



Agenda

City Council Work Session Meeting
Oelwein City Hall, 20 Second Avenue SW, Oelwein, Iowa
5:30 PM

March 13, 2023
Oelwein, Iowa

Mayor: Brett DeVore

Mayor Pro Tem: Lynda Payne

Council Members: Karen Seeders, Tom Stewart, Matt Weber, Dave Garrigus, Dave Lenz

Pledge of Allegiance

Discussions

- [1.](#) Discussion on City Hall Renovation.

Adjournment

In compliance with the Americans with Disabilities Act, those requiring accommodation for Council meetings should notify the City Clerk's Office at least 24 hours prior to the meeting at 319-283-5440

Statements of probable construction cost prepared by Martin Gardner Architecture, P.C. represents our best judgments as design professionals familiar with the construction industry. However, neither Martin Gardner Architecture, P.C. nor the Owner has control over the cost of labor, materials or equipment, over the contractor's method of determining bid prices, or over competitive bidding, market or negotiating conditions. Accordingly, Martin Gardner Architecture, P.C. cannot and does not warrant or represent that bids will not vary from the project budget proposed, established or approved by the owner, if any, or from any statement of probable construction cost prepared by Martin Gardner Architecture.

	Building Square Footage	7,900
DEMOLITION		
	Demolition Subtotal	\$18,774
SITE WORK		
	Site Work Subtotal	\$11,410
ADDITION		
	Addition Subtotal	\$217,565
EXTERIOR ENCLOSURE		
	Exterior Enclosure Subtotal	\$13,950
INTERIORS		
	Interiors Subtotal	\$158,020
SERVICES		
	Services Subtotal	\$133,890
FURNISHINGS, FIXTURES, & EQUIPMENT		
	FF&E Subtotal	\$13,000
	Project Subtotal	\$566,609
GENERAL CONDITIONS		
General Contracting Fees (General Requirements: 10%; O.H. and Profit is included in unit prices)	10%	\$56,661
	Project Subtotal + General Conditions	\$623,270
CONSTRUCTION & DESIGN CONTINGENCIES		
Bidding Contingency (% of Project Subtotal)	8.0%	\$49,862
Construction Contingency (% of Project Subtotal)	15.0%	\$93,490
	Subtotal Contingencies	\$143,352
	Base Bid Project Total	\$766,622
Alternate A-1		
	Alternate Subtotal	\$73,223
Alternate A-2		
	Alternate Subtotal	\$71,123
	Base Bid Project Total	\$910,967

OELWEIN CITY HALL RENOVATION

20 2ND AVENUE SW, OELWEIN, IA 50662

OWNER

CITY OF OELWEIN
 20 2ND AVENUE SW
 OELWEIN, IA 50662
 DYLAN MULFINGER
 DMULFINGER@CITYOFELWEIN.ORG
 319-283-4032

ARCHITECT:

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 319-200-8498

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 ELIZABETH, IL 61028
 TODD BIRKEL
 TBIRKEL@HOOTINGCOYOTE.COM
 815-858-5514

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WEST PLAINS ENGINEERING
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 CEDAR RAPIDS, IA 52401
 DAVID CLARK
 DAVID.CLARK@WESTPLAINSENGINEERING.COM
 319-365-0030

DRAWING SHEET INDEX	
SHEET NUMBER	SHEET NAME
1-COVER	
A000	COVER SHEET
A001	CODE REVIEW
2-CIVIL	
C01	SITE PLAN
3-ARCHITECTURAL	
A101	DEMOLITION PLAN
A102	FLOOR PLAN
A103	ENLARGED PLAN
A104	REFLECTED CEILING DEMOLITION PLAN
A105	REFLECTED CEILING PLAN
A200	SCHEDULES
A300	DETAILS
A400	ELEVATIONS (DEMO)
A401	EXTERIOR ELEVATIONS
A500	INTERIOR ELEVATIONS
A600	SECTIONS
A601	SECTIONS
A700	ROOF PLAN
4-STRUCTURAL	
S001	STRUCTURAL DESIGN CRITERIA
S100	FOUNDATION / ROOF PLAN
S300	FOUNDATION DETAILS
S400	ROOF DETAILS
5-Mechanical	
M001	MECHANICAL DEMOLITION
M101	HVAC
M201	MECHANICAL SYMBOLS & DETAILS
P101	UNDERFLOOR SANITARY AND VENT
P201	PLUMBING SYMBOLS & DETAILS
6-Electrical	
E001	ELECTRICAL DEMOLITION
E101	LIGHTING PLAN
E201	POWER AND COMMUNICATION
E301	ELECTRICAL SYMBOLS & DETAILS
E401	ELECTRICAL SCHEDULES & SPEC'S

PROJECT SITE



AERIAL SITE PLAN
 NTS

GENERAL NOTES:

- ALL WORK ON THIS PROJECT IS TO BE BUILT IN ACCORDANCE TO ALL FEDERAL, STATE, AND LOCAL BUILDING CODES. CONTRACTOR SHALL BRING TO ARCHITECT'S ATTENTION ALL ITEMS REQUIRING INTERPRETATION.
- ALL CONTRACTORS ON THIS PROJECT MUST BE REGISTERED WITH THE STATE OF IOWA. GENERAL CONTRACTOR SHALL OBTAIN A COPY OF THE STATE REGISTRATION AND INSURANCE CERTIFICATES FROM EACH CONTRACTOR AND TRANSMIT TO ARCHITECT PRIOR TO START OF CONSTRUCTION.
- HAZARDOUS MATERIAL: THE OWNER AT THIS TIME HAS NO KNOWLEDGE OF ASBESTOS OR ANY OTHER HAZARDOUS MATERIAL WITHIN OR ADJACENT TO THE EXISTING BUILDING. SHOULD THE CONTRACTOR OR ANY OF HIS SUBCONTRACTORS ENCOUNTER MATERIAL WHICH THEY SUSPECT TO CONTAIN OR BE CONTAMINATED WITH ASBESTOS OR OTHER HAZARDOUS MATERIAL IN HAZARDOUS FORM, THEY SHOULD IMMEDIATELY:
 - CEASE ALL OPERATIONS IN THE AREA OF SUSPECTED MATERIAL.
 - NOTIFY THE OWNER VERBALLY AND CONFIRM THE NOTIFICATION IN WRITING. ONCE NOTIFIED, THE OWNER WILL BE RESPONSIBLE TO HAVE THE QUESTIONABLE MATERIAL TESTED AND IF NECESSARY, REMOVED OR STABILIZED.

I hereby certify that the portion of this technical submission described below was prepared by me, or under my direct supervision and responsible charge. I am a duly registered architect under the laws of the state of Iowa.

Kyle D. Martin Date: _____
 Registration number: _____
 Registration expires: _____ Date issued: _____
 Pages or sheets covered by this seal: _____

BID SET: 03/14/2023	REVISION NUMBER:	DATE:

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A000

11065.02

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OCCUPANT LOADING SCHEDULE				
AREA NAME	FUNCTION	AREA	OCCUPANT LOAD FACTOR	MAX. LOAD
BREAKROOM	ASSEMBLY	374 SF	15	25
LOBBY	ASSEMBLY	242 SF	15	17
COUNCIL	ASSEMBLY	1003 SF	15	67
MAPS	BUSINESS	288 SF	150	2
OFFICE	BUSINESS	97 SF	150	1
OFFICE	BUSINESS	195 SF	150	2
WORK	BUSINESS	599 SF	150	4
OFFICE	BUSINESS	135 SF	150	1
OFFICE	BUSINESS	86 SF	150	1
OFFICE	BUSINESS	345 SF	150	3
CONFERENCE	BUSINESS	473 SF	150	4
MECH.	MECHANICAL	43 SF	300	1
MECH.	MECHANICAL	59 SF	300	1
MECH.	MECHANICAL	13 SF	300	1
TOILET	RESTROOM	48 SF		
TOILET	RESTROOM	84 SF		
TOILET	RESTROOM	157 SF		
TOILET	RESTROOM	77 SF		
SALLY PORT	STORAGE	869 SF	300	3
JAN.	STORAGE	34 SF	300	1
VAULT	STORAGE	249 SF	300	1
STORAGE	STORAGE	184 SF	300	1
STAIR	UNOCCUPIED	140 SF		
CORRIDOR	UNOCCUPIED	182 SF		
ENTRY	UNOCCUPIED	666 SF		
CORRIDOR	UNOCCUPIED	156 SF		
		6799 SF		136

AHJ: CITY OF OELWEIN

BUILDING CODES

- 2021 INTERNATIONAL BUILDING CODE
- 2021 INTERNATIONAL EXISTING BUILDING CODE
- 2021 INTERNATIONAL FIRE CODE
- 2021 NATIONAL ELECTRIC CODE
- 2021 INTERNATIONAL MECHANICAL CODE
- 2021 UNIFORM PLUMBING CODE
- 2021 INTERNATIONAL ENERGY CONSERVATION CODE
- 2010 ADA STANDARDS

CHAPTER 3 - USE AND OCCUPANCY

BUILDING OCCUPANCY TYPE: B

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

TABLE 504.3 - ALLOWABLE BUILDING HEIGHT	40 FT.
ALLOWABLE BUILDING HEIGHT:	20 FT.
PROPOSED BUILDING HEIGHT:	
TABLE 504.4 - ALLOWABLE NUMBER OF STORIES	2
ALLOWABLE NUMBER OF STORIES:	1
PROPOSED NUMBER OF STORIES:	
TABLE 506.2 - ALLOWABLE AREA FACTOR IN S.F.	VB
PROPOSED ADDITION/NEW BUILDING	9,000 SF
CONSTRUCTION TYPE:	
ALLOWABLE BUILDING AREA/FLOOR:	VB
EXISTING BUILDING	9,000 SF
CONSTRUCTION TYPE:	
ALLOWABLE BUILDING AREA/FLOOR:	
SECTION 506 - BUILDING AND AREA MODIFICATIONS	5,850 SF
FRONTAGE INCREASE	
TOTAL BUILDING	7,900 SF
PROPOSED AREA (MAIN FLOOR)	
PROPOSED AREA (OTHER FLOOR)	
TOTAL ALLOWABLE BUILDING AREA	14,850 SF

CHAPTER 6 - TYPES OF CONSTRUCTION

TABLE 601 - FIRE RESISTANCE RATINGS FOR BUILDING ELEMENTS	VB
PRIMARY STRUCTURAL FRAME	0
EXTERIOR BEARING WALLS	0
INTERIOR BEARING WALLS	0
NONBEARING WALLS	0
FLOORS	0
ROOFS	0

CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES

SECTION 706 FIRE WALLS	2 HR
TABLE 706.4 FIRE WALL RESISTANCE RATINGS	
SECTION 707 FIRE BARRIERS	2 HR
TABLE 707.3.10 FIRE RESISTANCE RATINGS	1 HR
SECTION 708 FIRE PARTITIONS	1 HR
SECTION 709 SMOKE BARRIERS	1 HR
SECTION 710 SMOKE PARTITIONS	0 HR

CHAPTER 9 - FIRE PROTECTION SYSTEMS

SECTION 903 - SPRINKLER SYSTEM REQUIRED	NO
SECTION 907 - FIRE ALARM AND DETECTION SYSTEM	NO

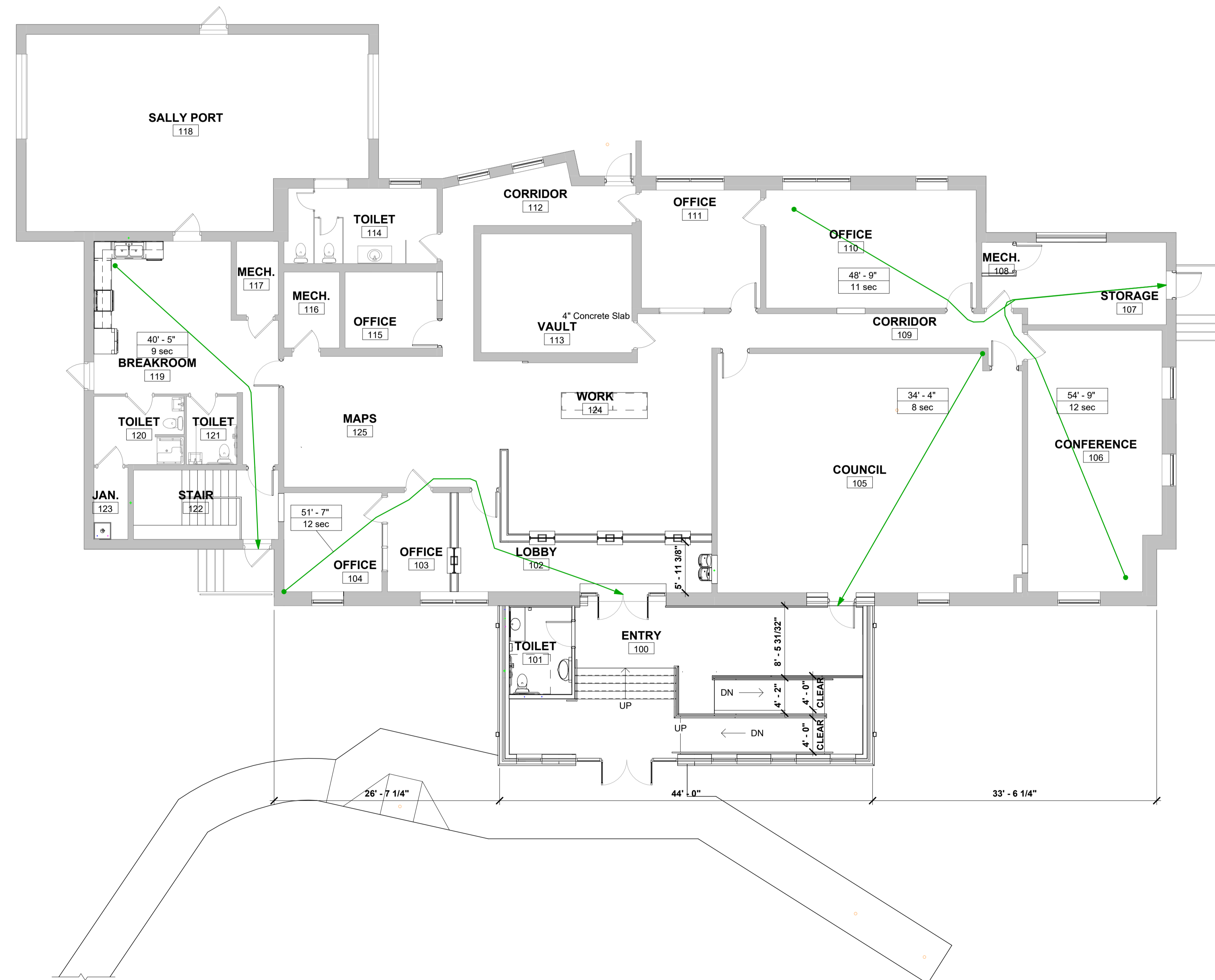
CHAPTER 10 - MEANS OF EGRESS

SEE CALCULATED OCCUPANCY LOAD OF PROJECT

TABLE 1016.1 - EXIT ACCESS TRAVEL DISTANCE	100'
TABLE 1021.1 - MIN. NUMBER OF EXITS	2

INSTRUCTIONS TO CODE OFFICIALS:

UPON COMPLETION OF THE REVIEW OF THESE CONSTRUCTION DOCUMENTS, PLEASE COPY ALL MARKUPS AND/OR COMMENTS TO THE APPLICANT AND THE ARCHITECT.



LIFE SAFETY PLAN
1/8" = 1'-0"

CODE REVIEW

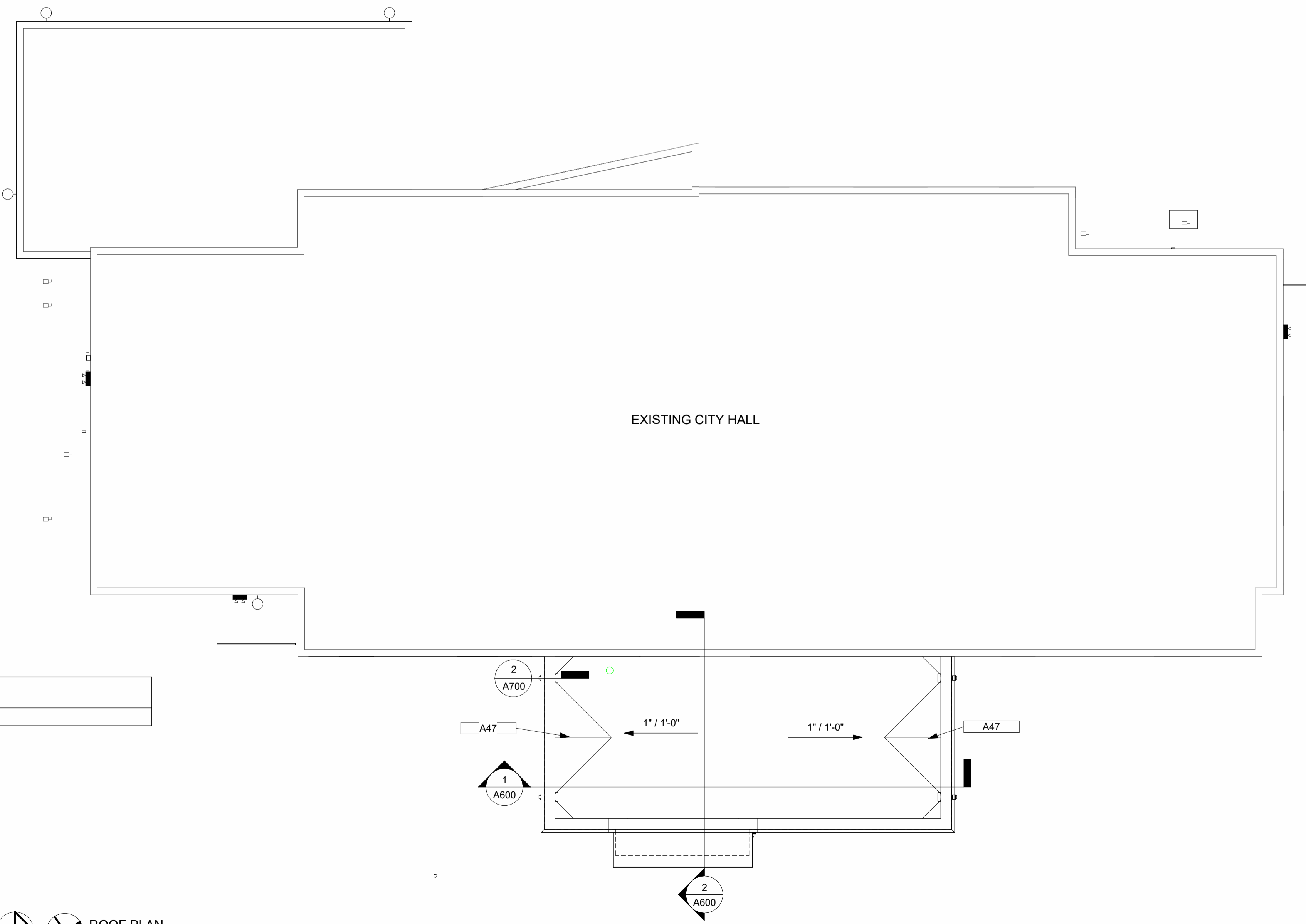
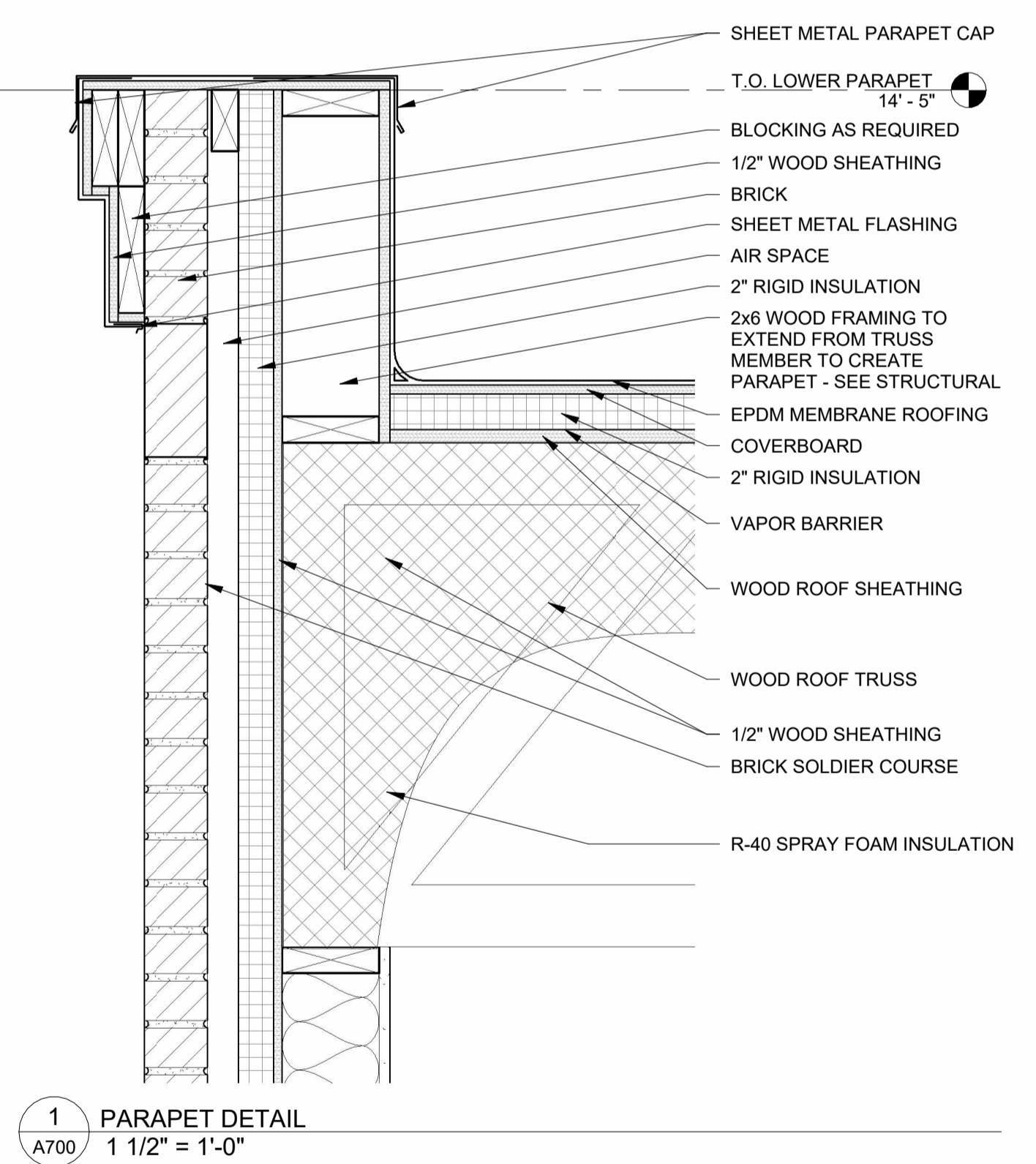
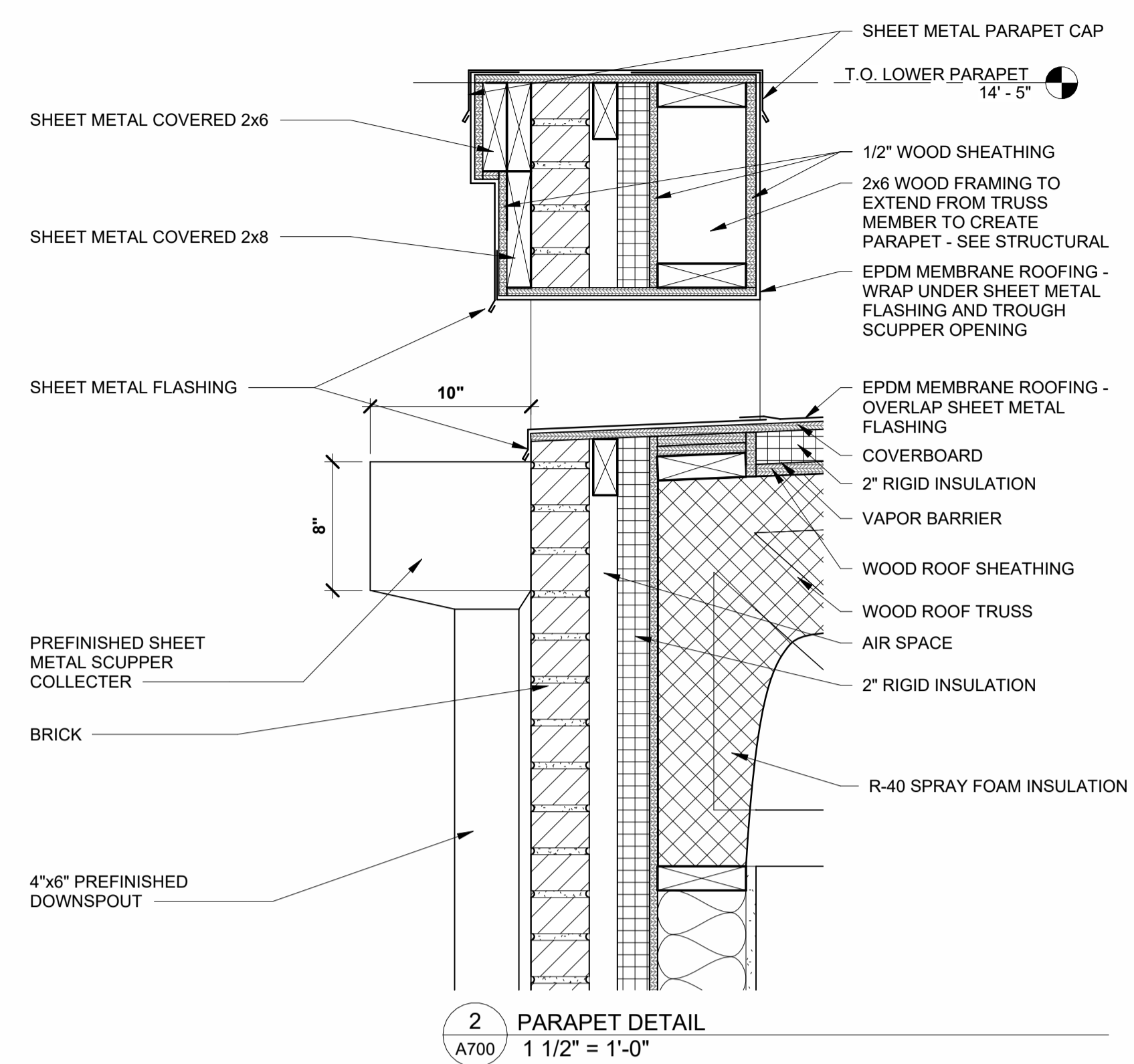
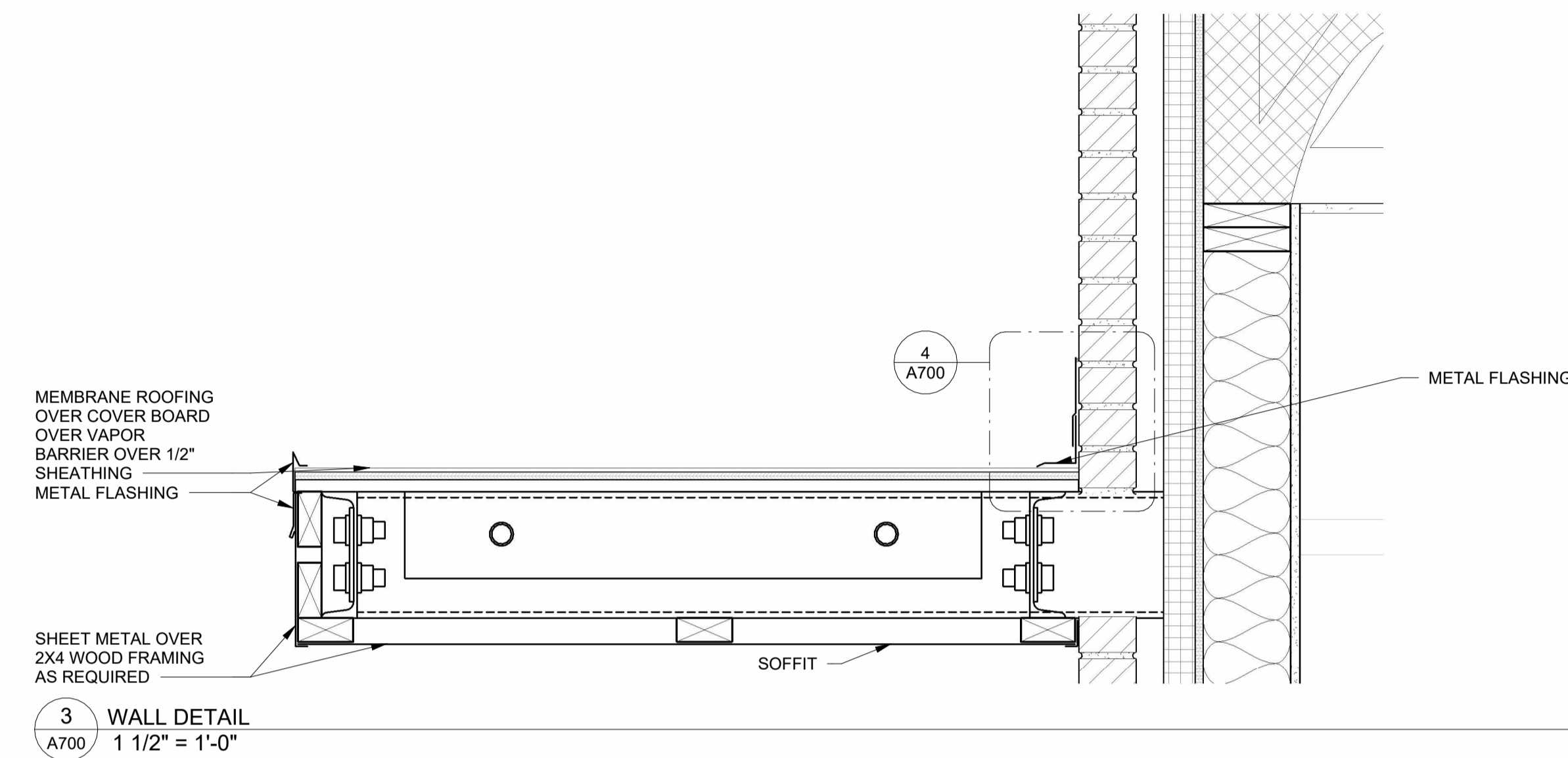
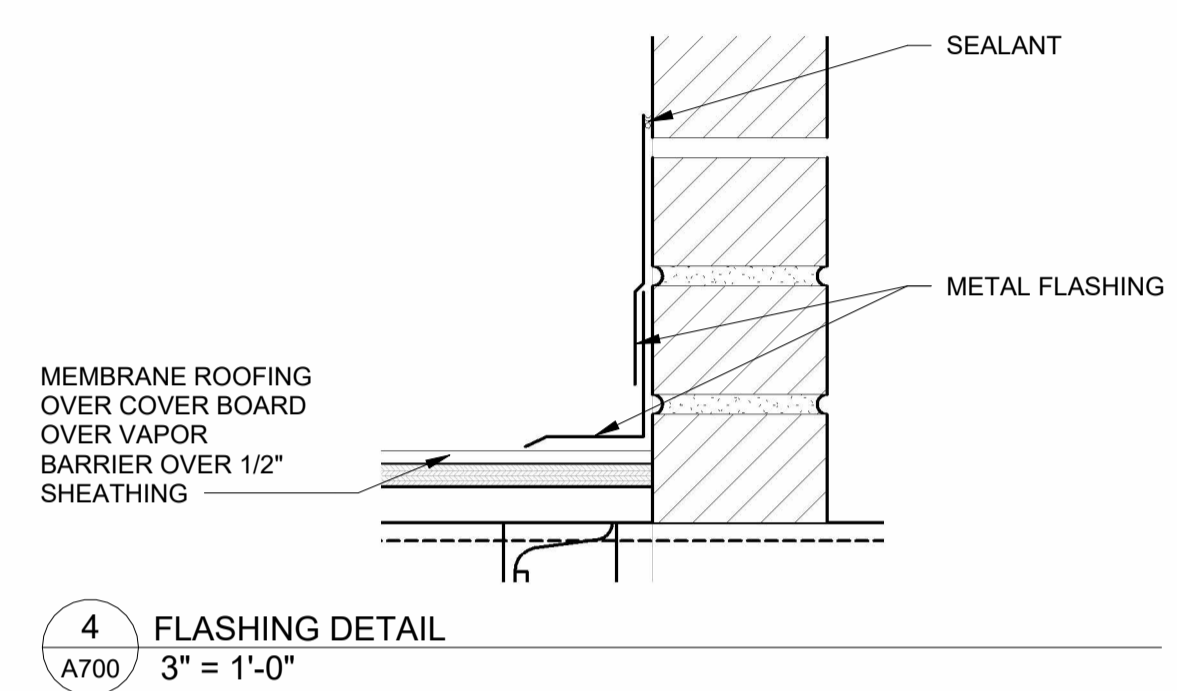
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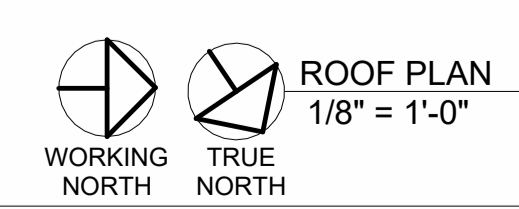
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- ROOF PLAN NOTES:**
- SEE FLOOR PLAN NOTES FOR DIMENSIONING STANDARDS
 - ALL DOWNSPOUTS TO DRAIN TO DRAIN TILE, SPLASH BLOCK OR PAVEMENT - SEE ELEVATIONS AND SITE PLAN FOR MORE INFORMATION.
 - PROVIDE KICKOUT FLASHING AT ROOF-TO-WALL TRANSITIONS
 - SEE DETAILS FOR CONTINUOUS INSULATION
 - PARAPETS
 - FOR PARAPET WALLS SHORTER THAN 4'-0", CARRY ROOF MEMBRANE OVER TOP OF WALL. FOR TALLER THAN 4'-0" PROVIDE TERMINATION BAR AND DRIP EDGE FLASHING.

ARCHITECTURAL KEYNOTES	
KEY	KEYNOTE



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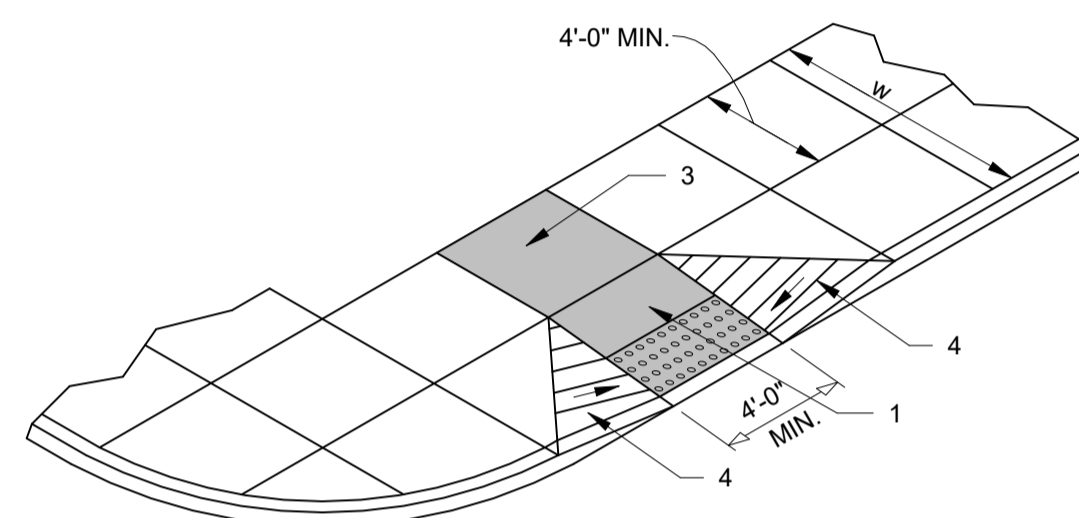
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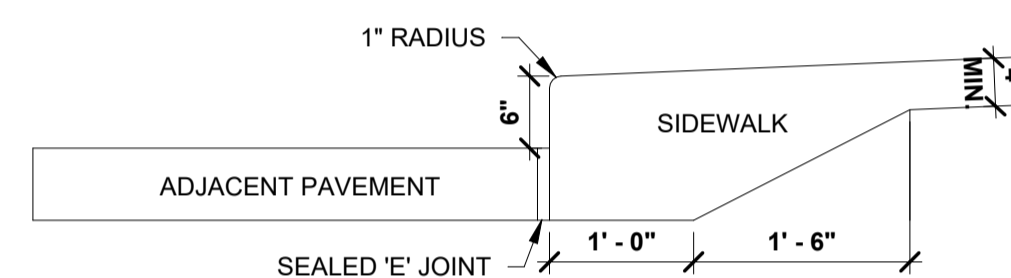
ROOF PLAN

ARCHITECTURAL KEYNOTES	
KEY	KEYNOTE
A22	SLOPE SIDEWALK DOWN TO MATCH EXISTING PAVING SURFACE
A23	EXISTING PAVING TO REMAIN
A24	EXISTING PAINT STRIPING TO REMAIN
A25	EXISTING ADA SIGN
A26	NEW ADA LOGO
A27	NEW ADA LOADING AREA PAINT STRIPING
A46	CONTRACTOR TO REMOVE AND REINSTALL DROP BOX. COORDINATE LOCATION WITH CITY.

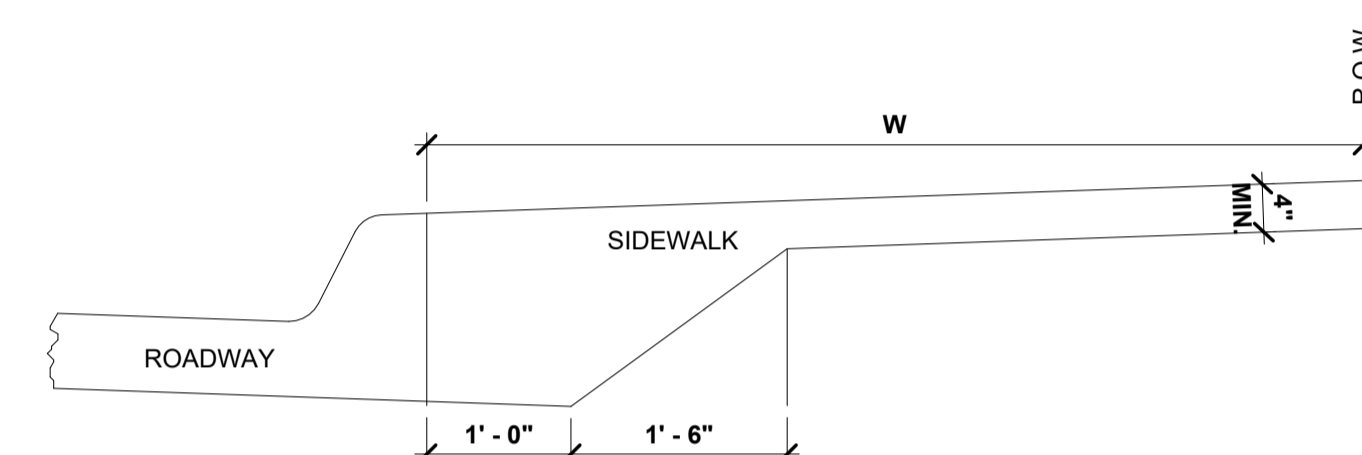
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4 CURB RAMP DETAIL
C01 1 1/2" = 1'-0"



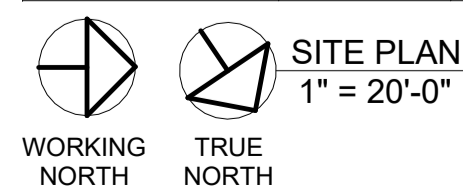
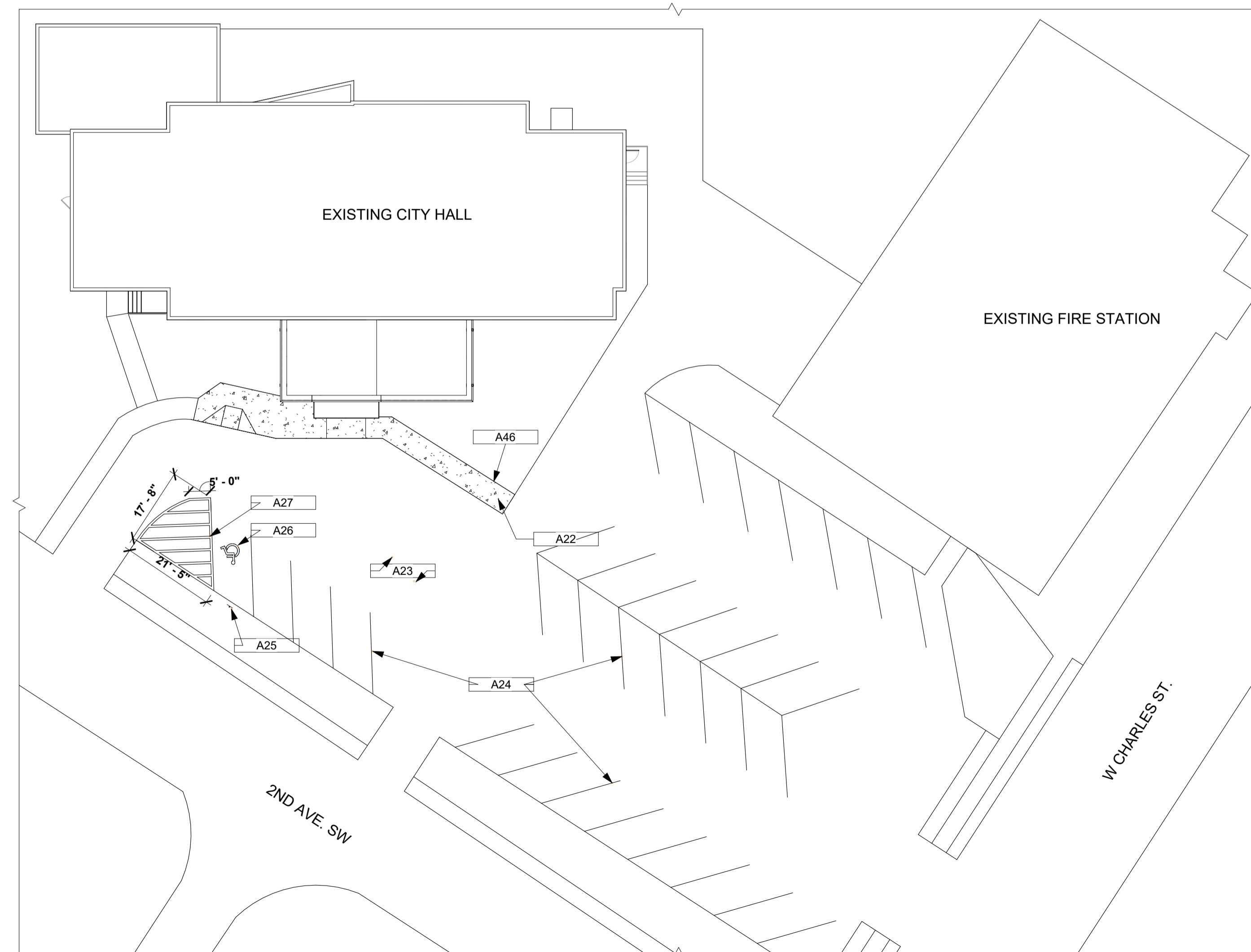
3 CURB DETAIL
C01 3/4" = 1'-0"



2 SIDEWALK DETAIL
C01 3/4" = 1'-0"

ARCHITECTURAL SITE PLAN NOTES:

1. GRADE ALL AREAS TO DRAIN WITHOUT PONDING.
2. SEE MECHANICAL/ELECTRICAL DRAWINGS FOR BUILDING UTILITIES CONNECTIONS AND SITE LIGHTING.
3. FINISH GRADE IS TO BE NOT LESS THAN 6" BELOW FLOOR LINE.
4. IF ANY UTILITIES OR STRUCTURES ARE DISCOVERED DURING EXCAVATION AND SITE GRADING NOT INDICATED ON THE DRAWINGS, CONTACT THE ARCHITECT IMMEDIATELY.
5. REMOVE MISC. SLABS, PIPES, ROCKS & OTHER FEATURES NO LONGER BEING USED. SEE SITE PLANS FOR FURTHER INFORMATION.
6. COORDINATE SHUT OFF UTILITIES AND STREET CLOSURES WITH ARCHITECT AND OWNER.
7. PROVIDE HANDICAPPED PARKING SIGNS ON POSTS AT EACH HANDICAPPED PARKING SPACE.
8. SEAL EXPANSION JOINTS IN SIDEWALKS WITH BACKER ROD AND PAVING JOINT SEALANT.
9. PROVIDE EROSION CONTROL FOR SITE WITH SILT FENCES, SETTLING BEDS, AND OTHER METHODS TO PREVENT EROSION INTO STREET. CONTRACTOR TO PAY FOR ALL EROSION CLEANUP REQUIRED.



SITE PLAN

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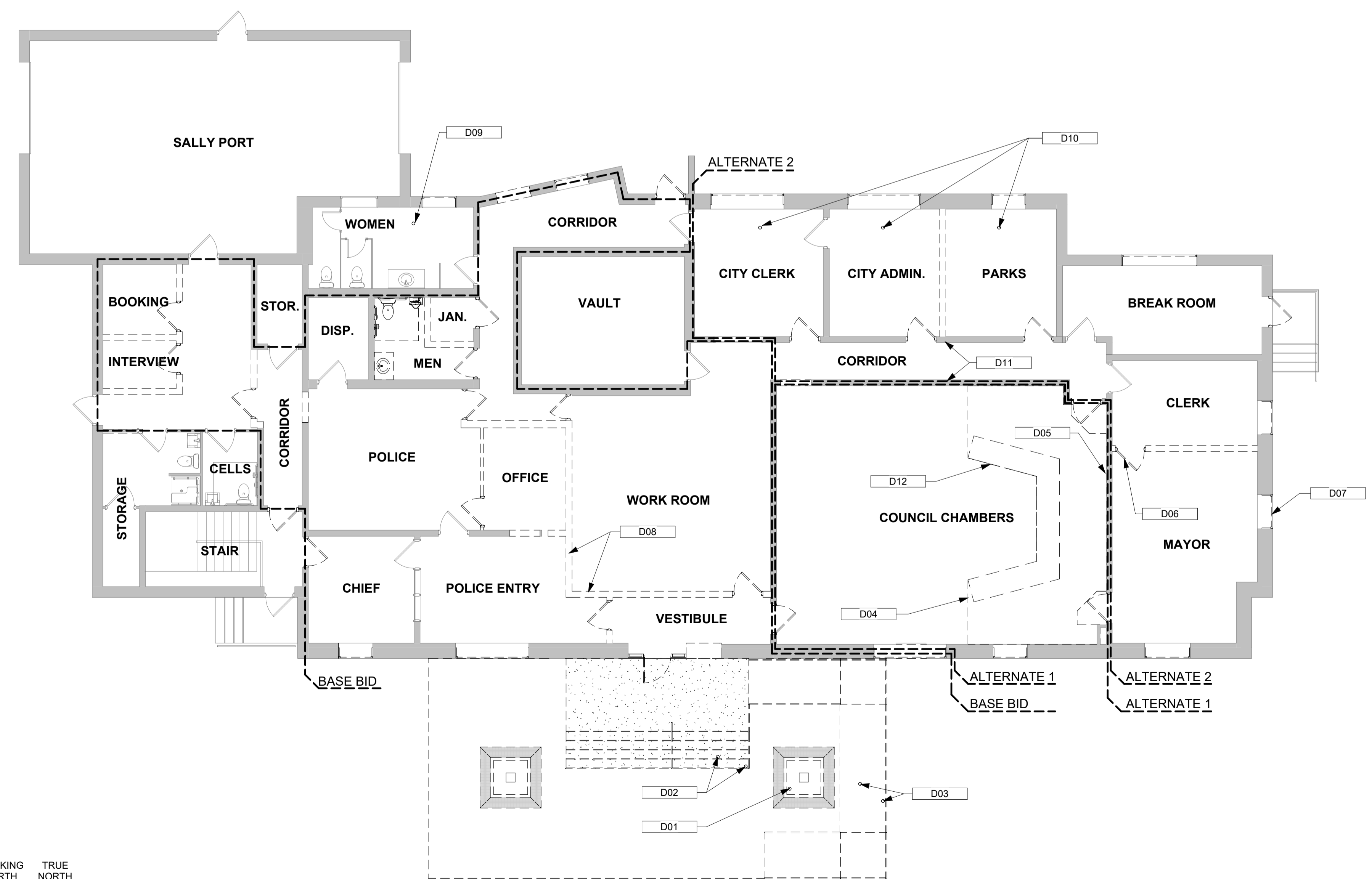
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C01
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DEMOLITION KEYNOTES	
KEY	KEYNOTE
D01	REMOVE EXISTING COLUMN, TYPICAL
D02	REMOVE EXISTING STAIRS AND HAND RAILS
D03	REMOVE EXISTING RAMP AND HAND RAIL
D04	REMOVE EXISTING RISER AND DESK
D05	REMOVE PANELING
D06	REMOVE DOOR AND FRAME, TYPICAL
D07	REMOVE EXISTING WINDOW SYSTEM, TYPICAL
D08	REMOVE EXISTING WALL, TYPICAL
D09	NO WORK TO RESTROOM
D10	REMOVE EXISTING WALL PANELING, SALVAGE FOR OWNER, TYPICAL
D11	EXISTING TO REMAIN
D12	SALVAGE DESK FOR REINSTALLATION

- DEMOLITION NOTES:
1. REMOVE ALL EXISTING CARPET TILE FLOORING UNLESS OTHERWISE NOTED. SALVAGE CARPET TO OWNER. COORDINATE.
 2. REMOVE ALL EXISTING ACOUSTIC CEILING TILE UNLESS OTHERWISE NOTED.
 3. REMOVE ALL ABANDONED WIRING UNLESS OTHERWISE NOTED, SEE ELECTRICAL DRAWINGS.
 4. REMOVE ALL EXISTING DUCTWORK UNLESS OTHERWISE NOTED, SEE MECHANICAL DRAWINGS.
 5. REMOVE ALL EXISTING FLUORESCENT LAYIN TROFFERS UNLESS OTHERWISE NOTED, SEE ELECTRICAL DRAWINGS.
 6. ALL ENTRY CANOPY STRUCTURE AND STAIR FOUNDATIONS SHALL BE REMOVED.

