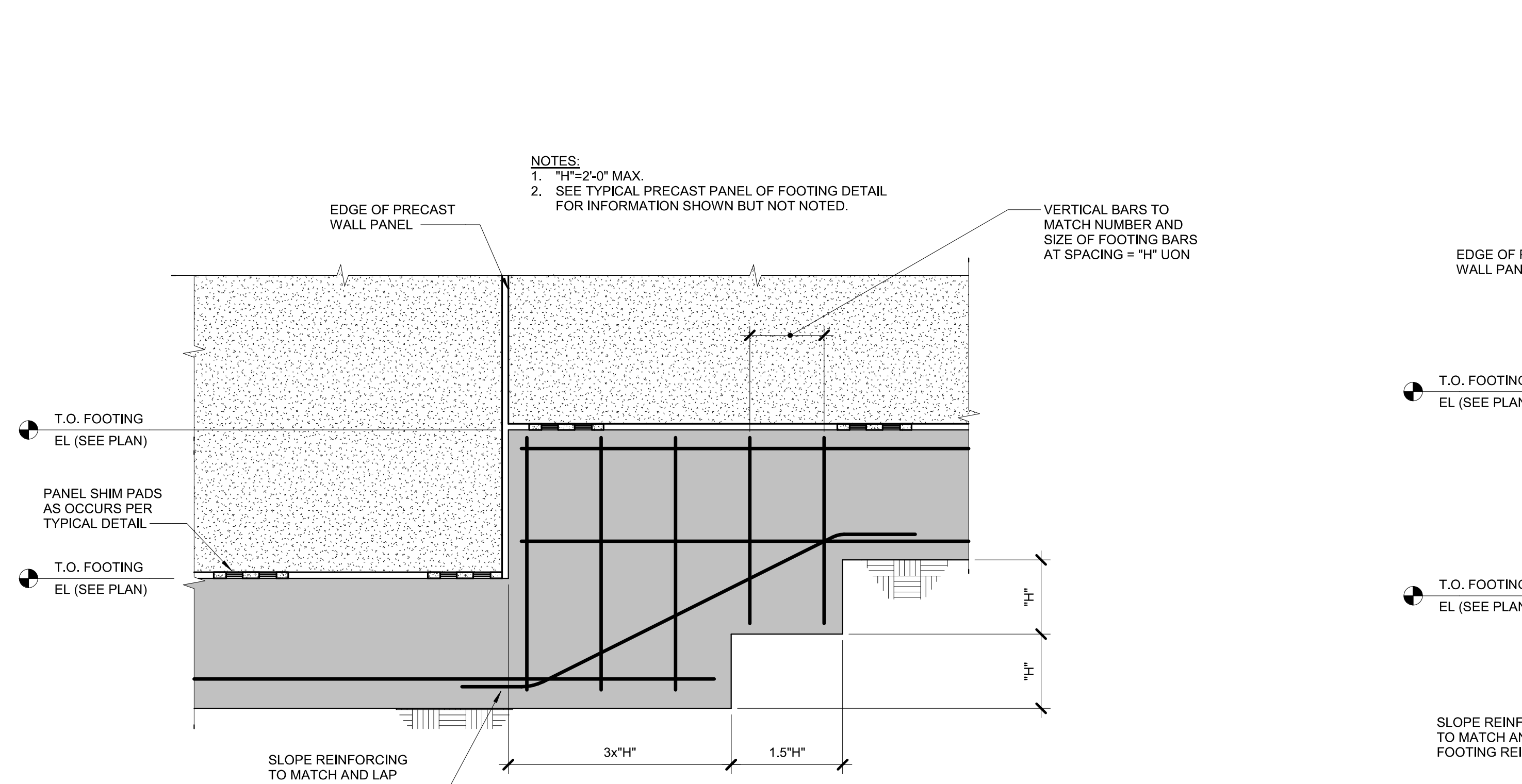
MARK	1.0DL (K)	1.0SL (K)	8.0WL (K) (UPLIFT)
R1	95.6	16.4	11.1
R2	123.3	19.8	13.4
R3	114.1	16.0	10.8
R4	5.0	1.0	0.75
R5	10.2	1.1	0.8



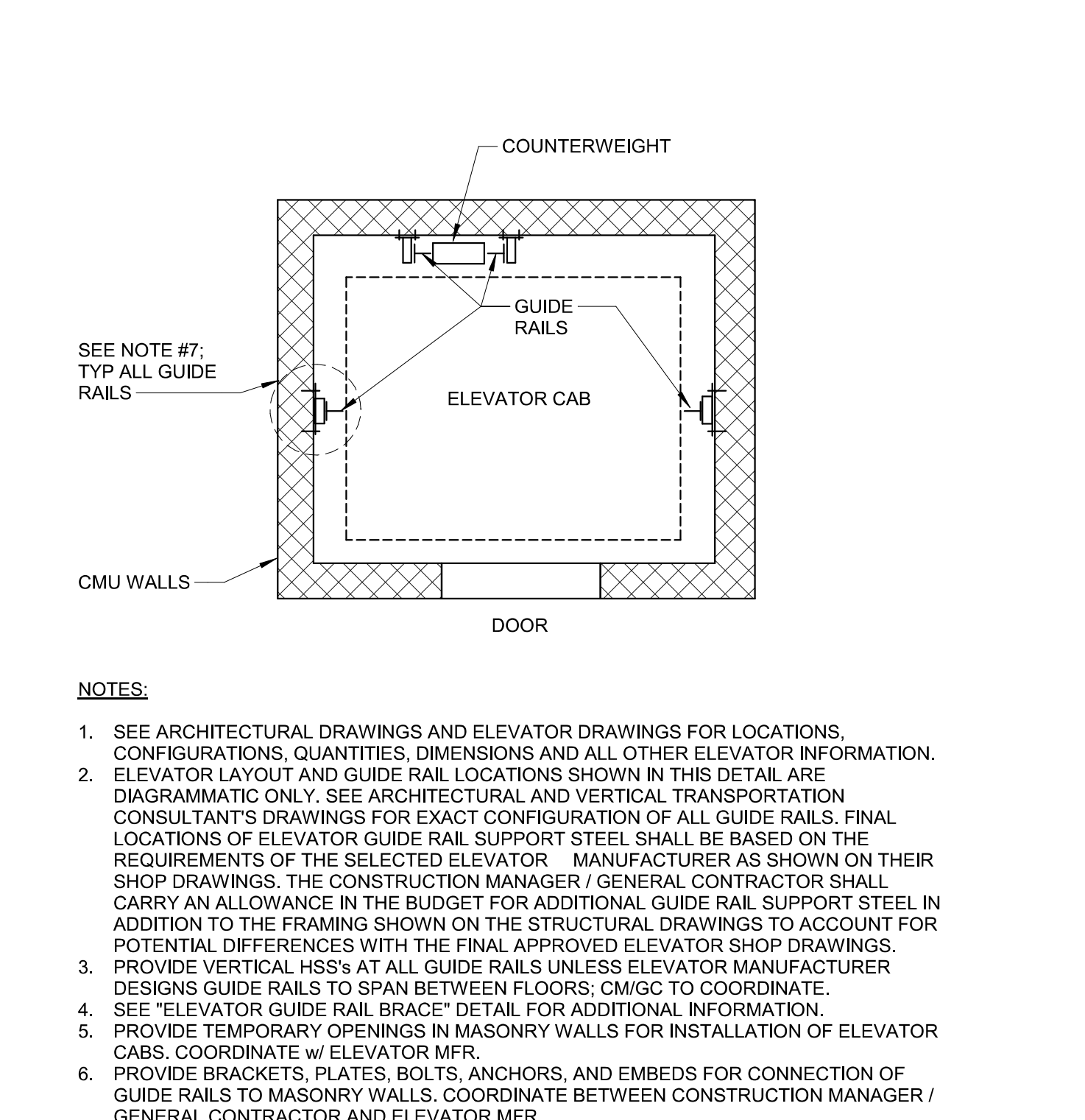
14 GIRDER TO PRECAST AT HC ROOF
 3/4" = 1'-0"



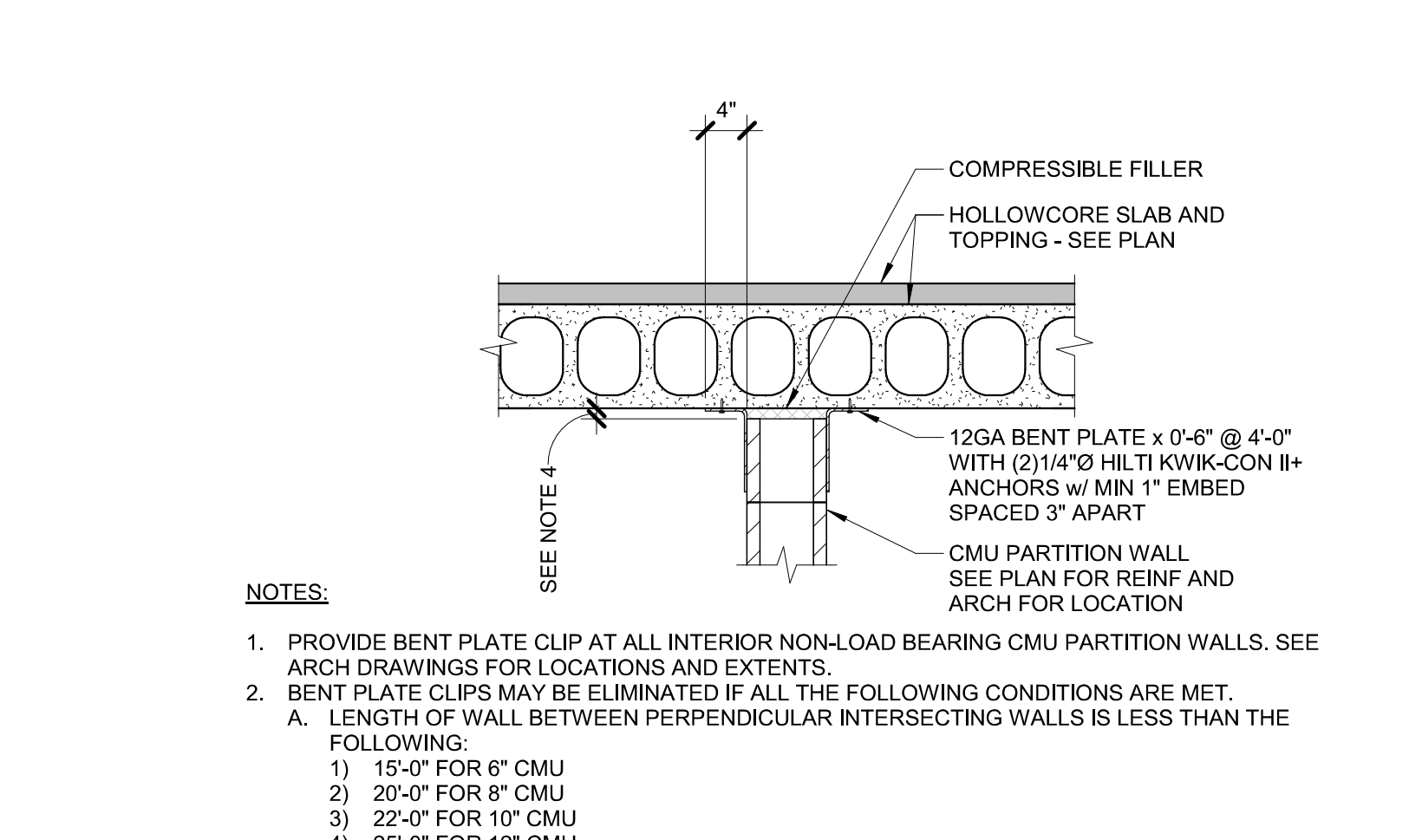
13 PRECAST WALL AT STEP - PERP