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WORKING NORTH TRUE NORTH
 MAIN FLOOR DEMOLITION PLAN
 1/8" = 1'-0"

DEMOLITION PLAN

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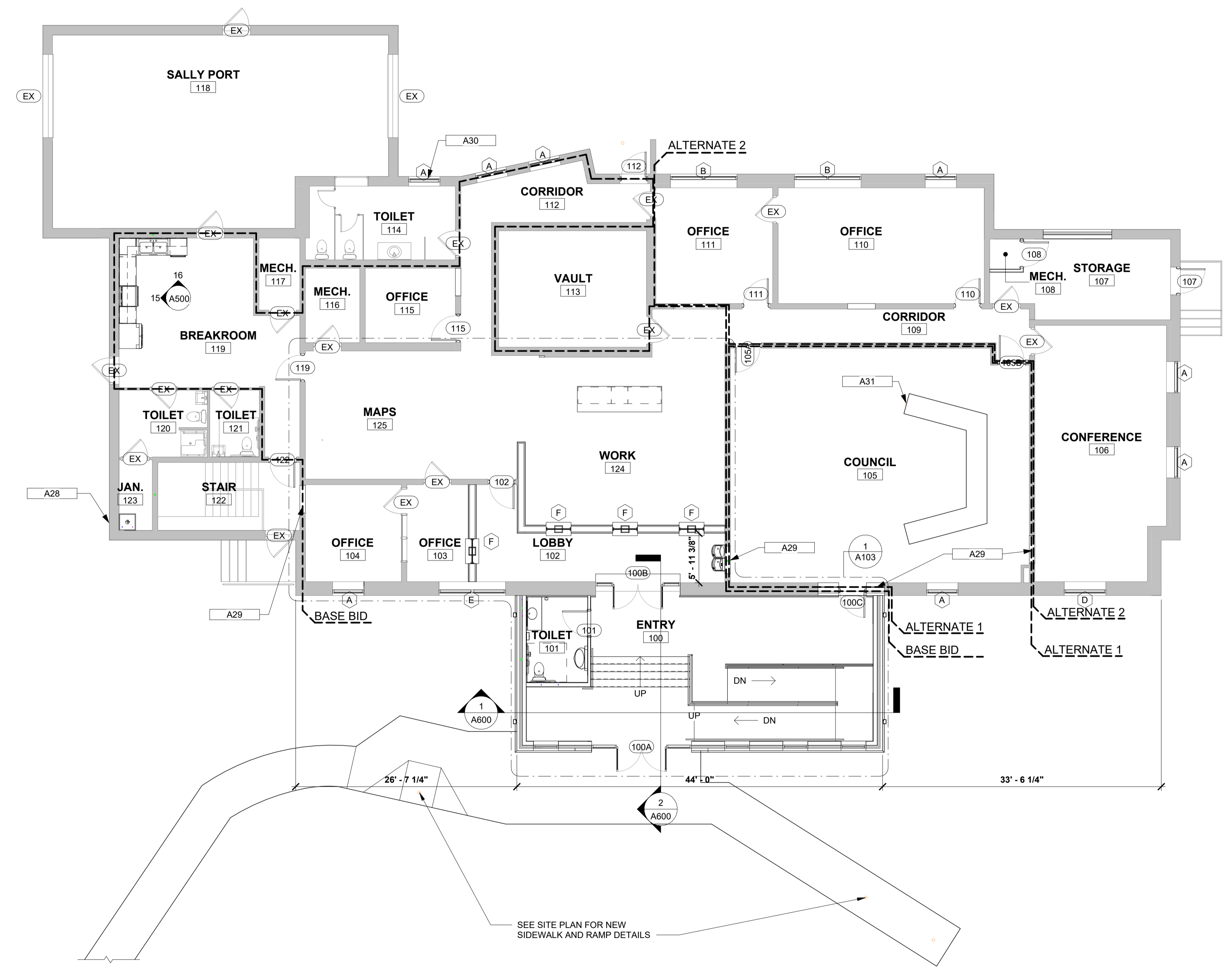
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A101
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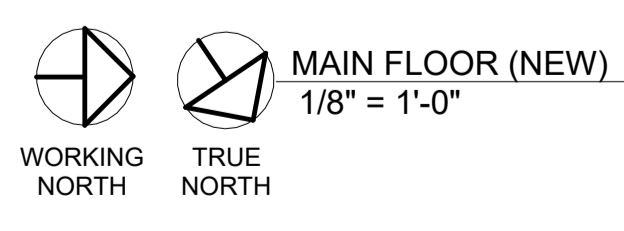
ARCHITECTURAL KEYNOTES	
KEY	KEYNOTE
A28	GRADING REQUIRED AWAY FROM BUILDING
A29	PATCH BACK EXISTING WALL WITH WOOD STUD FRAMING AND DRYWALL BOTH FACES. ENSURE FINISH IS FLUSH WITH EXISTING
A30	OBSCURED GLASS
A31	REINSTALL EXISTING COUNCIL TABLE. SEE ELECTRICAL DRAWINGS FOR NEW ELECTRICAL CONNECTIONS

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FLOOR PLAN NOTES:

1. ALL EXTERIOR DIMENSIONS ARE TO THE EXTERIOR FACE OF FRAMING, WHICH ALIGN TO THE EXTERIOR FACE OF FOUNDATION WALL.
2. ALL INTERIOR DIMENSIONS ARE TO FACE OF FRAMING.
3. ALL SILL PLATES AND OTHER FRAMING COMING INTO CONTACT WITH CONCRETE IS TO BE TREATED.
4. AT PIPE CHASES ON EXTERIOR WALLS, INSULATE BETWEEN PIPE AND EXTERIOR FACE. DO NOT INSULATE ON INTERIOR SIDE OF CHASE.
5. VERIFY ALL DUCT CHASES WITH MECHANICAL CONTRACTOR PRIOR TO CHASE CONSTRUCTION.
6. F.E. = FIRE EXTINGUISHERS. EXTINGUISHERS PROVIDED BY OWNER. CABINETS PROVIDE AND INSTALLED BY CONTRACTOR. COORDINATE LOCATIONS SHOWN ON FLOOR PLANS WITH ARCHITECT PRIOR TO INSTALLATION.
7. ALIGN EXTERIOR FACE OF NEW WINDOWS TO SAME LOCATION AS EXTERIOR FACE OF EXISTING WINDOWS



SEE SITE PLAN FOR NEW SIDEWALK AND RAMP DETAILS

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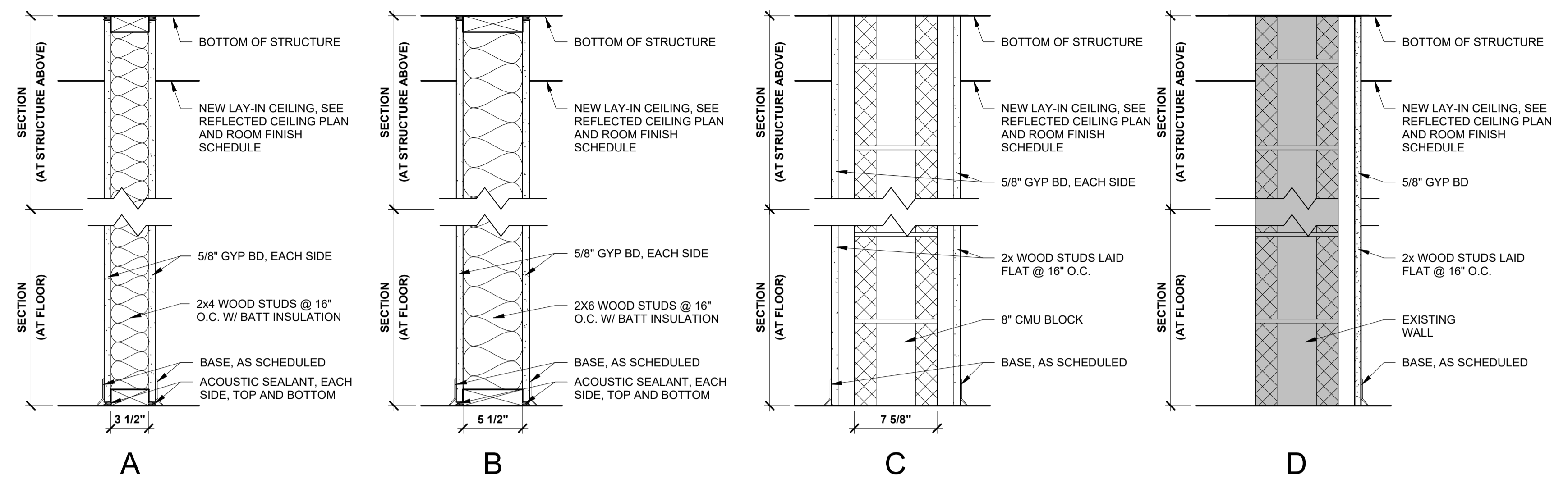
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A102
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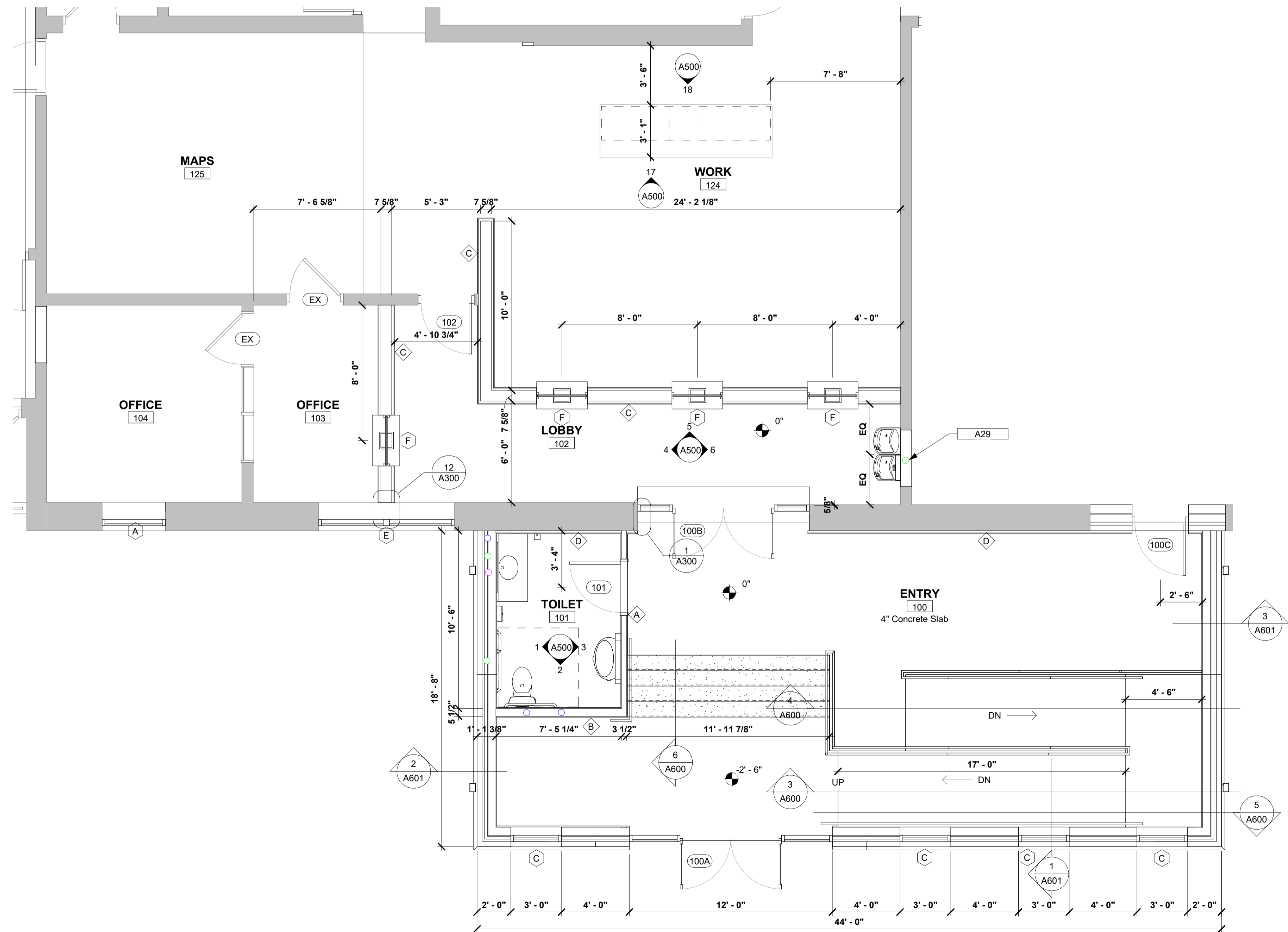
FLOOR PLAN

ARCHITECTURAL KEYNOTES

KEY	KEYNOTE
A29	PATCH BACK EXISTING WALL WITH WOOD STUD FRAMING AND DRYWALL BOTH FACES. ENSURE FINISH IS FLUSH WITH EXISTING



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



FLOOR PLAN NOTES:

- ALL EXTERIOR DIMENSIONS ARE TO THE EXTERIOR FACE OF FRAMING, WHICH ALIGN TO THE EXTERIOR FACE OF FOUNDATION WALL.
- ALL INTERIOR DIMENSIONS ARE TO FACE OF FRAMING.
- ALL SILL PLATES AND OTHER FRAMING COMING INTO CONTACT WITH CONCRETE IS TO BE TREATED.
- AT PIPE CHASES ON EXTERIOR WALLS, INSULATE BETWEEN PIPE AND EXTERIOR FACE. DO NOT INSULATE ON INTERIOR SIDE OF CHASE.
- VERIFY ALL DUCT CHASES WITH MECHANICAL CONTRACTOR PRIOR TO CHASE CONSTRUCTION.
- F.E. = FIRE EXTINGUISHERS. EXTINGUISHERS PROVIDED BY OWNER. CABINETS PROVIDE AND INSTALLED BY CONTRACTOR. COORDINATE LOCATIONS SHOWN ON FLOOR PLANS WITH ARCHITECT PRIOR TO INSTALLATION.
- ALIGN EXTERIOR FACE OF NEW WINDOWS TO SAME LOCATION AS EXTERIOR FACE OF EXISTING WINDOWS.

1 ENLARGED PLAN
A103 1/4" = 1'-0"

ENLARGED PLAN

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A103

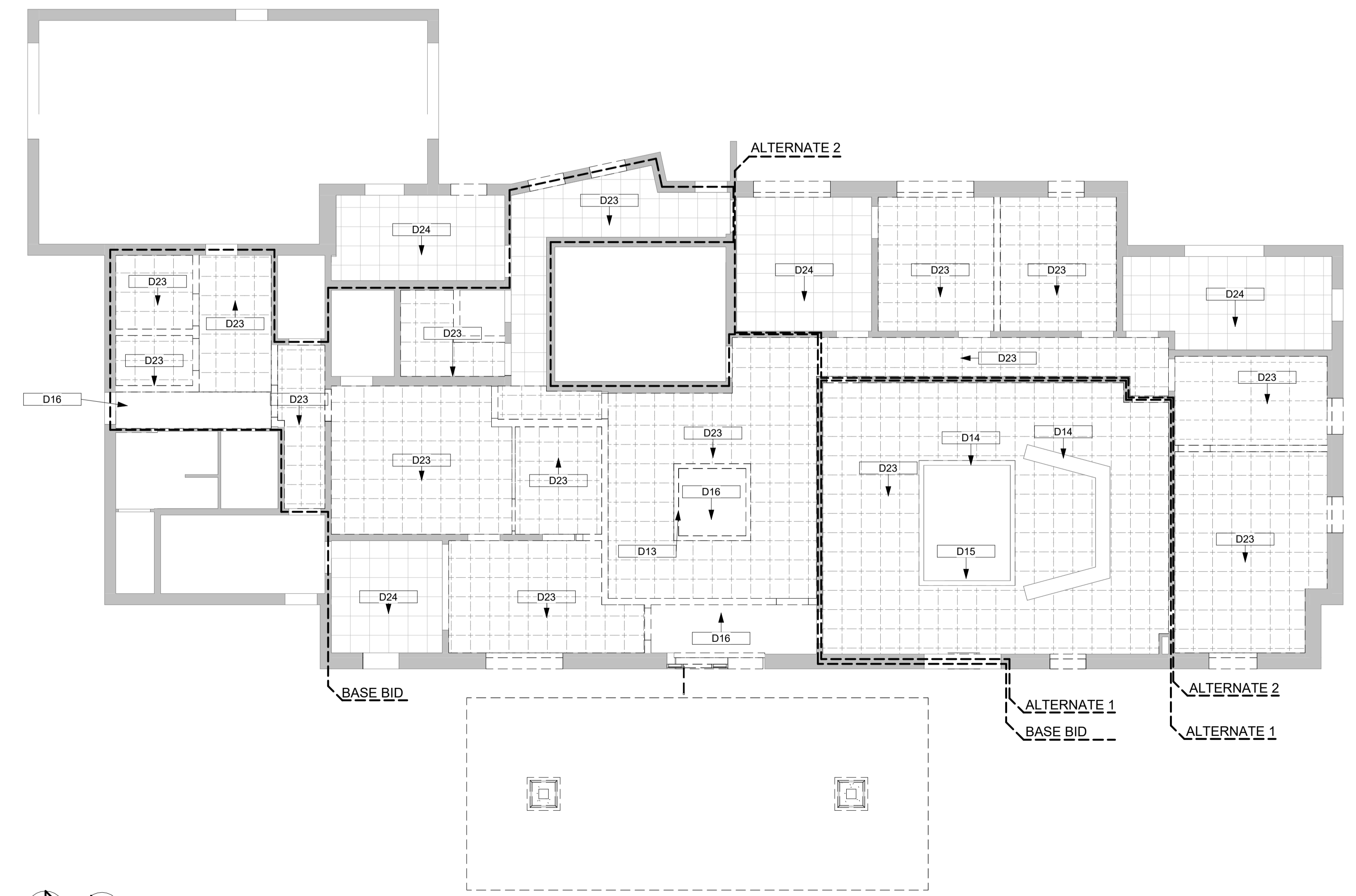
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DEMOLITION KEYNOTES	
KEY	KEYNOTE
D13	DRYWALL BULKHEAD TO BE DEMOLISHED
D14	DRYWALL BULKHEAD TO REMAIN, PROTECT
D15	DRYWALL CEILING TO REMAIN, PROTECT
D16	DRYWALL CEILING TO BE REMOVED, SEE REFLECTED CEILING PLAN FOR NEW FINISHES
D23	EXISTING ACT CEILING TO BE REMOVED
D24	EXISTING ACT CEILING TO REMAIN, PROTECT

RCP DEMOLITION NOTES:

1. REMOVE CEILING TILE AND GRID IN AREAS CALLED FOR DEMOLITION
2. SEE MECHANICAL & ELECTRICAL DRAWINGS & SPECS FOR INFORMATION.
3. REMOVE TRASH & DEBRIS FROM ALL AREAS OF THE BUILDING. THIS INCLUDES STUD SPACES & ATTICS OPENED DURING CONSTRUCTION.
4. WOOD WALLS - REMOVE ROTTED OR BROKEN AREAS OF SHEATHING AND FRAMING ALL AREAS WHERE SHEATHING OR FRAMING ARE TO BE REPLACED SHALL BE PHOTO DOCUMENTED.
5. REMOVE DEBRIS FROM THE SITE AS IT IS GENERATED. PROVIDE ON SITE DUMPSTERS OR OTHER CONTAINERS.
6. NOT ALL ITEMS FOR DEMOLITION, OR UNKNOWN CONDITIONS, CAN BE SHOWN OR NOTED FOR REMOVAL. QUESTIONS REGARDING REMOVAL SHALL BE DIRECTED TO THE ARCHITECT FOR RESOLUTION.
7. PATCH TO MATCH ADJACENT SURFACES AT DEMO AREAS WHERE INFILL IS REQUIRED UNLESS OTHERWISE NOTED IN ROOM FINISH SCHEDULE.



REFLECTED CEILING PLAN (DEMO) - BASE BID
 1/8" = 1'-0"
 WORKING NORTH TRUE NORTH

REFLECTED CEILING DEMOLITION PLAN

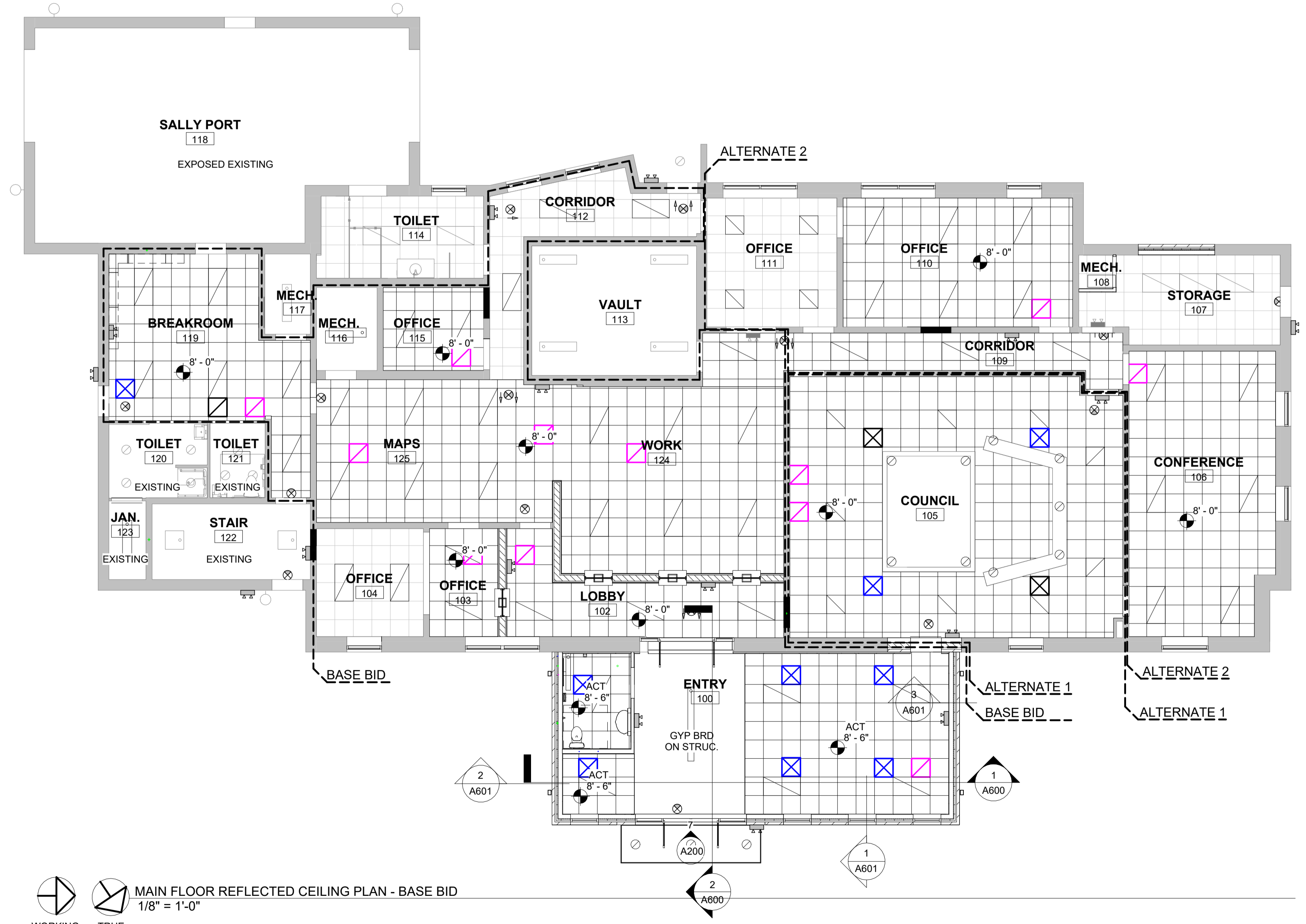
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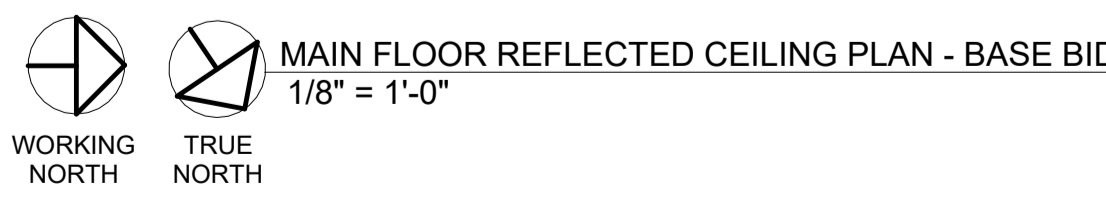
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- REFLECTED CEILING PLAN NOTES:**
1. VERIFY CEILING GRID LAYOUT WITH EXACT ROOM DIMENSIONS.
 2. AVOID CUT TILE SIZES LESS THAN 4"
 3. CONTRACTOR TO PATCH BACK AND PAINT ALL EXISTING GYP. BRD. BULKHEADS AND CEILINGS TO REMAIN.



REFLECTED CEILING PLAN

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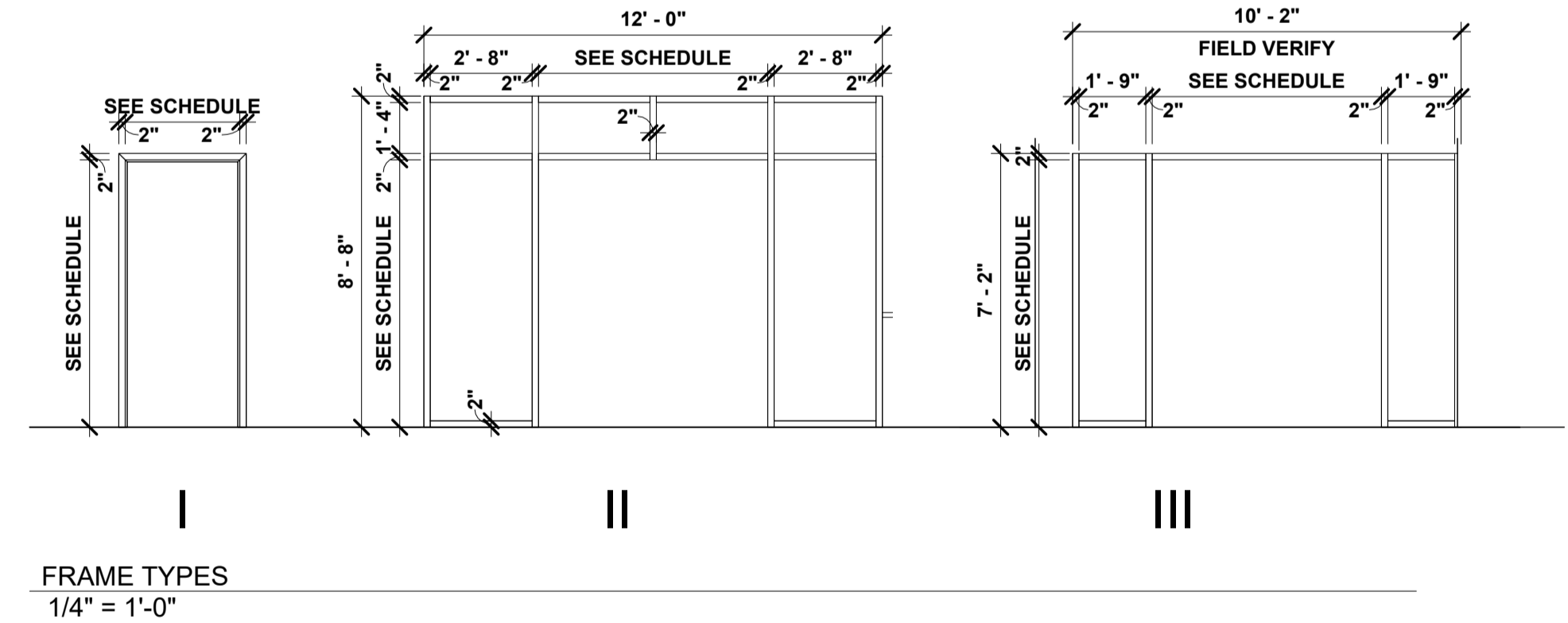
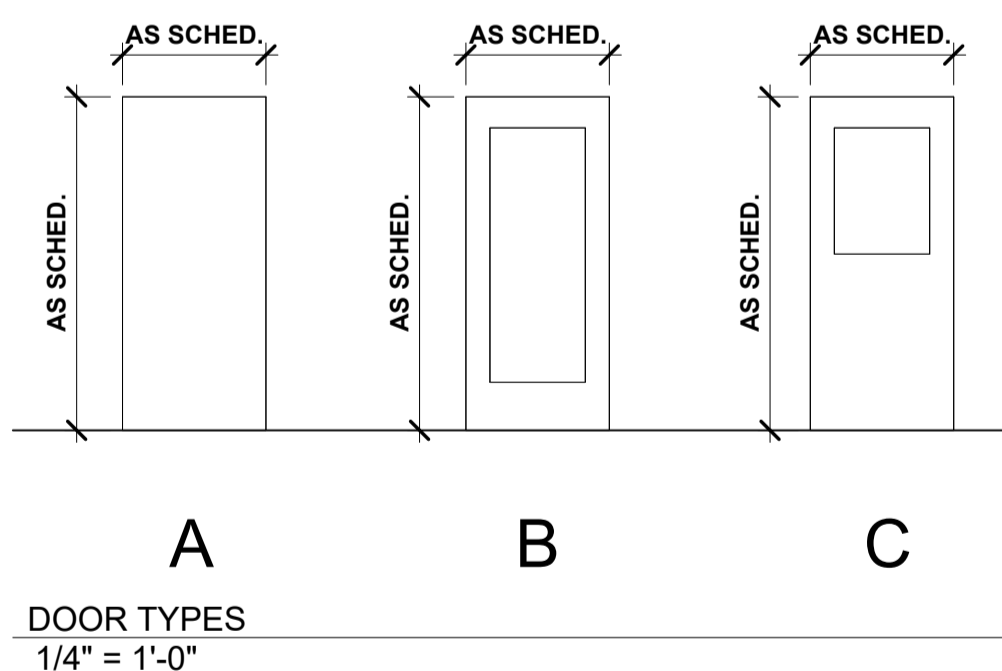
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ROOM FINISH SCHEDULE									
	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISHES				CEILING FINISH	NOTES
				NORTH	EAST	SOUTH	WEST		
100	ENTRY	LVT	VINYL	PAINT	PAINT	PAINT	PAINT	ACT/GYP BRD	
101	TOILET	LVT	VINYL	EPOXY PAINT	EPOXY PAINT	EPOXY PAINT	EPOXY PAINT	ACT	
102	LOBBY	LVT	VINYL	PAINT	PAINT	PAINT	PAINT	ACT	
103	OFFICE	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	ACT	
104	OFFICE	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	EX	
105	COUNCIL	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	ACT/GYP BRD	
106	CONFERENCE	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	ACT	
107	STORAGE	CONCRETE	---	PAINT	PAINT	PAINT	PAINT	EX	
108	MECH.	CONCRETE	---	PAINT	PAINT	PAINT	PAINT	---	
109	CORRIDOR	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	ACT	
110	OFFICE	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	ACT	
111	OFFICE	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	EX	
112	CORRIDOR	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	EX	
113	VAULT	LVT	VINYL	PAINT	PAINT	PAINT	PAINT	GYP BRD	
114	TOILET	LVT	VINYL	PAINT	PAINT	PAINT	PAINT	EX	
115	OFFICE	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	ACT	
116	MECH.	CONCRETE	---	PAINT	PAINT	PAINT	PAINT	---	
117	MECH.	CONCRETE	---	PAINT	PAINT	PAINT	PAINT	---	
118	SALLY PORT	EX	EX	EX	EX	EX	EX	EX	
119	BREAKROOM	LVT	VINYL	PAINT	PAINT	PAINT	PAINT	ACT	
120	TOILET	LVT	VINYL	EPOXY PAINT	EPOXY PAINT	EPOXY PAINT	EPOXY PAINT	EX	
121	TOILET	LVT	VINYL	EPOXY PAINT	EPOXY PAINT	EPOXY PAINT	EPOXY PAINT	EX	
122	STAIR	EX	EX	EX	EX	EX	EX	EX	
123	JAN.	CONCRETE	---	PAINT	PAINT	PAINT	PAINT	EX	
124	WORK	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	ACT	
125	MAPS	CARPET	VINYL	PAINT	PAINT	PAINT	PAINT	ACT	

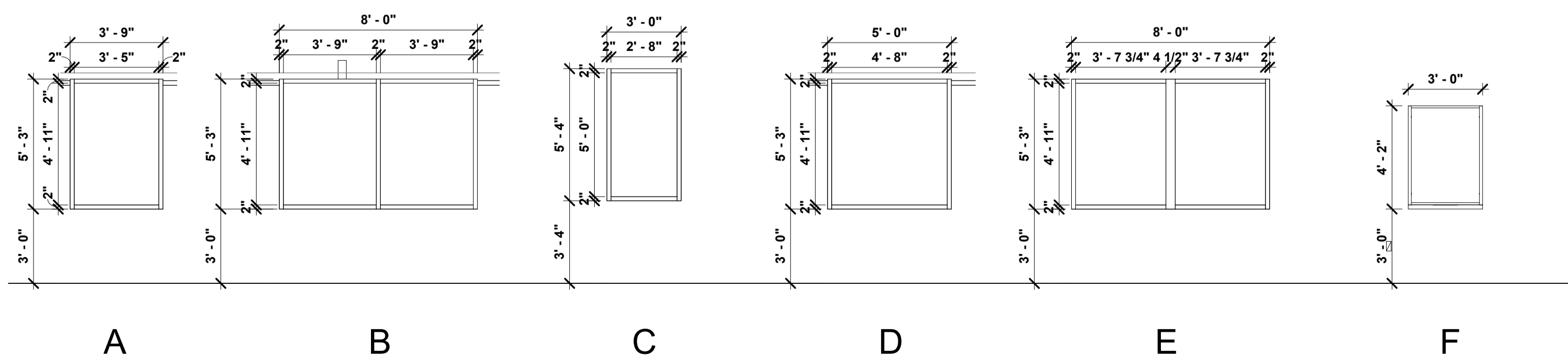
- ROOM FINISH NOTES:
- CONTRACTOR TO PATCH BACK NEW TO EXISTING WALL FINISHES TO MATCH EXISTING.
 - INSTALL TRANSITION STRIPS BETWEEN DISIMILAR FLOORING TYPES.
 - SALVAGE EXISTING CARPET TILE, VERIFY WITH OWNER.
 - CONTRACTOR TO INSTALL DRYWALL EXPANSION JOINTS AS REQUIRED IN NEW CONSTRUCTION, VERIFY FINAL PLACEMENT WITH ARCHITECT.

DOOR AND FRAME SCHEDULE														
DOOR NO.	DOOR						FRAME						FIRE LABEL	NOTES
	WIDTH	HEIGHT	THICK	MATERIAL	TYPE	GLASS	TYPE	MATERIAL	GLASS	HEAD	JAMB	SILL		
100A	6' - 0"	7' - 0"	1 3/4"	ALUMINUM	B	INSUL/TEMP	II	ALUMINUM	INSUL/TEMP	2/A300	6/A300	7/A300		
100B	6' - 0"	7' - 0"	1 3/4"	ALUMINUM	B	TEMP	III	ALUMINUM	TEMP	9/A300	1/A300	---		
100C	3' - 0"	7' - 0"	1 3/4"	WOOD	A	---	I	HOLLOW METAL	---	13/A300	14/A300	---		
101	3' - 0"	7' - 0"	1 3/4"	WOOD	A	---	I	HOLLOW METAL	---	10/A300	11/A300	---		
102	3' - 0"	7' - 0"	1 3/4"	WOOD	A	---	I	HOLLOW METAL	---	15/A300	16/A300	---		
105A	3' - 0"	7' - 0"	1 3/4"	WOOD	A	---	I	HOLLOW METAL	---	15/A300	16/A300	---		
105B	3' - 0"	7' - 0"	1 3/4"	WOOD	A	---	I	HOLLOW METAL	---	15/A300	16/A300	---		
107	3' - 0"	7' - 0"	1 3/4"	HOLLOW METAL	A	---	I	HOLLOW METAL	---	15/A300	14/A300	7/A300 SIM		
108	3' - 0"	7' - 0"	1 3/4"	WOOD	A	---	I	HOLLOW METAL	---	10/A300	11/A300	---		
110	3' - 0"	7' - 0"	1 3/4"	WOOD	C	TEMP	I	HOLLOW METAL	---	15/A300	16/A300	---		
111	3' - 0"	7' - 0"	1 3/4"	WOOD	C	TEMP	I	HOLLOW METAL	---	15/A300	16/A300	---		
112	3' - 0"	7' - 0"	1 3/4"	HOLLOW METAL	A	---	I	HOLLOW METAL	---	13/A300	14/A300	7/A300 SIM		
115	3' - 0"	7' - 0"	1 3/4"	WOOD	C	TEMP	I	HOLLOW METAL	---	15/A300	16/A300	---		
119	3' - 0"	7' - 0"	1 3/4"	WOOD	C	TEMP	I	HOLLOW METAL	---	15/A300	16/A300	---		
122	3' - 0"	7' - 0"	1 3/4"	WOOD	A	---	I	HOLLOW METAL	---	15/A300	16/A300	---		

- GENERAL DOOR AND FRAME NOTES:
- ALL EXTERIOR HOLLOW METAL DOORS AND FRAMES TO BE INSULATED GALVANIZED
 - ALL THRESHOLDS TO MEET THE AMERICANS WITH DISABILITIES ACT
 - OVERHEAD DOORS ARE TO BE HIGH-LIFT WHERE SIDE WALLS ARE TALL AND INSTALLED AS HIGH AS POSSIBLE IN ALL CASES EXCEPT WHERE NOTED.
 - SEE INTERIOR ELEVATIONS FOR TYPICAL CLEARANCES
 - PROVIDE CLOSERS, SWEEPS AND WEATHERSTRIPPING FOR ALL EXTERIOR DOORS
 - MATCH KEYWAY TO OWNER KEY SYSTEM.
 - FIELD VERIFY ALL CONDITIONS PRIOR TO ORDERING.
 - ALL GLAZING TO BE TEMPERED WHERE REQUIRED BY CODE.



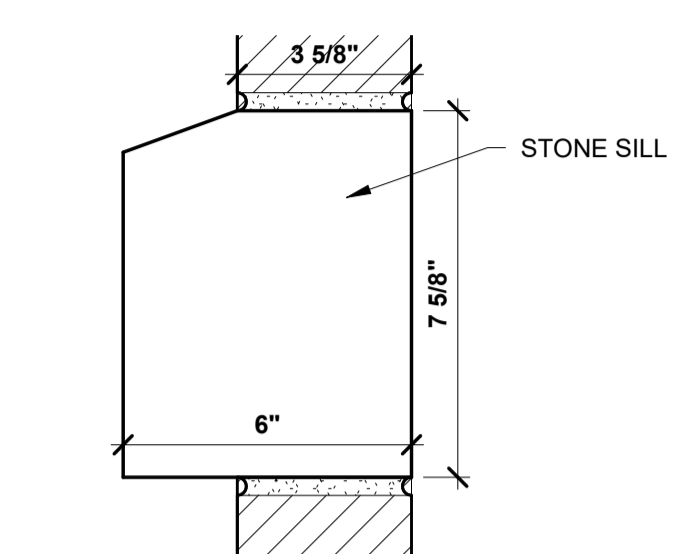
- WINDOW NOTES:
- PROVIDE SCREENS ON ALL OPERABLE UNITS.
 - ON EXTERIOR WINDOWS, PROVIDE HEAD FLASHING WITH END JAMBS.
 - PROVIDE TEMPERED GLAZING AT ALL LOCATIONS REQUIRED BY CODE.
 - PREPARE OPENINGS IN ACCORDANCE WITH BUILDING WRAP MANUFACTURER'S RECOMMENDATIONS.
 - FIELD VERIFY ALL WINDOW OPENINGS PRIOR TO FRAMINGS.