 3/4" = 1'-0"



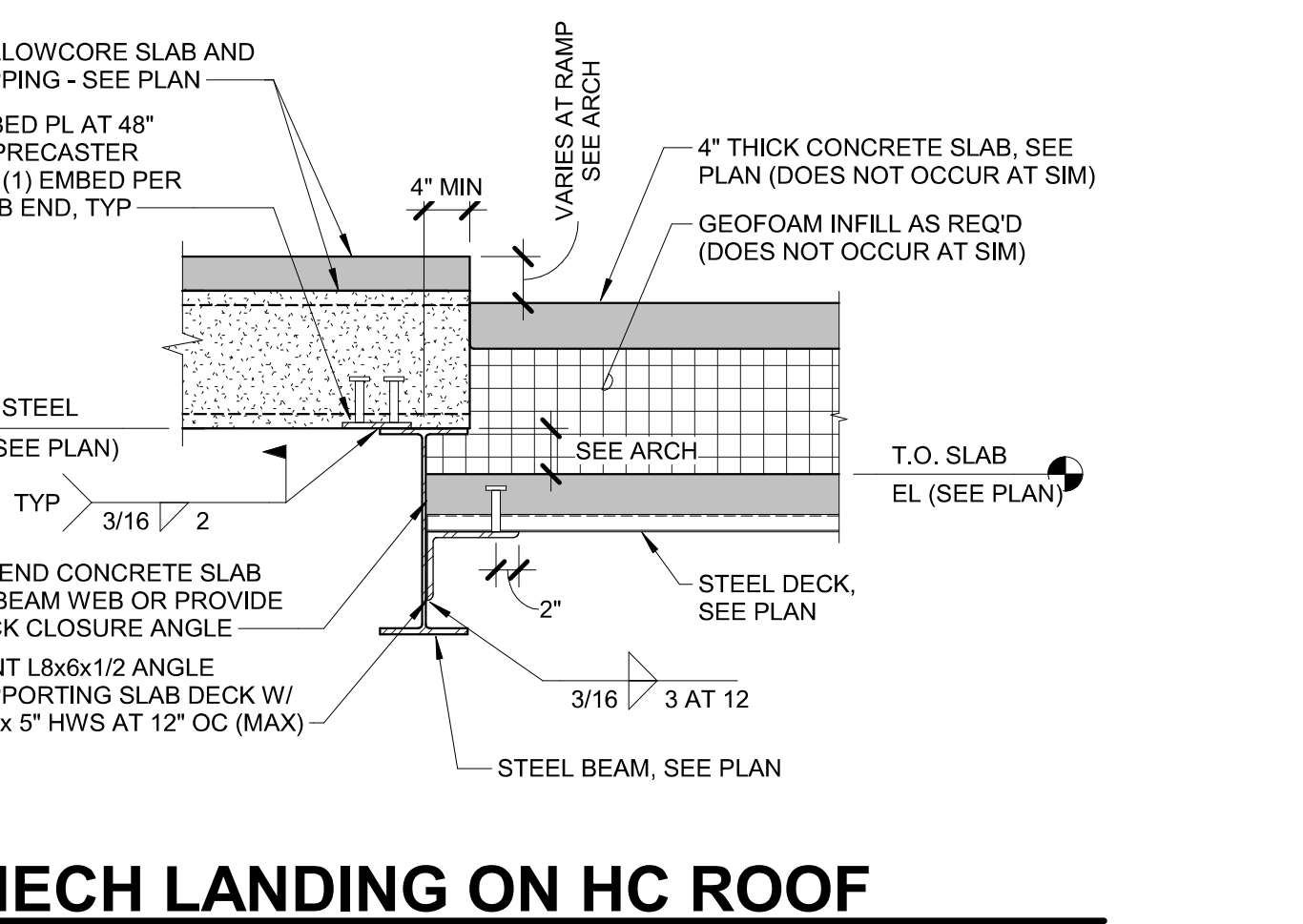
12 PRECAST WALL AT STEPPED FOOTING
 3/4" = 1'-0"



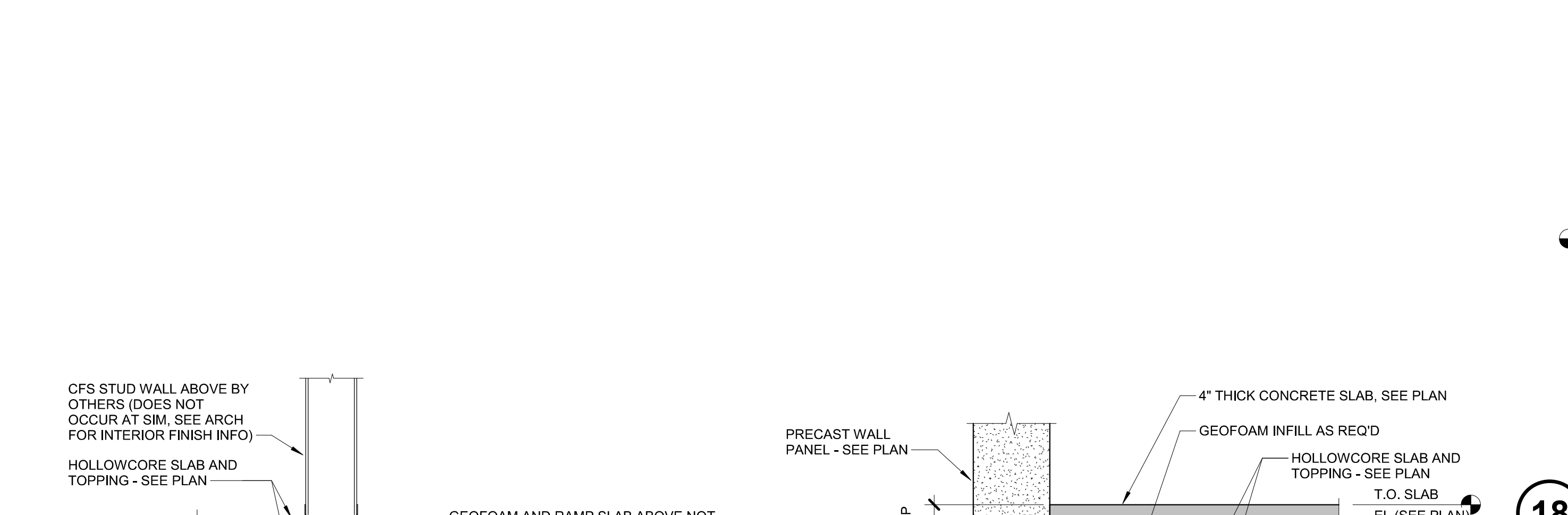
11 ELEVATOR RAIL PLAN - CMU