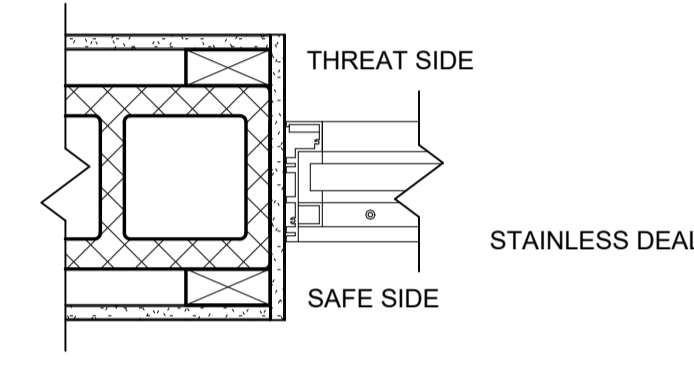
WINDOW TYPES NOTE: FIELD VERIFY ALL DIMENSIONS FOR EXTERIOR WINDOWS 1/4" = 1'-0"

ASSEMBLIES KEYNOTES	
KEY	KEYNOTE
AS04	BRICK, 1 3/4" AIR SPACE; 2" RIGID INSULATION; AIR BARRIER; 1/2" SHEATHING; 2X6 WOOD FRAMING @ 16" O.C.; 1" CLOSED CELL SPREAY FOAM; R-13 BATT INSULATION; 6 MIL. VAPOR BARRIER; 5/8" GYPSUM BOARD

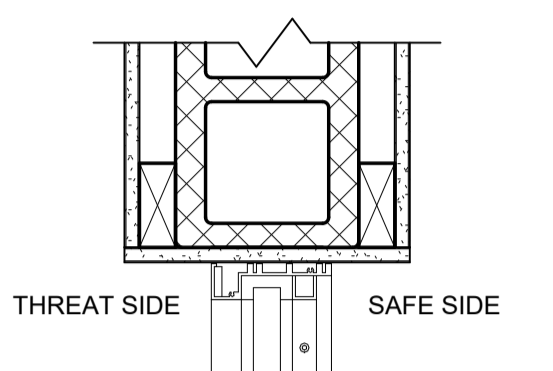
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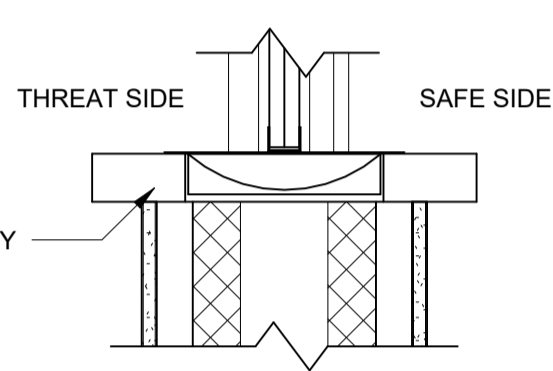
26 SILL DETAIL
A300 3" = 1'-0"



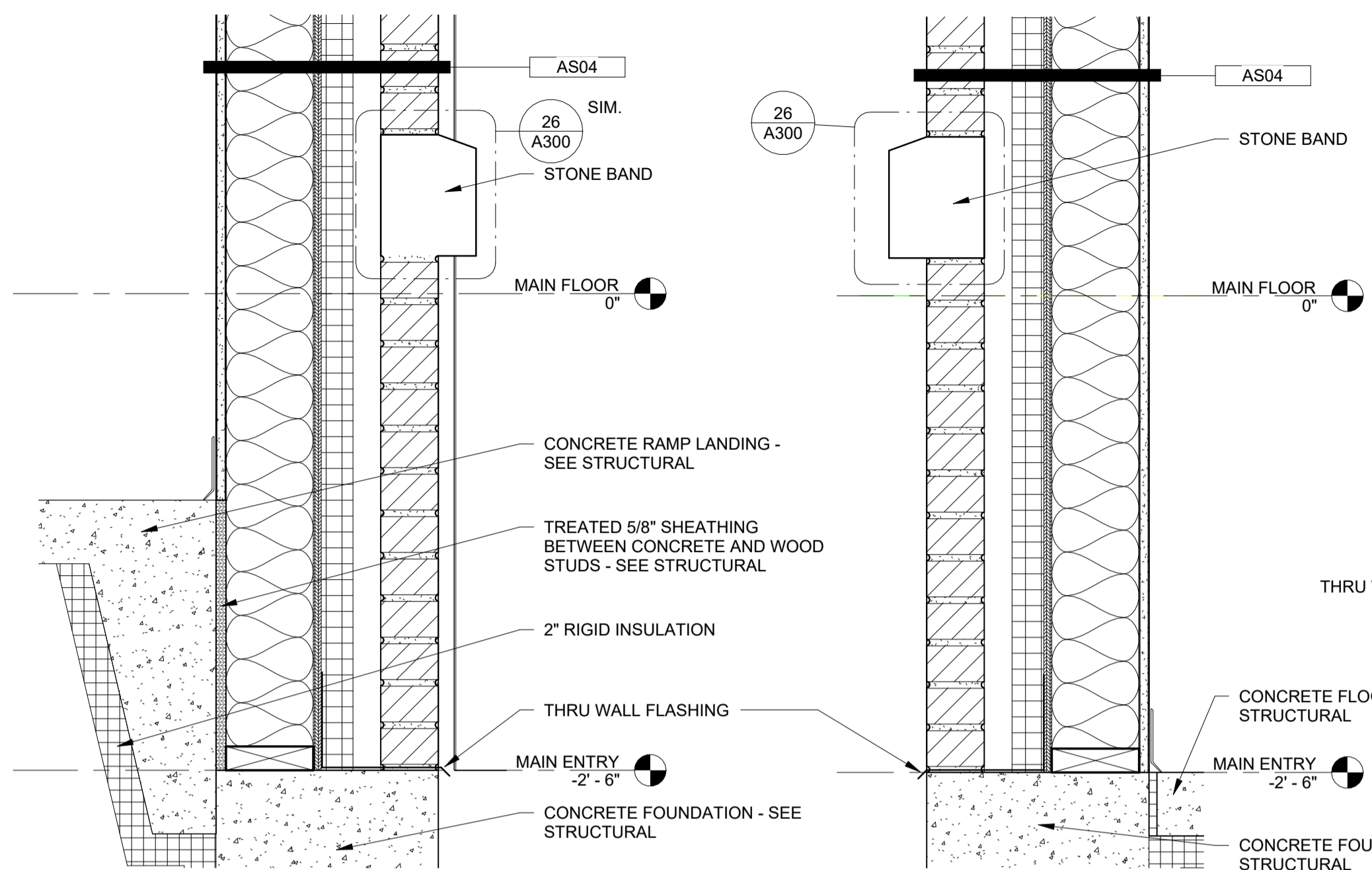
24 SILL DETAIL
A300 1 1/2" = 1'-0"



25 SILL DETAIL
A300 1 1/2" = 1'-0"

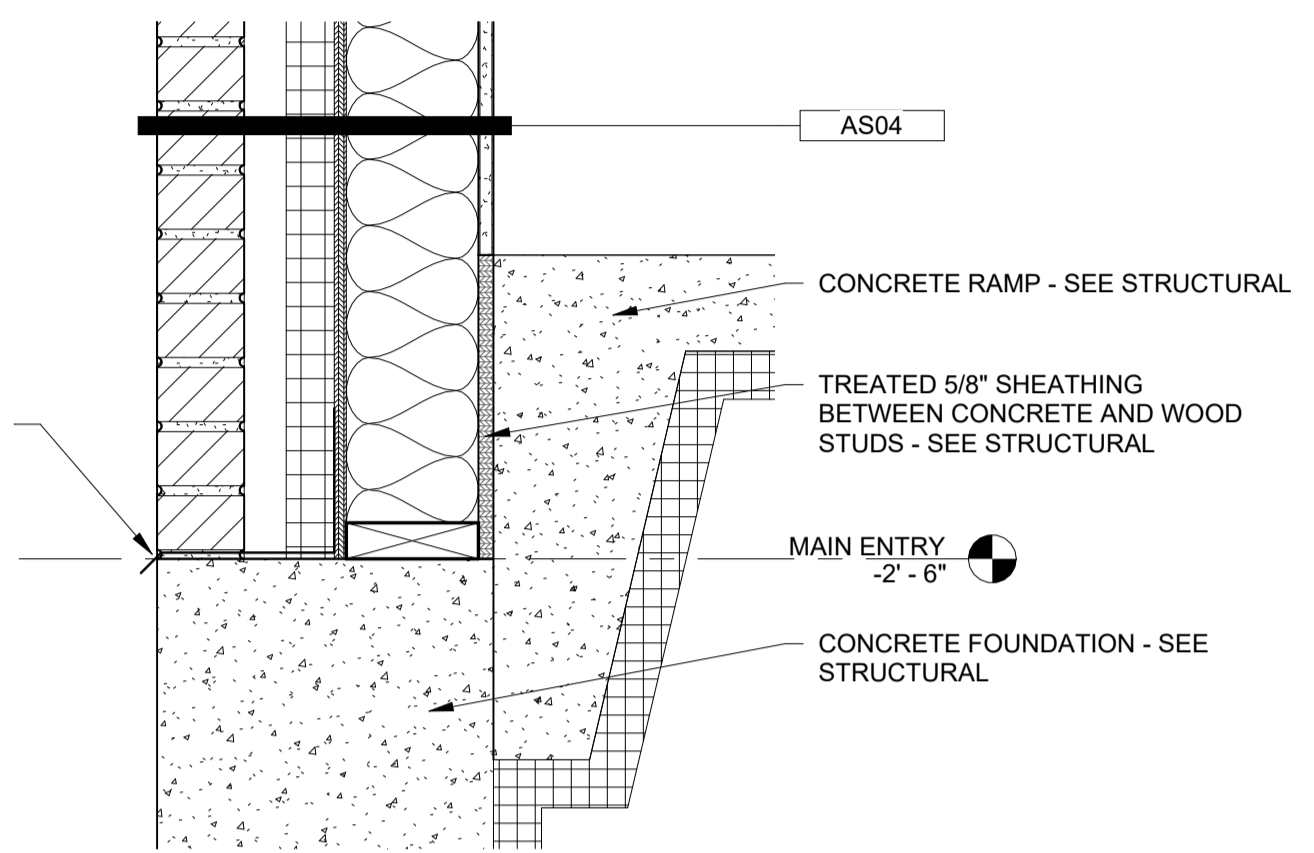


23 SILL DETAIL
A300 1 1/2" = 1'-0"

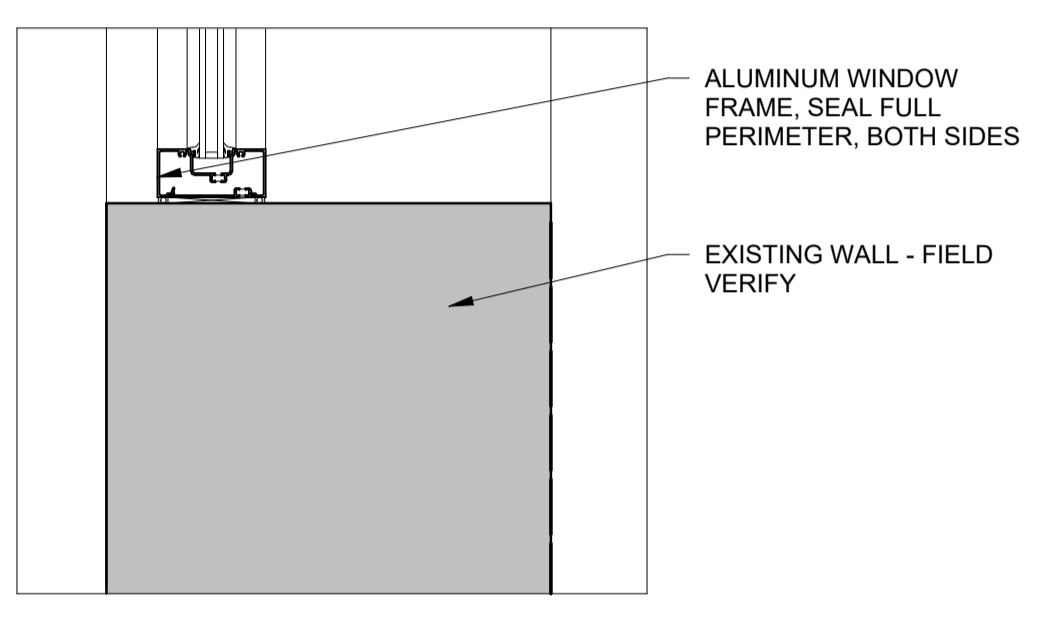


22 WALL DETAIL
A300 1 1/2" = 1'-0"

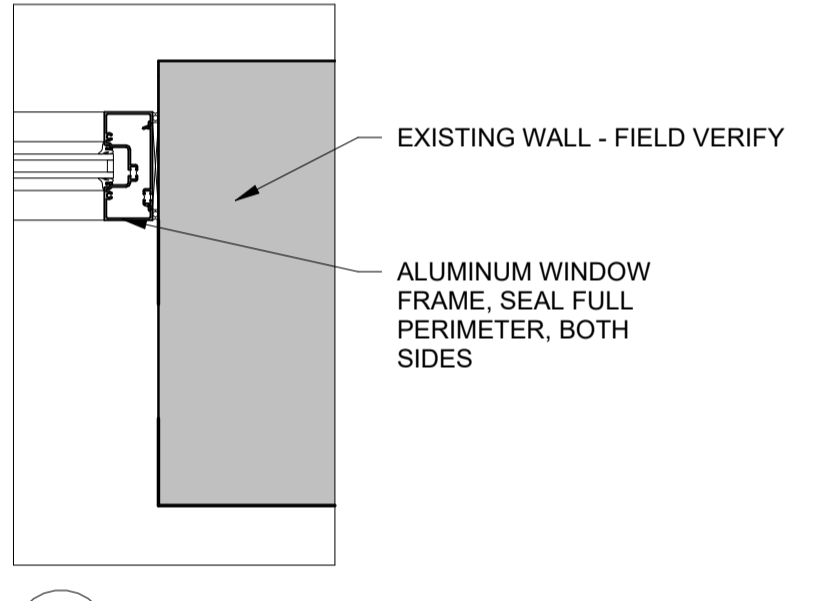
21 WALL DETAIL
A300 1 1/2" = 1'-0"



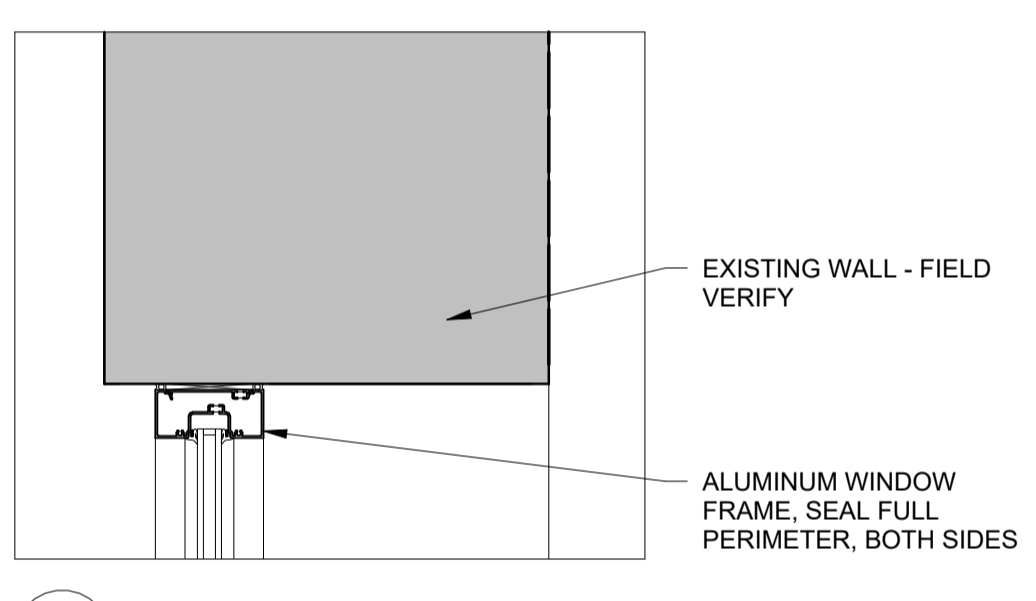
20 WALL DETAIL
A300 1 1/2" = 1'-0"



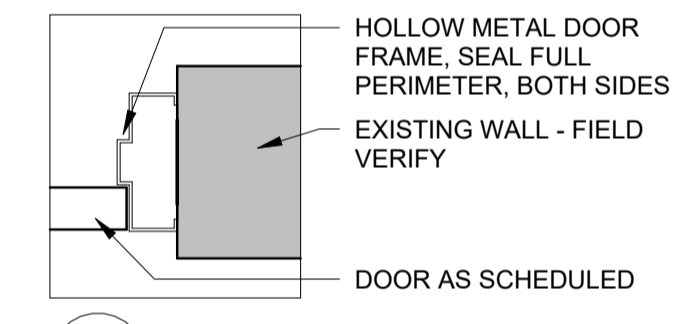
19 SILL DETAIL
A300 1 1/2" = 1'-0"



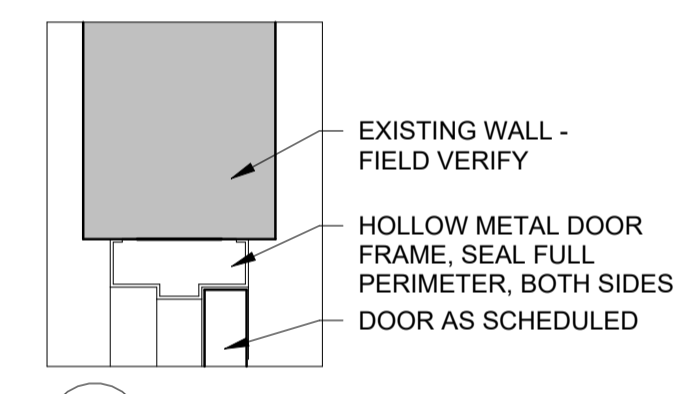
18 JAMB DETAIL
A300 1 1/2" = 1'-0"



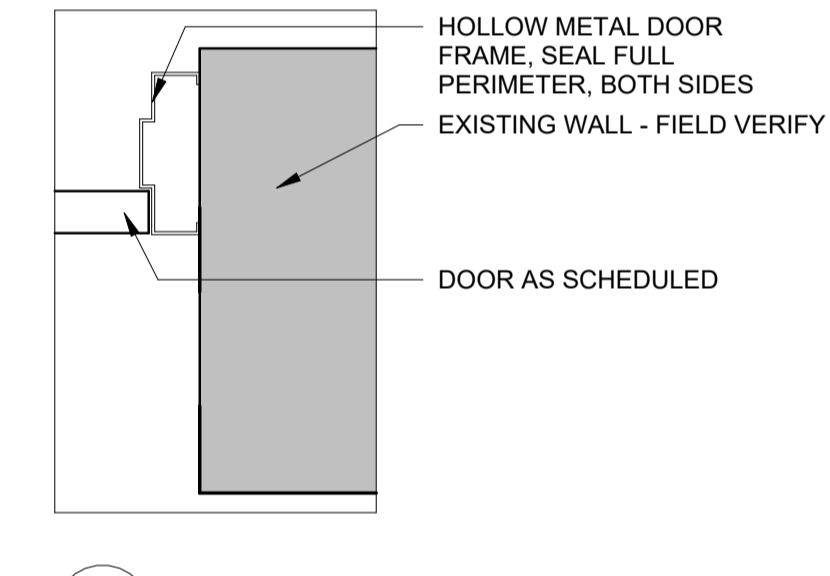
17 HEAD DETAIL
A300 1 1/2" = 1'-0"



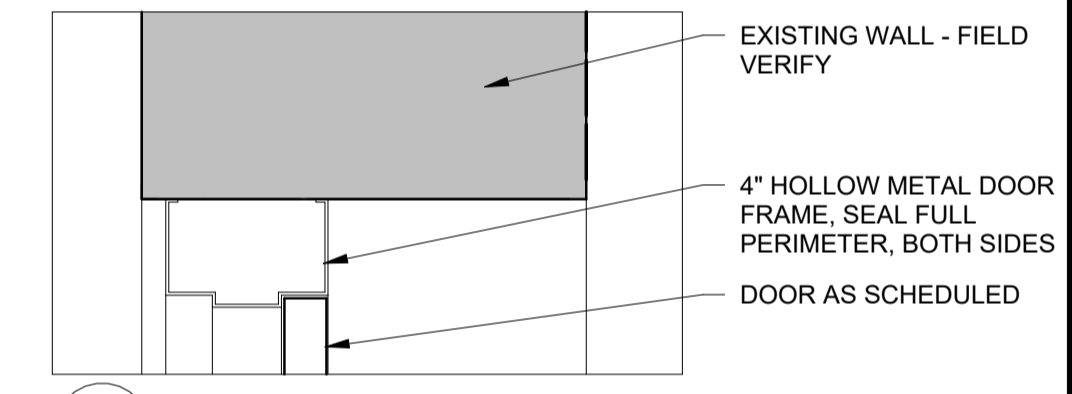
16 JAMB DETAIL
A300 1 1/2" = 1'-0"



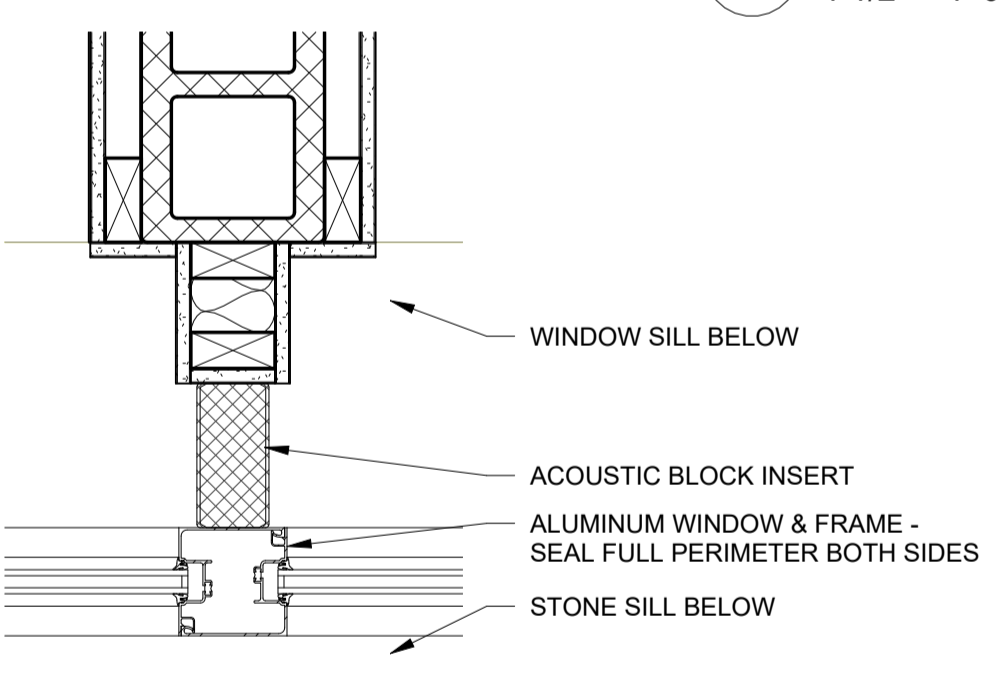
15 HEAD DETAIL
A300 1 1/2" = 1'-0"



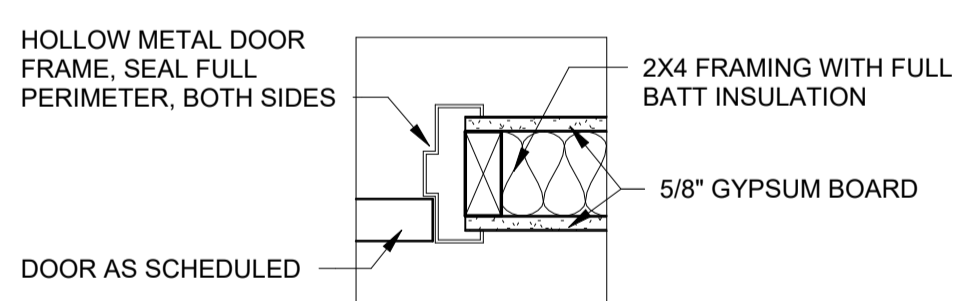
14 JAMB DETAIL
A300 1 1/2" = 1'-0"



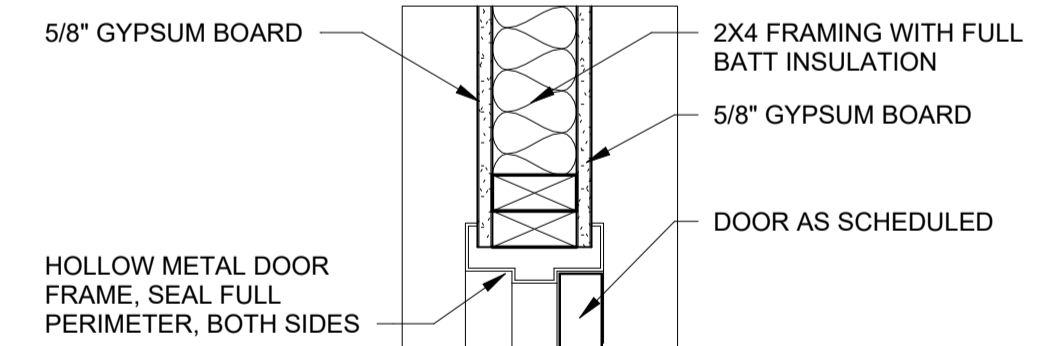
13 HEAD DETAIL
A300 1 1/2" = 1'-0"



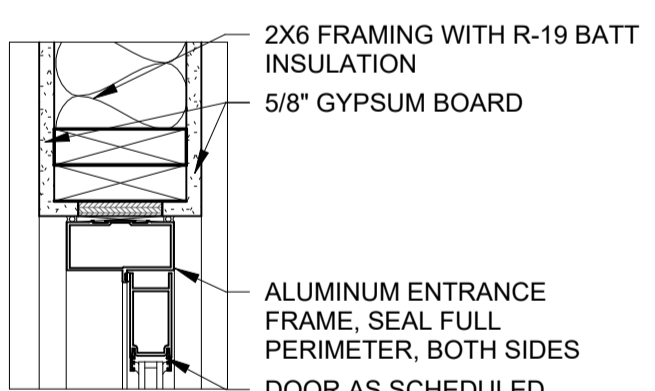
12 JAMB DETAIL
A300 1 1/2" = 1'-0"



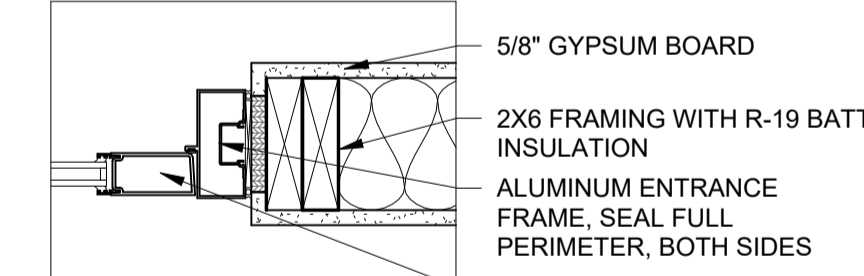
11 JAMB DETAIL
A300 1 1/2" = 1'-0"



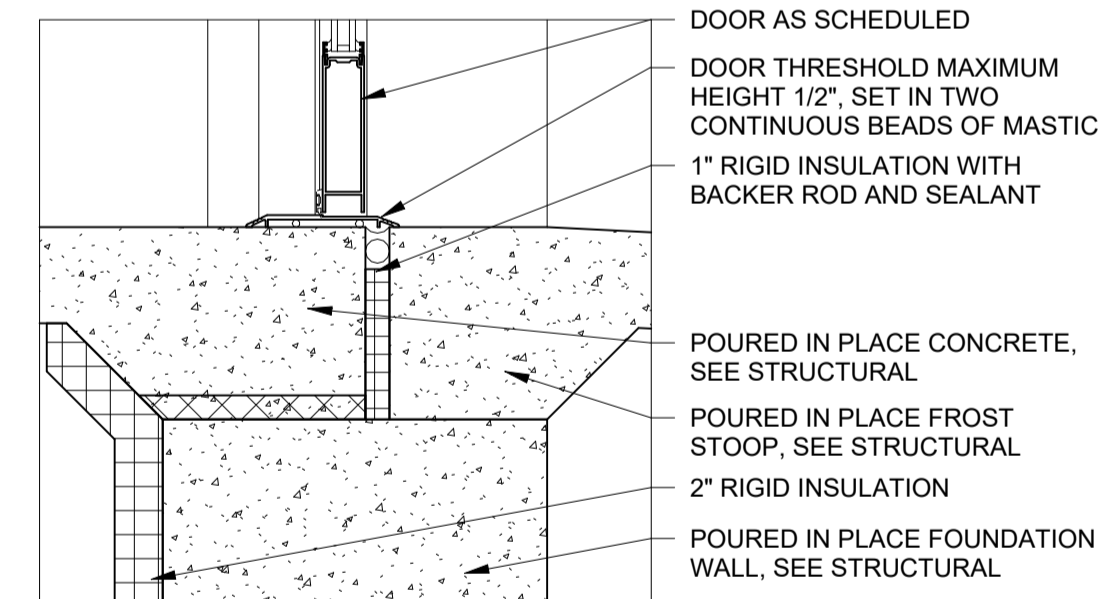
10 HEAD DETAIL
A300 1 1/2" = 1'-0"



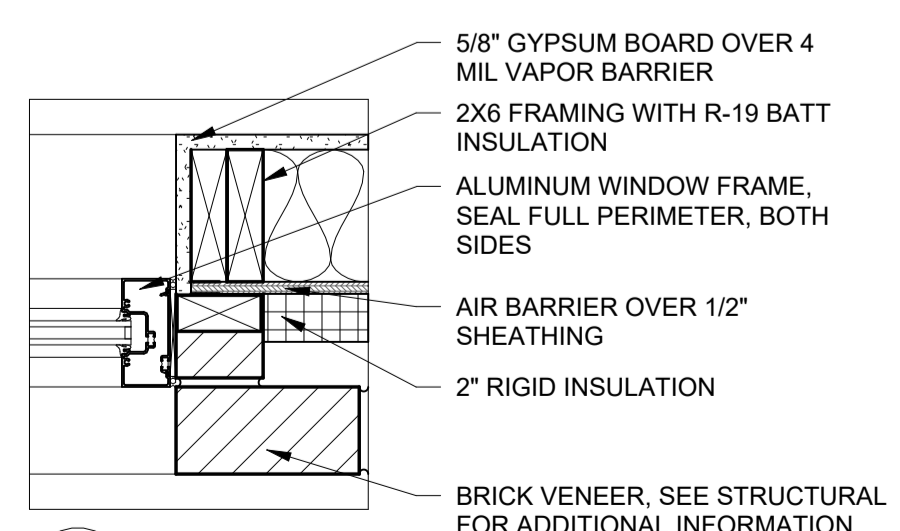
9 HEAD DETAIL
A300 1 1/2" = 1'-0"



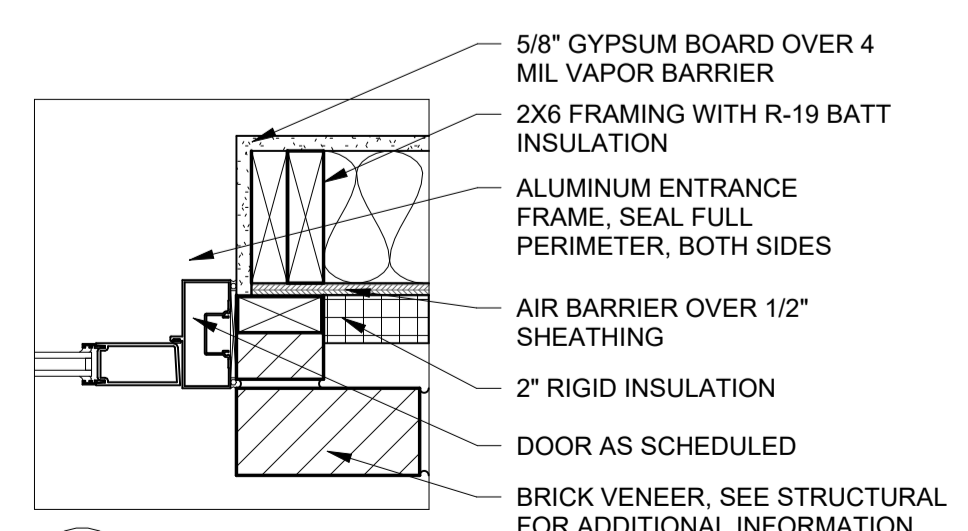
8 JAMB DETAIL
A300 1 1/2" = 1'-0"



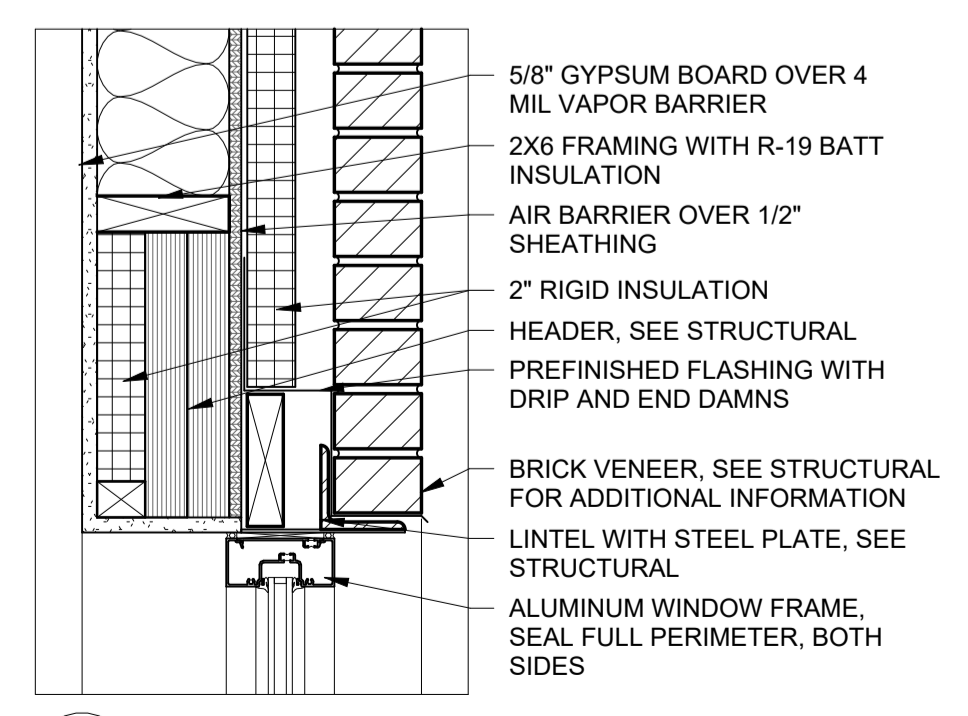
7 SILL DETAIL
A300 1 1/2" = 1'-0"



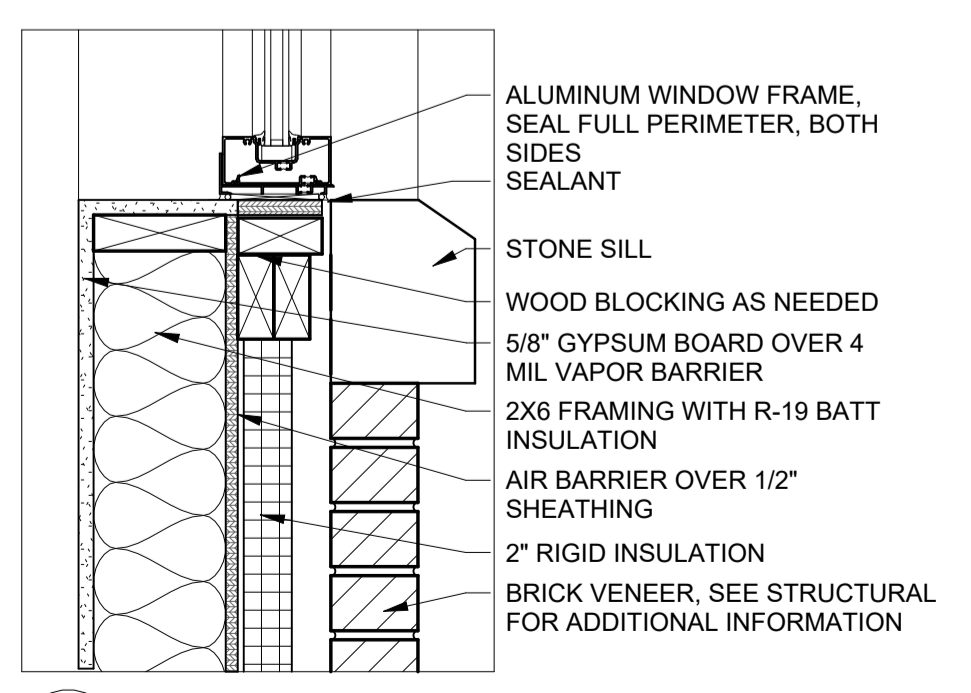
6 JAMB DETAIL
A300 1 1/2" = 1'-0"



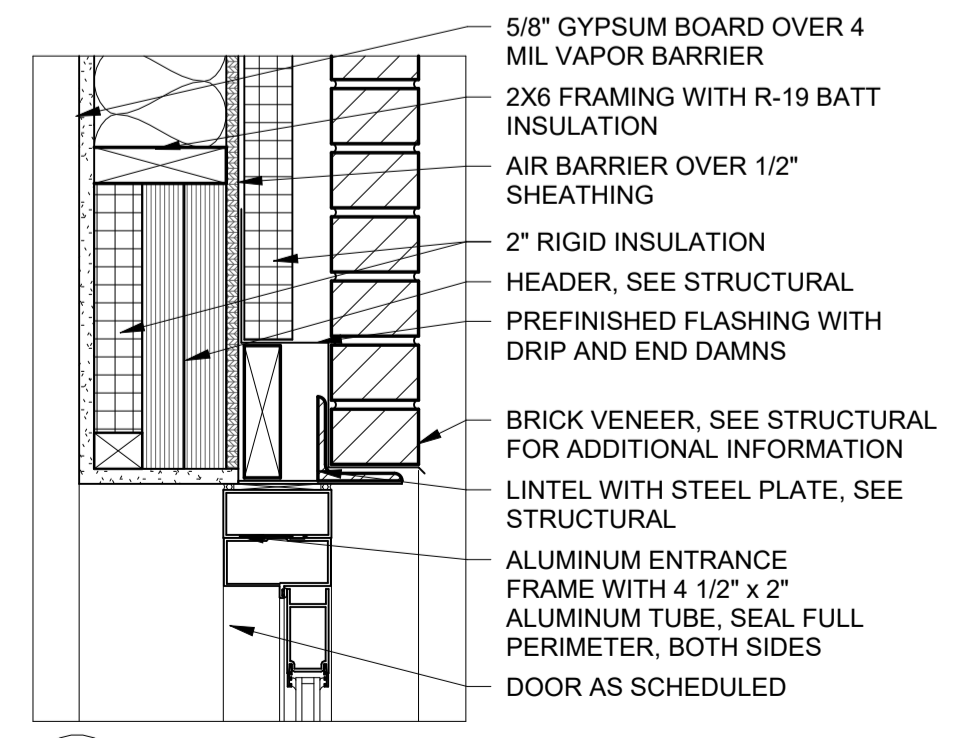
5 JAMB DETAIL
A300 1 1/2" = 1'-0"



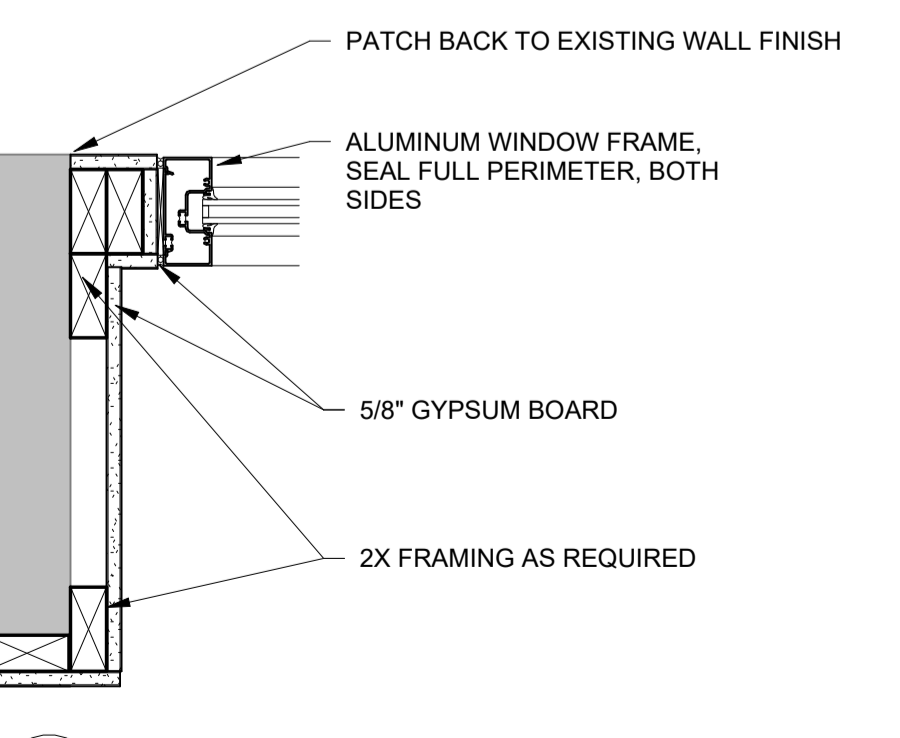
4 HEAD DETAIL
A300 1 1/2" = 1'-0"



3 SILL DETAIL
A300 1 1/2" = 1'-0"



2 HEAD DETAIL
A300 1 1/2" = 1'-0"



1 WALL DETAIL
A300 1 1/2" = 1'-0"

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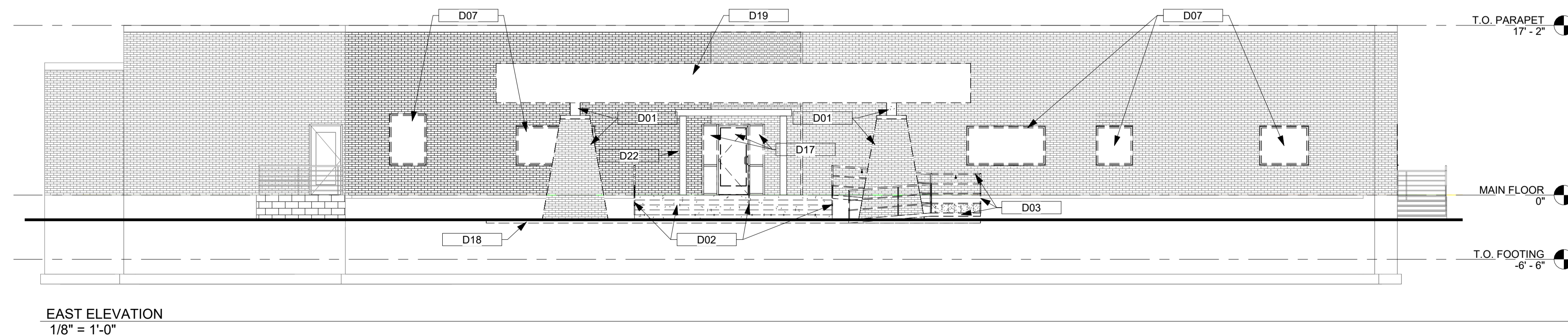
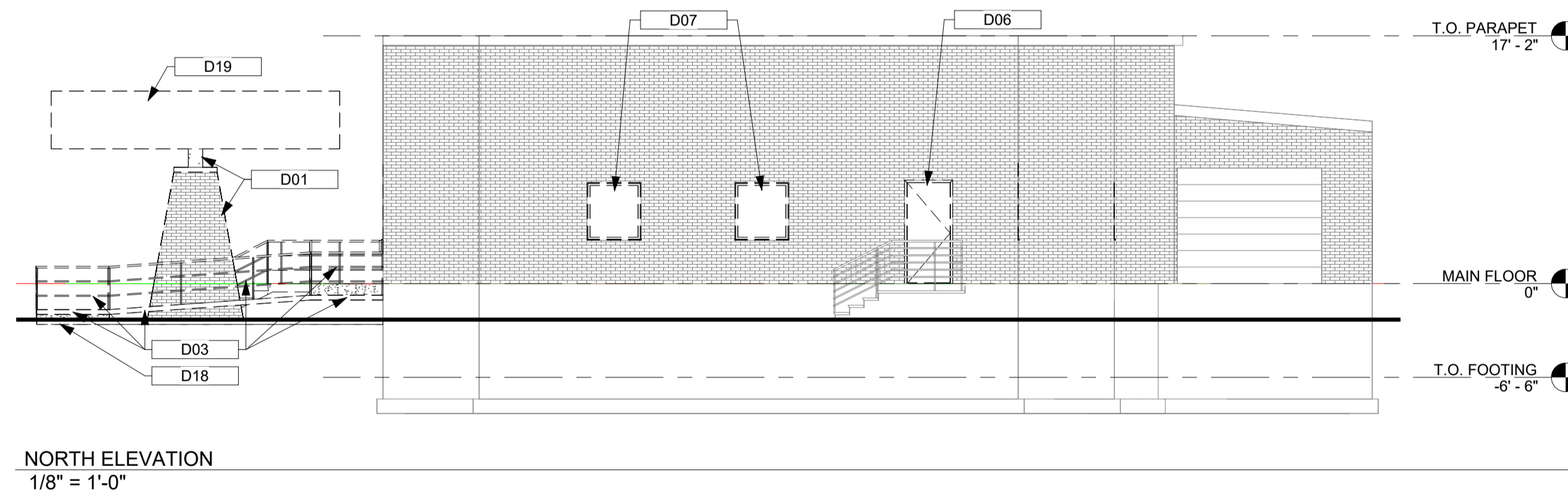
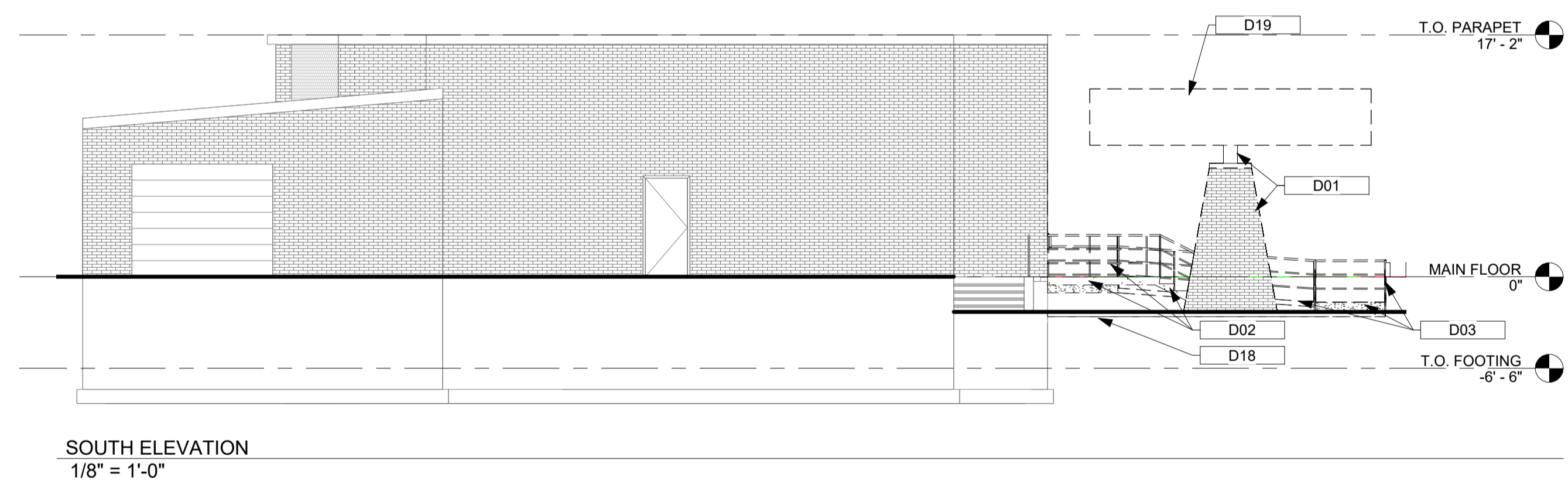
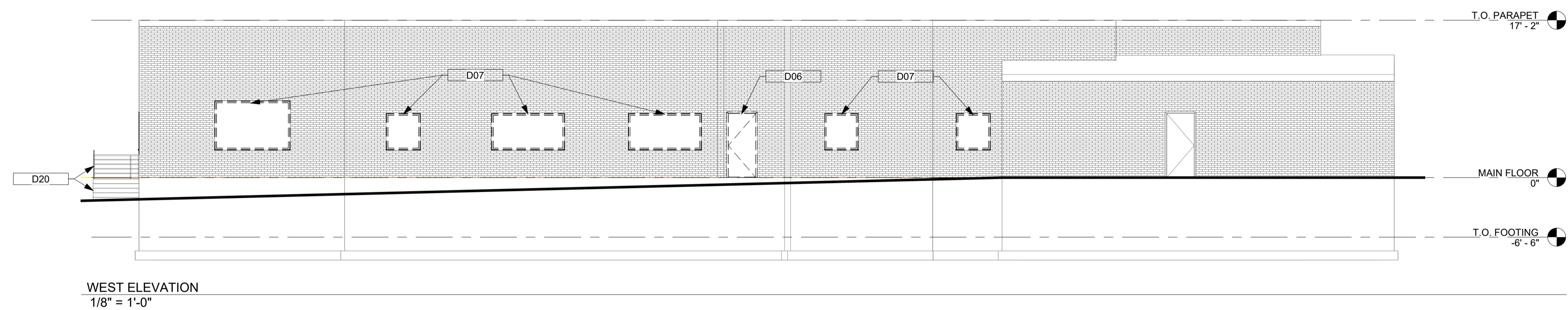
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DEMOLITION KEYNOTES

KEY	KEYNOTE
D01	REMOVE EXISTING COLUMN, TYPICAL
D02	REMOVE EXISTING STAIRS AND HAND RAILS
D03	REMOVE EXISTING RAMP AND HAND RAIL
D06	REMOVE DOOR AND FRAME, TYPICAL
D07	REMOVE EXISTING WINDOW SYSTEM, TYPICAL
D17	REMOVE EXISTING STOREFRONT DOOR, SIDELITES AND FRAME
D18	REMOVE EXISTING SLAB
D19	REMOVE EXISTING CANOPY
D20	EXISTING RAILING AND STAIRS TO REMAIN
D22	REMOVE CONCRETE COLUMN/ROOF STRUCTURE

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DEMOLITION NOTES:

- SEE MECHANICAL & ELECTRICAL DRAWINGS & SPECS FOR INFORMATION.
- REMOVE TRASH & DEBRIS FROM ALL AREAS OF THE BUILDING. THIS INCLUDES STUD SPACES & ATTICS OPENED DURING CONSTRUCTION.
- WHERE CONCRETE FLOORS AND ROOFS ARE TO BE REMOVED USE MOTOR DRIVEN SAW & REMOVE IN A STRAIGHT LINE.
- WOOD WALLS - REMOVE ROTTED OR BROKEN AREAS OF SHEATHING AND FRAMING ALL AREAS WHERE SHEATHING OR FRAMING ARE TO BE REPLACED SHALL BE PHOTO DOCUMENTED.
- REMOVE DEBRIS FROM THE SITE AS IT IS GENERATED. PROVIDE ON SITE DUMPSTERS OR OTHER CONTAINERS.
- TEMPORARY SUPPORTS - BEFORE REMOVING ANY BEARING WALLS, COLUMNS, BEAMS OR OTHER FEATURES MAKE PROVISIONS FOR TEMPORARY SHORING.
- NOT ALL ITEMS FOR DEMOLITION, OR UNKNOWN CONDITIONS, CAN BE SHOWN OR NOTED FOR REMOVAL. QUESTIONS REGARDING REMOVAL SHALL BE DIRECTED TO THE ARCHITECT FOR RESOLUTION.
- REMOVE ALL FLOORING IN AREAS TO BE RENOVATED UNLESS OTHERWISE NOTED IN ROOM FINISH SCHEDULE.
- PATCH TO MATCH ADJACENT SURFACES AT DEMO AREAS WHERE INFILL IS REQUIRED UNLESS OTHERWISE NOTED IN ROOM FINISH SCHEDULE.
- DO NOT OPERATE SPARK OR FLAME PRODUCING EQUIPMENT WITHOUT EXPRESS KNOWLEDGE AND CONSENT OF GENERAL CONTRACTOR.
- SEE REFLECTED CEILING PLAN FOR CEILING REMOVAL AND ROOF PLAN FOR NEW ROOF PENETRATIONS FOR MECHANICAL UNITS.