 3/4" = 1'-0"



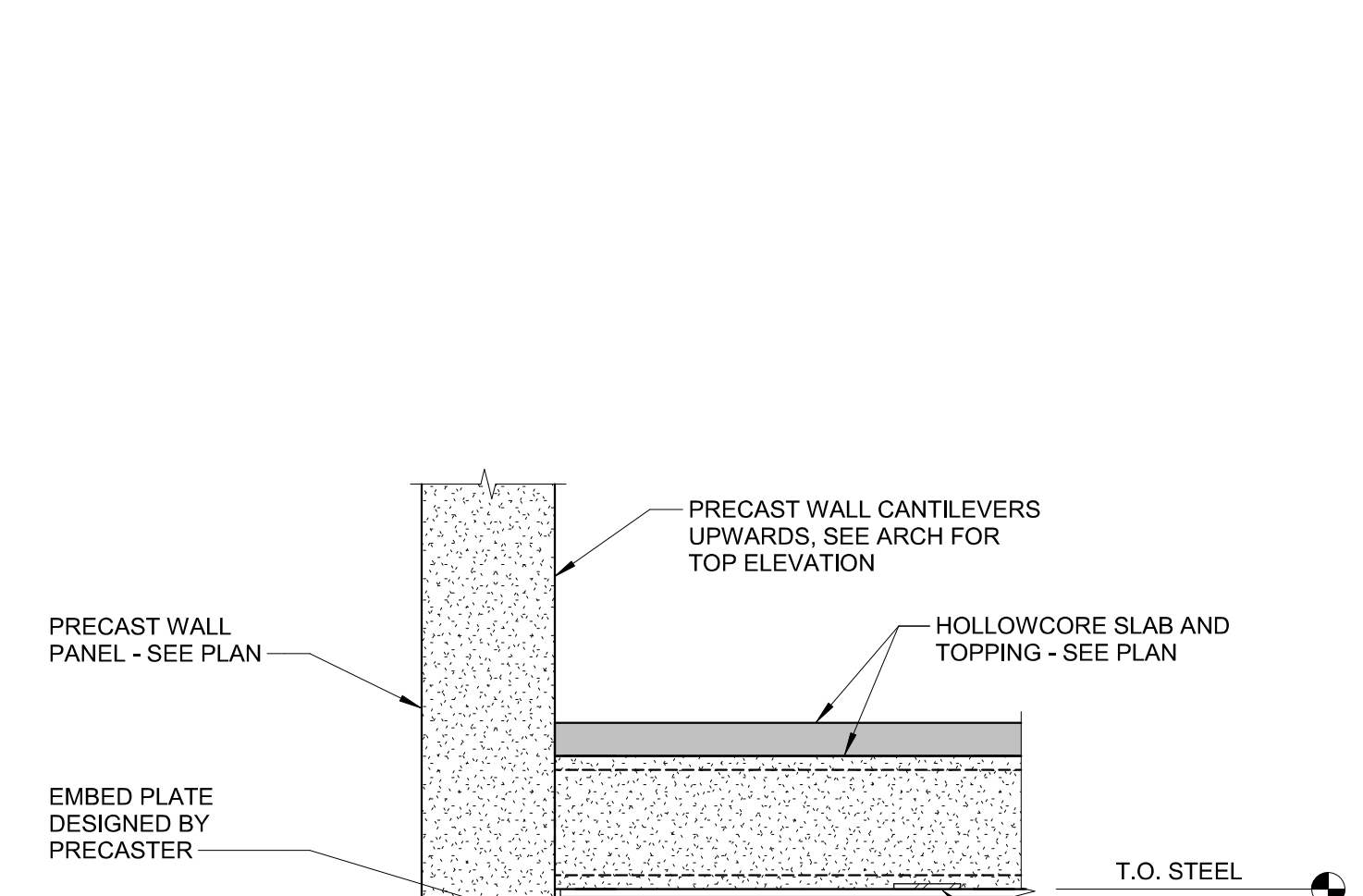
20 CONNECTION OF CMU PARTITION WALL AT HOLLOWCORE SLAB
 3/4" = 1'-0"



18 MECH LANDING ON HC ROOF
 3/4" = 1'-0"