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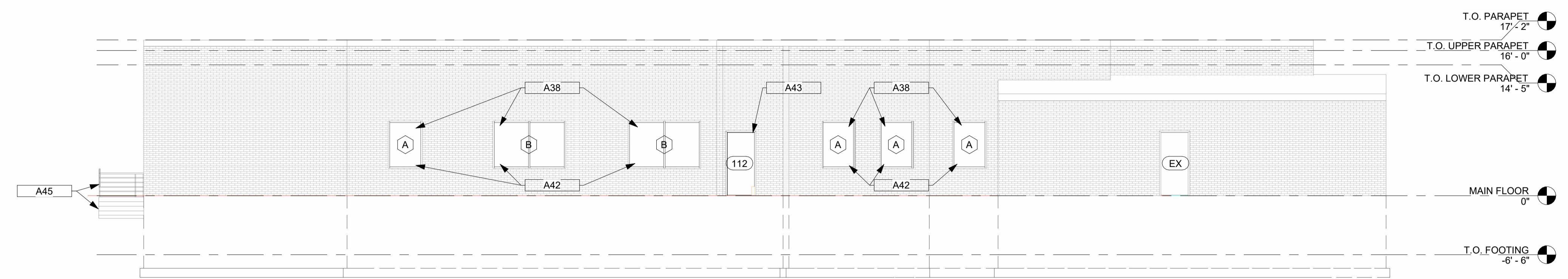
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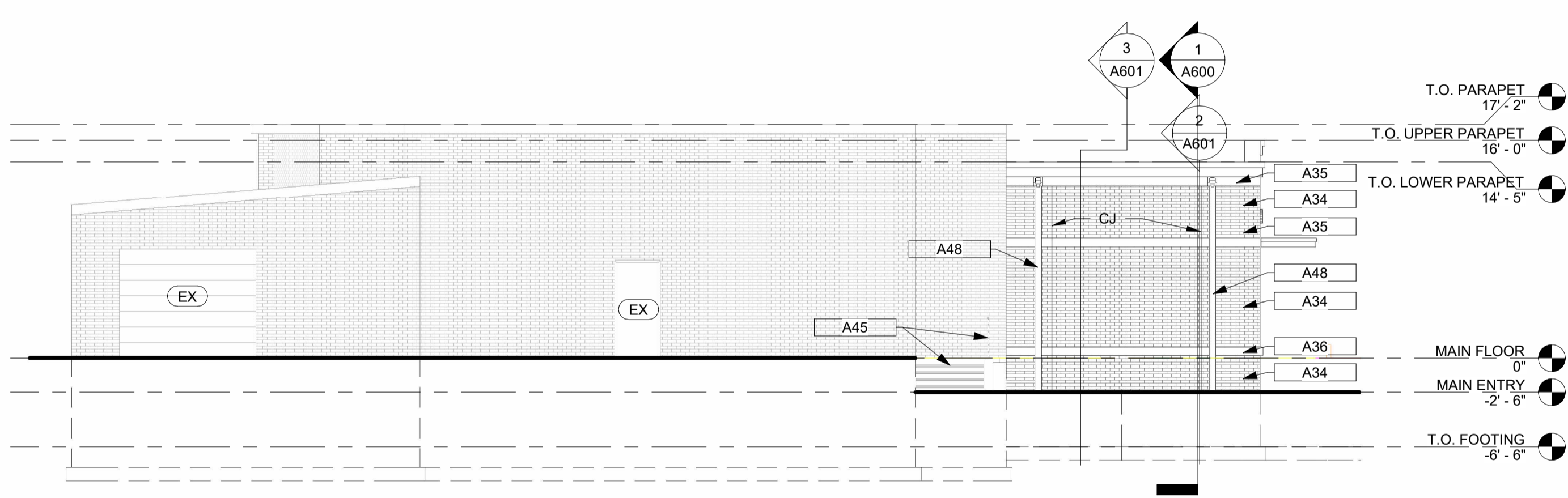
ELEVATIONS (DEMO)

ARCHITECTURAL KEYNOTES	
KEY	KEYNOTE
A34	BRICK - COLOR #1
A35	BRICK SOLDIER COURSE - BRICK COLOR #2
A36	STONE WAINSCOT
A37	BRICK - COLOR #2
A38	HEAD DETAIL: 17/A300; JAMB DETAIL: 18/A300; SILL DETAIL: 19/A300
A39	HEAD DETAIL: 17/A300; JAMB DETAIL: 12/A300 & 18/A300; SILL DETAIL: 19/A300
A40	HEAD DETAIL: 4/A300; JAMB DETAIL: 6/A300; SILL DETAIL: 3/A300
A41	NEW BUILDING SIGNAGE
A42	NEW ALUMINUM WINDOW SYSTEM, SEE SCHEDULES
A43	NEW HOLLOW METAL DOOR AND FRAME, SEE SCHEDULES
A44	NEW ALUMINUM ENTRY SYSTEM, SEE SCHEDULES
A45	EXISTING RAILING AND STAIRS TO REMAIN
A48	PREFINISHED 4x6 DOWNSPOUT WITH SCUPPER COLLECTION BOX, PROVIDE PRECAST CONCRETE SPLASH BLOCK

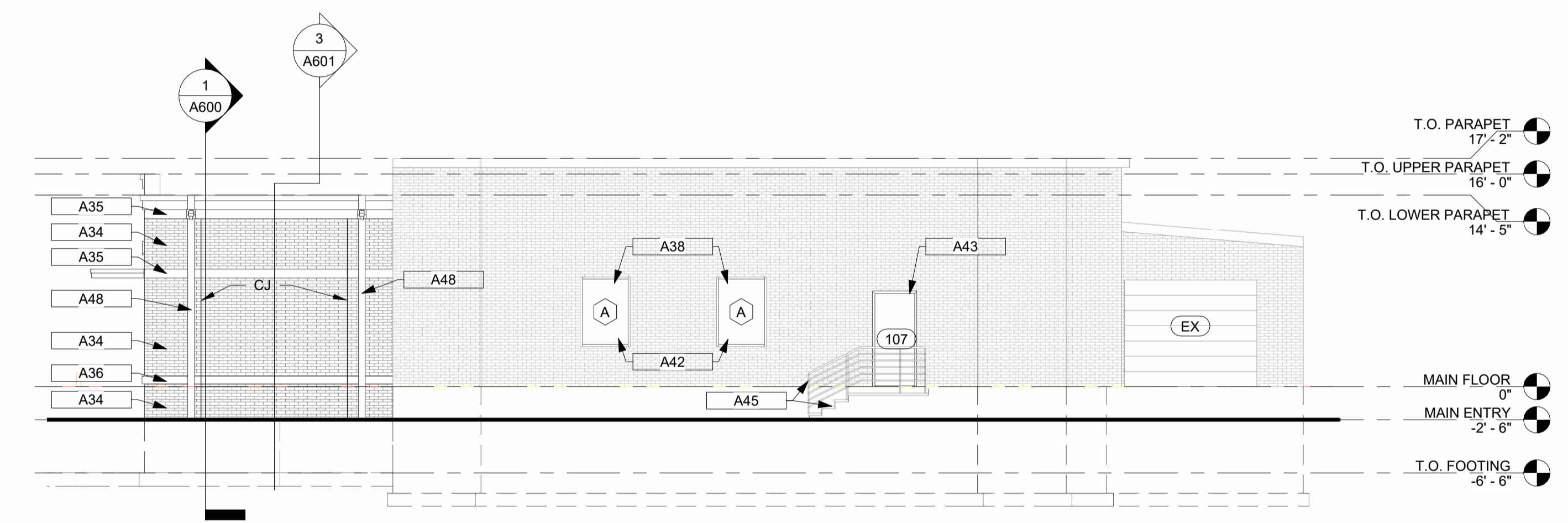
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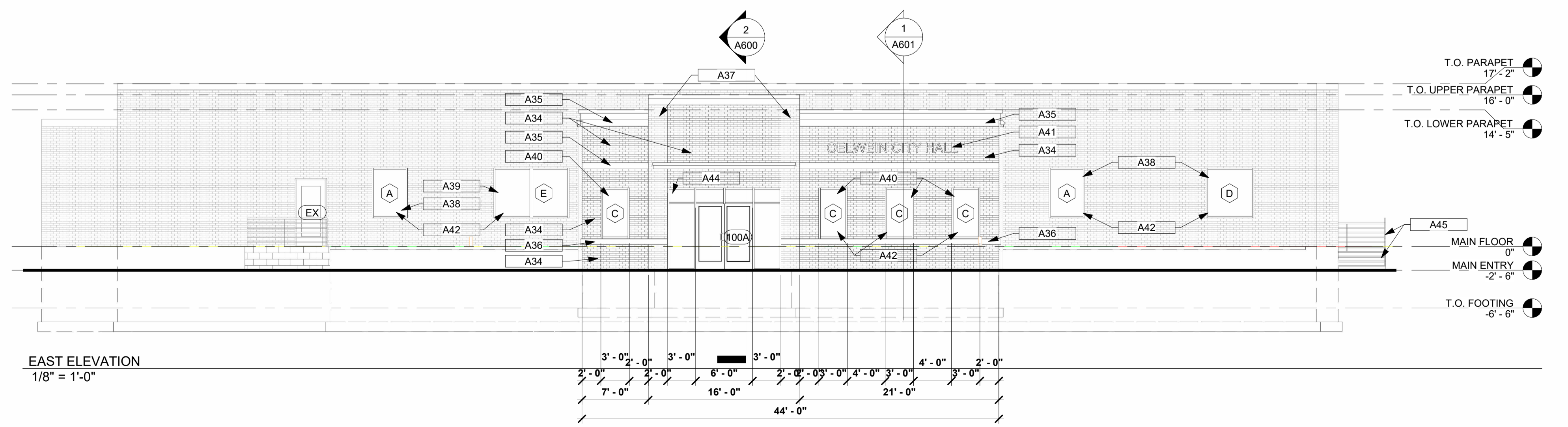
WEST ELEVATION
1/8" = 1'-0"



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



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



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

EXTERIOR ELEVATIONS

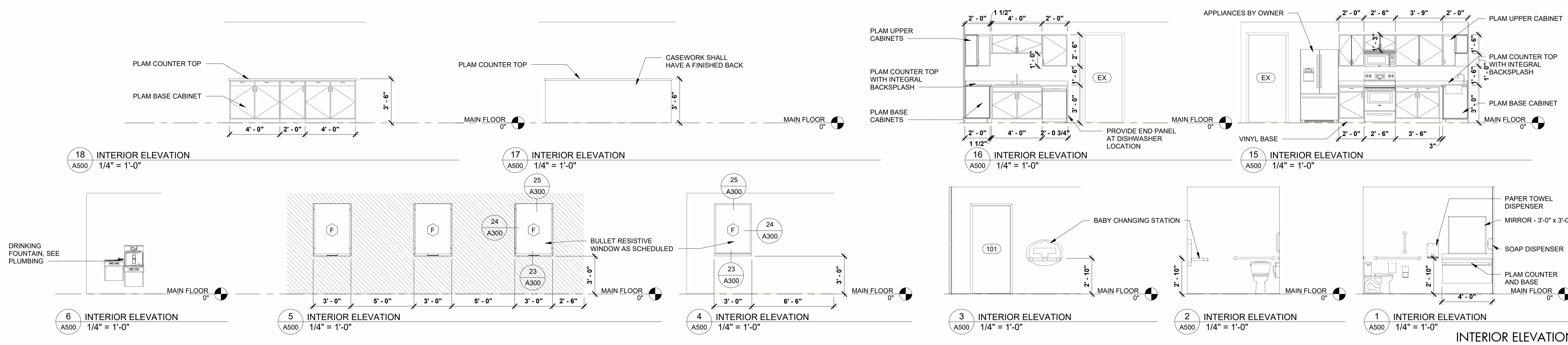
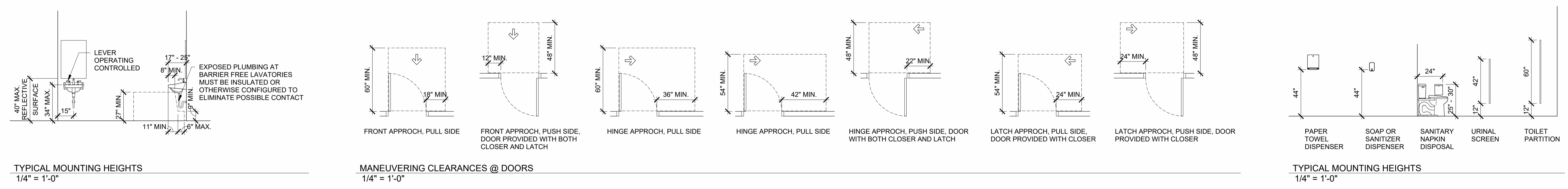
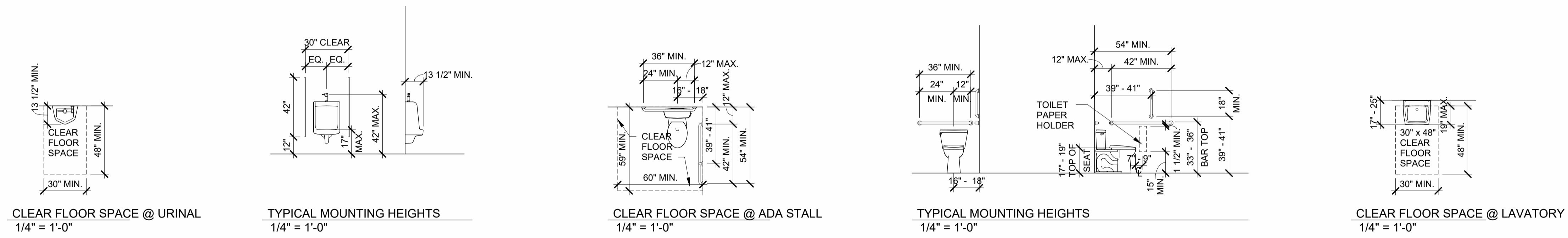
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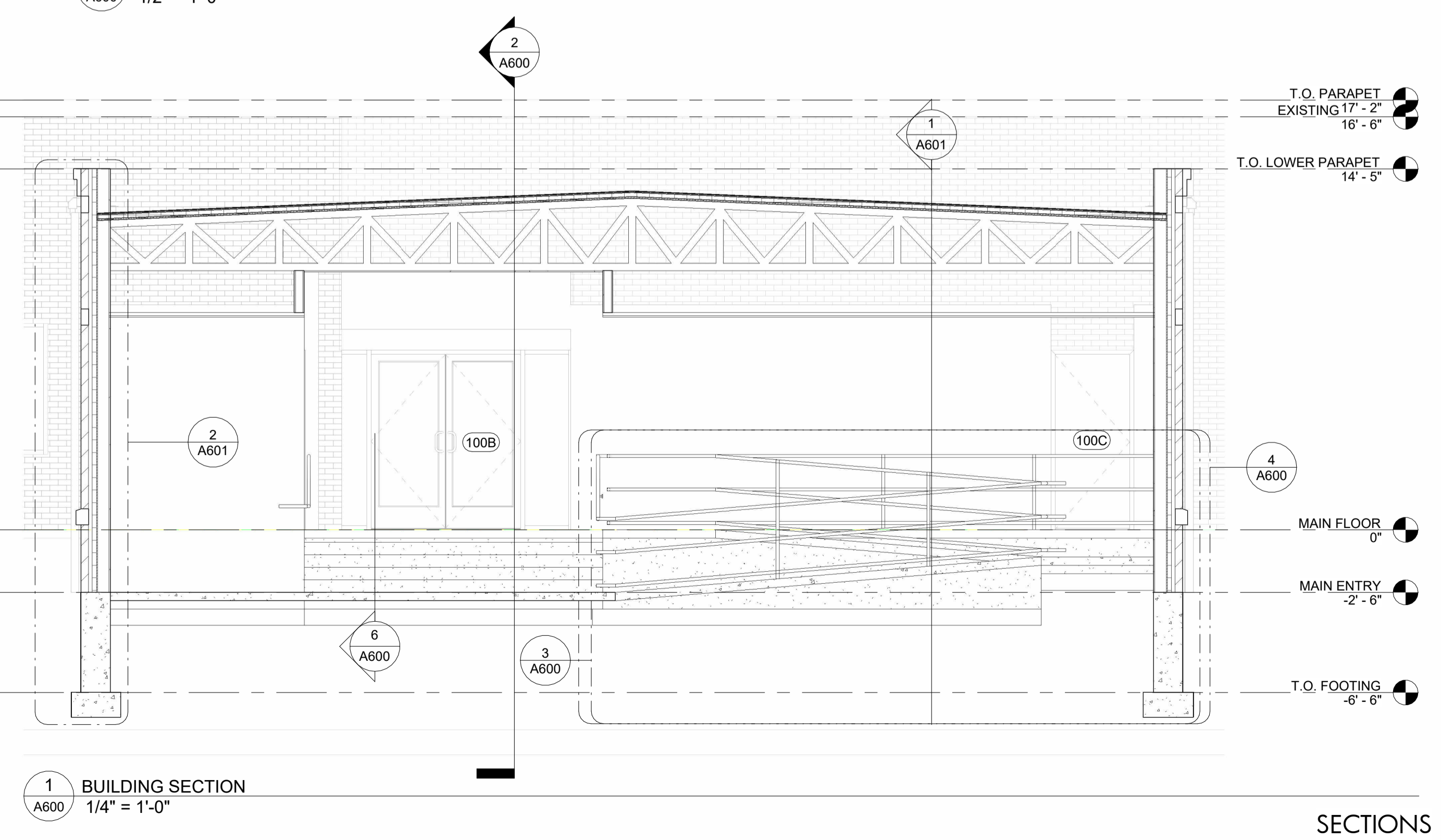
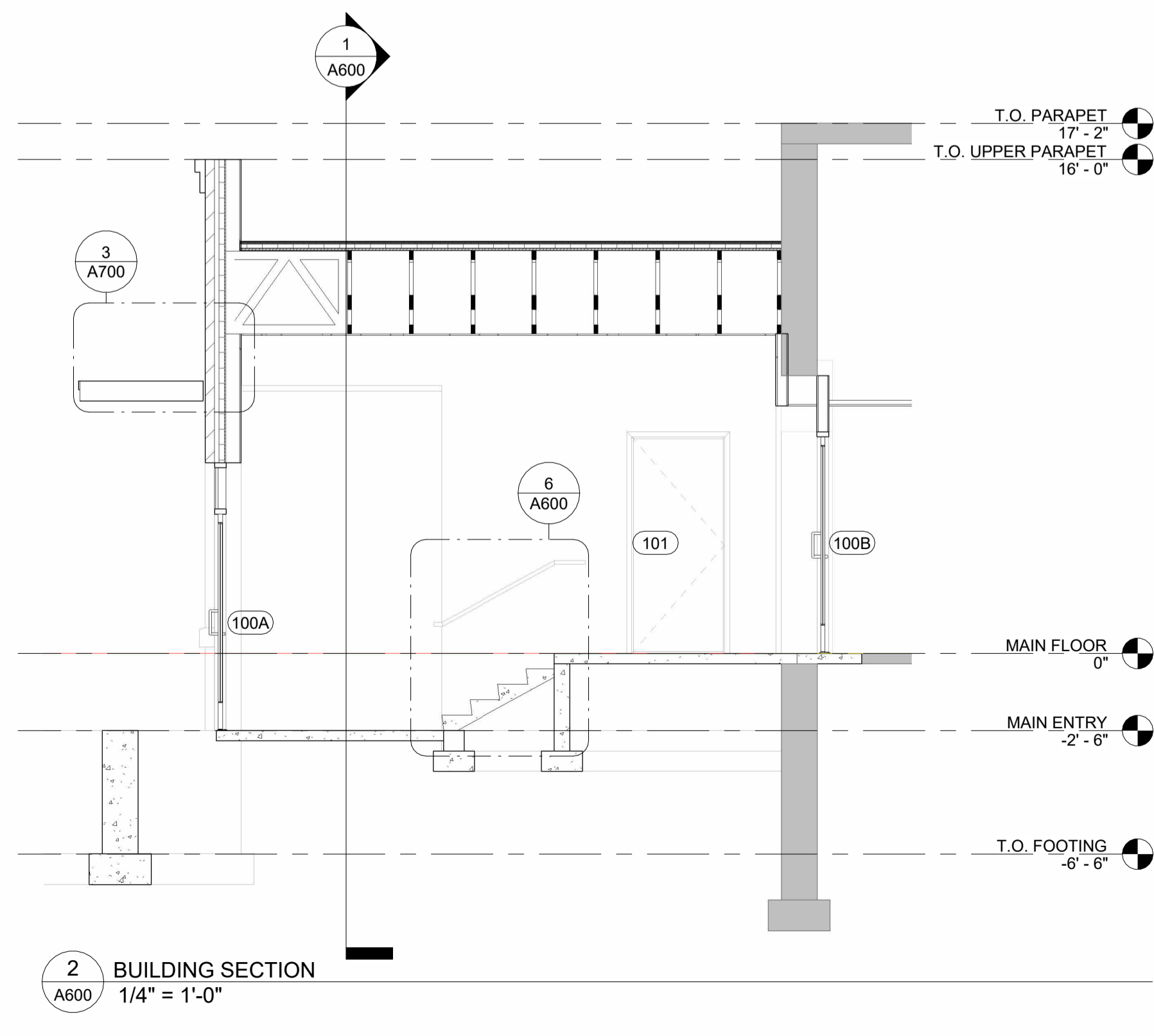
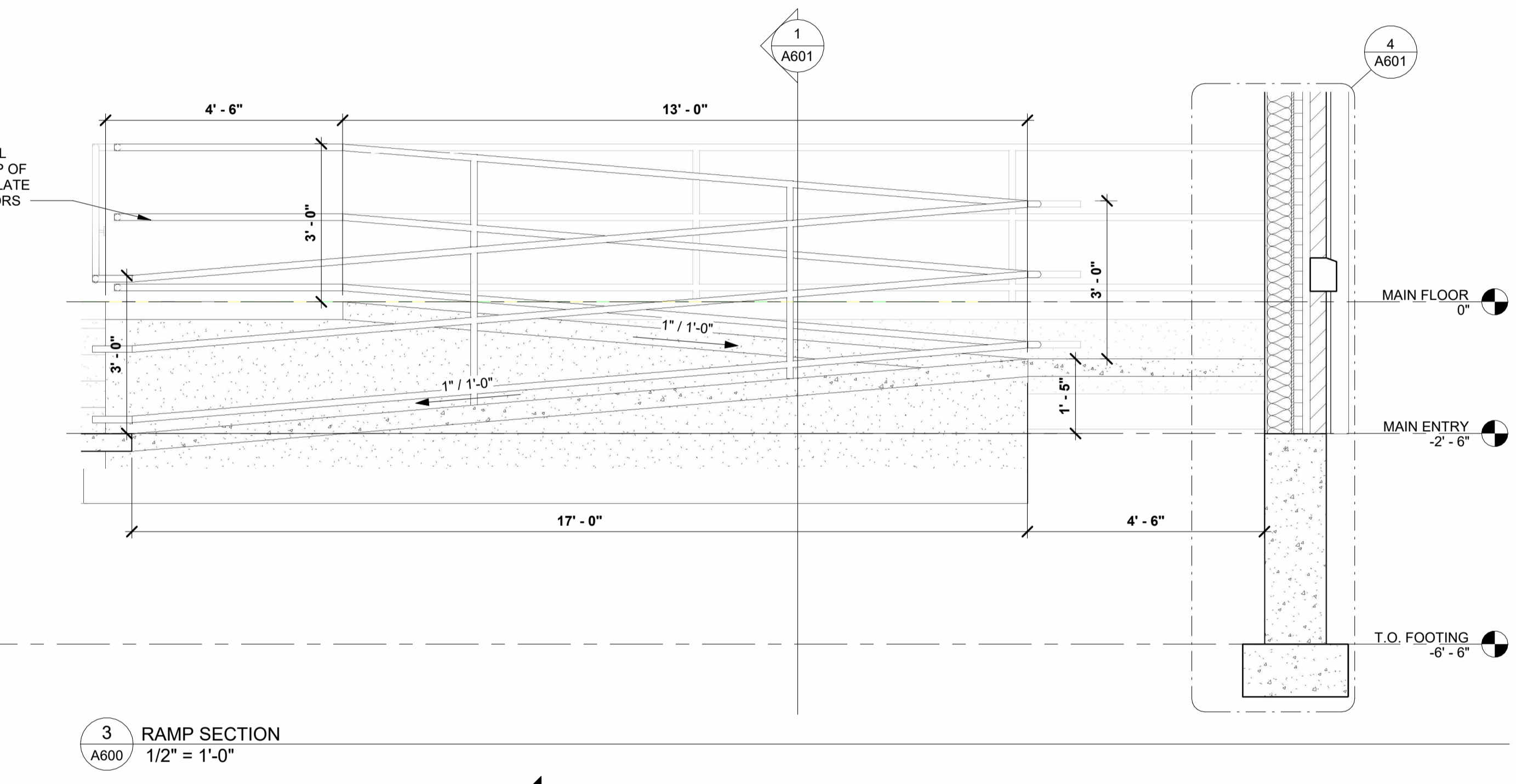
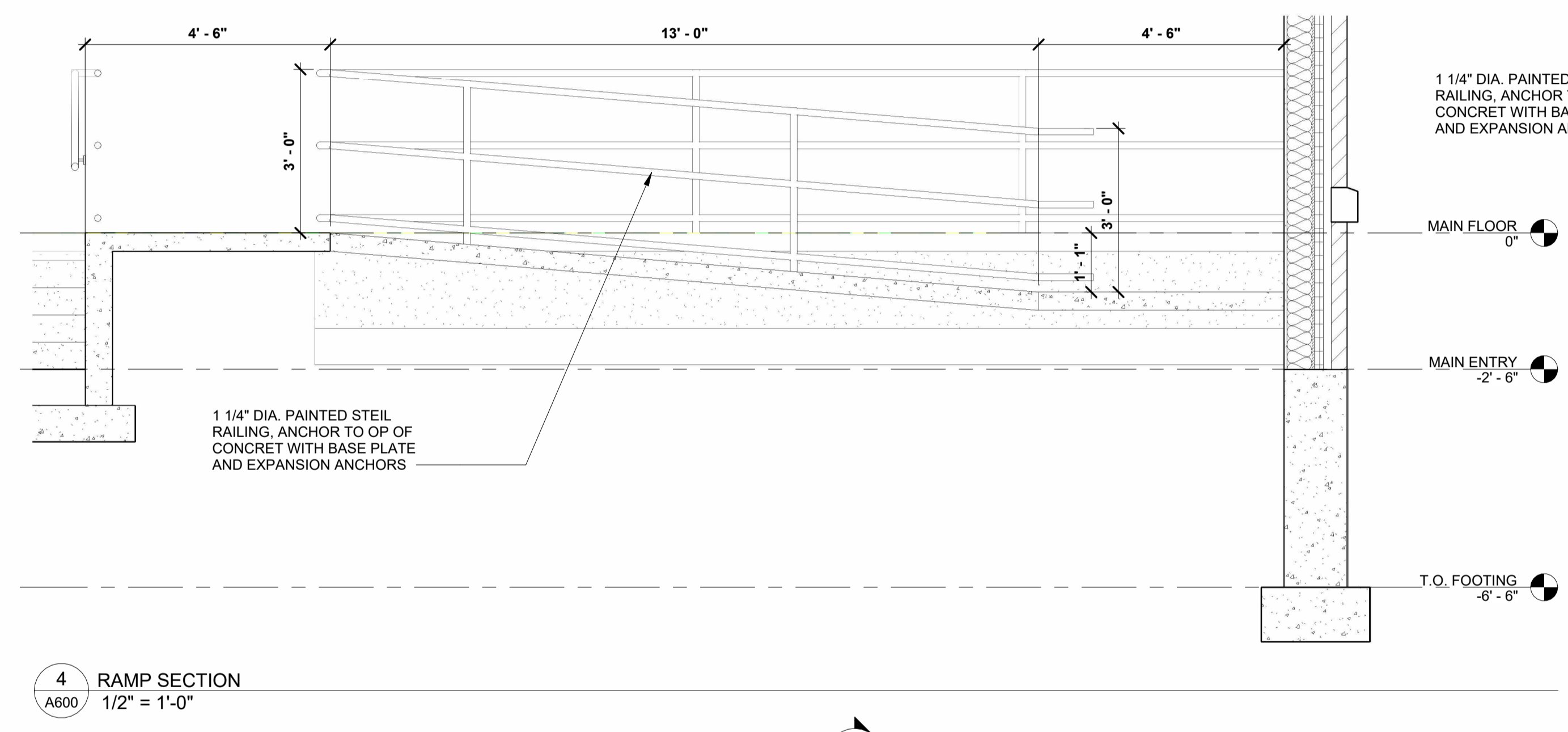
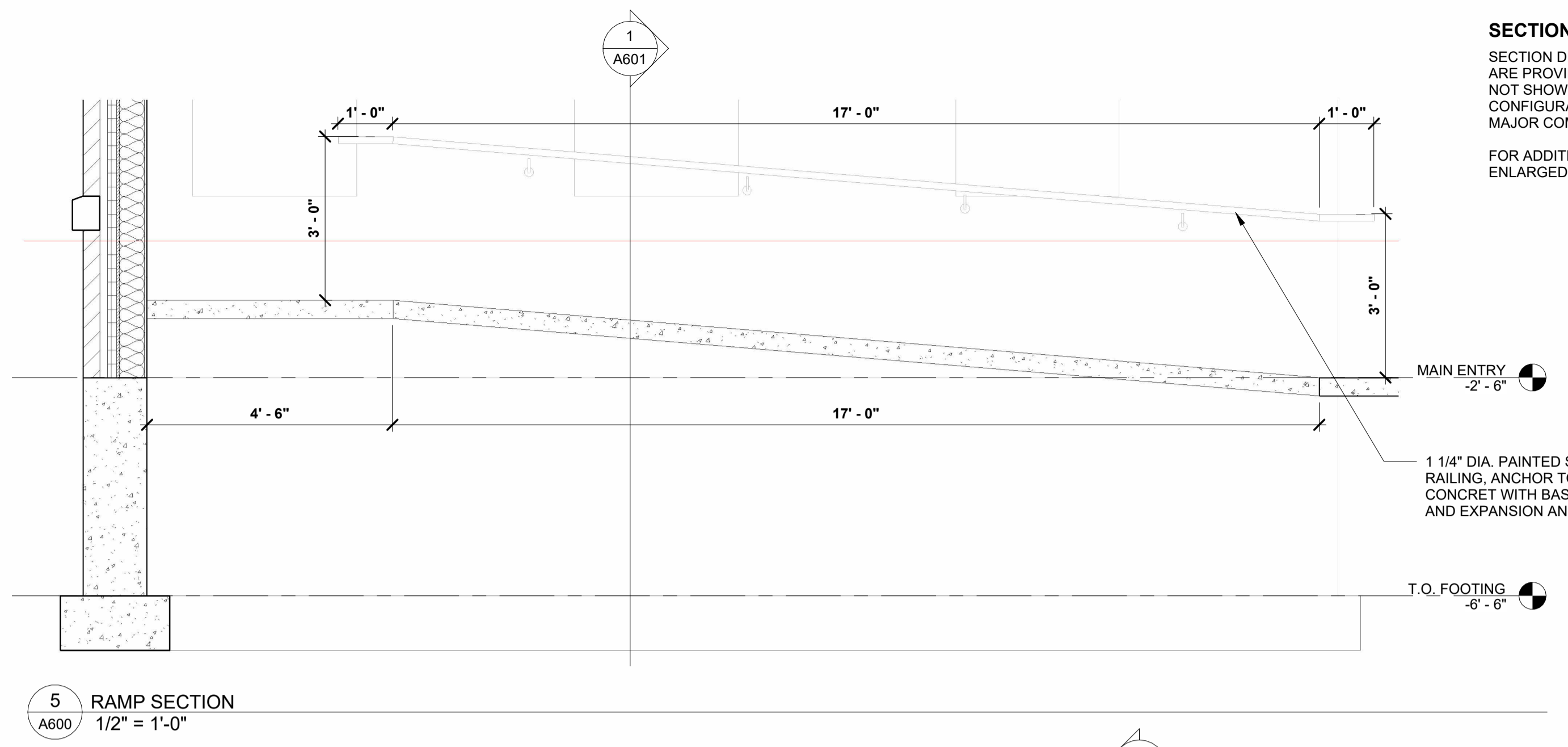
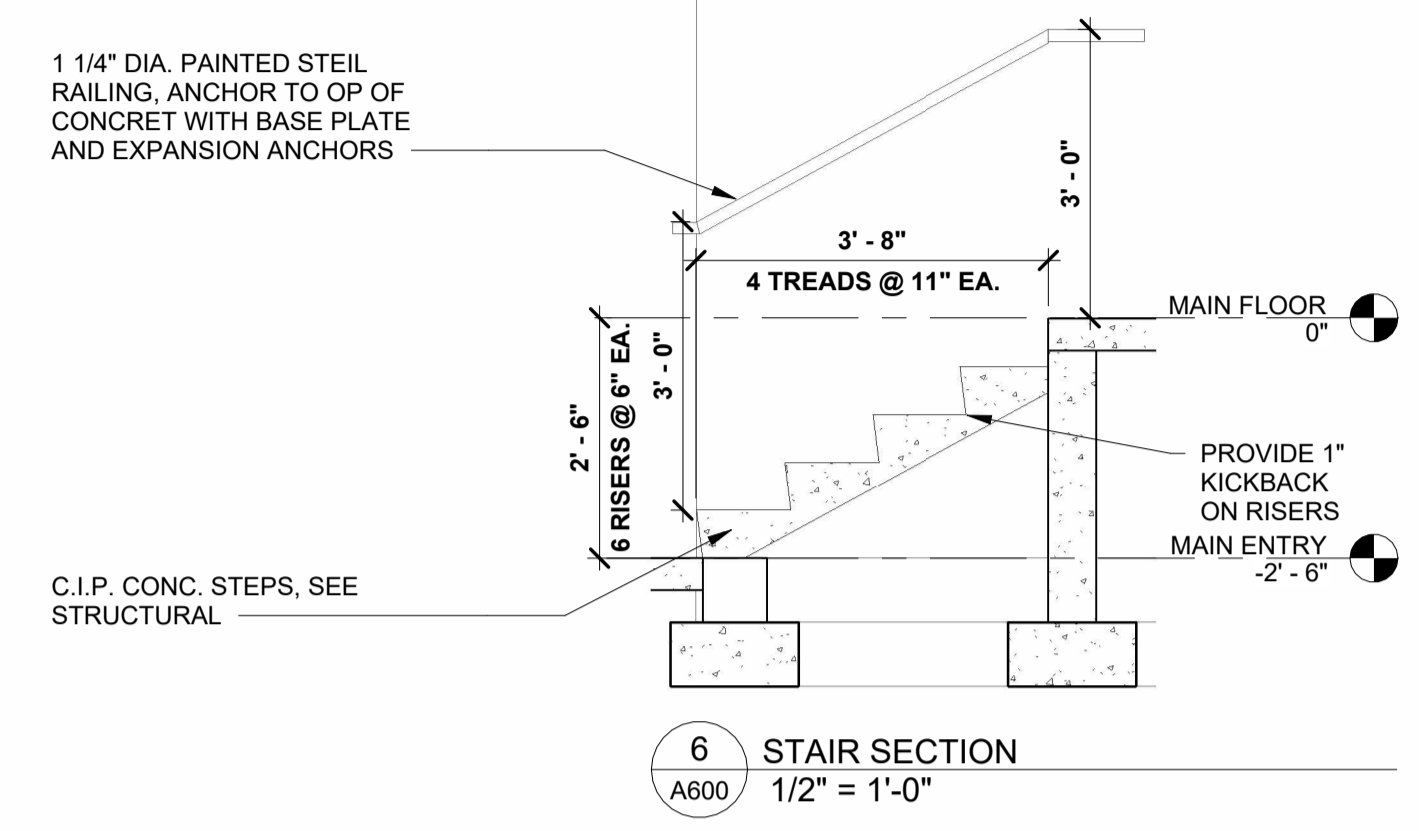
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SECTION DRAWINGS, WHERE ADDITIONAL DETAILS ARE PROVIDED, ARE SCHEMATIC IN NATURE AND DO NOT SHOW ALL DETAILS. THEY ARE PROVIDED FOR CONFIGURATION AND RELATIVE ARRANGMENT OF MAJOR COMPONENTS OF THE WALL OR ASSEMBLY.
FOR ADDITIONAL DETAIL OR INFORMATION, SEE ENLARGED DETAILS



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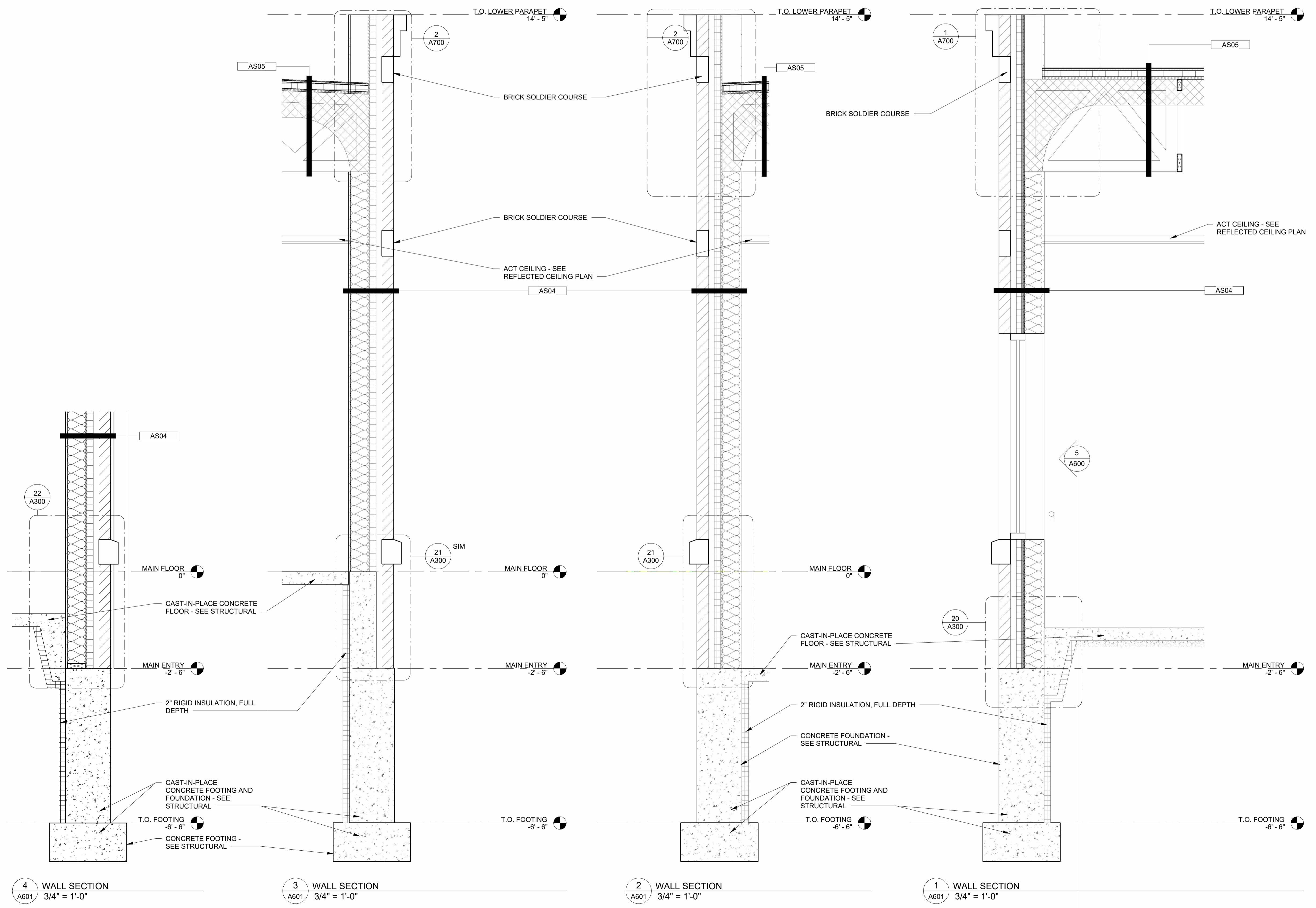
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SECTIONS

ASSEMBLIES KEYNOTES	
KEY	KEYNOTE
AS04	BRICK, 1 3/4" AIR SPACE; 2" RIGID INSULATION; AIR BARRIER; 1/2" SHEATHING; 2X6 WOOD FRAMING @ 16" O.C.; 1" CLOSED CELL SPREAY FOAM; R-13 BATT INSULATION; 6 MIL. VAPOR BARRIER; 5/8" GYPSUM BOARD
AS05	MEMBRANE ROOFING; 1/2" COVER BOARD; 2" RIGID INSULATION; VAPOR BARRIER; 3/4" OSB SHEATHING; WOOD TRUSS FRAMING; R-40 SPRAY FOAM INSULATION; 5/8" GYP. BRD.

SECTION DRAWING NOTES:
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 FOR ADDITIONAL DETAIL OR INFORMATION, SEE ENLARGED DETAILS

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4 WALL SECTION
A601 3/4" = 1'-0"

3 WALL SECTION
A601 3/4" = 1'-0"

2 WALL SECTION
A601 3/4" = 1'-0"

1 WALL SECTION
A601 3/4" = 1'-0"

SECTIONS

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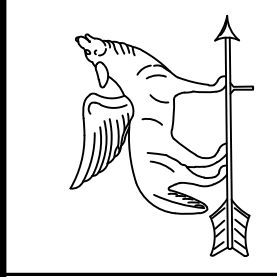
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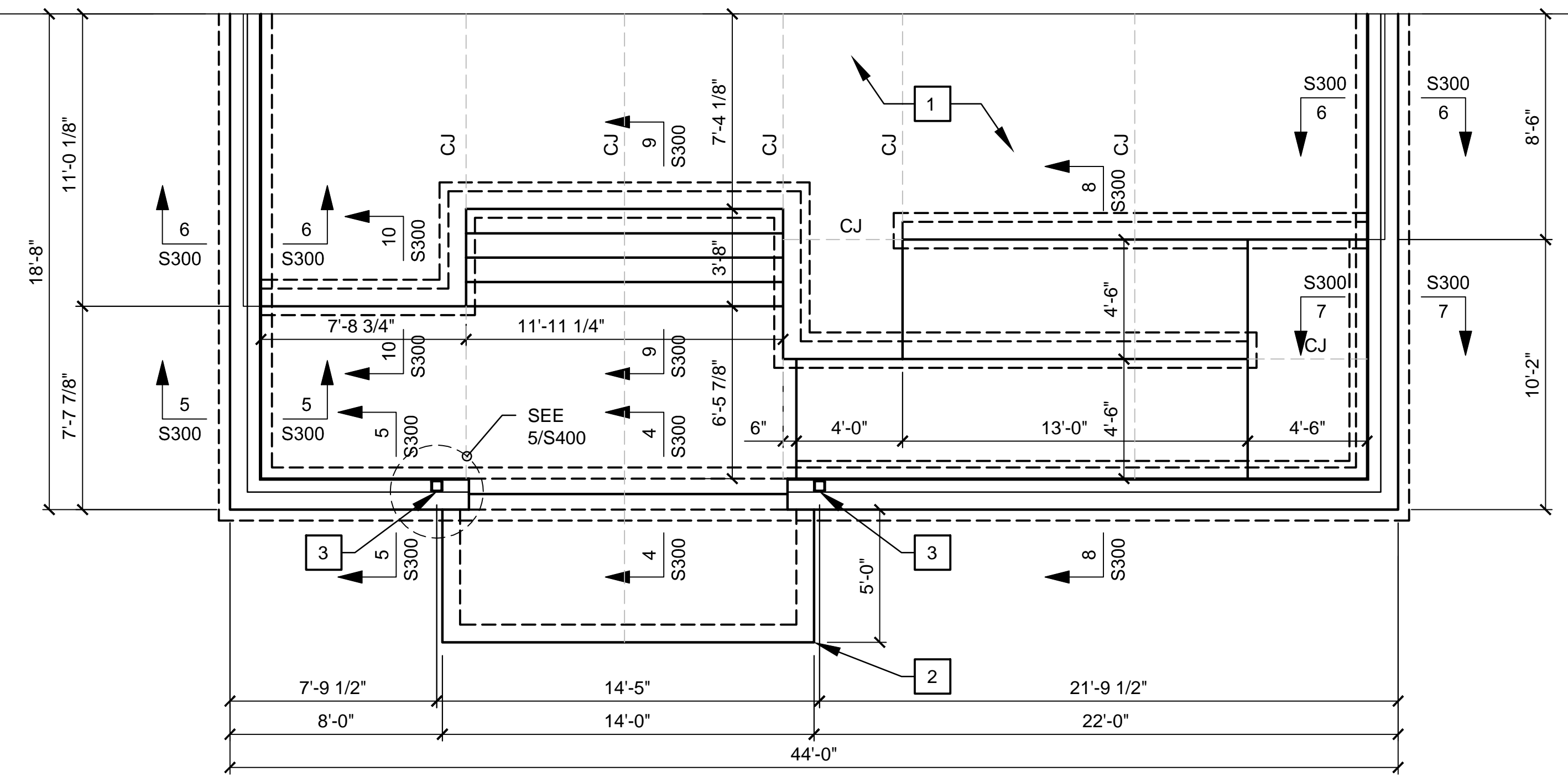


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- PLAN NOTES**
- SEE SHEET S001 FOR MATERIAL AND SYSTEM NOTES.
 - 'CJ' DENOTES PROPOSED LOCATION OF SLAB JOINTS, SEE 1/S300. CONTRACTOR SHALL SUBMIT ACTUAL LOCATION OF SLAB JOINTS FOR REVIEW PRIOR TO INSTALLATION.

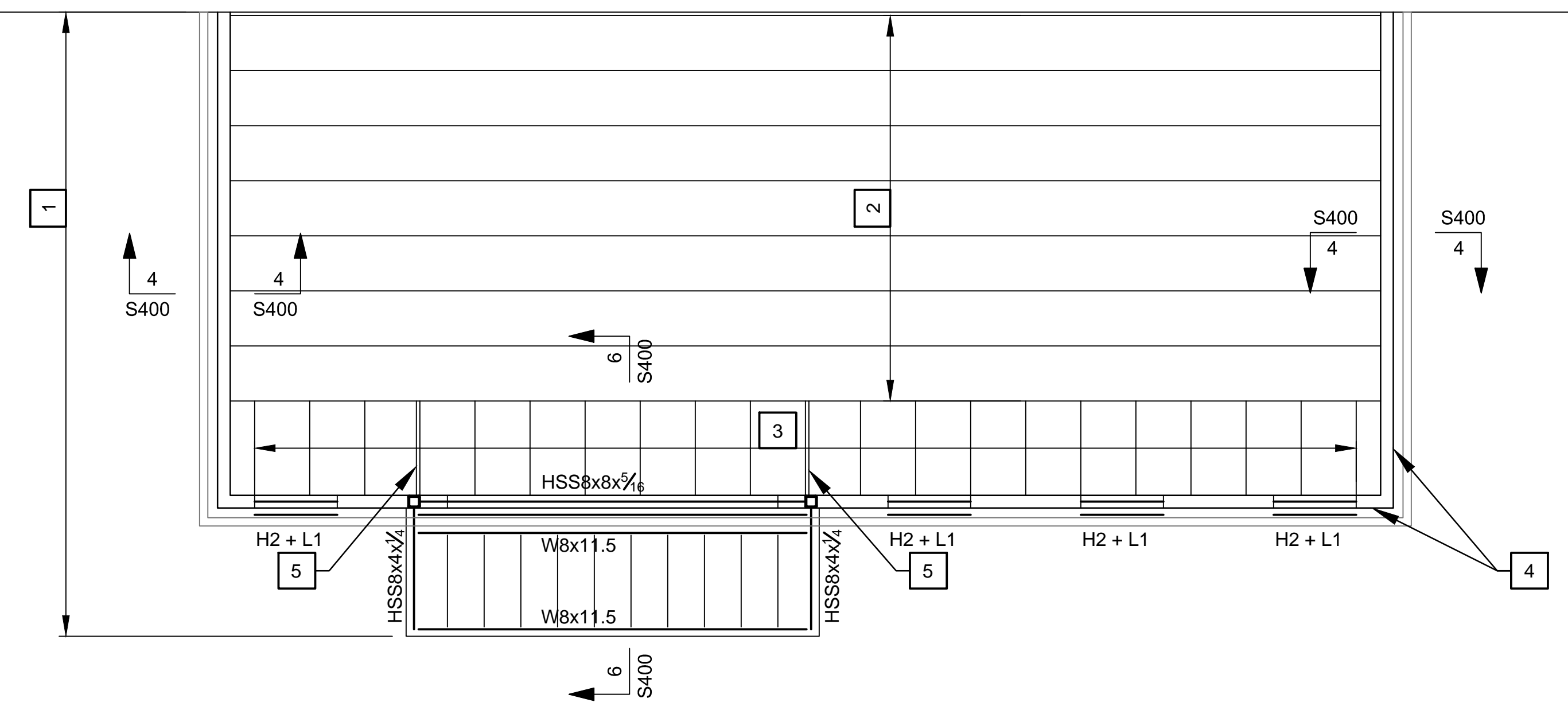
- BOX NOTES**
- 4" THICK CONCRETE SLAB-ON-GRADE WITH 6x6-W1.4xW1.4 WWF, SEE 1/S300 FOR TYPICAL DETAILS.
 - THRESHOLD & STOOP, SEE 4/S300.
 - HSS5x5x $\frac{5}{16}$ COLUMN.



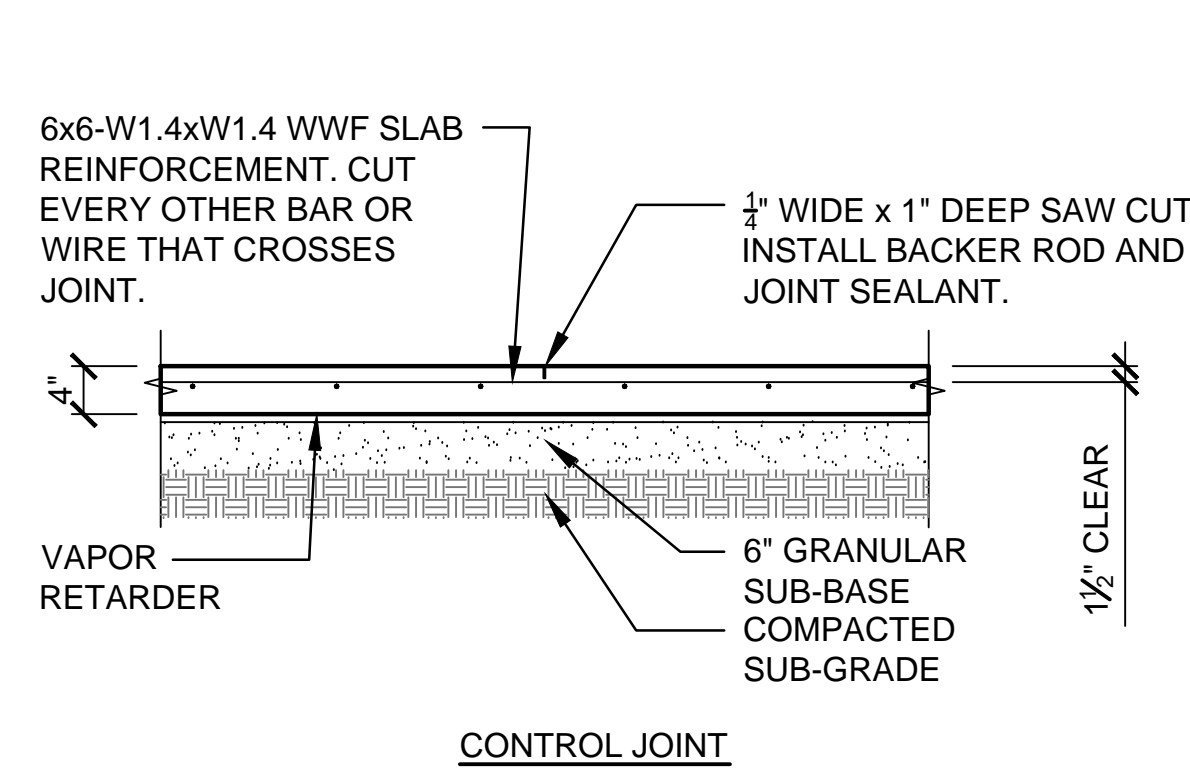
FOUNDATION PLAN

- PLAN NOTES**
- SEE SHEET S001 FOR MATERIAL AND SYSTEM NOTES.
 - 'Hx' DENOTES HEADER DESIGNATION, SEE 3/S400 FOR HEADER SCHEDULE.
 - 'Lx' DENOTES LINTEL DESIGNATION, SEE 7/S400 FOR LINTEL SCHEDULE.

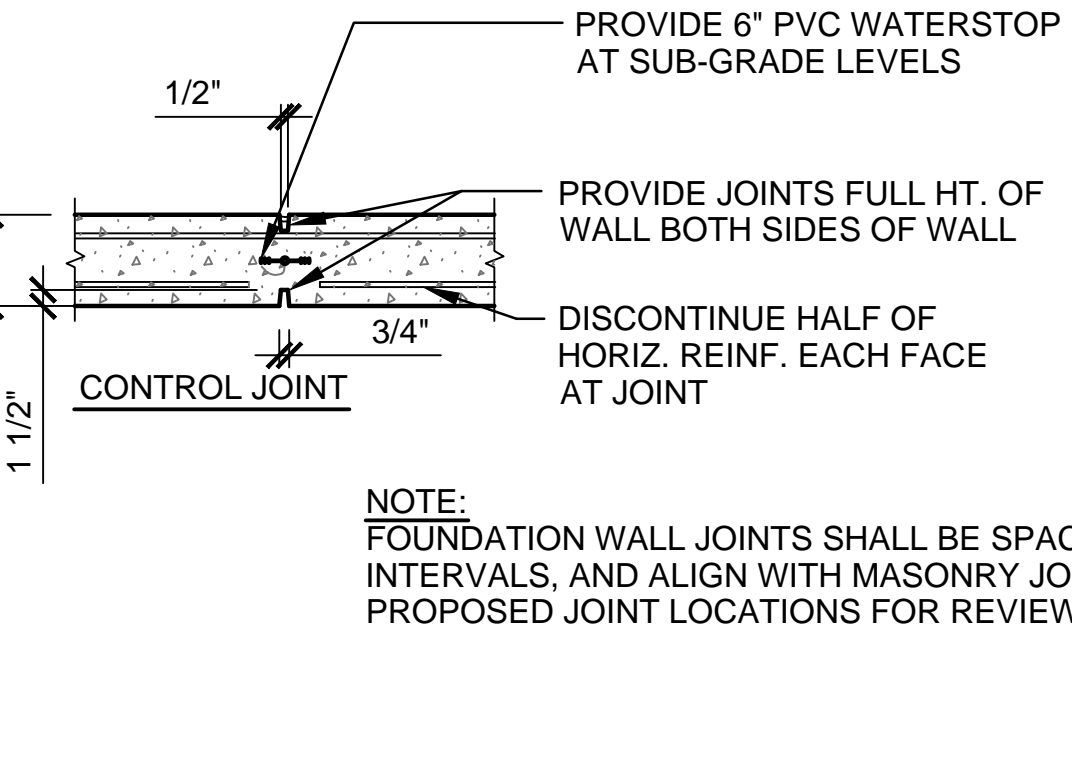
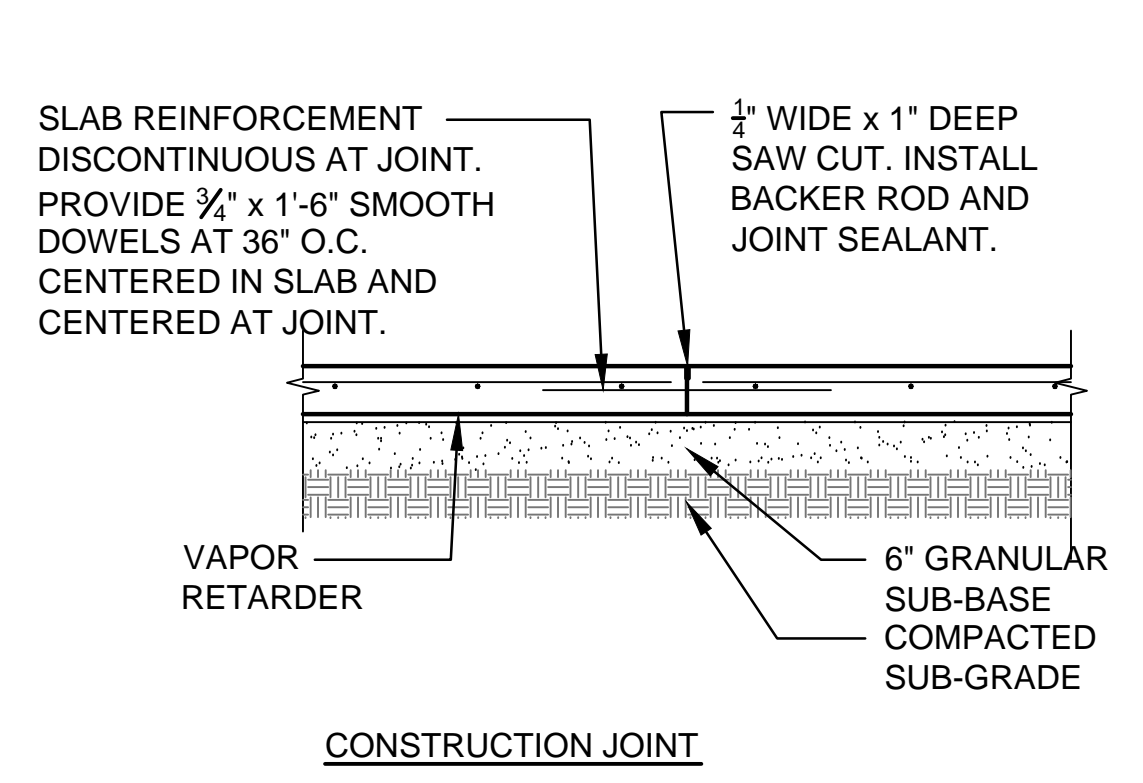
- BOX NOTES**
- $\frac{1}{2}$ " WOOD ROOF SHEATHING ATTACHED 6d NAILS AT 6" O.C.
 - WOOD ROOF TRUSSES AT 2'-0" O.C. WITH SUPPORT/UPLIFT ANCHORAGE DESIGNED BY TRUSS MANUFACTURER EACH END, TYP. (SIMPSON H2.5A MIN.). THE ROOF FRAMING PLAN DEPICTS THE PROPOSED WOOD ROOF TRUSS CONFIGURATION FOR INFORMATION ONLY. THE TRUSS MANUFACTURER SHALL SUBMIT THE ACTUAL TRUSS CONFIGURATION FOR REVIEW. SEE TYPICAL DETAILS 1/S400 & 2/S400.
 - WOOD ROOF SUB-TRUSSES AT 2'-0" O.C. WITH SUPPORT/UPLIFT ANCHORAGE DESIGNED BY TRUSS MANUFACTURER EACH END, TYP. (SIMPSON H2.5A MIN.). THE ROOF FRAMING PLAN DEPICTS THE PROPOSED WOOD ROOF TRUSS CONFIGURATION FOR INFORMATION ONLY. THE TRUSS MANUFACTURER SHALL SUBMIT THE ACTUAL TRUSS CONFIGURATION FOR REVIEW. SEE TYPICAL DETAILS 1/S400 & 2/S400.
 - WOOD BEARING WALL COMPRISED OF 2x6 WOOD STUDS AT 16" O.C. AND $\frac{1}{2}$ " WOOD WALL SHEATHING ATTACHED WITH 6d NAILS AT 6" O.C.
 - PROVIDE DOUBLE SUB-TRUSS AT COLUMN.



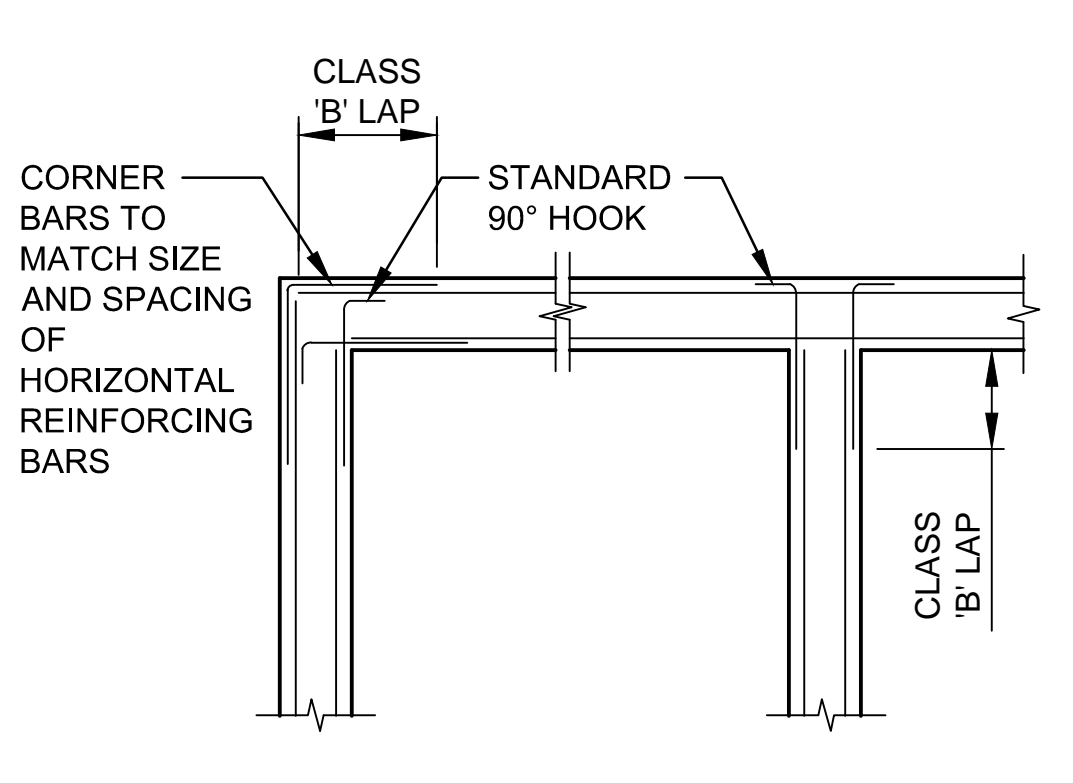
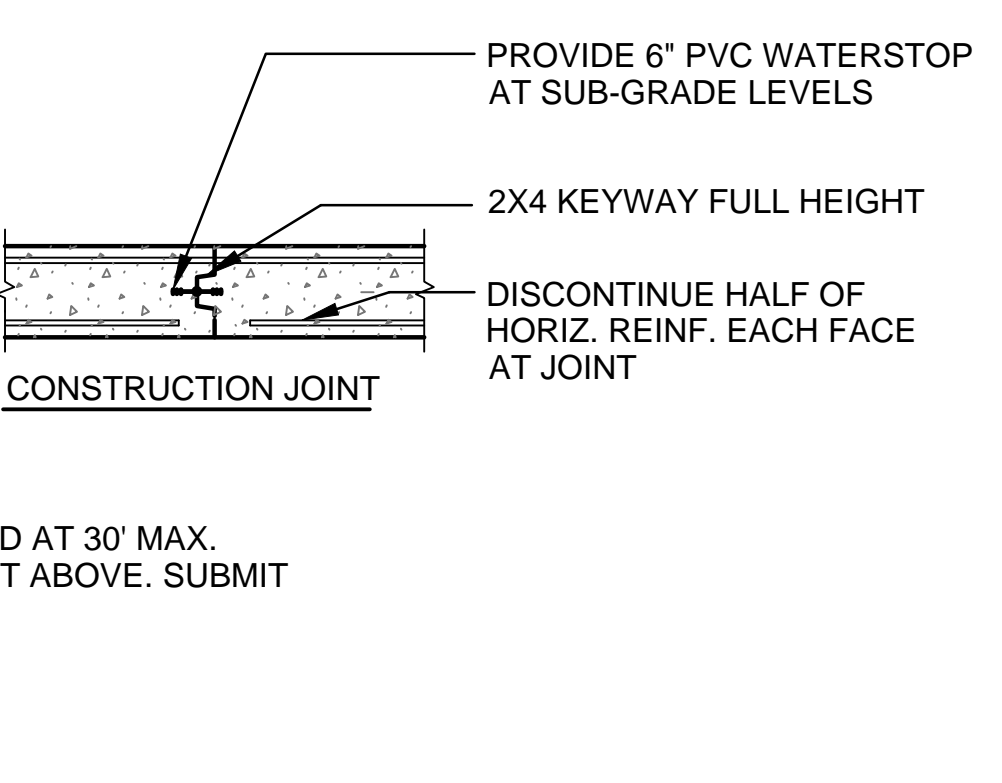
ROOF FRAMING PLAN



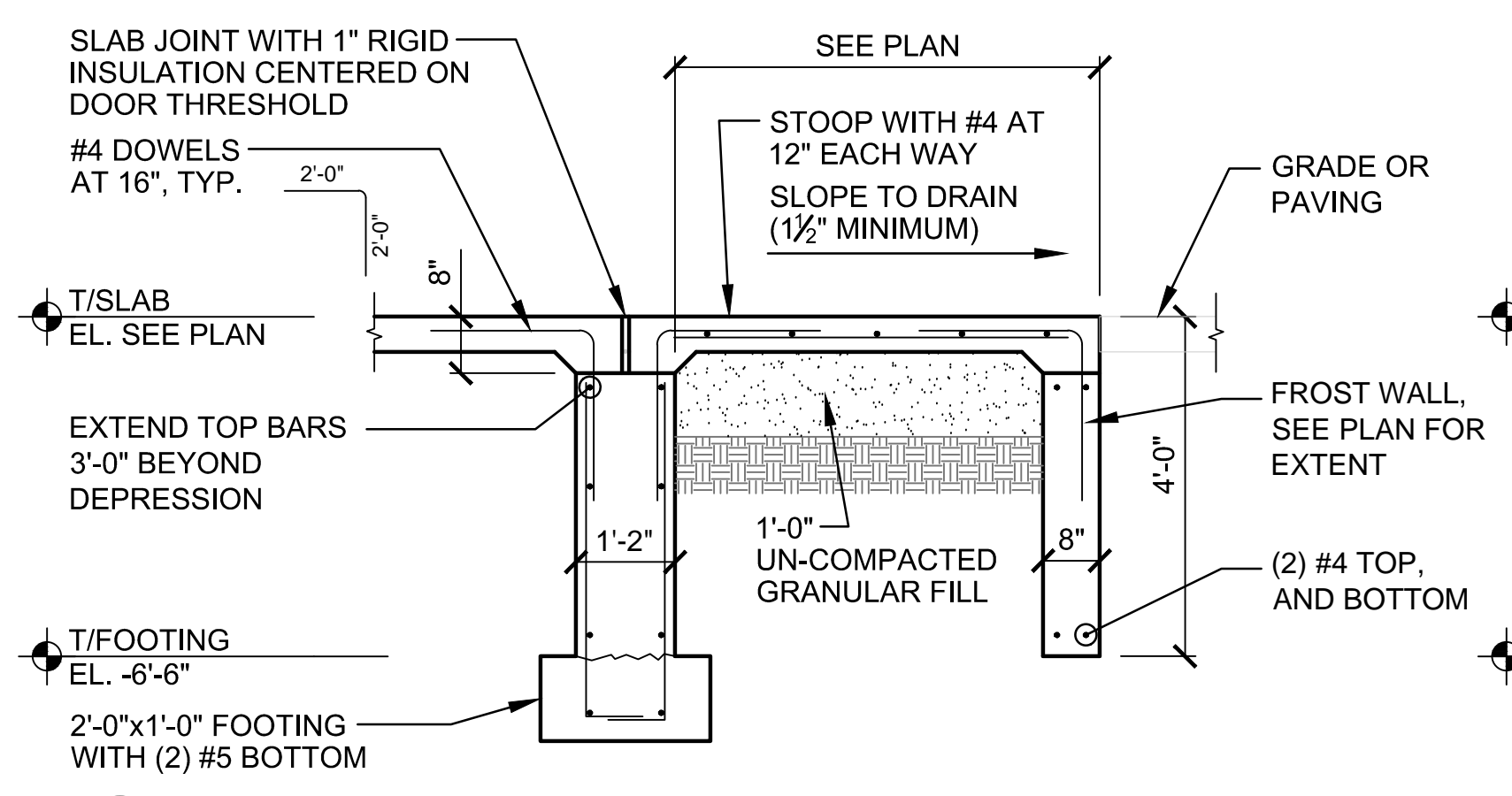
1 SLAB SCHEDULE AND DETAIL
S300 NOT TO SCALE



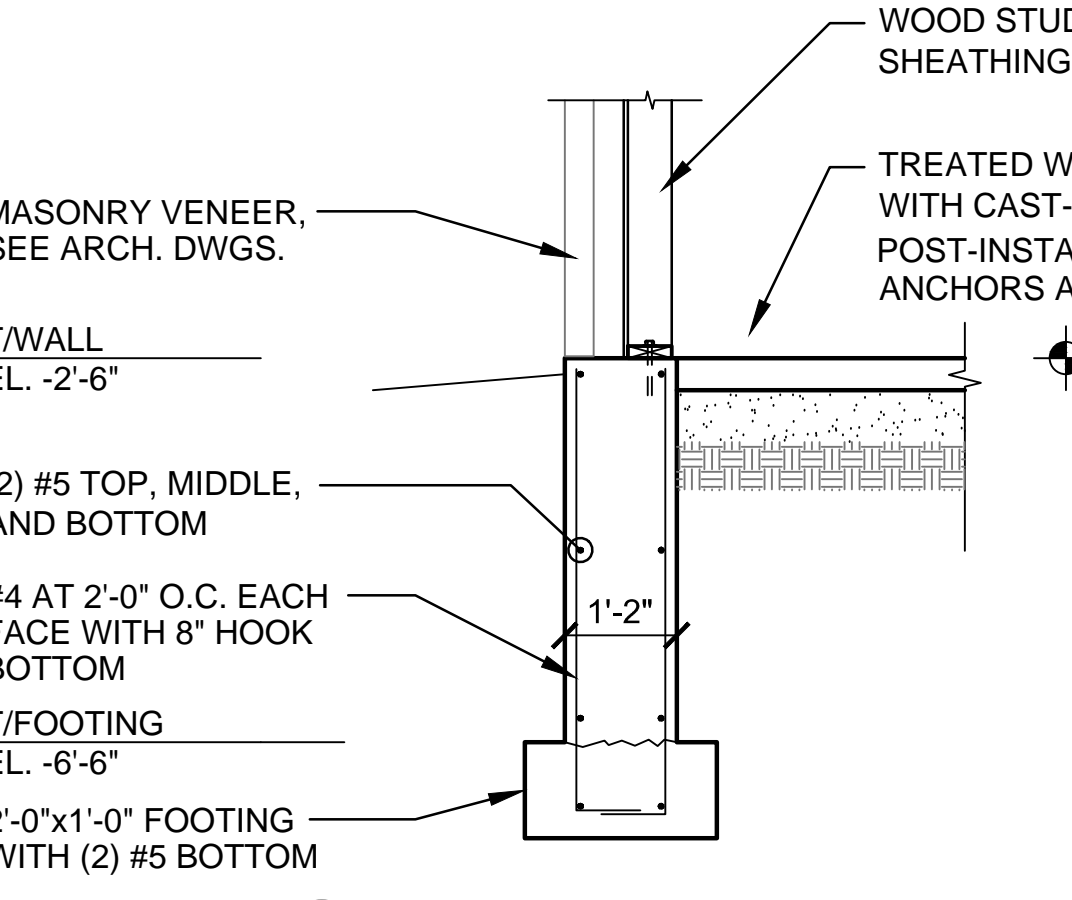
2 TYPICAL FOUNDATION WALL JOINT DETAILS
S300 NOT TO SCALE



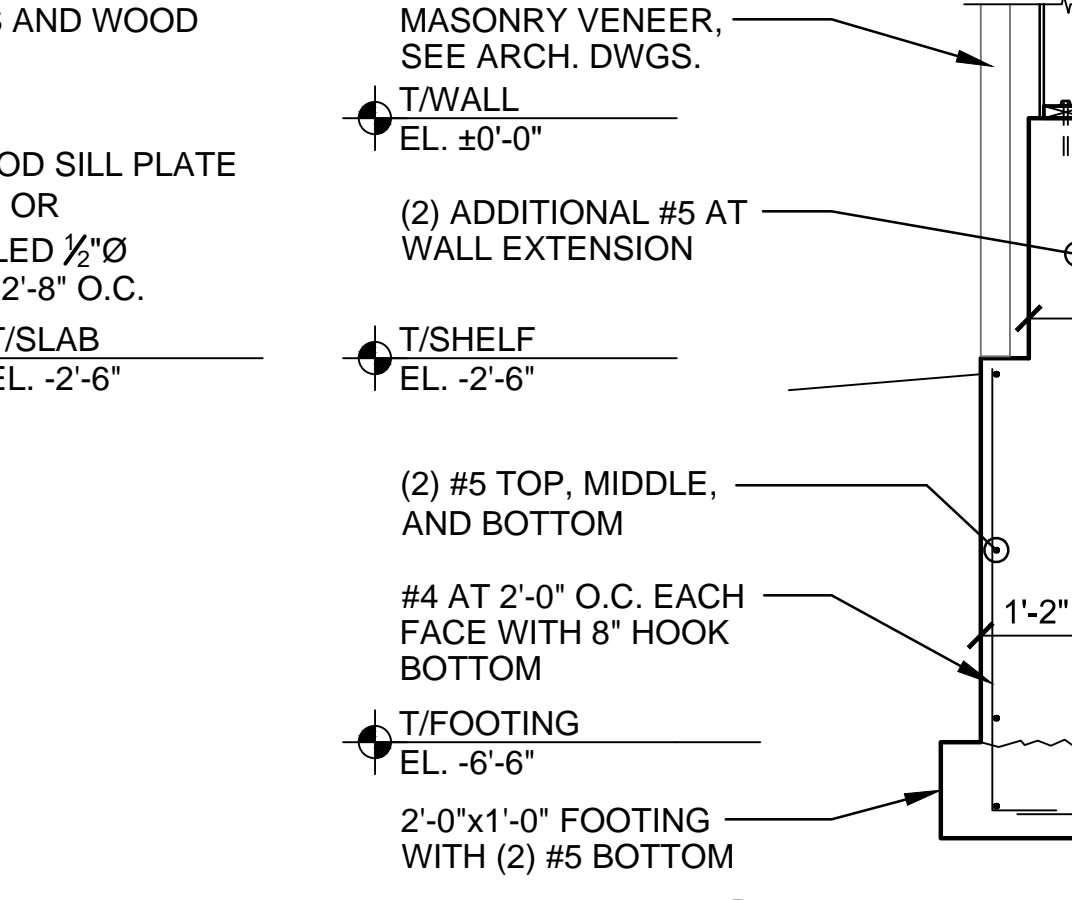
3 TYP. WALL CORNER BAR DETAIL
S300 NOT TO SCALE



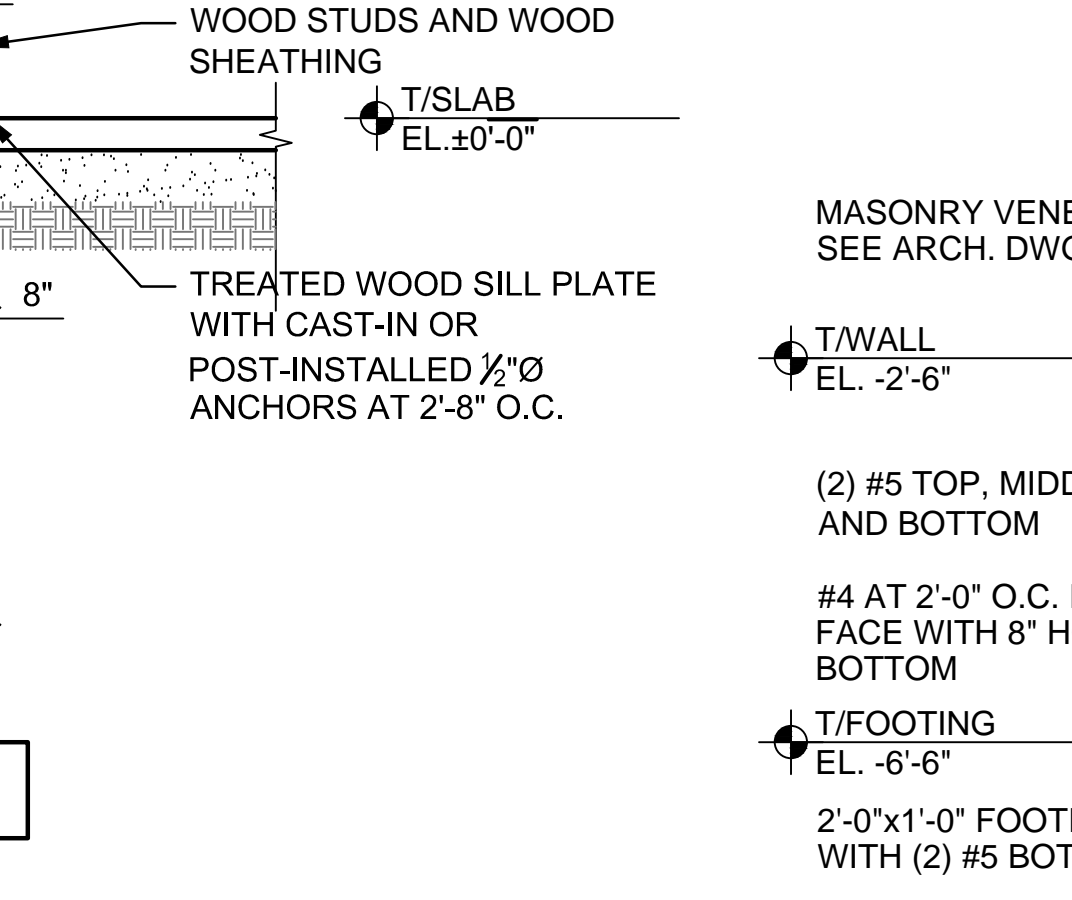
4 TYP. SECTION AT THRESHOLD AND STOOP
S300



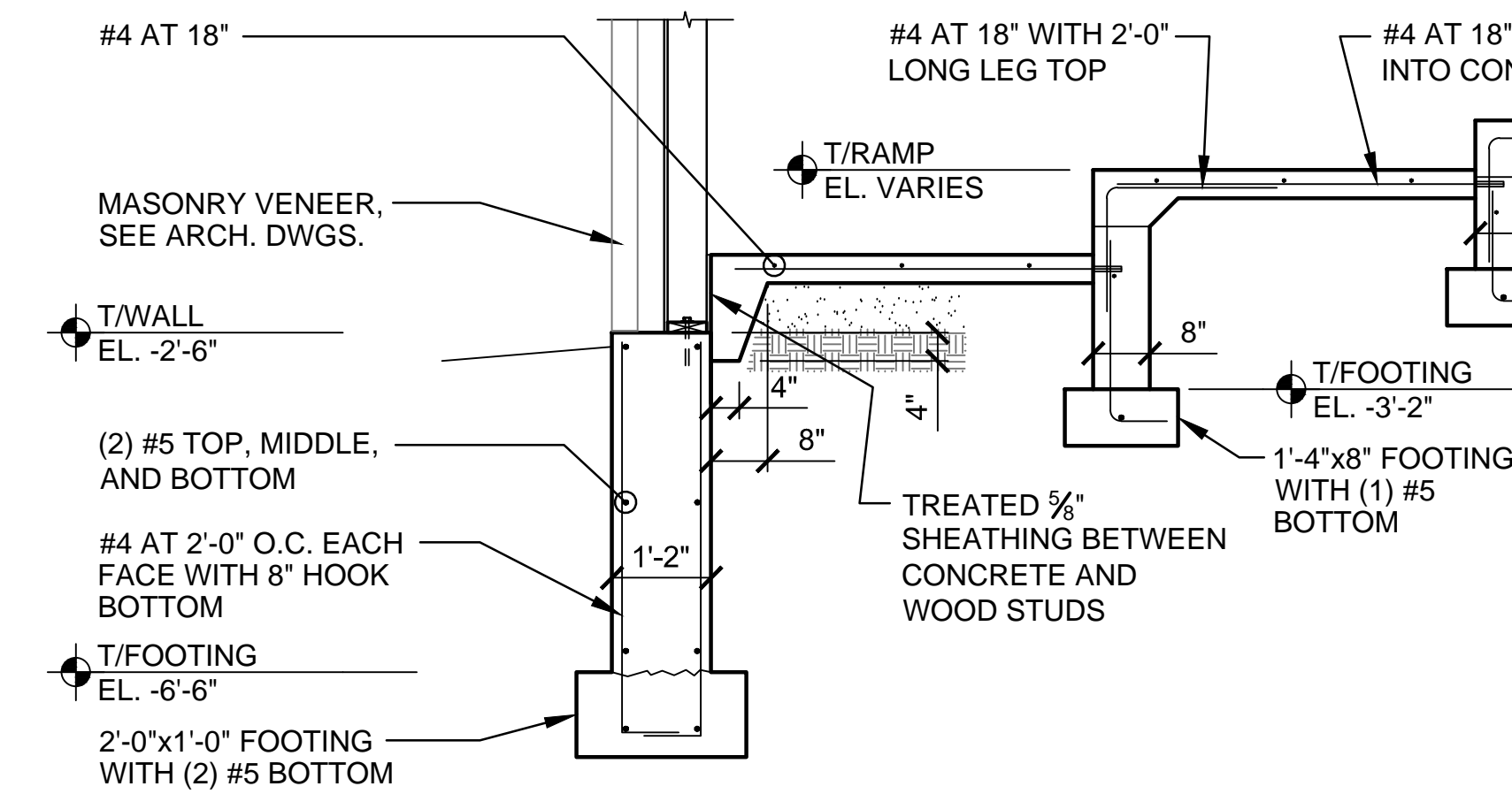
5 SECTION
S300



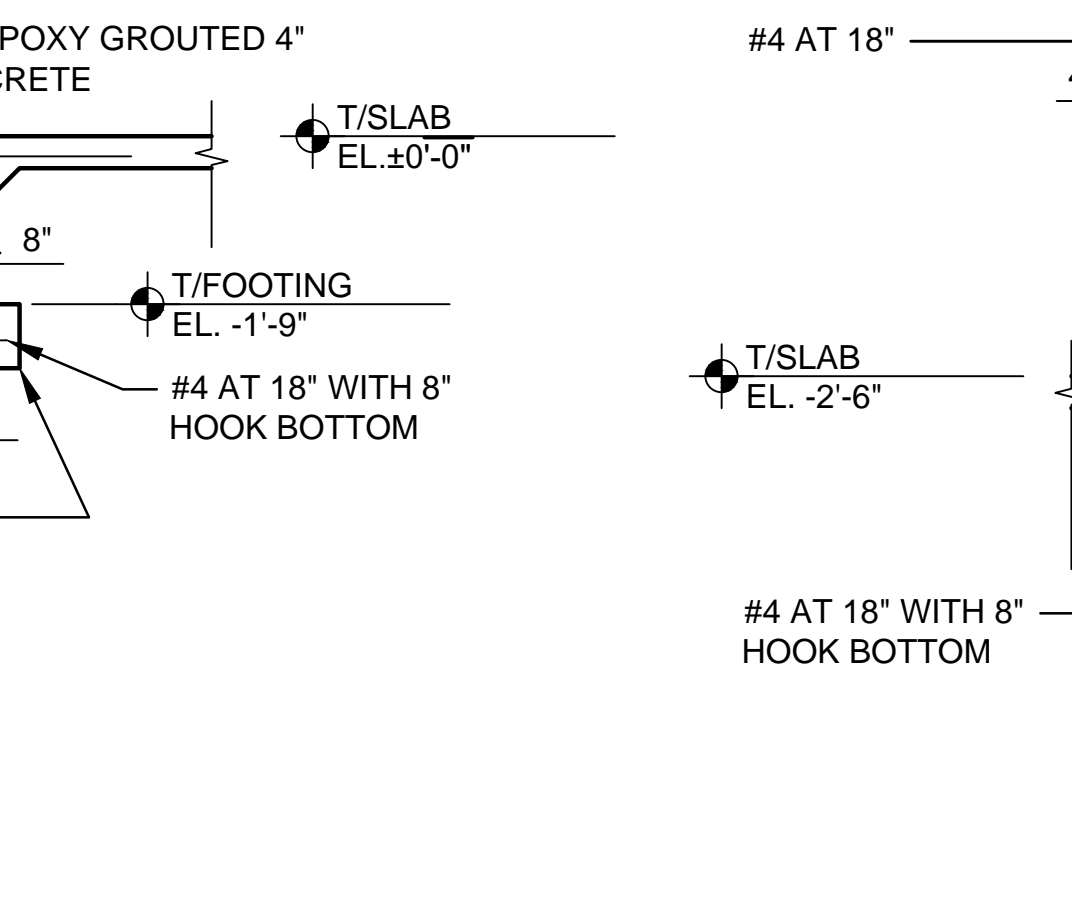
6 SECTION
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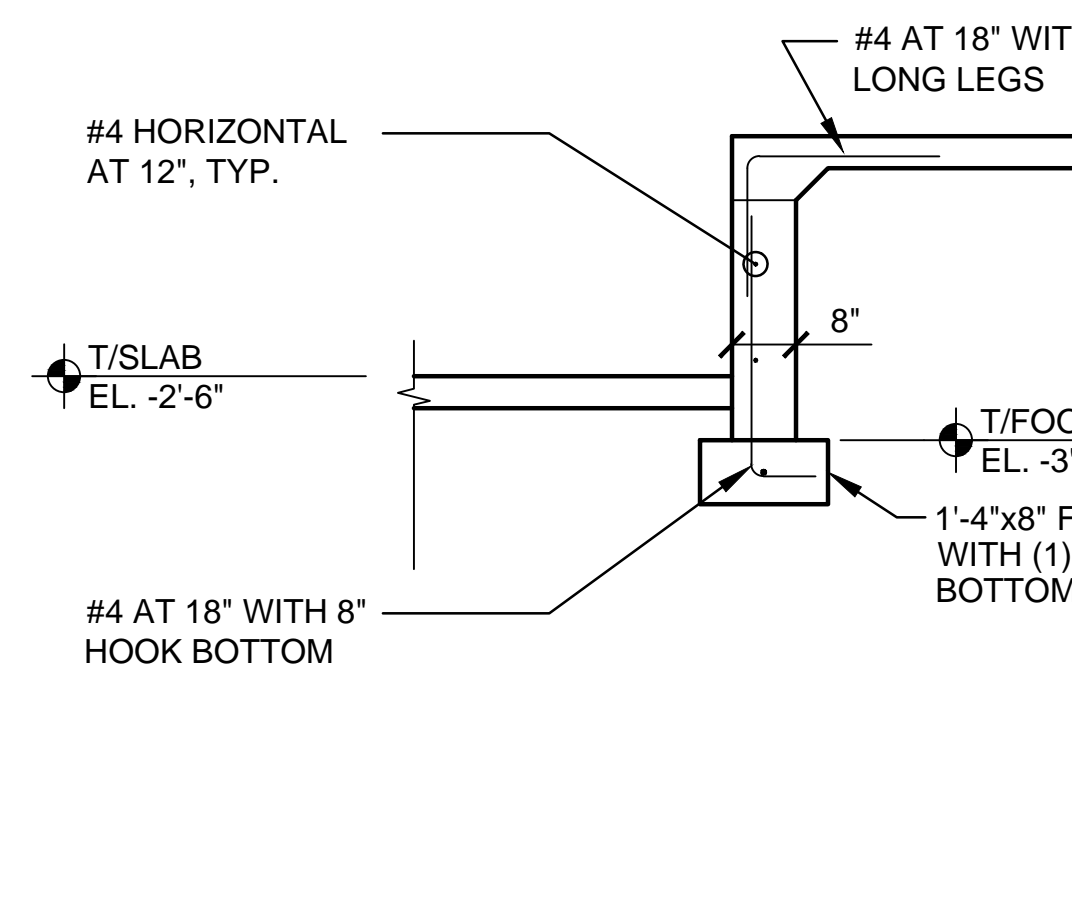
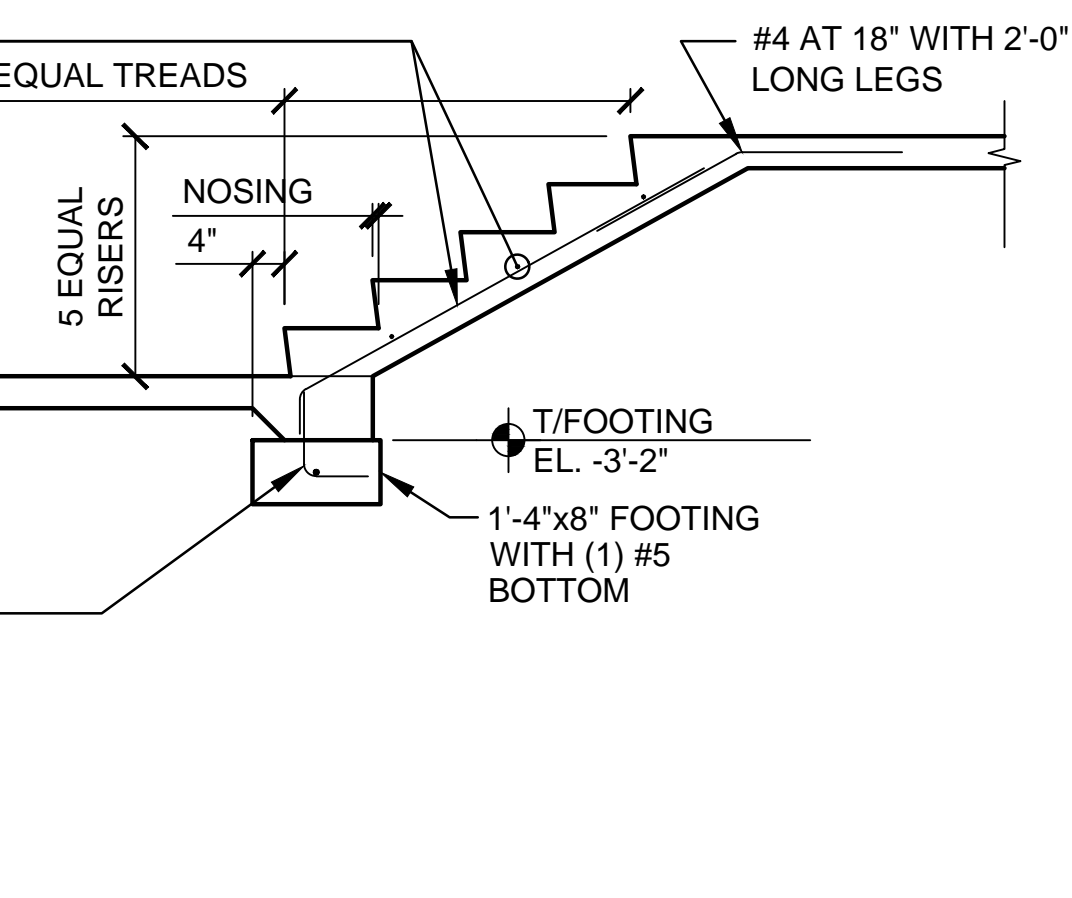
7 SECTION
S300



8 SECTION
S300



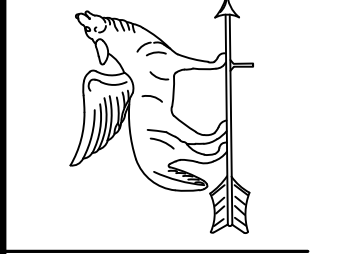
9 SECTION
S300



10 SECTION
S300

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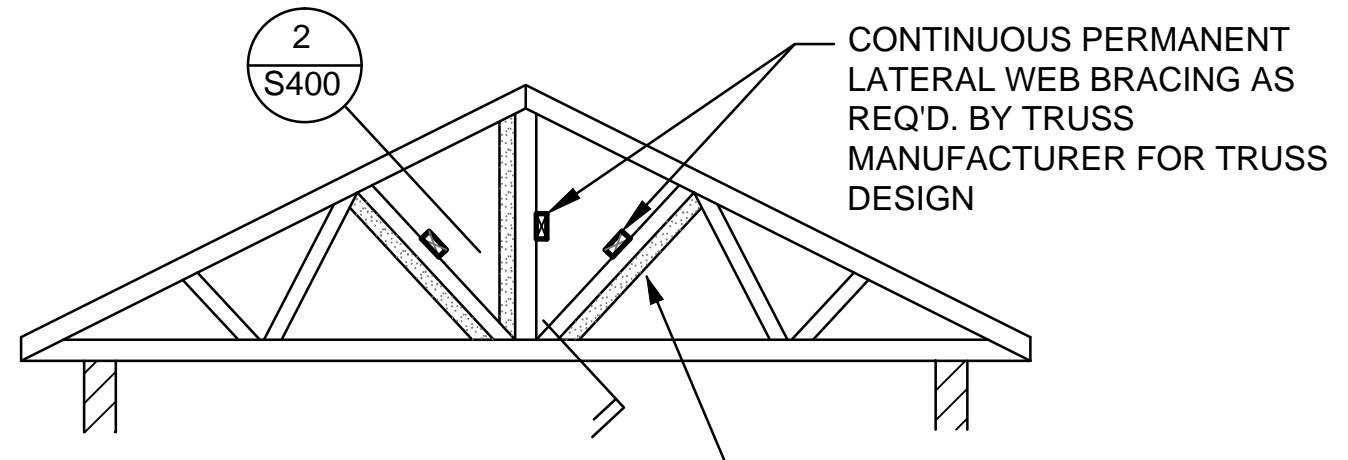


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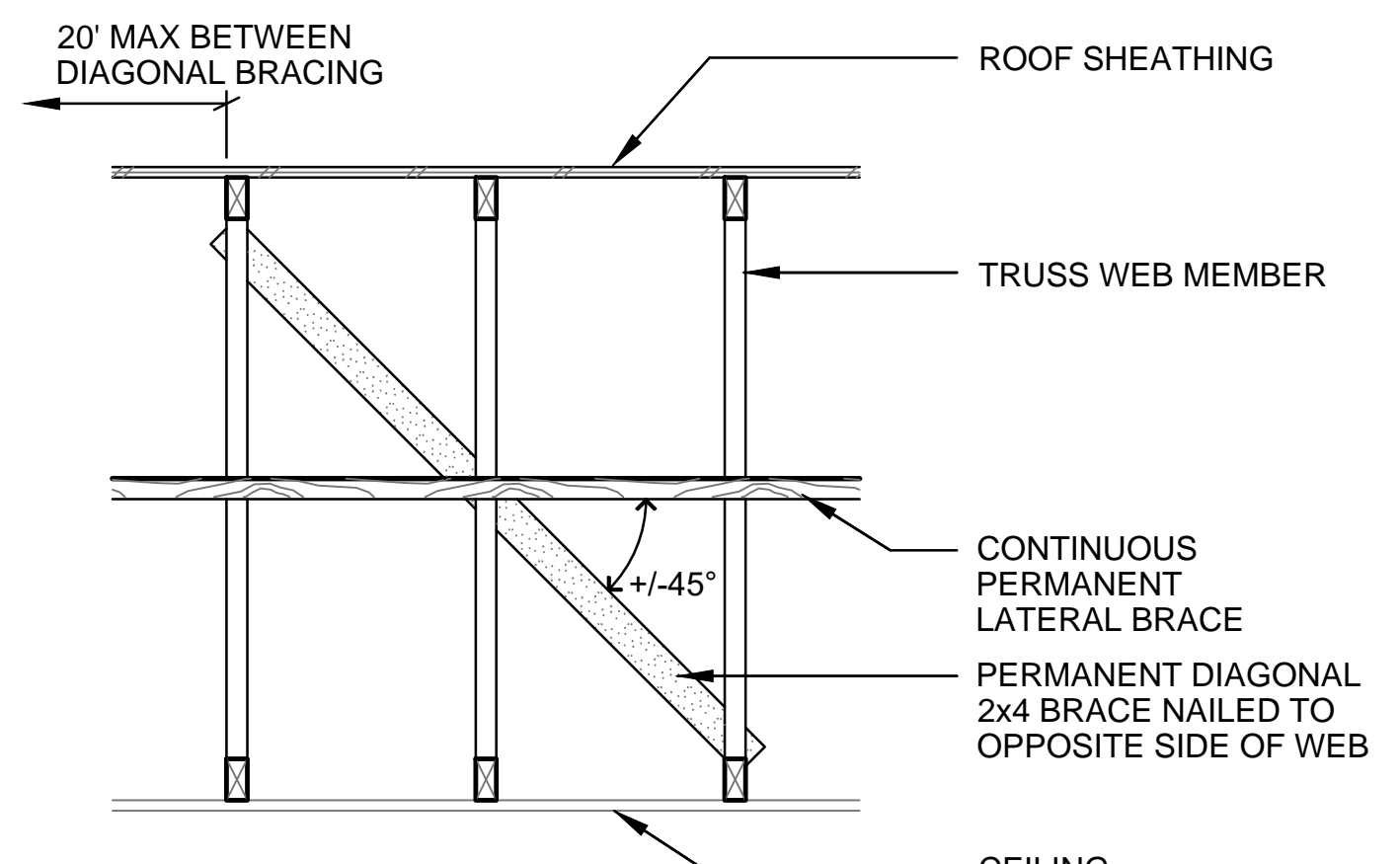