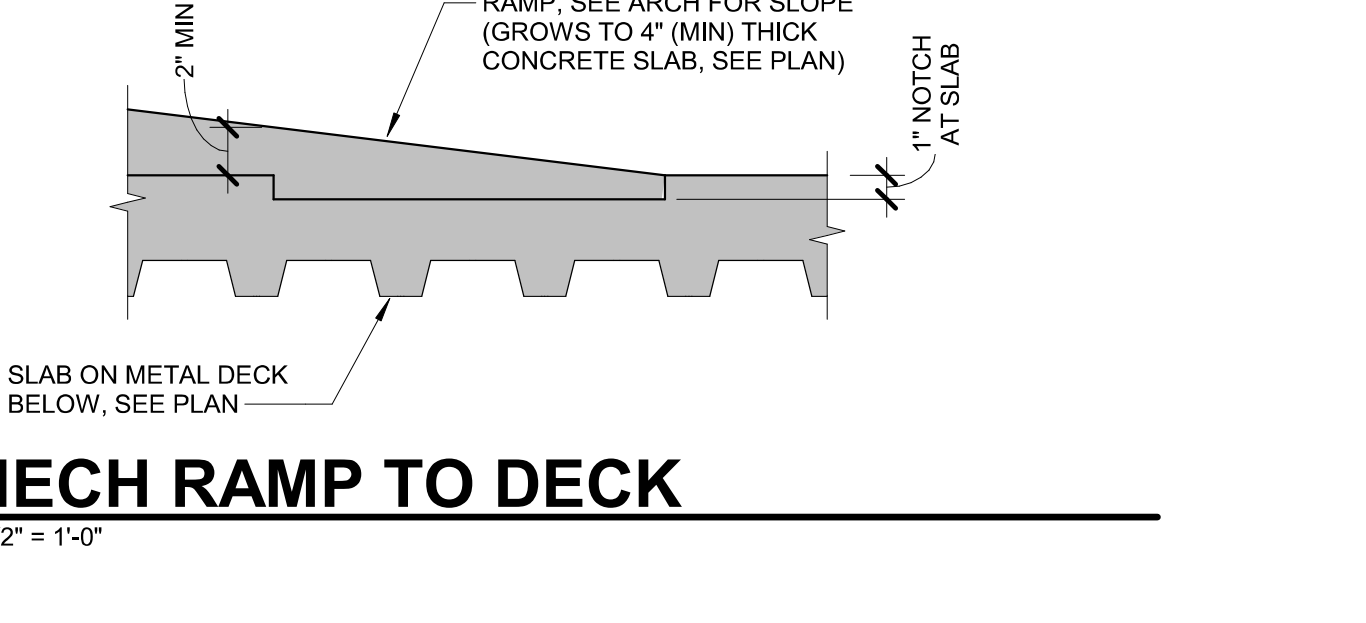
16 HC AND FLOOR DECK TO BEAM
 3/4" = 1'-0"



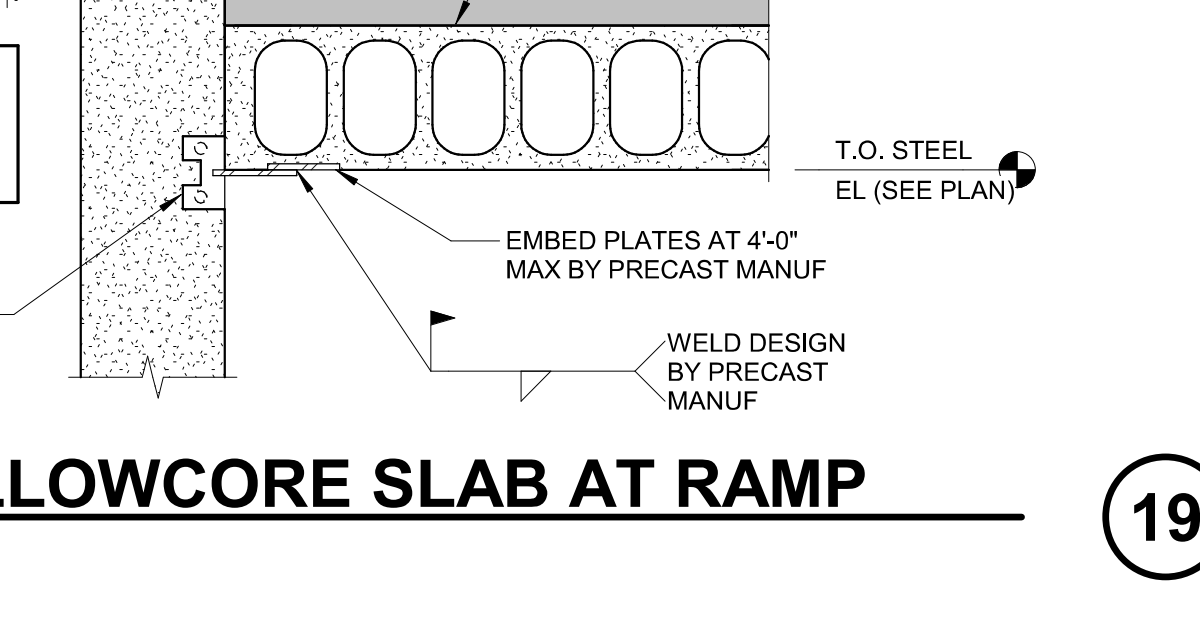
15 WF BEAM TO PRECAST WALL
 3/4" = 1'-0"