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1 PERMANENT TRUSS BRACING
S400

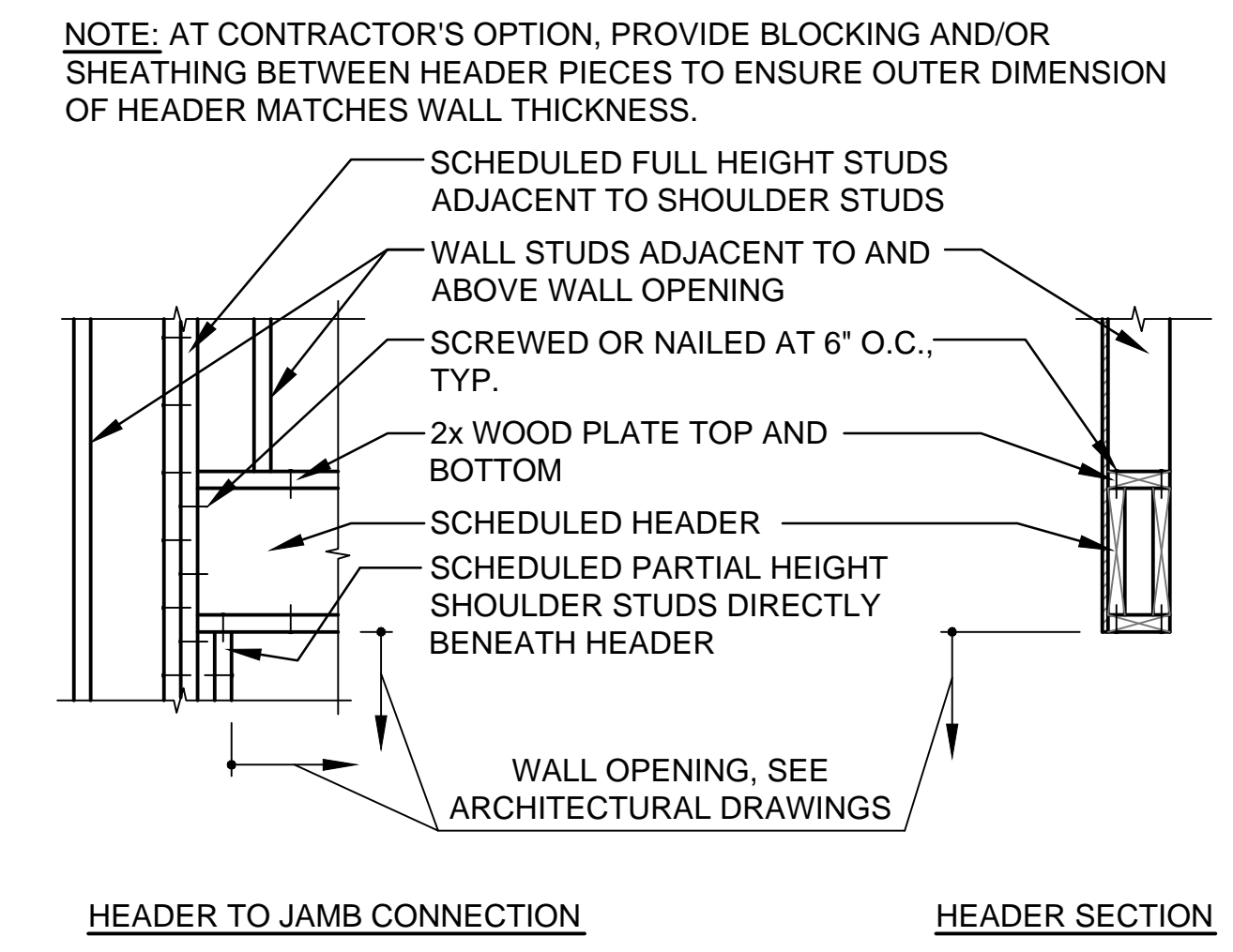


2 PERMANENT WEB BRACING
S400

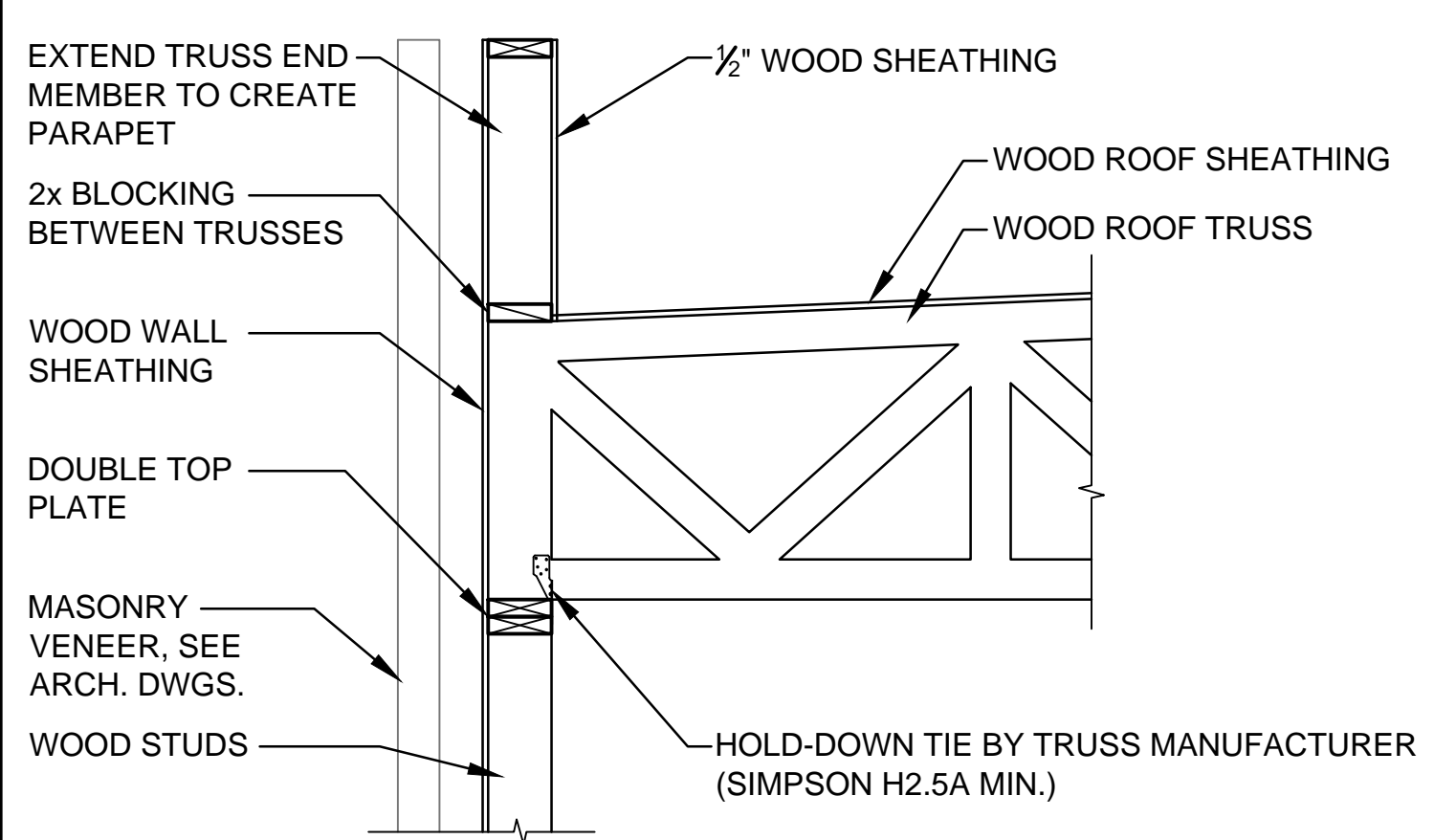
WOOD HEADER SCHEDULE		
HEADER NUMBER	HEADER MEMBER SIZE	JAMB MEMBER SIZE
H1 (NOTE 1)	(2) 2x6	(1) 2x4 SHOULDER STUD & (1) 2x4 FULL HEIGHT STUD
H2 (NOTE 2)	(2) 2x8	(1) 2x6 SHOULDER STUD & (1) 2x6 FULL HEIGHT STUD
H3	(3) 1 1/2"x11 1/4" LVL	(2) 2x6 SHOULDER STUD & (2) 2x6 FULL HEIGHT STUD

NOTES:
1. TYPICAL INTERIOR NON-LOAD BEARING MAN-DOOR WALL OPENING HEADER.
2. TYPICAL INTERIOR AND EXTERIOR LOAD BEARING MAN-DOOR OPENING HEADER.

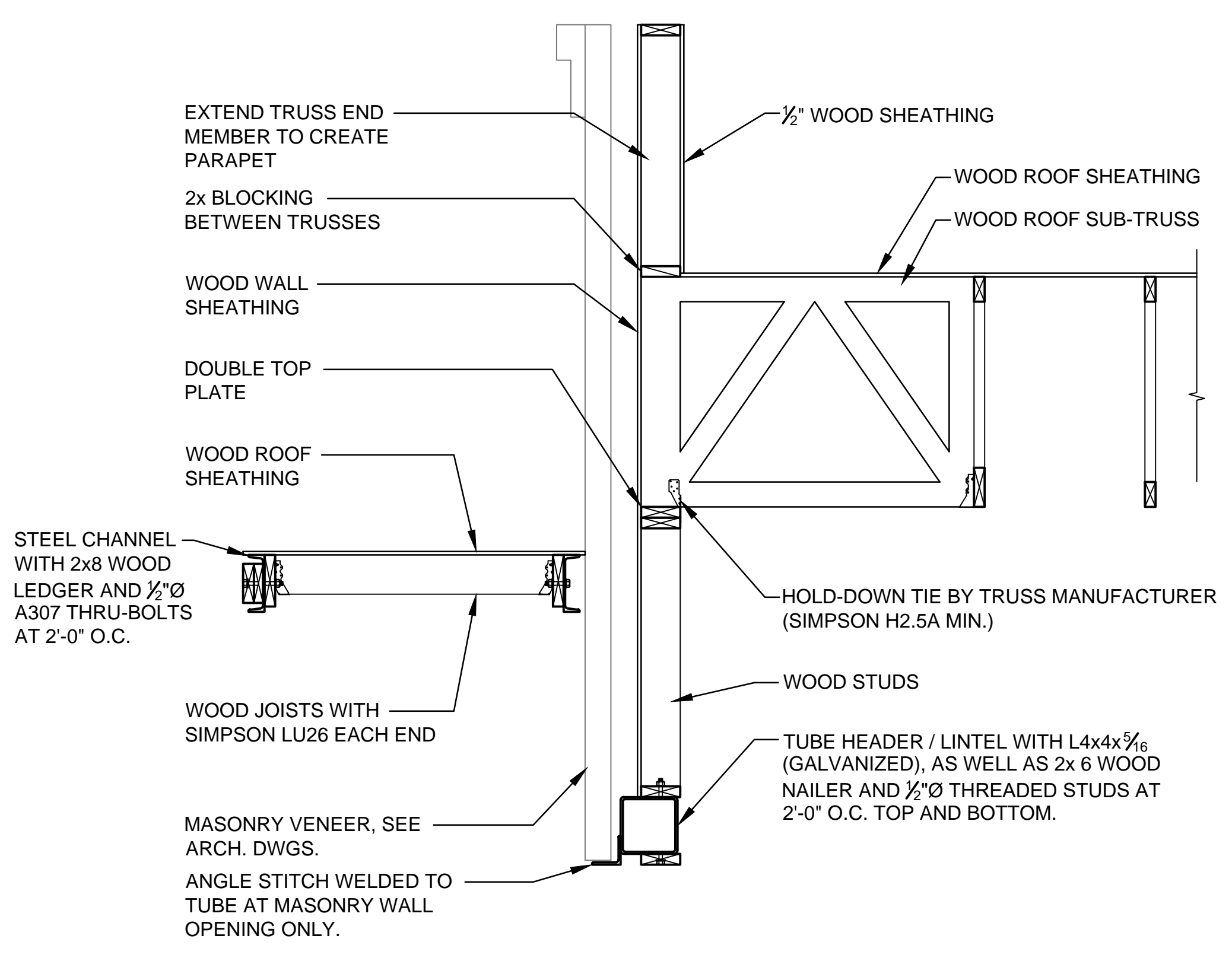
3 WOOD HEADER SCHEDULE AND DETAILS
S400 NOT TO SCALE



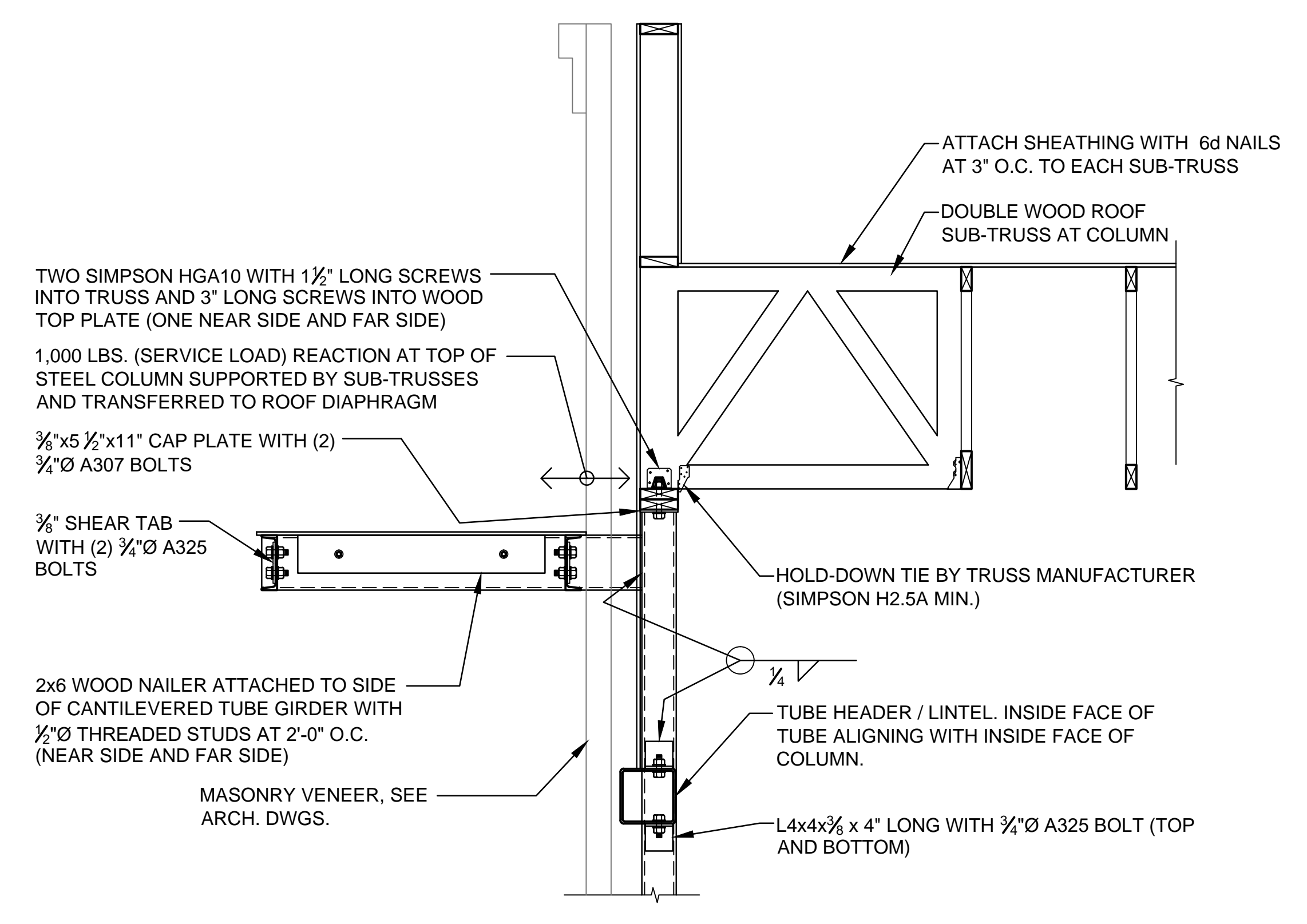
HEADER TO JAMB CONNECTION HEADER SECTION



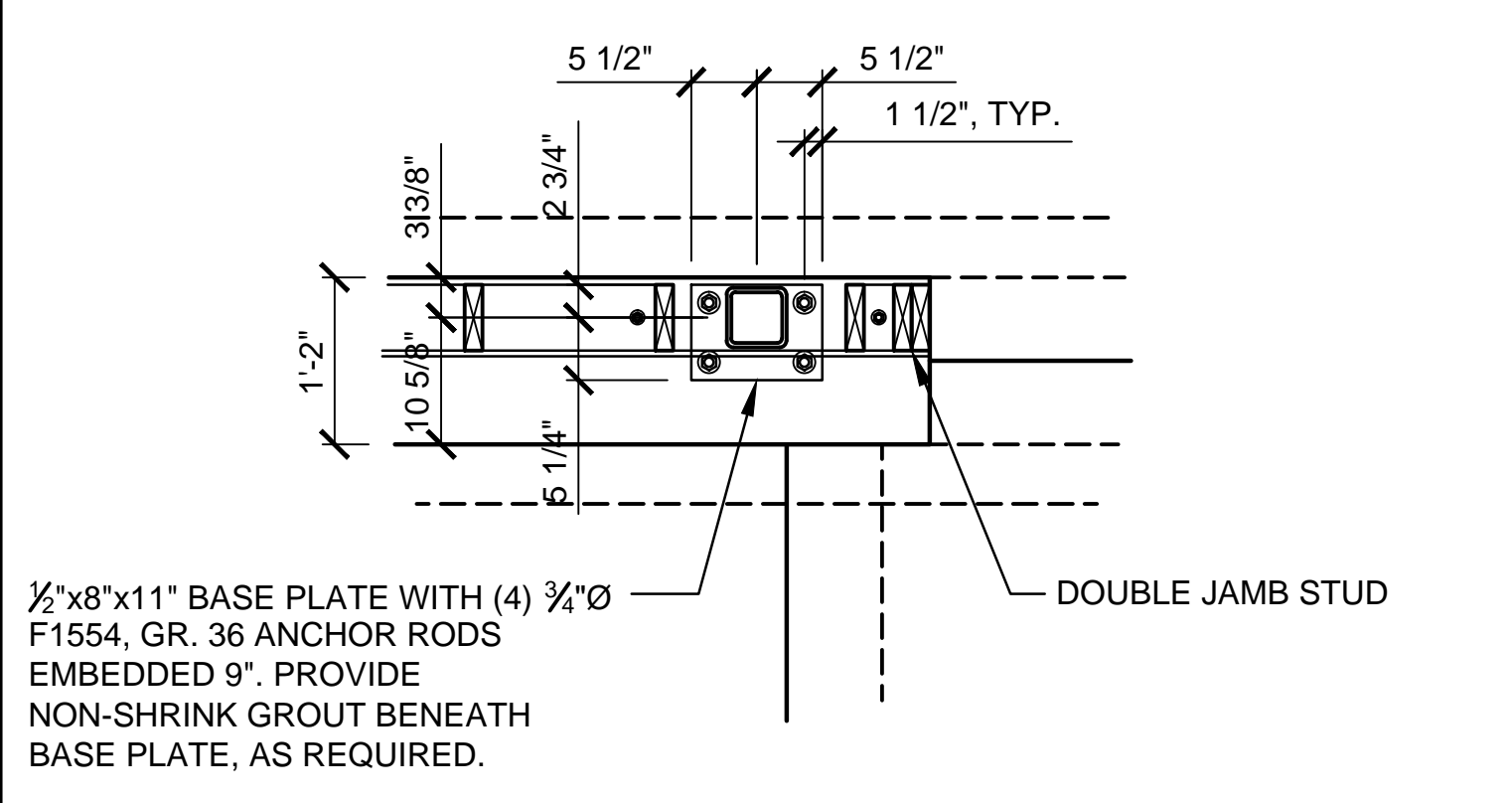
4 SECTION
S400



6 SECTION
S400



AT COLUMNS



5 SECTION
S400

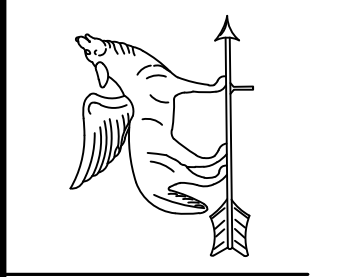
LINTEL SCHEDULE		
MARK	SYMBOL	DESCRIPTION
L1		L3 1/2"x3 1/2"x3/8

NOTES:
1. PROVIDE 8" OF BEARING ON SOLID GROUTED MASONRY EACH END.
2. STEEL LINTELS SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.

7 SECTION
S400

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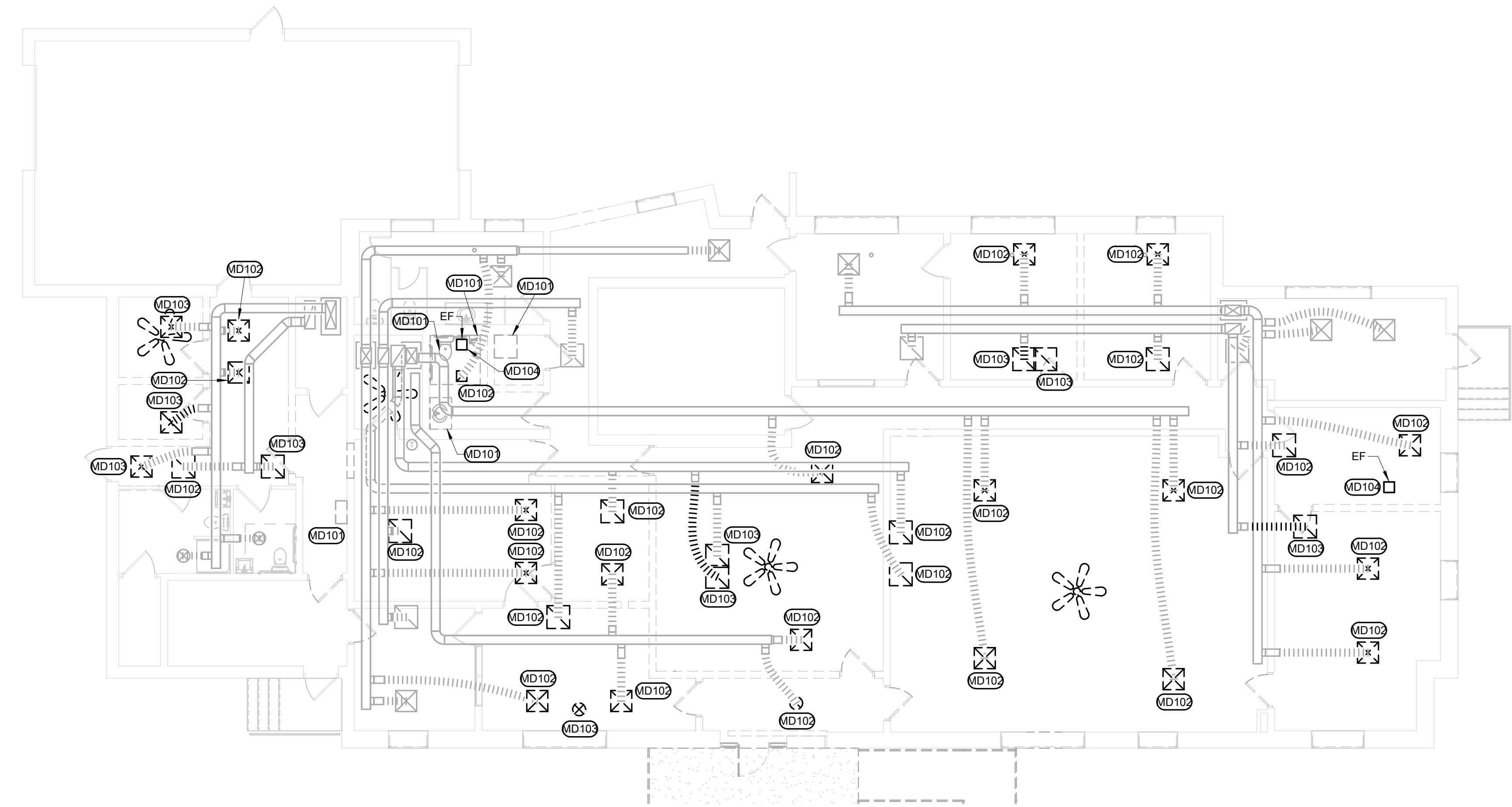
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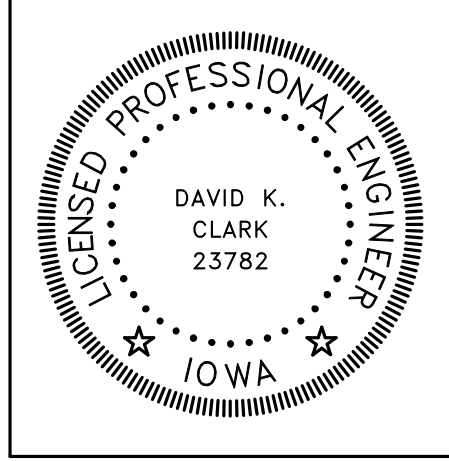
1 MECHANICAL DEMOLITION
1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

- A. NOT ALL DUCTWORK AND PIPING MAY NOT BE SHOWN ON THE DRAWINGS. CONTRACTOR SHALL INSPECT SITE PRIOR TO BIDDING TO REVIEW SCOPE OF WORK.
- B. CONTRACTOR TO PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED WHERE OPENINGS ARE MADE AS A RESULT OF DEMOLITION OF PIPING AND EQUIPMENT.
- C. REMOVE DEMOLISHED MATERIAL FROM SITE DAILY TO KEEP AREAS CLEAR OF ACCUMULATED DEBRIS.
- D. COORDINATE ALL DEMO WITH NEW WORK. SPACE TO BE OCCUPIED BY OWNER DURING CONSTRUCTION.
- E. CONTRACTOR TO VERIFY ALL DIFFUSERS AND GRILLES BEFORE DEMOLITION. NOT ALL MAY BE SHOWN ON THE PLANS. BRING TO THE ATTENTION OF THE ENGINEER ANY ITEMS NOT ON THE PLANS BEFORE DEMOLITION.

MECHANICAL SPECIFIC NOTES

- MD101 REMOVE EXISTING PLUMBING FIXTURE AND ALL ASSOCIATED PIPING BACK TO THE MAIN. CAP PIPING AT MAIN. FIELD VERIFY EXACT LOCATION. PATCH ANY OPENINGS AS REQUIRED. COORDINATE WITH GENERAL CONTRACTOR.
- MD102 REMOVE EXISTING SUPPLY/RETURN GRILLES AND DIFFUSERS AS SHOWN. FIELD VERIFY EXACT LOCATION. NEW DIFFUSER/GRILLE TO CONNECT TO EXISTING DUCTWORK.
- MD103 REMOVE EXISTING DUCTWORK AND SUPPLY/RETURN GRILLES AND DIFFUSERS AS SHOWN. CAP DUCT AT MAIN AS REQUIRED. REPAIR ANY OPENINGS AS REQUIRED. FIELD VERIFY EXACT LOCATION.
- MD104 REMOVE EXISTING EXHAUST DUCT AND FAN. REPAIR ANY OPENINGS AS REQUIRED. FIELD VERIFY EXACT LOCATION.



I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

David K. Clark
David K. Clark
3-14-2023

Iowa Registration Number: 23782
My license renewal date is December 31, 2023.
Pages or sheets covered by this seal:
M001, M101, M201, P101, P201



City of Oelwein
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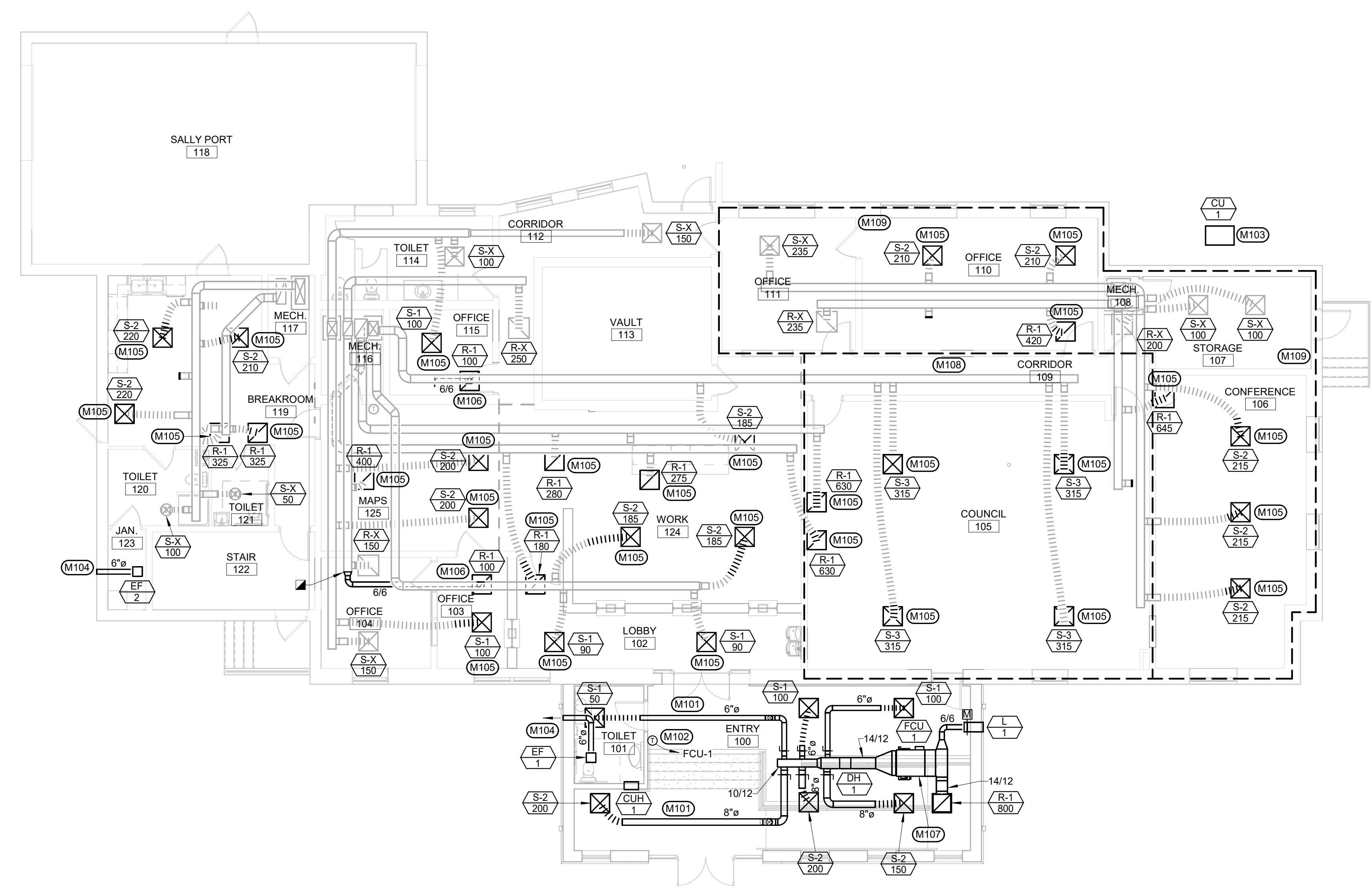


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① NEW-HVAC
1/8" = 1'-0"

GENERAL MECHANICAL NOTES:

- A. ALL WORK SHALL BE IN ACCORDANCE WITH THE BUILDING CODES ADOPTED BY THE STATE OF IOWA AND CITY OF OELWEIN, IA. INSTALL ALL EQUIPMENT PER THE MANUFACTURER'S RECOMMENDATIONS.
- B. INSTALL ALL EQUIPMENT PER THE MANUFACTURER'S RECOMMENDATIONS.
- C. FIRE CAULK ALL PIPE PENETRATIONS THAT PENETRATE FIRE RATED WALLS AND FLOOR/CEILING ASSEMBLIES. ALL NON RATED PENETRATIONS TO BE CAULKED TO REDUCE NOISE TRANSFER.
- D. CONTRACTOR TO CUT AND PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED FOR INSTALLATION OF PIPING AND EQUIPMENT.
- E. DRAWINGS DO NOT SHOW ALL PIPE ELEVATION CHANGES AND TRANSITIONS. CONTRACTOR TO INCLUDE PIPE FITTINGS OFFSETS AS NEEDED TO COORDINATE WITH EXISTING WORK AND OTHER TRADES.
- F. COORDINATE HANGER SUPPORT MATERIAL WITH STRUCTURAL CONDITIONS.
- G. COORDINATE NEW WORK WITH ALL OTHER TRADES.
- H. NOT ALL DUCT TRANSITIONS INCLUDING RISES, DROPS AND NECK DOWNS ARE SHOWN ON PLANS. CONTRACTOR SHALL SHOW ALL REQUIRED TRANSITIONS ON COORDINATION SHOP DRAWINGS. ASSUME SOME ARE REQUIRED TO OFFSET AROUND ARCHITECTURAL AND MEP ITEMS. COORDINATE WITH OTHER TRADES. PROVIDE OFFSET AS NECESSARY.
- I. PROVIDE TURNING VANES PER SMACNA IN ALL 90 DEGREE AND 45 DEGREE ELBOWS.
- J. DESIGN WAS BASED UPON OBSERVATIONS AND LIMITED CONFIRMATION OF DUCT DISTRIBUTION. CONTRACTOR SHALL VERIFY DUCT DISTRIBUTION AND SIZING BEFORE STARTING WORK. NOTIFY ENGINEER OF ANY DISCREPANCY THAT MAY REQUIRE MODIFICATION OF DESIGN.
- K. BALANCE EXISTING REMAINING DIFFUSERS AND GRILLES TO NEW CFM AS SHOWN ON PLANS.

MECHANICAL SPECIFIC NOTES

- M101 ROUTE DUCTWORK IN ATTIC SPACE ABOVE GYP CEILING. DOUBLE WRAP WITH INSULATION AS REQUIRED.
- M102 MOUNT THERMOSTAT AT 48 INCHES ABOVE FINISHED FLOOR.
- M103 MOUNT CONDENSING UNIT ON 4" THICK CONCRETE PAD. EXTEND PAD 6" BEYOND UNIT IN ALL DIRECTIONS. ROUTE REFRIGERANT PIPING TO ASSOCIATED COOLING COIL. SIZE AS PER MANUFACTURER'S RECOMMENDATIONS.
- M104 6 INCH EXHAUST DUCT OUT THROUGH SIDE WALL. TERMINATE WITH HOODED WALL CAP.
- M105 CONNECT TO EXISTING SUPPLY / RETURN DUCTWORK SERVING NEARBY DEMOLISHED DIFFUSER / GRILLE. FIELD VERIFY EXACT LOCATION OF DUCTWORK. ASSUME SOME DUCT MODIFICATION OR EXTENSION IS REQUIRED.
- M106 PROVIDE DUCT CONNECTION FROM NEW DIFFUSER OR GRILLE TO EXISTING DUCT MAIN SERVING THE SPACE. FIELD VERIFY EXACT LOCATION.
- M107 PROVIDE WITH NEOPRENE HANGER MOUNT VIBRATION ISOLATORS.
- M108 THIS WORK IS PART OF ALTERNATE BID A-1.
- M109 THIS WORK IS PART OF ALTERNATE BID A-2.

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City of Oelwein
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MECHANICAL SYMBOLS

—CW— COLD WATER PIPE	—HW— HOT WATER PIPE	—RHW— CIRCULATING HOT WATER PIPE
—UCW— UNDERGROUND COLD WATER PIPE	—UHW— UNDERGROUND HOT WATER PIPE	—URHW— UNDERGROUND CIRCULATING HOT WATER PIPE
—SAN— UNDERFLOOR WASTE PIPE	—SAN— ABOVE FLOOR WASTE PIPE	—V— VENT PIPE
—ST— UNDERFLOOR STORM PIPE	—ST— ABOVE FLOOR STORM PIPE	
—OST— UNDERFLOOR OVERFLOW STORM PIPE	—OST— ABOVE FLOOR OVERFLOW STORM PIPE	
—PD— PUMP DISCHARGE	—PD— PUMP DISCHARGE	
—AW— UNDERFLOOR ACID WASTE PIPE	—AW— ABOVE FLOOR ACID RESISTANT WASTE PIPE	—AV— ACID RESISTANT VENT PIPE
—S— COLD SOFT WATER PIPE	—SHW— SOFT HOT WATER PIPE	—SRHW— SOFT CIRCULATING HOT WATER PIPE
—CA— COMPRESSED AIR PIPE	—LS— LAWN SPRINKLER PIPE	△ COMPRESSED AIR OUTLET
—HPS— HIGH PRESSURE STEAM	—MPS— MEDIUM PRESSURE STEAM	—LPS— LOW PRESSURE STEAM
—HPR— HIGH PRESSURE RETURN	—MPR— MEDIUM PRESSURE RETURN	—LPR— LOW PRESSURE RETURN
—PC— PUMPED CONDENSATE PIPE		
—G— NATURAL GAS	—LP— LIQUEFIED PETROLEUM GAS	
—HWS— HOT WATER HEATING SUPPLY	—HWR— HOT WATER HEATING RETURN	
—CWS— CHILLED WATER SUPPLY PIPE	—CWR— CHILLED WATER RETURN PIPE	
—CS— CONDENSER WATER SUPPLY PIPE	—CR— CONDENSER WATER RETURN PIPE	
—HPWS— HEAT PUMP WATER SUPPLY	—HPWR— HEAT PUMP WATER RETURN	
—GLWS— GROUND LOOP WATER SUPPLY	—GLWR— GROUND LOOP WATER RETURN	
—FOS— FUEL OIL SUPPLY	—FOR— FUEL OIL RETURN	
—FOV— FUEL OIL VENT	—FOG— FUEL OIL GAUGE	
—RL— REFRIGERANT LIQUID PIPE	—RS— REFRIGERANT SUCTION PIPE	—HG— HOT GAS
—O— OXYGEN PIPE	—VAC— CLINICAL AND LAB VACUUM	—GE— GAS EVACUATION PIPE
—NO— NITROUS OXIDE PIPE	—N— NITROGEN PIPE	—A— CLINICAL AND LAB AIR PIPE
△ OXYGEN OUTLET	△ CLINICAL AND LAB VACUUM OUTLET	△ GAS EVACUATION OUTLET
△ NITROUS OXIDE OUTLET	△ NITROGEN OUTLET	△ CLINICAL AIR OUTLET
—D— EQUIPMENT DRAIN	DS DOWN SPOUT	FD FIRE DEPT. HOSE VALVE
—F— FIRE SPRINKLER PIPE	SP STAND PIPE	
○ PENDANT TYPE SPRINKLER HEAD	○ UPRIGHT SPRINKLER HEAD	○ RECESSED SPRINKLER HEAD
● CONCEALED SPRINKLER HEAD	● POST INDICATOR VALVE	
— PIPE CONNECTION	— AIR VENT	— FLOW ALARM
○ ELBOW DOWN	○ FLOW MEASURING DEVICE	○ PRESSURE/TEMPERATURE TAP
○ ELBOW UP	○ EXPANSION JOINT, PIPE GUIDE	○ PRESSURE GAUGE
— TEE DOWN	— CAPPED OUTLET	— STATIC PRESSURE SENSOR
— PIPE PITCH DOWN	— SHUT OFF VALVE	— THERMOMETER
— DIRECTION OF FLOW	— BALANCING VALVE	— STRAINER
— PIPE ANCHOR	— CONTROL VALVE	— STEAM TRAP
— REDUCER OR INCREASER	— 3-WAY CONTROL VALVE	— BACK FLOW PREVENTER
— UNION	— PRESSURE REDUCING VALVE	— FLOW CONTROL VALVE
— FLEXIBLE PIPE CONNECTION	— PRESSURE RELIEF VALVE	— STRAINER VALVE
WH WALL HYDRANT	— DOMESTIC WATER TEMPERING VALVE	— PRESSURE SENSOR DIFFERENTIAL
HO HOSE BIB	— CHECK VALVE	— THERMOSTAT
CO CLEAN OUT ABOVE FLOOR	— CURB STOP	— NIGHT THERMOSTAT
WCO WALL CLEAN OUT		— THERMOSTAT W/LOCKABLE COVER
CO CLEAN OUT IN FLOOR	RD ROOF DRAIN	— HUMIDISTAT
FD FLOOR DRAIN	ORD OVERFLOW ROOF DRAIN	— FLOW SWITCH
FS FLOOR SINK	AD AREA DRAIN	— DEMOLITION HATCHING
— RADIATION ELEMENT	— CONNECT TO EXIST. SERVICE	
— TYPE RADIATION DESIGNATION		
— RADIATION ELEMENT LENGTH		

VENTILATION SYMBOLS

□ SUPPLY DUCT (UP & DOWN)	□ RETURN DUCT (UP & DOWN)	□ EXHAUST DUCT (UP & DOWN)	W STANDARD RADIUS ELBOW R EQUAL W (MINIMUM)	DUCT TURN WITH TURN VANES	FLEXIBLE DUCT CONNECTION	SPIRAL DUCTWORK	LOW PRESSURE DUCTWORK MAX 2" W.G. PRESSURE	MEDIUM PRESSURE DUCTWORK 2"-8" W.G. PRESSURE	F - FIRE DAMPER M - MOTORIZED DAMPER S - SMOKE DAMPER B - BACKDRAFT DAMPER C - COMBINATION FIRE SMOKE DAMPER	MANUAL VOLUME DAMPER	BRANCH DUCT INTO SIDE OF MAIN DUCT	DUCT RISE OR DROP IN DIRECTION OF AIR FLOW	DUCT DIMENSION- WIDTH x DEPTH	DUCT INSULATION (SEE SPECIFICATION)	DUCT TURN AND AIR SPLIT TYPE TAKEOFF (NON-ADJUSTABLE)	GRILLE, REGISTER & DIFFUSER DESIGNATION SUPPLY, RETURN, EXHAUST, & TRANSFER	EQUIPMENT DESIGNATION	FLEX DUCT (5" MAXIMUM)

SPLIT HEAT PUMP SYSTEM SCHEDULE

UNIT NO	EQUIPMENT TYPE	MANUFACTURER'S DESIGNATION	SERVES	CFM	COOLING		HEATING		ELECTRIC			NOTES
					MBH	SEER	MBH	HSPF	V/PH/Hz	MCA	MOCPP	
FCU-1	INDOOR CEILING FAN COIL	DAIKIN - FDM24RVJU	ENTRY	800	24	18.6	24	10	-	-	-	1,2,3
CU-1	OUTDOOR AIR CONDITIONER	DAIKIN - RXL24UMVJUA	ENTRY	-	24	18.6	24	10	208/1/60	19.8	20	4,5

NOTES: 1. PROVIDE WITH MERV 8 FILTERS.
2. PROVIDE WITH CONDENSATE PUMP AND ROUTE CONDENSATE LINE TO MOP SINK.
3. POWERED BY OUTDOOR UNIT.
4. PROVIDE UNIT MOUNTED DISCONNECT.
5. PROVIDE PAD FOR GROUND MOUNTED INSTALLATION.

DUCT HEATER SCHEDULE

UNIT NO	MANUFACTURER'S DESIGNATION	OPTIONS	DUCT DIMENSIONS			ELECTRICAL				NOTES	
			W	H	D	KW	STAGES	V	PH		Hz
DH-1	INDEECO - QUA	C1,L6,M6,Q,Q3,T2,U6,Z2	14"	12"	8"	6	1	208	1	60	1

NOTES: CONTROL WITH THERMOSTAT SERVING FCU-1.

ELECTRIC CABINET UNIT HEATER SCHEDULE

ITEM NO	MANUFACTURER'S DESIGNATION	KW	BTUHR	ELECTRIC V/PH	NOTES
CUH-1	TRANE UHW031A2AT	3	10,239	208/1	1,2,3

NOTES: 1. PROVIDE BUILT-IN DISCONNECT SWITCH.
2. RECESS UNIT INTO WALL.
3. PROVIDE UNIT MOUNTED TAMPER PROOF THERMOSTAT.

FAN SCHEDULE

UNIT NO	MANUFACTURER'S DESIGNATION	CFM	S.P.D. (IN)	TOTAL WATTS	MOTOR HP	ELEC. V/PH	SONES	NOTES
EF-1	GREENHECK SP-110-VG	70	0.375	8	-	115/1	0.3	1-5
EF-2	GREENHECK SP-110-VG	70	0.375	8	-	115/1	0.3	1-4,6

NOTES: 1. PROVIDE WITH FACTORY INSTALLED BACKDRAFT DAMPER AND BIRDSCREEN.
2. PROVIDE WITH STANDARD PREWired DISCONNECT.
3. ENERGY STAR RATED IF AVAILABLE.
4. PROVIDE WITH HOODED WALL CAP OR ROOF CAP. ARCHITECT TO SELECT COLOR.
5. FAN SHALL BE ENERGIZED VIA THE LIGHT SWITCH IN THEIR RESPECTIVE ROOM.
6. FAN SHALL RUN CONTINUOUSLY.

LOUVER SCHEDULE

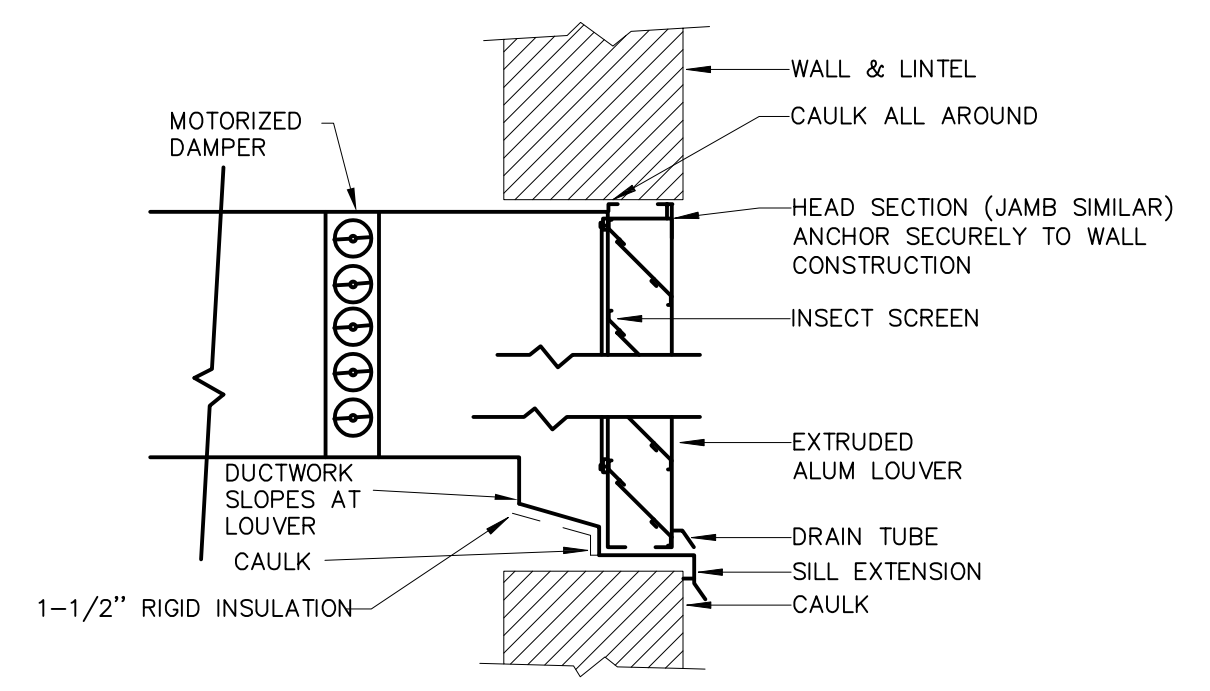
UNIT NO	MANUFACTURER'S DESIGNATION	FUNCTION	SIZE W" X H"	CFM	S.P. (IN. W.G.)	FREE AREA VELOCITY (FPM)	REMARKS
L-1	GREENHECK ESD-403	FCU-1 OA	12 x 12	100	0.02	330	1-5

NOTES: 1. PROVIDE WITH BIRD SCREEN.
2. ARCHITECT TO SELECT COLOR FROM MANUFACTURER'S STANDARD COLOR SELECTIONS.
3. ALUMINUM CONSTRUCTION WITH BAKED ENAMEL FINISH.
4. COORDINATE FRAME TYPE WITH ARCHITECTURE DETAILS.
5. PROVIDE WITH LOW VOLTAGE MOTORIZED DAMPER. INTERLOCK WITH FAN COIL FAN OPERATION.

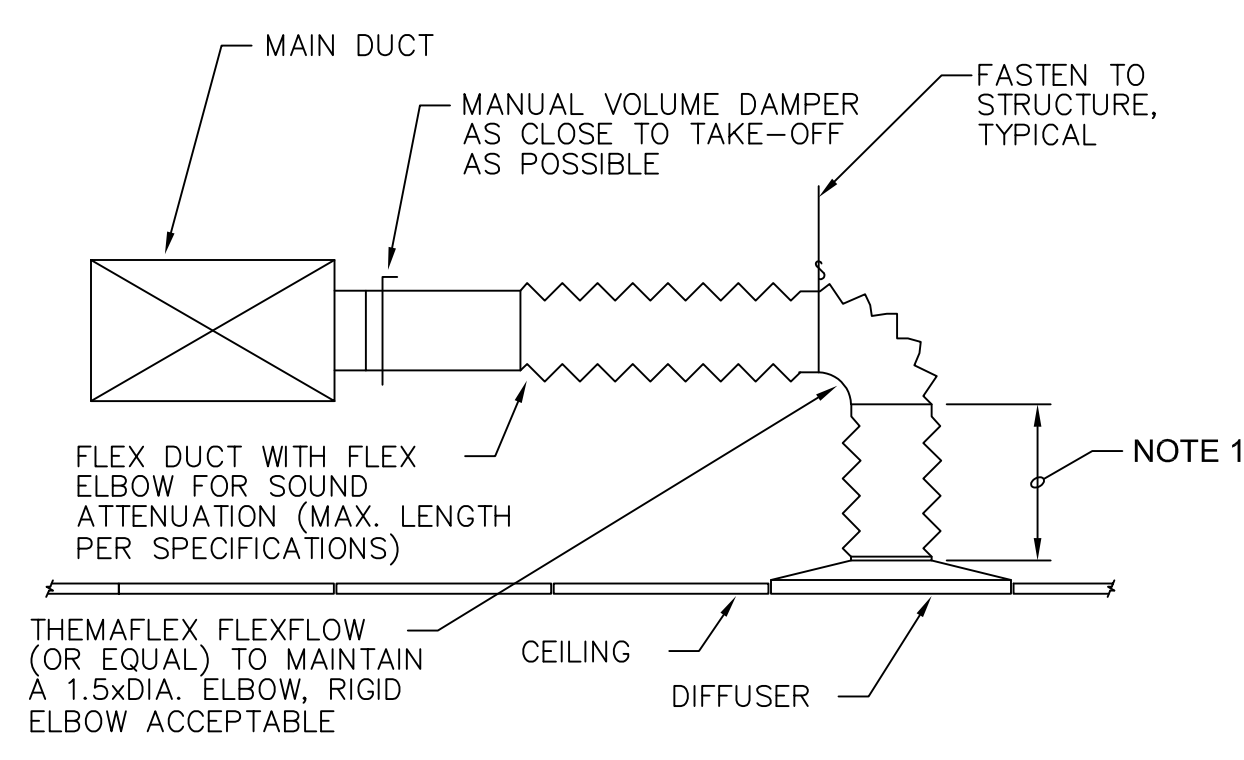
REGISTER GRILLES AND DIFFUSER SCHEDULE

UNIT NO	MANUFACTURER'S DESIGNATION	NOMINAL SIZE	THROAT SIZE	MAX CFM	THROW	T.P.D. (IN)	NC	REMARKS
S-1	TITUS - OMNI	24" x 24"	6"	175	3-4-8	0.06	17	1,2,3
S-2	TITUS - OMNI	24" x 24"	8"	250	3-5-10	0.06	12	1,2,3
S-3	TITUS - OMNI	24" x 24"	10"	430	5-8-14	0.11	20	1,2,3
S-X	EXISTING SUPPLY	-	-	-	-	-	-	5
R-1	TITUS - 50F	24" x 24"	22" x 22"	2200	-	0.10	20	1,4
R-X	EXISTING RETURN	-	-	-	-	-	-	5

NOTES: 1. COORDINATE FRAME STYLE WITH CEILING, WALL, SILL AND/OR DUCT.
2. NECK SIZE TO MATCH DUCT SIZE UNLESS NOTED OTHERWISE.
3. TRANSITION DUCT AS REQUIRED TO THROAT SIZE OF GRILLE OR REGISTER.
4. PROVIDE OR BUILD A SHEETMETAL BACK PAN FOR EXHAUST OR RETURN DUCT CONNECTION.
5. BALANCE AIRFLOWS TO NEW CFM SHOWN ON PLANS.



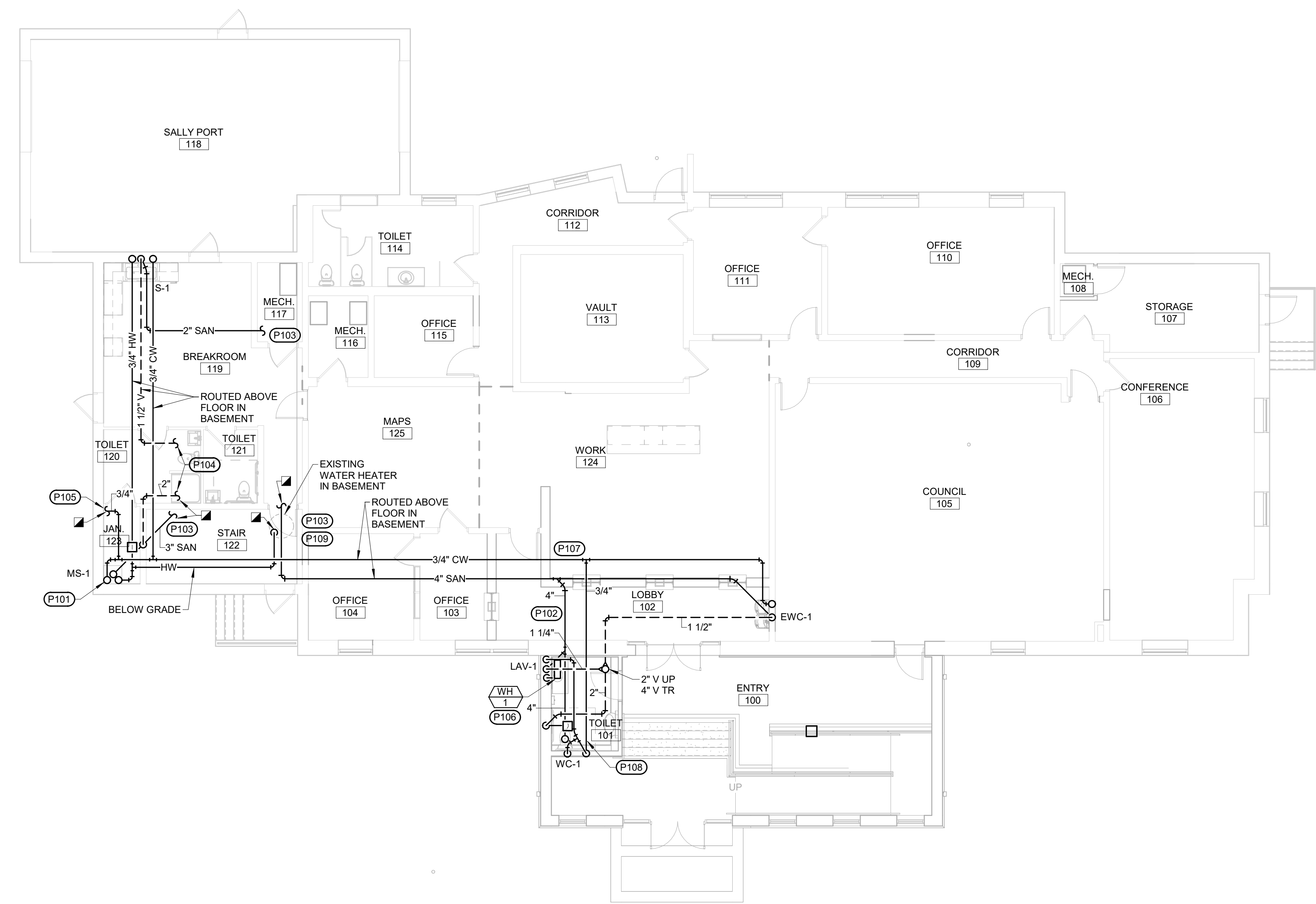
1 INTAKE LOUVER NOT TO SCALE



NOTES: 1. INSTALL ONE DUCT DIAMETER OF STRAIGHT DUCTWORK WHEREVER POSSIBLE.

2 TYPICAL DIFFUSER BRANCH DETAIL NO SCALE

Project Status: 03/14/23	REVISION	DATE
	NUMBER	



GENERAL PLUMBING NOTES:

- A. ALL WORK SHALL BE IN ACCORDANCE WITH THE BUILDING CODES ADOPTED BY THE STATE OF IOWA AND CITY OF OELWEIN, IA. INSTALL ALL EQUIPMENT PER THE MANUFACTURER'S RECOMMENDATIONS.
- B. COORDINATE THE PLUMBING WITH THE WORK OF ALL OTHER TRADES.
- C. INSTALL ALL EQUIPMENT PER THE MANUFACTURER'S RECOMMENDATIONS.
- D. FIRE CAULK ALL PIPE PENETRATIONS THAT PENETRATE FIRE RATED WALLS AND FLOOR/CEILING ASSEMBLIES.
- E. CONTRACTOR TO CUT AND PATCH WALLS, FLOORS, AND CEILINGS AS REQUIRED FOR INSTALLATION OF PIPING AND EQUIPMENT.
- F. DRAWINGS DO NOT SHOW ALL PIPE ELEVATION CHANGES AND TRANSITIONS. CONTRACTOR TO INCLUDE PIPE FITTINGS OFFSETS AS NEEDED TO COORDINATE WITH EXISTING WORK AND OTHER TRADES.
- G. COORDINATE HANGER SUPPORT MATERIAL WITH STRUCTURAL CONDITIONS.
- H. DRAWINGS DO NOT SHOW ALL ISOLATION VALVES. INCLUDE VALVES ON BRANCH TAKE-OFFS OF PIPING MAINS.

PLUMBING SPECIFIC NOTES

- P101 FURR OUT WALL TO ALLOW FOR HOT AND COLD WATER PIPE.
- P102 SAW CUT FLOOR AS REQUIRED TO INSTALL ALL UNDERFLOOR NEW PIPING. PATCH TO MATCH EXISTING. COORDINATE WITH GENERAL CONTRACTOR.
- P103 CONNECT TO EXISTING SANITARY LINES ABOVE GRADE IN BASEMENT. FIELD VERIFY EXACT LOCATION.
- P104 CONNECT TO EXISTING VENT LINE SERVING RESTROOM. FIELD VERIFY EXACT LOCATION.
- P105 CONNECT TO EXISTING INCOMING COLD WATER MAIN IN BASEMENT. FIELD VERIFY EXACT LOCATION.
- P106 INSTALL WATER HEATER BELOW LAVATORY.
- P107 PIPING TO BE INSTALLED IN EXISTING TUNNEL. FIELD VERIFY EXACT LOCATION.
- P108 COLD WATER PIPING BELOW GRADE TO BE ONE CONTINUOUS PIECE OF PIPE.
- P109 CONNECT TO EXISTING HOT WATER LINE AT WATER HEATER. FIELD VERIFY EXACT LOCATION.

1 NEW- PLUMBING
1/8" = 1'-0"

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P101
B122089

UNDERFLOOR SANITARY AND VENT

MECHANICAL SYMBOLS

—CW— COLD WATER PIPE	—HW— HOT WATER PIPE	—RHW— CIRCULATING HOT WATER PIPE
—CW— UNDERGROUND COLD WATER PIPE	—HW— UNDERGROUND HOT WATER PIPE	—RHW— UNDERGROUND CIRCULATING HOT WATER PIPE
—SAN— UNDERFLOOR WASTE PIPE	—SAN— ABOVE FLOOR WASTE PIPE	—V— VENT PIPE
—ST— UNDERFLOOR STORM PIPE	—ST— ABOVE FLOOR STORM PIPE	
—OST— UNDERFLOOR OVERFLOW STORM PIPE	—OST— ABOVE FLOOR OVERFLOW STORM PIPE	
—PD— PUMP DISCHARGE	—PD— PUMP DISCHARGE	
—AW— UNDERFLOOR ACID WASTE PIPE	—AW— ABOVE FLOOR ACID RESISTANT WASTE PIPE	—AV— ACID RESISTANT VENT PIPE
—S— COLD SOFT WATER PIPE	—SHW— SOFT HOT WATER PIPE	—SRHW— SOFT CIRCULATING HOT WATER PIPE
—CA— COMPRESSED AIR PIPE	—LS— LAWN SPRINKLER PIPE	△ COMPRESSED AIR OUTLET
—HPS— HIGH PRESSURE STEAM	—MPS— MEDIUM PRESSURE STEAM	—LPS— LOW PRESSURE STEAM
—HPR— HIGH PRESSURE RETURN	—MPR— MEDIUM PRESSURE RETURN	—LPR— LOW PRESSURE RETURN
—PC— PUMPED CONDENSATE PIPE		
—G— NATURAL GAS	—LP— LIQUEFIED PETROLEUM GAS	
—HWS— HOT WATER HEATING SUPPLY	—HWR— HOT WATER HEATING RETURN	
—CWS— CHILLED WATER SUPPLY PIPE	—CWR— CHILLED WATER RETURN PIPE	
—CS— CONDENSER WATER SUPPLY PIPE	—CR— CONDENSER WATER RETURN PIPE	
—HPWS— HEAT PUMP WATER SUPPLY	—HPWR— HEAT PUMP WATER RETURN	
—GLWS— GROUND LOOP WATER SUPPLY	—GLWR— GROUND LOOP WATER RETURN	
—FOS— FUEL OIL SUPPLY	—FOR— FUEL OIL RETURN	
—FOV— FUEL OIL VENT	—FOG— FUEL OIL GAUGE	
—RL— REFRIGERANT LIQUID PIPE	—RS— REFRIGERANT SUCTION PIPE	—HG— HOT GAS
—O— OXYGEN PIPE	—VAC— CLINICAL AND LAB VACUUM	—GE— GAS EVACUATION PIPE
—NO— NITROUS OXIDE PIPE	—N— NITROGEN PIPE	—A— CLINICAL AND LAB AIR PIPE
△ OXYGEN OUTLET	△ CLINICAL AND LAB VACUUM OUTLET	△ GAS EVACUATION OUTLET
△ NITROUS OXIDE OUTLET	△ NITROGEN OUTLET	△ CLINICAL AIR OUTLET
—D— EQUIPMENT DRAIN	DS DOWN SPOUT	FD FIRE DEPT. HOSE VALVE
—F— FIRE SPRINKLER PIPE	SP STAND PIPE	
○ PENDANT TYPE SPRINKLER HEAD	○ UPRIGHT SPRINKLER HEAD	○ RECESSED SPRINKLER HEAD
● CONCEALED SPRINKLER HEAD	● POST INDICATOR VALVE	
— PIPE CONNECTION	— AIR VENT	— FLOW ALARM
— ELBOW DOWN	— FLOW MEASURING DEVICE	— PRESSURE/TEMPERATURE TAP
— ELBOW UP	— EXPANSION JOINT, PIPE GUIDE	— PRESSURE GAUGE
— TEE DOWN	— CAPPED OUTLET	— STATIC PRESSURE SENSOR
— PIPE PITCH DOWN	— SHUT OFF VALVE	— THERMOMETER
— DIRECTION OF FLOW	— BALANCING VALVE	— STRAINER
— PIPE ANCHOR	— CONTROL VALVE	— STEAM TRAP
— REDUCER OR INCREASER	— 3-WAY CONTROL VALVE	— BACK FLOW PREVENTER
— UNION	— PRESSURE REDUCING VALVE	— FLOW CONTROL VALVE
— FLEXIBLE PIPE CONNECTION	— PRESSURE RELIEF VALVE	— STRAINER VALVE
WH WALL HYDRANT	— DOMESTIC WATER TEMPERING VALVE	— PRESSURE SENSOR DIFFERENTIAL
HO HOSE BIB	— CHECK VALVE	— THERMOSTAT
CO CLEAN OUT ABOVE FLOOR	— CURB STOP	— NIGHT THERMOSTAT
WCO WALL CLEAN OUT		— THERMOSTAT W/LOCKABLE COVER
CO CLEAN OUT IN FLOOR	RO ROOF DRAIN	— HUMIDISTAT
FD FLOOR DRAIN	ORF OVERFLOW ROOF DRAIN	— FLOW SWITCH
FS FLOOR SINK	AD AREA DRAIN	— DEMOLITION HATCHING
— RADIATION ELEMENT	— CONNECT TO EXIST. SERVICE	
RAD-1 TYPE RADIATION DESIGNATION		
5'-0" FINISHED ELEMENT LENGTH		

PLUMBING FIXTURE SCHEDULE

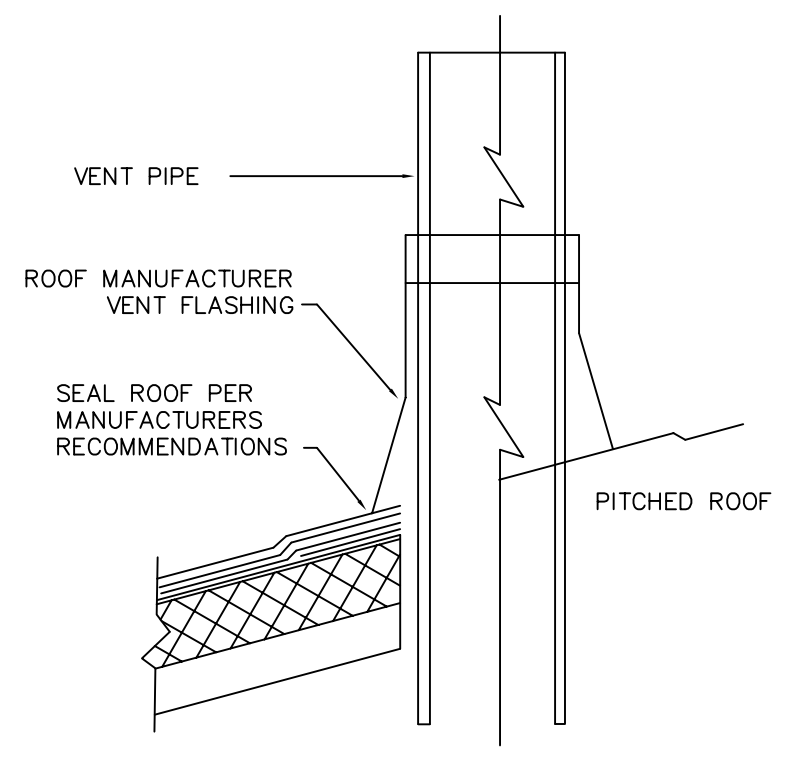
FIXTURE NO	MANUFACTURER'S DESIGNATION	FIXTURE TYPE	MATERIAL	WASTE		FAUCET		MISC.	SUPPLY		NOTES
				WASTE	VENT	MFGR MODEL	CW		HW		
WC-1	AMERICAN STANDARD 2467 016	ADA FLOOR MOUNT WATER CLOSET	VITREOUS CHINA	4"	2"	-	-	PRESSURE ASSISTED FLUSH	3/4"	-	1,2
LAV-1	KOHLER - K-2714	DROP IN LAVATORY	VITREOUS CHINA	1-1/4"	1-1/4"	DELTA - S91T0250-BB	-	-	1/2"	1/2"	2,3,4
MS-1	FIAT MSB2424	MOP SINK	-	3"	2"	FIAT 830-AA	-	-	3/4"	3/4"	5
EWC-1	ELKAY LZSTL8WLSLK	DUAL HEIGHT WATER COOLER	STAINLESS STEEL	1-1/2"	1-1/2"	-	-	EZH20 BOTTLE FILLING STATION	1/2"	1/2"	2,6
S-1	ELKAY - LR3322	DOUBLE BOWL KITCHEN SINK	STAINLESS STEEL	1-1/2"	1-1/2"	DELTA - B4310LF	-	-	1/2"	1/2"	7

NOTES:
 1. PROVIDE WITH WHITE OPEN SEAT.
 2. MOUNT FIXTURE AT ADA REQUIRED HEIGHT CONFIGURATION.
 3. PROVIDE WITH POWERS LF E-480-10 MIXING VALVE OR EQUAL.
 3. PROVIDE WITH 24V TRANSFORMER AND BATTERY BACKUP.
 5. INCLUDE FIAT 889-CC, 832-AA, AND 833-AA MOP HANGER, HOSE, AND BRACKET.
 6. PROVIDE WITH EZH20 BOTTLE FILLING STATION.
 7. PROVIDE WITH INSINKERATOR COMPACT 34 HP FOOD WASTE DISPOSER.

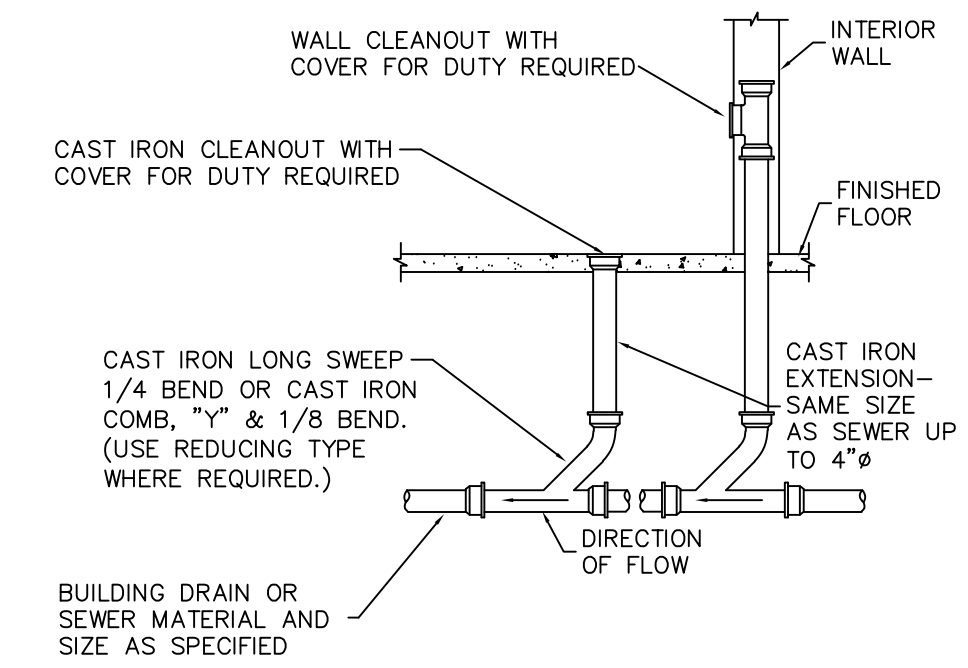
ELECTRIC WATER HEATER - POINT OF USE

UNIT NO	MANUFACTURER'S DESIGNATION	LOCATION	SERVICE	WATER		REQUIRED GPM	TURN ON GPM	ELECTRICAL			NOTES
				EWT (DEG F)	LWT (DEG F)			KW	VPH	AMPS	
WH-1	EEMAX SPEX3208	TOILET 189	HAND WASH	50	91	0.5	0.25	3	208/1	15	1,2

NOTES:
 1. MOUNT UNIT IN CABINET BELOW SINK OR BELOW SINK WITHOUT A CABINET.
 2. RHEEM, AO SMITH, AND STBEL ELTRON ARE APPROVED ALTERNATIVE MANUFACTURERS. FOR OTHER MANUFACTURERS, FOLLOW SUBMITTAL PROCEDURE OUTLINED IN SPECS.



① PLUMBING VENT DETAIL
NO SCALE



② CLEANOUTS DETAIL
NOT TO SCALE

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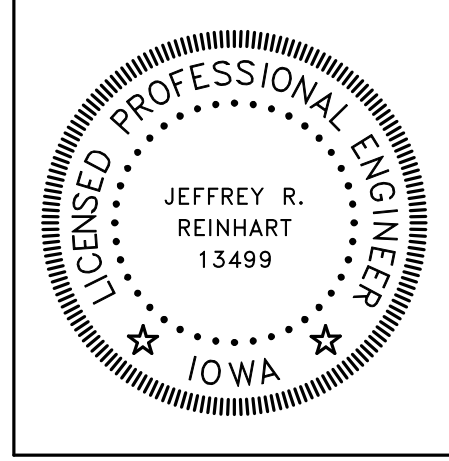


1 ELECTRICAL DEMOLITION
1/8" = 1'-0"

- ELECTRICAL SPECIFIC NOTES**
- E001 ELECTRICAL DEVICES DEMOLISHED UNDER ALTERNATE 1.
 - E002 ELECTRICAL DEVICES DEMOLISHED UNDER ALTERNATE 2.
 - E003 PROJECTOR, SPEAKERS, AND CAMERA SYSTEM DEVICES SHALL BE SALVAGED AND REINSTALLED PER NEW WORK.
 - E004 SEE RISER DIAGRAM.
 - E005 EXISTING PANEL HALL FEEDER RISES TO THE FIRST FLOOR AT ROUGHLY THIS LOCATION. CONTRACTOR TO VERIFY.

- GENERAL ELECTRICAL DEMOLITION NOTES:**
- A. UNLESS NOTED OTHERWISE ALL ITEMS IN DARK, DASHED PEN SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. ALL ITEMS IN LIGHT, SOLID PEN SHALL REMAIN.
 - B. BRANCH CIRCUIT WIRING AND CONDUIT MAY BE REUSED IF POSSIBLE. ANY CONDUITS REUSED SHALL BE PROPERLY SECURED TO THE STRUCTURE. PROVIDE NEW TYPE-WRITTEN PANEL DIRECTORIES TO REFLECT CHANGES DUE TO DEMOLITION.
 - C. COORDINATE ANY SERVICE OUTAGES AFFECTING AREAS OUTSIDE THE REMODEL AREA WITH OWNER. MAINTAIN INTEGRITY OF EXISTING CIRCUIT WIRING SERVING AREAS OUTSIDE THE REMODEL AREA. IF SPECIFIC ITEMS/DEVICES ARE TAKEN OUT OF SERVICE TEMPORARILY TO COMPLETE NEW WORK, RETURN TO SERVICE AS SOON AS POSSIBLE.
 - D. WHERE OPENINGS AND WIRING ARE ABANDONED, REMOVE WIRING BACK TO NEAREST JUNCTION BOX.
 - E. FOR FLUSH DEVICES REMOVED FROM REMAINING WALLS, COVER OPENING WITH NEW COVER PLATE.
 - F. FIRE-STOP ALL REMAINING HOLES FROM SERVICES REMOVED TO MAINTAIN FIRE RATING.

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I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Jeffrey R. Reinhart 3-14-2023
Jeffrey R. Reinhart

Iowa Registration Number: 13499
My license renewal date is December 31, 2023.
Pages or sheets covered by this seal:
E001, E101, E201, E301, E401

DEMOLITION KEY

EXISTING TO REMAIN	---
EXISTING TO BE REMOVED/REVISED	---

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City of Oelwein
OELWEIN CITY HALL RENOVATION

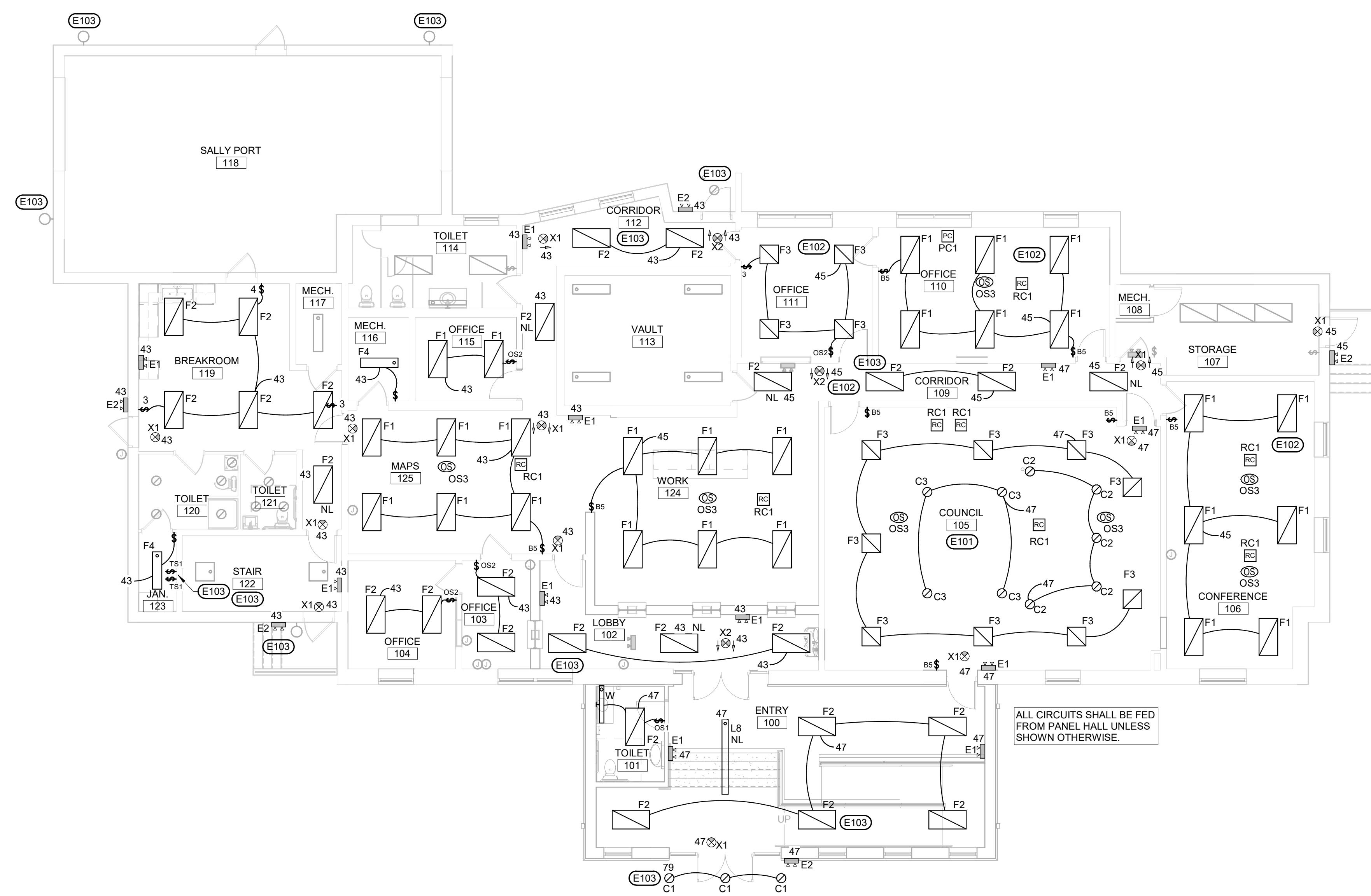


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- GENERAL ELECTRICAL NOTES:**
- A. COORDINATE DEVICE LOCATIONS/HEIGHTS WITH ARCHITECTURAL ELEVATIONS/DETAILS PRIOR TO ROUGH-IN.
 - B. COORDINATE WORK WITH THE HVAC CONTRACTOR, AND ANY OTHER ASSOCIATED CONTRACTORS. VERIFY ALL EQUIPMENT LOADS PRIOR TO INSTALLATION OF WIRING AND DEVICES.
 - C. ALL COMMUNICATION CABLES AND DEVICES ARE BY THE ELECTRICAL CONTRACTOR. PULL NEW CABLES TO EXISTING DATA RACK IN MECH. 117.
 - D. BELOW IS A LIST OF SOME COMMON REQUIREMENTS OUTLINED IN THE SPECIFICATION. REFER TO THE SPECIFICATION FOR MORE DETAILED INFORMATION FOR THESE AND ALL OTHER ITEMS.
 - 1. CONDUIT PENETRATIONS THROUGH WALLS SHALL BE SEALED.
 - 2. EMT FITTINGS SHALL BE SET SCREW TYPE. MINIMUM CONDUIT SIZE SHALL BE 1/2".
 - 3. BOXES FLUSH IN COMMON WALL SHALL NOT BE BACK-TO-BACK OR THROUGH-WALL TYPE.
 - 4. RECEPTACLES AND SWITCHES SHALL BE 20 AMP COMMERCIAL GRADE CONDUITS, JUNCTION BOXES, WIRING, AND EQUIPMENT SHALL BE LABELED PER NEC.
 - 5. PROVIDE A GREEN GROUND CONDUCTOR THROUGHOUT ALL NEW ELECTRICAL WORK.
 - 6. PROVIDE SEPARATE NEUTRAL FOR EACH ELECTRICAL PHASE.
 - E. EXIT SIGNS AND EMERGENCY FIXTURES SHALL BE CONNECTED TO UNSWITCHED PORTION OF LIGHTING CIRCUIT.
 - F. ALL SECURITY CABLES AND DEVICES SHALL BE ROUGH-IN ONLY.

- ELECTRICAL SPECIFIC NOTES**
- E101 NEW WORK DONE UNDER ALTERNATE 1.
 - E102 NEW WORK DONE UNDER ALTERNATE 2.
 - E103 SEE LIGHTING CONTROL DETAIL.

1 NEW-LIGHTING
1/8" = 1'-0"

ALL CIRCUITS SHALL BE FED FROM PANEL HALL UNLESS SHOWN OTHERWISE.

NEW WORK KEY	
NEW WORK	_____
EXISTING TO REMAIN	_____

LIGHTING/SWITCHING KEY	
X#	= LIGHT FIXTURE TYPE PER LIGHT FIXTURE SCHEDULE
EM	= EMERGENCY LIGHT FIXTURE
NL	= NIGHT LIGHT FIXTURE
#	= PANEL CIRCUIT NUMBER
#F	= HEIGHT TO CENTER OF FIXTURE OR SWITCH ABOVE FINISHED FLOOR (#F FOR SWITCHES IF NOT SHOWN)
x	= SWITCHING SCHEME

<p>WPE WEST PLAINS ENGINEERING, INC.</p> <p>215 2ND AVENUE SE, SUITE 200 - CEDAR RAPIDS, IA 52401 PHONE: (319) 365-0030 • FAX: (319) 365-4122 WWW.WESTPLAINSENGINEERING.COM</p> <p>RAID: QTY, SD - 550A FALLS, SD - 049E, WY - 024A HAWKS, IA - 05B WACK, ND</p>	<p>WPE # 0022089</p>
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LIGHTING PLAN

City of Oelwein
OELWEIN CITY HALL RENOVATION



700 11TH ST
SUITE 200
MARION, IOWA
52302
(319) 377-7604

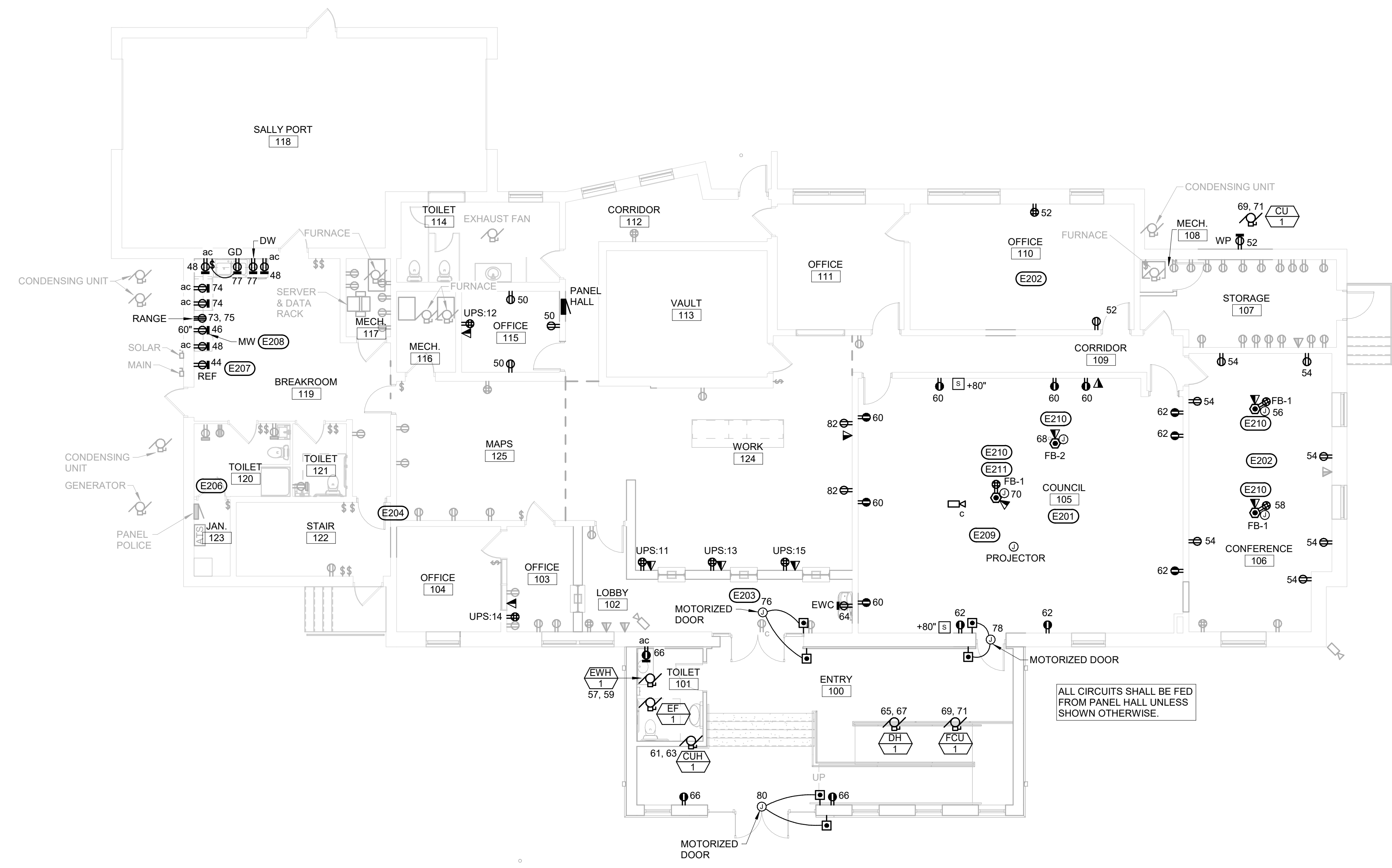
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52076
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E101

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DATE:



GENERAL ELECTRICAL NOTES:

- A. COORDINATE DEVICE LOCATIONS/HEIGHTS WITH ARCHITECTURAL ELEVATIONS/DETAILS PRIOR TO ROUGH-IN.
- B. COORDINATE WORK WITH THE HVAC CONTRACTOR, AND ANY OTHER ASSOCIATED CONTRACTORS. VERIFY ALL EQUIPMENT LOADS PRIOR TO INSTALLATION OF WIRING AND DEVICES.
- C. ALL COMMUNICATION CABLES AND DEVICES ARE BY THE ELECTRICAL CONTRACTOR. PULL NEW CABLES TO EXISTING DATA RACK IN MECH. 117.
- D. BELOW IS A LIST OF SOME COMMON REQUIREMENTS OUTLINED IN THE SPECIFICATION. REFER TO THE SPECIFICATION FOR MORE DETAILED INFORMATION FOR THESE AND ALL OTHER ITEMS.
 - 1. CONDUIT PENETRATIONS THROUGH WALLS SHALL BE SEALED.
 - 2. EMT FITTINGS SHALL BE SET SCREW TYPE. MINIMUM CONDUIT SIZE SHALL BE 1/2".
 - 3. BOXES FLUSH IN COMMON WALL SHALL NOT BE BACK-TO-BACK OR THROUGH-WALL TYPE.
 - 4. RECEPTACLES AND SWITCHES SHALL BE 20 AMP COMMERCIAL GRADE CONDUITS, JUNCTION BOXES, WIRING, AND EQUIPMENT SHALL BE LABELED PER NEC.
 - 5. PROVIDE A GREEN GROUND CONDUCTOR THROUGHOUT ALL NEW ELECTRICAL WORK.
 - 6. PROVIDE SEPARATE NEUTRAL FOR EACH ELECTRICAL PHASE.
- E. EXIT SIGNS AND EMERGENCY FIXTURES SHALL BE CONNECTED TO UNSWITCHED PORTION OF LIGHTING CIRCUIT.
- F. ALL SECURITY CABLES AND DEVICES SHALL BE ROUGH-IN ONLY.

ELECTRICAL SPECIFIC NOTES

- E201 NEW WORK DONE UNDER ALTERNATE 1.
- E202 NEW WORK DONE UNDER ALTERNATE 2.
- E203 EXISTING UPS PANELBOARD IS LOCATED IN THE BASEMENT BELOW HERE.
- E204 EXISTING PANEL HALL FEEDER RISES TO THE FIRST FLOOR AT ROUGHLY THIS LOCATION. CONTRACTOR TO VERIFY.
- E206 EXISTING MDP IS LOCATED IN THE BASEMENT BELOW HERE.
- E207 REFRIGERATOR: BREAKER IN PANEL SHALL BE GFCI & AFCI (COMBO) TYPE TO ALLOW DEVICE IF TRIPPED TO BE RESET.
- E208 MICROWAVE: BREAKER IN PANEL SHALL BE GFCI & AFCI (COMBO) TYPE TO ALLOW DEVICE IF TRIPPED TO BE RESET.
- E209 EXTEND CABLES AND REINSTALL EXISTING PROJECTOR, SPEAKERS, AND CAMERA SYSTEM DEVICES IN NEW CEILING AS BEFORE.
- E210 FLOOR BOXES SHALL BE ON-GRADE TYPE. CONTRACTOR TO VERIFY BOX SITS ON GRADE AND DOES NOT RESIDE ABOVE CRAWL SPACE.
- E211 FLOOR BOX SHALL HAVE POWER AND DATA WHIP THAT INTERCEPTS EXISTING CASEWORKS POWER AND DATA RACEWAY.

1 NEW-POWER AND COMMUNICATION
1/8" = 1'-0"

COMMUNICATIONS KEY	
<p> #V = QUANTITY OF VOICE JACKS/CABLES (ONE IF NOT SHOWN) #D = QUANTITY OF DATA JACKS/CABLES (ONE IF NOT SHOWN) RI = ROUGH-IN ONLY (NO CABLES/JACKS) #P = HEIGHT TO CENTER OF OUTLET (IF UNLESS NOTED OTHERWISE) TV = TELEVISION OUTLET WITH ONE CABLE/JACK </p>	<p> WPE # 8022089 WEST PLAINS ENGINEERING, INC. 215 2ND AVENUE SE, SUITE 200 - CEDAR RAPIDS, IA 52401 PHONE: (319) 365-0030 • FAX: (319) 365-4122 WWW.WESTPLAINSENGINEERING.COM RAPID CITY, SD • SIOUX FALLS, SD • CASPER, WY • CEDAR RAPIDS, IA • DESMOINES, IA </p>

NEW WORK KEY	
NEW WORK	_____
EXISTING TO REMAIN	_____

City of Oelwein
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ELECTRICAL SYMBOLS

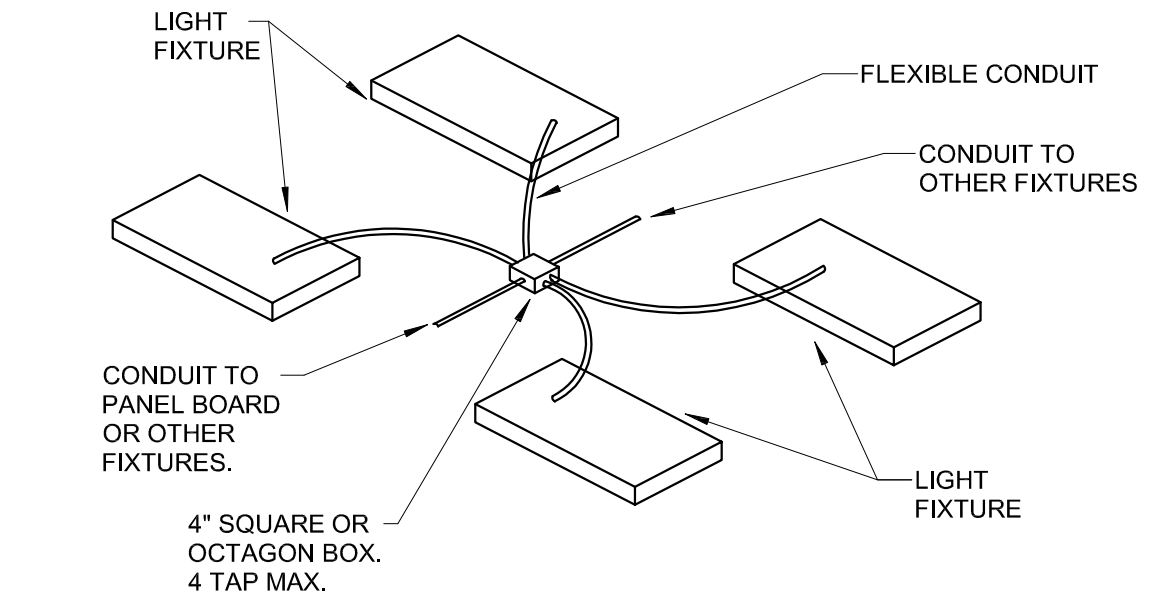
THESE SYMBOLS COMPRISE A STANDARD LIST; NOT ALL SYMBOLS MAY APPEAR ON THIS PROJECT. ALL MOUNTING HEIGHTS ARE TO CENTER OF DEVICE ABOVE FINISHED FLOOR, MOUNTING HEIGHTS INDICATED ON ARCH. WALL ELEVATIONS OR AS NOTED SPECIFICALLY ON THE DRAWINGS OR IN THE SPECIFICATIONS SHALL TAKE PRECEDENCE OVER MOUNTING HEIGHTS LISTED BELOW.