PRELIMINARY
 NOT FOR
 CONSTRUCTION

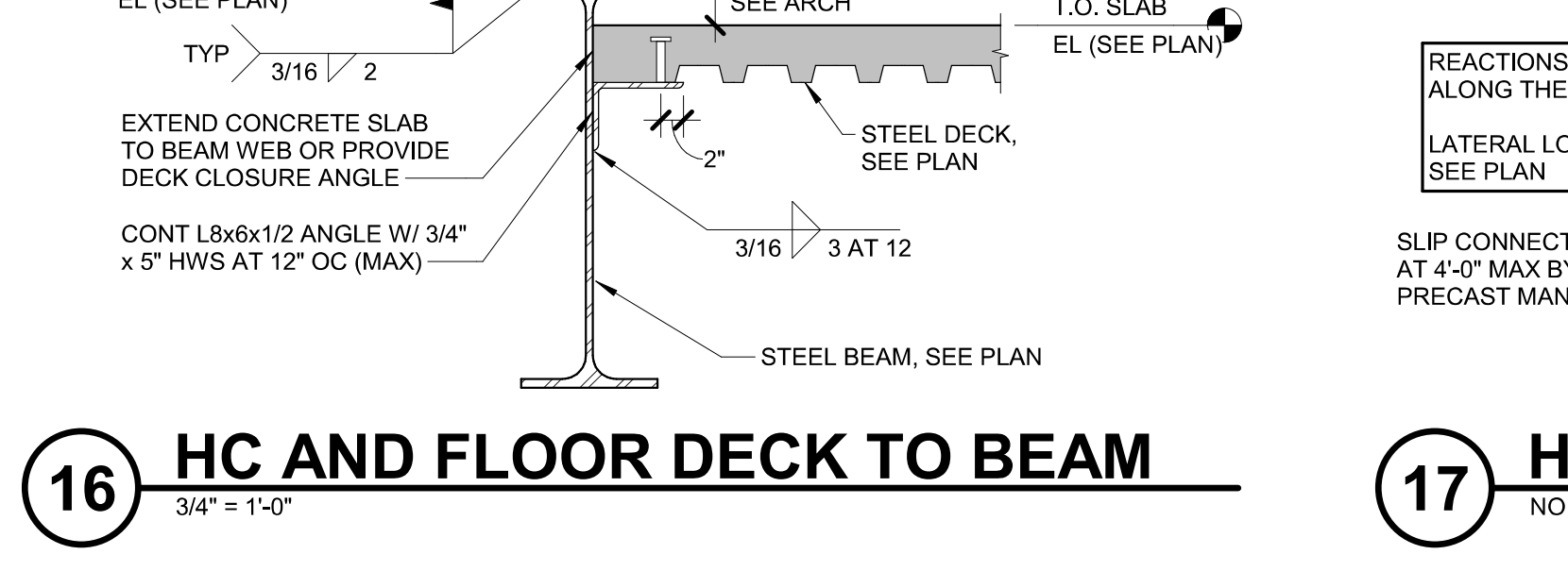
SEE SHEET 300A RELEVANT TO THIS DRAWING AND THE DATA SHOWN THEREON. S&D DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG. ©2024 IMEG CONSULTANTS CORP. Block Design Firm Registration #15020205-0014 IMEG PROJECT # 230116103



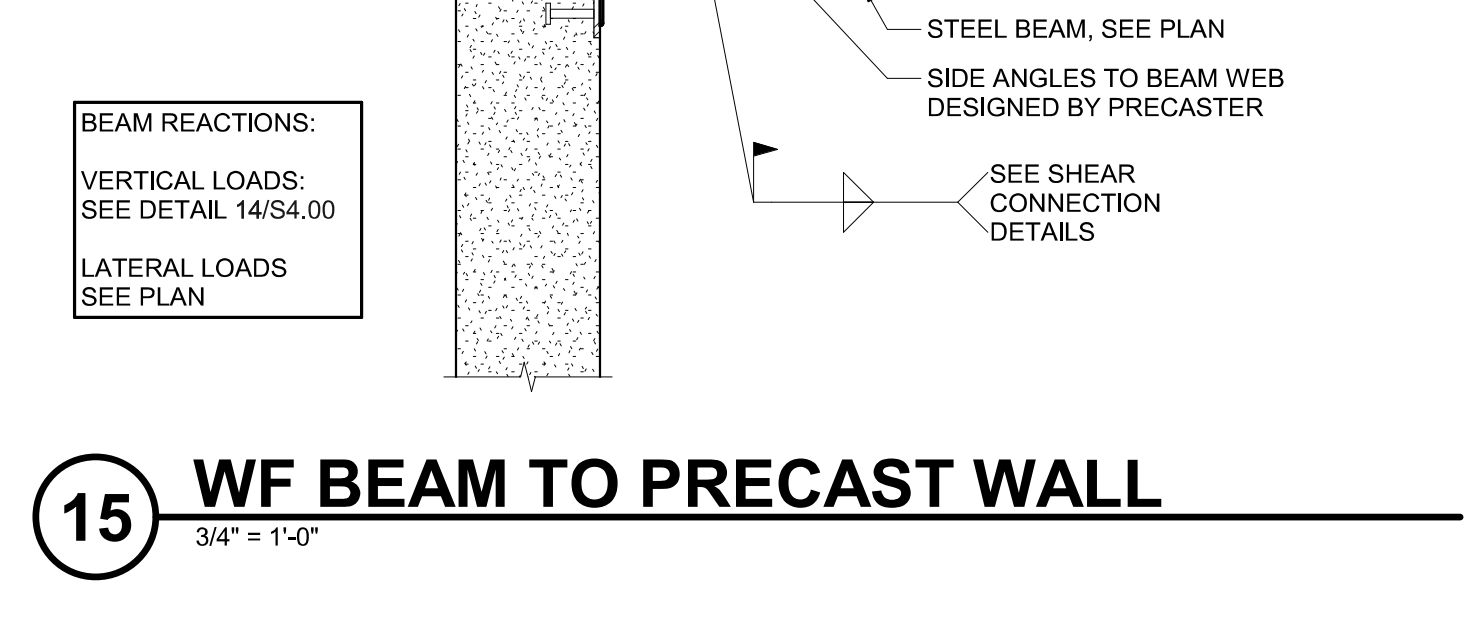
19 MECH RAMP TO DECK
 1 1/2" = 1'-0"



17 HOLLOWCORE SLAB AT RAMP
 NO SCALE



16 HC AND FLOOR DECK TO BEAM
 3/4" = 1'-0"



15 WF BEAM TO PRECAST WALL
 3/4" = 1'-0"