LIGHTING		
CEILING SURFACE MOUNT FIXTURE (Circular Mark Indicates Fixture Type - Small letter indicates wiring type - Typical for 48 BRAYN 1000)	RECESSED FLUORESCENT FIXTURE	OCCUPANCY SENSOR
EMERGENCY RECESSED FLUORESCENT MOUNT FIXTURE	EMERGENCY RECESSED FLUORESCENT FIXTURE	SINGLE POLE SWITCH (40" M.H.)
WALL FIXTURE	WALL FLUORESCENT FIXTURE	DOUBLE POLE SWITCH (40" M.H.)
EMERGENCY WALL FIXTURE	FLOOD LIGHT	THREE-WAY SWITCH (40" M.H.)
RECESSED FIXTURE	TRACK LIGHT	FOUR-WAY SWITCH (40" M.H.)
EMERGENCY RECESSED FIXTURE	PHOTO ELECTRIC CELL	SWITCH WITH PILOT (40" M.H.)
EXTERIOR POLE LIGHT	LIGHTING CONTACTOR (54" M.H.)	KEY OPERATED SWITCH (40" M.H.)
BOLLARD LIGHT	TIME CLOCK (60" M.H.)	MOMENTARY CONTACT SWITCH (80" M.H.)
SURFACE MOUNT FLUORESCENT FIXTURE	EMERGENCY LIGHTING W/BATTERY PACK	DIMMER SWITCH (40" M.H.)
EMERGENCY SURFACE MOUNT FLUORESCENT FIXTURE	CEILING EXIT LIGHT (FACE(S) SHADED, ARROW INDICATES CHEVRON)	VARIABLE SPEED SWITCH
	WALL EXIT LIGHT (FACE(S) SHADED, ARROW INDICATES CHEVRON)	FUSED SWITCH
POWER		
PUSH BUTTON STATION (82" M.H.)	BLANK OUTLET	REMOTE HVAC SENSOR
DOUBLE PUSH BUTTON STATION	JUNCTION BOX	RADIANT HEAT PANEL
EMERGENCY SHUTDOWN PUSH-BUTTON	PULL BOX	BASEBOARD OR COVE ELEC. HEAT
ISOLATED GROUND RECEPTACLE (18" M.H.)	MOTOR	ELECTRIC UNIT HEATER
DUPLEX CONVENIENCE RECEPTACLE (18" M.H.)	DISCONNECT SWITCH	ELECTRIC CABINET UNIT HEATER
SINGLE RECEPTACLE (18" M.H.)	GAP GENERATOR ANNUNCIATOR PANEL	MOTORIZED DAMPER
DOUBLE DUPLEX CONVENIENCE RECEPTACLE (18" M.H.)	AUTOMATIC TRANSFER SWITCH	BUS DUCT
SPLIT WIRED DUPLEX RECEPTACLE (18" M.H.)	VARIABLE FREQUENCY DRIVE	SURFACE MOUNT RACEWAY
SAFETY CONVENIENCE RECEPTACLE	COMBINATION VARIABLE FREQUENCY DRIVE DISCONNECT	CEILING PADDLE FAN
POWER RECEPTACLE	MAGNETIC STARTER	TYPE OF EQUIPMENT - SEE SCHEDULES
EMERGENCY DUPLEX RECEPTACLE	COMBINATION STARTER/DISCONNECT	EQUIPMENT NUMBER
TWIST LOCK RECEPTACLE	MOTOR THERMAL SWITCH	TRANSFORMER
GFI DUPLEX CONVENIENCE RECEPTACLE	ELECTRIC METER	ROOFTOP EQUIPMENT/CIRCUITING
GFI DUPLEX CONVENIENCE RECEPTACLE	SWITCHBOARD/DISTRIBUTION PANEL SECTION	EXISTING EQUIPMENT/CIRCUITING
SPECIAL PURPOSE OUTLET OR CONNECTION	PANELBOARD OR LOAD CENTER	GROUND
COROP/LUG	CENTER (EXISTING TO REMAIN)	CONDUIT IN FLOOR OR UNDERGROUND
CORD REEL	TRANSIENT VOLTAGE SURGE SUPPRESSER	CONDUIT IN WALL OR CEILING SPACE, CROSS MARKS INDICATE NUMBER OF WIRES, NO MARKS INDICATE TWO WIRES, ARROWS INDICATE HOME RUNS TO PANEL, NUMBERS INDICATE PANEL AND CIRCUIT IN PANEL.
CEILING DUPLEX RECEPTACLE	CIRCUIT BREAKER	SWITCH-LEG TRAVELER
FLUSH FLOOR DUPLEX RECEPTACLE	FUSE	HOT
FLUSH FLOOR DOUBLE DUPLEX RECEPTACLE (WITH DEVICES INDICATED)	HUMIDISTAT	NEUTRAL WIRE INDICATES SEPARATE GROUND WIRE TO BE INSTALLED IN RACEWAY
MULTI-SERVICE POLE (WITH DEVICES INDICATED)	THERMISTAT	
TELECOM		
SPECIAL EQUIPMENT CABINET-AS NOTED	INTERCOM	CEILING MOUNT DATA OUTLET
TERMINATION PANEL -AS NOTED	TELEPHONE/VOICE OUTLET (18" M.H.)	COMBINATION VOICE/DATA OUTLET (18" M.H.)
CABLE TRAY	WALL PHONE (48" M.H.)	TELEVISION OUTLET (18" M.H.)
	DATA OUTLET (18" M.H.)	CEILING MOUNT TELEVISION OUTLET
FIRE ALARM		
FIRE ALARM MANUAL STATION (48" M.H.)	FLOW SWITCH	MINI FIRE ALARM HORN
HEAT DETECTOR (RATE OF RISE)	PRESSURE SWITCH	MINI FIRE ALARM HORN/STROBE
HEAT DETECTOR (FIXED TEMP. ONLY)	TAMPER SWITCH	PROJECTION HORN
UNITARY TYPE SMOKE DETECTOR	FIRE ALARM CUTOFF RELAY	FIRE ALARM STROBE (80" M.H.)
SMOKE DETECTOR	REMOTE ANNUNCIATOR	CEILING MOUNT FIRE ALARM STROBE
DUCT SMOKE DETECTOR	DOOR HOLDER	FIRE ALARM BELL (88" M.H.)
BEAM DETECTOR TRANSMITTER	MONITOR MODULE	COMBINATION FIRE/SMOKE DAMPER
BEAM DETECTOR RECEIVER	CONTROL MODULE	FIRE ALARM ANNUNCIATOR PANEL
REMOTE TEST STATION	FIRE ALARM CHIME/STROBE	FIRE ALARM CONTROL PANEL
COMB HEAT/SMOKE DETECTOR	FIRE ALARM HORN/STROBE (80" M.H.)	FIRE FIGHTER PHONE JACK
	CEILING MOUNT FIRE ALARM HORN/STROBE	

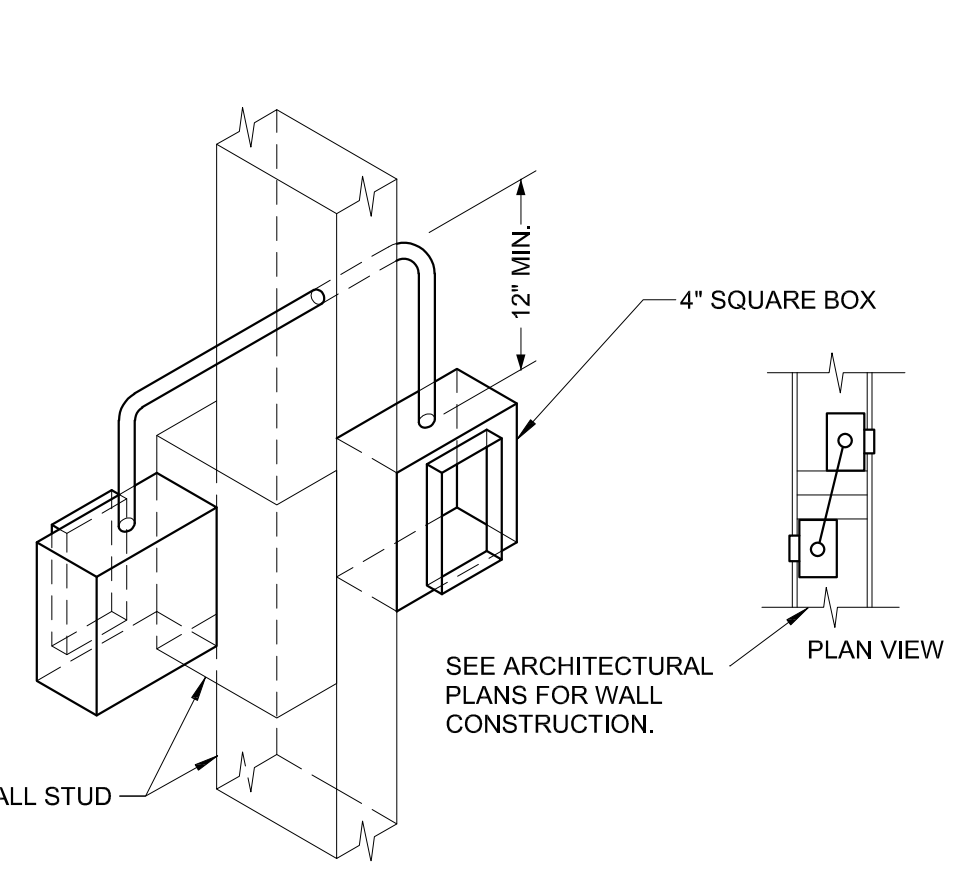
ELECTRICAL ABBREVIATIONS

A STANDARD LIST, NOT ALL WORDS APPEAR IN THESE DRAWINGS. SEE SPECIFICATION SECTION "EQUIPMENT WIRING" FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

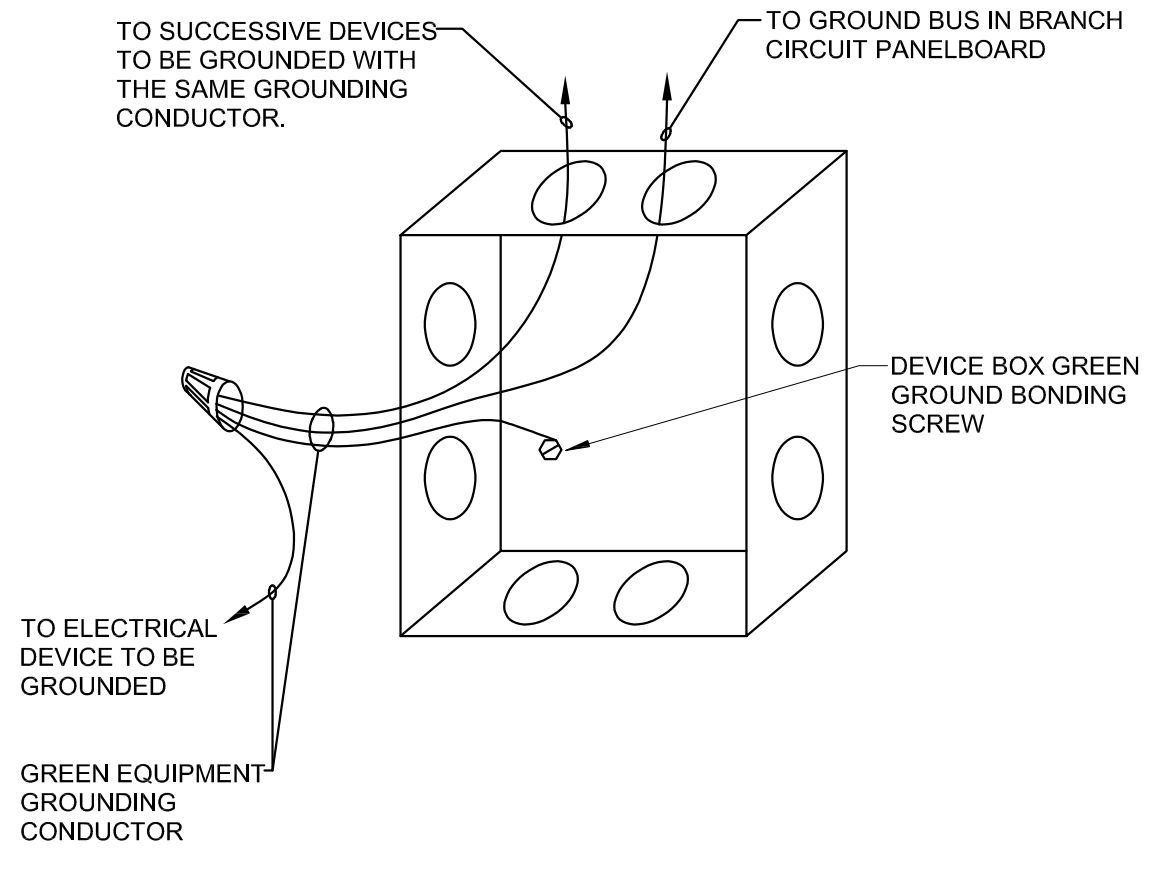
A or AMP	AMPERE	LA	LIGHTNING ARRESTOR
AE or AE	AIR CONDITIONING	LT	LIGHT
AC	ARCHITECT & ENGINEER	LTO	LIGHTING
AC	ADVICE COUNTER	LTS	LIGHTS
ADA	ALTERNATING CURRENT	MC	MECHANICAL CONTRACTOR
AF	AMERICANS WITH DISABILITIES ACT	MCB	MAIN CIRCUIT BREAKER
AFG	ABOVE FINISH GRADE	MCC	MOTOR CONTROL CENTER
AFI or AFCI	ARC FAULT CIRCUIT INTERRUPTER	MCM	THOUSAND CIRCULAR MILS
AHU	AUTHORITY HAVING JURISDICTION	MDB	MAIN DISTRIBUTION PANEL
AHU	AIR HANDLING UNIT	MECH	MECHANICAL
AC	AMPERES INTERRUPTING CURRENT	MFS	MAIN FUSIBLE SWITCH
AL	ALUMINUM	MH	METAL HULDE
ANN	ANNUNCIATOR	MLO	MAIN LUG ONLY
AS	AUTOMATIC SENSORS	MSS	MAIN SWITCHBOARD
AWG	AMERICAN WIRE GAUGE	MNTD	MOUNTED
		MTS	MOTOR THERMAL SWITCH
BL	BELOW COUNTER	MV	MERCURY VAPOR
BL	BELOW COUNTER	MW	MICROWAVE
BH	BASKETBALL HOOP OPER	NA or N/A	NOT APPLICABLE
BL	BLEACHER ELECTRIC OPERATOR	NC	NORMALLY CLOSED
BRD or BO	BOARD	NEC	NATIONAL ELECTRICAL CODE
BUH	BLAST UNIT HEATER	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
		NEU, NEUT or N	NEUTRAL
C or COND	CONDUIT	NE	NON-FUSED
CB or CB	CIRCUIT BREAKER	NL	NIGHT LIGHT
CAT	CATEGORY	NO	NORMALLY OPEN
CCT or CKT	CIRCUIT	OFF, OF, or OFC	OFFICE
CM	CARBON MONOXIDE SENSOR	OH	OVERHEAD
CO	CARBON MONOXIDE	OKD	OVERHEAD DOOR
COMB	COMBINATION		
CONF	CONFERENCE	P	POLE
CP	CEILING PROJECTOR	PA	PUBLIC ADDRESS
CIC	CABLE TERMINATION CABINET	PB	PUSH-BUTTON
Co or CU	CONDENSING UNIT	PH	PHASE
CUH	CABINET UNIT HEATER	PLBG	PLUMBING
DC	DIRECT CURRENT	PNL	PANEL
DC	DISTRIBUTION CABINET	PR or pr	PRE or pr
DF	DISTRIBUTION PANEL	PRV	POWER ROOF VENTILATOR
DISC	DISCONNECT	PS	PULL SWITCH
DISP	DISPOSAL	PS	PROTECTION SCREEN
DL	DOOR LEVELER	PTZ	FAN TILT ZOOM
DN or DWN	DOWN	PVC	POLYVINYL CHLORIDE
DR	DOOR	PWR	POWER
DW	DISHWASHER	RCP	REFLECTED CEILING PLAN
DWG	DRAWING	REC or RECEPT	RECEPTACLE
EC	ELECTRICAL CONTRACTOR	REF or REFRIG	REFRIGERATOR
EC	ELECTRICAL CABINET	RH	RADIANT HEAT
EF	EXHAUST FAN	RH	RANGE HOOD
EH	ELECTRICAL HEAT	RLY	RELAY
ELEC	ELECTRIC OR ELECTRICAL	RM	ROOM
EM	ELECTRIC HAND DRIVER	RMS	ROOT MEAN SQUARE
EM or EMERG	EMERGENCY	SCC	SHORT CIRCUIT CURRENT
EMT	ELECTRICAL METALLIC TUBING	SD	SMOKE DETECTOR
ENT	ELECTRICAL NON-METALLIC TUBING	SFR	SAFETY RECEPTACLE
ELH	ELECTRIC UNIT HEATER	SFTY	SAFETY
EWG	ELECTRIC WATER COOLER	SHD	SHIELD OR SHIELDED
EX	EXISTING	SMD	SIGNAL
EXP	EXPLOSION PROOF	SMR	SURFACE MOUNT RACEWAY
F or FUS	FUSE OR FUSIBLE	SNF	SOLID NEUTRAL
FA	FIRE ALARM	SP	SUMP PUMP
FAP	FIRE ALARM ANNUNCIATOR PANEL	SPCS	SPECIFICATIONS
FACP	FIRE ALARM CONTROL PANEL	SPKR	SPEAKER
FBO	FURNISHED BY OTHERS	SPR	SPLIT WIRE RECEPTACLE
FL	FLOOR	SW	SWITCH
FLA	FULL LOAD AMPERES	SWBD	SWITCH BOARD
FLU or FLUR	FULL VOLTAGE, NON-REVERSING		
FVR	FULL VOLTAGE, REVERSING	TC	TEMPERATURE CONTROL
		TC	TELEPHONE CABINET
GC	GENERAL CONTRACTOR	TC	TEMPERATURE CONTROL CONTRACTOR
GD	GARBAGE DISPOSAL	TEL	TELEPHONE
GEN	GENERATOR	TL	TWIST LOCK
GFI or GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TR, TRANS or TRFMR	TRANSFORMER
GRC	GALVANIZED RIGID CONDUIT	TTB	TELEPHONE TERMINATION BOARD
GND or GRND	GROUND	TV	TELEVISION
H & AC	HEATING & AIR CONDITIONING	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION TYPICAL
H & V	HEATING & VENTILATING	UG	UNDERGROUND
HA	HANDICAP ACCESS DOOR	UH	UNIT HEATER
HD	HAND DRYER	UV	UNIT VENTILATOR
HI	HIGH INTENSITY DISCHARGE		
HP	HORSE POWER	V	VOLT
HPS	HIGH PRESSURE SODIUM	VFD	VARIABLE FREQUENCY DRIVE
HTD	HEATING		
HTR	HEATER	W	WATT
HVAC	HEATING, VENTILATION & AIR CONDITIONING	W/O	WITHOUT
HZ	HERTZ (CYCLES/SEC)	WP	WEATHERPROOF
IC	INTERRUPTING CURRENT	WTR or WTD	WATER
IGR	ISOLATED GROUND RECEPTACLE	WS	WINDOW SHADE
IMC	INTERMEDIATE METAL CONDUIT		
INC	INCANDESCENT	XFMR	TRANSFORMER
ISO	ISOLATED OR ISOLATION		
J, JB or JBOX	JUNCTION BOX	Y	WYE CONNECTION
KCMIL	THOUSAND CIRCULAR MILS		
KV	KILOVOLT		
KVA	KILOVOLT - AMPERE		
KVAR	KILOVOLT - AMPERE REACTIVE		
KW	KILOWATT		
KWH	KILOWATT - HOUR		



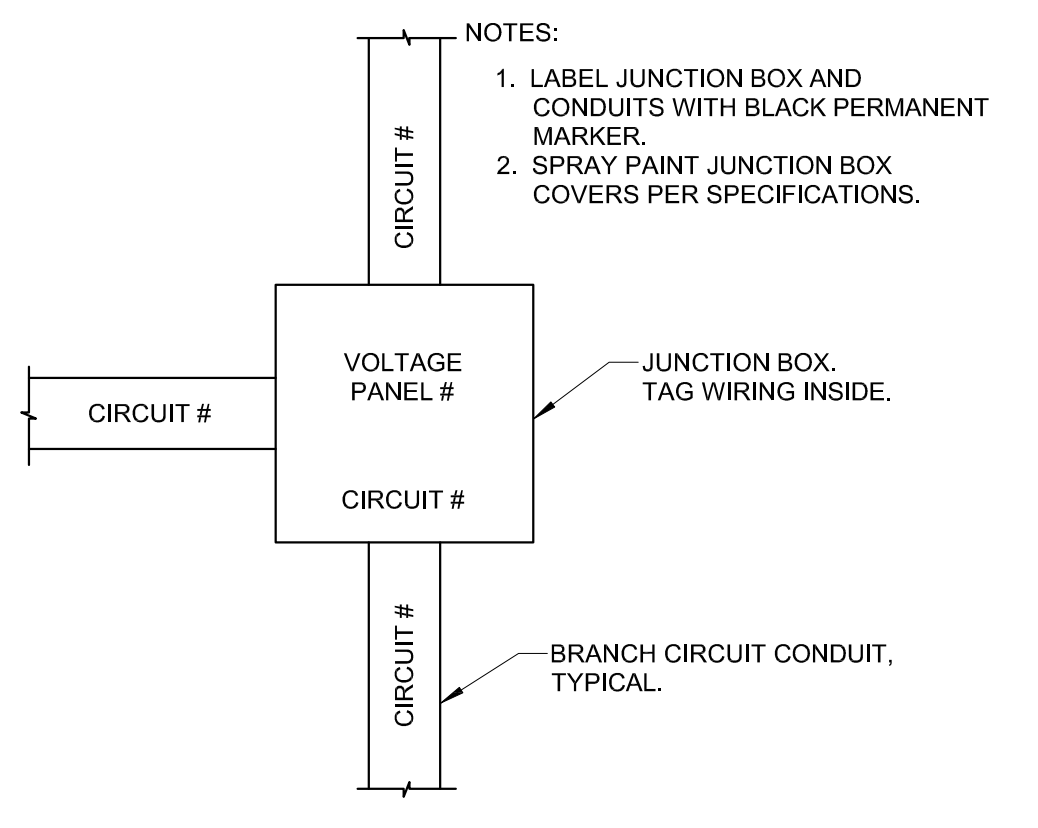
1 LIGHTING FIXTURES IN ACCESSIBLE CEILINGS WIRING TAP DETAIL NO SCALE



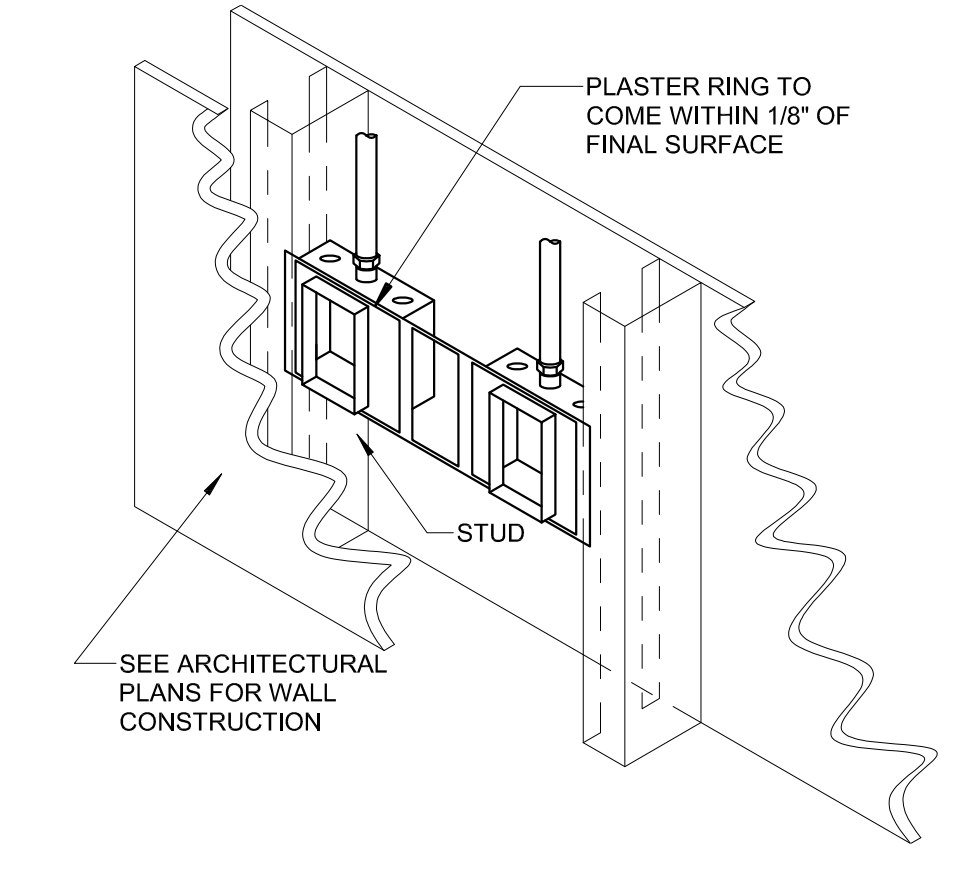
2 ELECTRIC OUTLET IN WALL NO SCALE



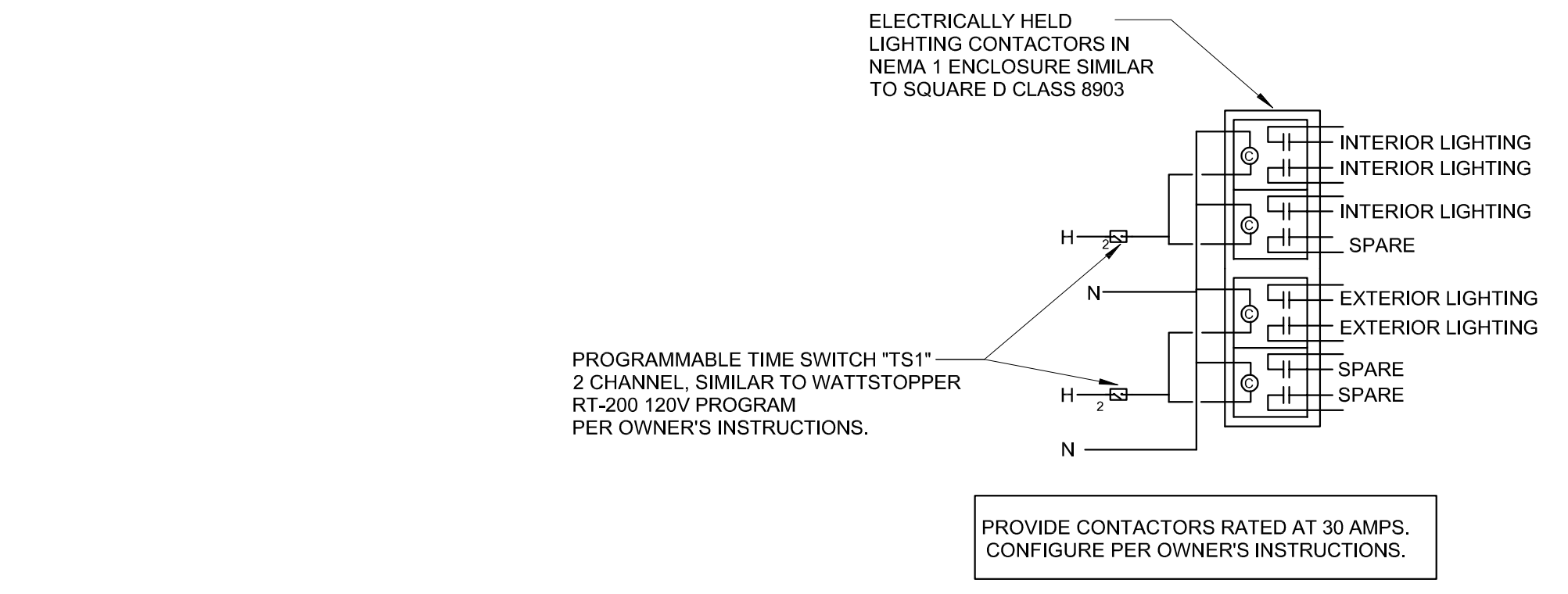
3 GROUNDING CONDUCTOR CONNECTION IN DEVICE BOX NO SCALE



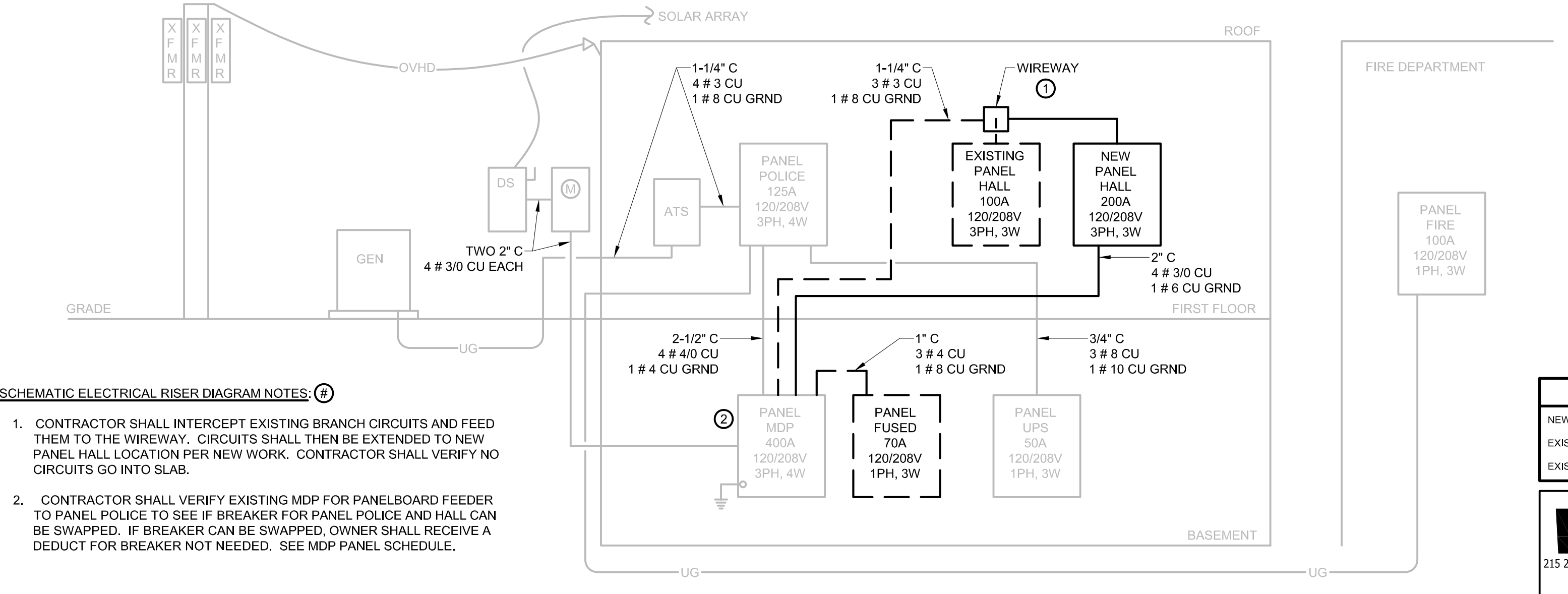
4 RACEWAY / WIRING IDENTIFICATION NO SCALE



5 BACKBOX MOUNTING DETAIL NO SCALE



6 LIGHTING CONTROL SCHEMATIC NO SCALE



- SCHEMATIC ELECTRICAL RISER DIAGRAM NOTES: (7)
- CONTRACTOR SHALL INTERCEPT EXISTING BRANCH CIRCUITS AND FEED THEM TO THE WIREWAY. CIRCUITS SHALL THEN BE EXTENDED TO NEW PANEL HALL LOCATION PER NEW WORK. CONTRACTOR SHALL VERIFY NO CIRCUITS GO INTO SLAB.
 - CONTRACTOR SHALL VERIFY EXISTING MDP FOR PANELBOARD FEEDER TO PANEL POLICE TO SEE IF BREAKER FOR PANEL POLICE AND HALL CAN BE SWAPPED. IF BREAKER CAN BE SWAPPED, OWNER SHALL RECEIVE A DEDUCT FOR BREAKER NOT NEEDED. SEE MDP PANEL SCHEDULE.

7 SCHEMATIC ELECTRICAL RISER DIAGRAM NO SCALE

KEY

NEW WORK	_____
EXISTING TO REMAIN	_____
EXISTING TO BE REMOVED	_____

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City of Oelwein
OELWEIN CITY HALL RENOVATION

MGA MARTIN GARDNER ARCHITECTURE ©2018

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B122089

PANEL HALL (NEW)		VOLTS: 120/ 208		PHASE: 3		WIRE: 4		MAIN CAP: 200		AMPERES				
		A/C RATING: 22,000		GROUND BAR, TYPEWRITTEN PANEL DIRECTORY, SINGLE TUB										
		MOUNTING: RECESSED		FEEDER SIZE: SEE RISER				MAIN CONNECTION: MLO						
CCT NO	ITEM FED	LOAD WATTS	WIRE SIZE	CIRCUIT BREAKER FRAME	NEUTRAL POLES	CIRCUIT BREAKER FRAME	POLES	WIRE SIZE	LOAD WATTS	ITEM FED	CCT NO			
1	SPARE			20	1	100A	A	100A	1	20	12	500	EXISTING LTG CONC. CHAMBER (SPARE UNDER ALTERNATE 1)	2
3	EXISTING LTG PUBLIC SEATING (SPARE UNDER ALTERNATE 1)	1,000	12	20	1	100A	B	100A	1	20	12	1,000	EXISTING LTG VAULT & CLERKS	4
5	EXISTING LTG MECH. & BOOKKEEPING	500	12	20	1	100A	C	100A	1	20	12	1,000	EXISTING LTG MAYOR & STORAGE (SPARE UNDER ALTERNATE 2)	6
7	EXISTING LTG CORRIDOR 1	500	12	20	1	100A	A	100A	1	20	12	1,000	EXISTING LTG GENL. OFFICE	8
9	SPARE			20	1	100A	B	100A	1	20	12	1,000	EXISTING LTG P. RADIO & VESTIBULE	10
11	EXISTING LTG POLICE CHIEF	500	12	20	1	100A	C	100A	1	20	12	1,000	SPARE	12
13	SPARE			20	1	100A	A	100A	1	20	12	1,000	EXISTING LTG CORRIDOR 2	14
15	EXISTING LTG PIER	500	12	20	1	100A	B	100A	1	20	12	1,000	SPARE	16
17	EXISTING RECEPT. MEETING NE WALL	720	12	20	1	100A	C	100A	1	20	12	1,000	EXISTING WIREMOLD MACHINES	18
19	EXISTING WIREMOLD MACHINES	720	12	20	1	100A	A	100A	1	20	12	1,000	EXISTING WIREMOLD BOOKEEPPNG	20
21	EXISTING	500	12	20	1	100A	B	100A	1	20	12	1,000	EXISTING RECEPT. MAYOR NSH/WALL	22
23	EXISTING RECEPT. CLKS, OFC. & COR 1	720	12	20	1	100A	C	100A	1	20	12	1,000	EXISTING RECEPT. CLOCK, PS, W/WALL, & COUNCIL	24
25	EXISTING RECEPT. GEN OFFICE & COUNCIL	720	12	20	1	100A	A	100A	1	20	12	1,000	EXISTING RECEPT. GEN OFFICE S-WALL	26
27	EXISTING RECEPT. P RADIO	720	12	20	1	100A	B	100A	2	40	8	2,912	EXISTING NORTH AC UNIT	28
29	EXISTING RECEPT. COR 4	720	12	20	1	100A	C	100A	2	40	8	2,912	EXISTING AC UNIT	30
31	EXISTING EXHAUST FAN 1	100	12	20	1	100A	A	100A	2	20	12	1,831	EXISTING AC UNIT	32
33	EXISTING EXIT LTG	100	12	20	1	100A	B	100A	2	20	12	1,831	EXISTING AC UNIT	34
35	EXISTING ELECTRIC HEAT	1,000	12	20	1	100A	C	100A	2	20	12	1,737	EXISTING	36
37	EXISTING EXHAUST FAN 2	100	12	20	1	100A	A	100A	2	20	12	1,737	EXISTING	38
39	EXISTING	500	12	20	1	100A	B	100A	1	20	12	1,000	REFRIGERATOR	40
41	EXISTING	500	12	20	1	100A	C	100A	1	30	12	1,000	MICROWAVE	42
43	ROOMS 102, 103, 112, 114,115, 119, & 125 LTG	790	12	20	1	100A	A	100A	1	20	12	700	MICROWAVE	44
45	ROOMS 106, 107, 110, 111, & 124 LTG	1,000	12	20	1	100A	B	100A	1	20	12	1,200	ROOM 119 RECEPT.	46
47	ROOMS 100,101, & 105 LTG	1,000	12	20	1	100A	C	100A	1	20	12	540	ROOM 115 RECEPT.	48
49	SPARE			20	1	100A	A	100A	1	20	12	540	ROOM 110 RECEPT.	50
51	SPARE			20	1	100A	B	100A	1	20	12	540	ROOM 106 RECEPT.	52
53	SPARE			20	1	100A	C	100A	1	20	12	1,260	FLOORBOX FB-1	54
55	SPARE			20	1	100A	A	100A	1	20	12	360	FLOORBOX FB-1	56
57	ELECTRIC WATER HEATER EWH-1	1,500	12	20	2	100A	B	100A	1	20	12	360	ROOM 105 RECEPT.	58
59		1,500	12				C	100A	1	20	12	720	ROOM 105 RECEPT.	60
61	CABINET UNIT HEATER CUH-1	1,500	12	20	2	100A	A	100A	1	20	12	720	ROOM 105 RECEPT.	62
63		1,500	12				B	100A	1	20	12	500	EWC	64
65	DUCT HEATER DH-1	3,000	8	40	2	100A	C	100A	1	20	12	540	ROOM 100-101 RECEPT.	66
67		3,000	8				A	100A	1	20	12	1,000	FLOORBOX FB-2	68
69	MINSPLIT CU-1	2,060	12	20	2	100A	B	100A	1	20	12	1,000	FLOORBOX FB-2	70
71		2,060	12				C	100A	1	20	12	1,000	FLOORBOX FB-2	72
73	*GFCI BREAKER* RANGE	3,000	8	50	2	100A	A	100A	1	20	12	360	ROOM 119 RECEPT.	74
75		3,000	8				B	100A	1	20	12	500	MOTORIZED DOOR	76
77	DISHWASHER / GABRAGE DISPOSAL	1,000	12	20	1	100A	C	100A	1	20	12	500	MOTORIZED DOOR	78
79	EXTERIOR LIGHTING	100	12	20	1	100A	A	100A	1	20	12	500	MOTORIZED DOOR	80
81	SPARE			20	1	100A	B	100A	1	20	12	360	ROOM 124 RECEPT.	82
83	SPARE			20	1	100A	C	100A	1	20	12		SPARE	84

PANEL MDP (EXISTING)		VOLTS: 120/ 208		PHASE: 3		WIRE: 4		MAIN CAP: 400A		AMPERES				
		A/C RATING: 18,000		EXISTING WESTINGHOUSE PANELBOARD, TYPEWRITTEN PANEL DIRECTORY, *NEW* = NEW BREAKER & BRANCH CIRCUIT										
		MOUNTING: SURFACE		FEEDER SIZE: SEE RISER				MAIN CONNECTION: BACKFED 400A MCB						
CCT NO	ITEM FED	LOAD WATTS	WIRE SIZE	CIRCUIT BREAKER FRAME	NEUTRAL POLES	CIRCUIT BREAKER FRAME	POLES	WIRE SIZE	LOAD WATTS	ITEM FED	CCT NO			
1	EXISTING MAIN CIRCUIT BREAKER			SEE RISER		A				SPACE	2			
3				SEE RISER	400	3	400A	B		SPACE	4			
5				SEE RISER		C				SPACE	6			
7	EXISTING POLICE PANEL			SEE RISER	225	3	225A	A		SPACE	8			
9				SEE RISER		B				SPACE	10			
11				SEE RISER		C				SPACE	12			
13	EXISTING AIR HANDLER			12	20	3	100A	A	100A	1	15	14	EXISTING POLICE PUMP	14
15				12	20	3	100A	B	100A	1	15	14	EXISTING CENTRAL PUMP	16
17				12	20	3	100A	C	100A	1	15	14	EXISTING WEST PUMP	18
19	*NEW* PANEL HALL			SEE RISER	225	3	225A	A		SPACE	20			
21				SEE RISER		B				SPACE	22			
23				SEE RISER		C				SPACE	24			
25	SPACE					A				SPACE	26			
27	SPACE					B	100A	2	15	14	EXISTING POLICE AIR HANDLER	28		
29	SPACE					C				SPACE	30			
25	EXISTING AIR COMPRESSOR			12	20	1	100A	A	100A	2	70	*REUSED* SPARE	26	
27	EXISTING BOILER			12	20	1	100A	B					28	

PANEL POLICE (EXISTING)		VOLTS: 120/ 208		PHASE: 3		WIRE: 4		MAIN CAP: 150		AMPERES			
		A/C RATING: 10,000		EXISTING GE PANELBOARD, TYPEWRITTEN PANEL DIRECTORY									
		MOUNTING: SURFACE		FEEDER SIZE: SEE RISER				MAIN CONNECTION: 150A10KAIC MCB					
CCT NO	ITEM FED	LOAD WATTS	WIRE SIZE	CIRCUIT BREAKER FRAME	NEUTRAL POLES	CIRCUIT BREAKER FRAME	POLES	WIRE SIZE	LOAD WATTS	ITEM FED	CCT NO		
1	EXISTING COMM ROOM W-WALL MID & SOUTH RECEPT.	12	20	2	100A	A	100A	1	20	12	EXISTING (A) SECURITY DOOR (B) GARAGE DOORS	2	
3		12	20			B	100A	2	30	10	EXISTING DRYER	4	
5	*REUSED* SPARE			20	1	100A	C					6	
7	EXISTING CHIEF OFFICE SOUTH RECEPT.	12	20	1	100A	A	100A	1	20	12	EXISTING GARAGE SPARE	8	
9	EXISTING COMM ROOM LTG	12	20	1	100A	B	100A	1	20	12	EXISTING GARAGE WEST EXTERIOR LTG	10	
11	EXISTING CHIEFS OFFICE & STARWAY LTG	12	20	1	100A	C	100A	1	20	12	EXISTING NORTHEAST RECEPT.	12	
13	EXISTING COMM ROOM EAST RECEPT.	12	20	1	100A	A	100A	1	20	12	EXISTING GARAGE SPARE	14	
15	*REUSED* SPARE			20	1	100A	B	100A	1	20	12	EXISTING SQUAD ROOM LTG & RECEPT.	16
17	EXISTING COMM ROOM SOUTH WALL RECEPT.	12	20	1	100A	C	100A	1	20	12	EXISTING NEW BATHROOMS	18	
19	EXISTING	12	20	1	100A	A	100A	1	20	12	EXISTING	20	
21	EXISTING	12	20	1	100A	B	100A	2	50	8	EXISTING PANEL UPS	22	
23	EXISTING	12	20	1	100A	C						24	
25	EXISTING GENERATOR TANK HEATER	12	20	1	100A	A	100A	1	20	12	EXISTING	26	
27	EXISTING SURGE PROTECTOR	10	30	2	100A	B	100A	2	100	3	EXISTING FIRE DEPARTMENT PANEL	28	
29		10				C				3		30	

PANEL UPS (EXISTING)		VOLTS: 120/ 208		PHASE: 2		WIRE: 3		MAIN CAP: 400		AMPERES				
		A/C RATING: 22,000		EXISTING GE PANELBOARD, TYPEWRITTEN PANEL DIRECTORY, *NEW* = NEW BREAKER & BRANCH CIRCUIT										
		MOUNTING: SURFACE		FEEDER SIZE: SEE RISER				MAIN CONNECTION: 300A 35KAIC MCB						
CCT NO	ITEM FED	LOAD WATTS	WIRE SIZE	CIRCUIT BREAKER FRAME	NEUTRAL POLES	CIRCUIT BREAKER FRAME	POLES	WIRE SIZE	LOAD WATTS	ITEM FED	CCT NO			
1	EXISTING DESK 1 RECEPT.	360	12	20	1	100A	L1	100A	1	20	12	180	EXISTING DOWNSTAIRS RECEPT.	2
3	EXISTING DESK 2 RECEPT.	360	12	20	1	100A	L2	100A	1	20	12	180	EXISTING DOWNSTAIRS RECEPT.	4
5	EXISTING DESK 3 RECEPT.	360	12	20	1	100A	L1	100A	1	20	12	180	EXISTING DOWNSTAIRS RECEPT.	6
7	EXISTING DESK 4 RECEPT.	360	12	20	1	100A	L2	100A	1	20	12	180	EXISTING DOWNSTAIRS RECEPT.	8
9	EXISTING DESK 5 & 6 RECEPT.	360	12	20	1	100A	L1	100A	1	20	12	180	EXISTING DOWNSTAIRS RECEPT.	10
11	*NEW* WORK 124 DESK RECEPT.	360	12	20	1	100A	L2	100A	1	20	12	360	*NEW* OFFICE 115 RECEPT.	12
13	*NEW* WORK 124 DESK RECEPT.	360	12	20	1	100A	L1	100A	1	20	12	360	*NEW* OFFICE 103 RECEPT.	14
15	*NEW* WORK 124 DESK RECEPT.	360	12	20	1	100A	L2	100A	1	20	12		*NEW* SPARE	16

LIGHTING FIXTURE SCHEDULE										
MARK	DESCRIPTION	MANUFACTURER AND SERIES	LAMPING		MOUNTING	VOLT.	WATT.	NOTES	CCT NO	
			QTY.	TYPE						
C1	4" ROUND RECESSED DOWNLIGHT LED, DAMP LOCATION	SIGNIFY 4RN P4RDL15840CLZ10U ACUTY, COOPER, HUBBELL	N/A	LED 4000K 1500 LUMENS	RECESSED	UNV.	20	1		
C2	4" ROUND RECESSED DOWNLIGHT LED	SIGNIFY 4RN P4RDL10835CLZ10U ACUTY, COOPER, HUBBELL	N/A	LED 3500K 1000 LUMENS	RECESSED	UNV.	15	1		
C3	4" ROUND RECESSED DOWNLIGHT LED	SIGNIFY 4RN P4RDL20835CLZ10U ACUTY, COOPER, HUBBELL	N/A	LED 3500K 2000 LUMENS	RECESSED	UNV.	25	1		
E1	EMERGENCY LIGHT LED, BATTERY BACK-UP, SELF-DIAGNOSTICS	SIGNIFY CLUX2MW ACUTY, COOPER, HUBBELL	N/A	LED INCLUDED	SURFACE	UNV.	10	2		
E2	EMERGENCY LIGHT, WET LOCATION, REMOTE LED, BATTERY BACK-UP, SELF-DIAGNOSTICS	SFNFY CLR3WG ACUTY, COOPER, HUBBELL	N/A	LED INCLUDED	SURFACE	UNV.	5	2		
F1	2X4' FLAT PANEL LED	SIGNIFY 2FPZ48L835-4-DS-UNV-DIM ACUTY, COOPER, HUBBELL	N/A	LED 3500K 4800 LUMENS	RECESSED	UNV.	40	1		
F2	2X4' FLAT PANEL LED	SIGNIFY 2FPZ38L835-4-DS-UNV-DIM ACUTY, COOPER, HUBBELL	N/A	LED 3500K 3800 LUMENS	RECESSED	UNV.	33	1		
F3	2X2' FLAT PANEL LED	SIGNIFY 2FPZ38L835-2-DS-UNV-DIM ACUTY, COOPER, HUBBELL	N/A	LED 3500K 3800 LUMENS	RECESSED	UNV.	36	1		
F4	4" STRIP FIXTURE LED	SIGNIFY FSS440L835-UNV-DIM ACUTY, COOPER, HUBBELL	N/A	LED 3500K 4000 LUMENS	SUSPENDED	UNV.	35	1.3		
L8	8									

SECTION 001113

NOTICE OF PUBLIC HEARING AND LETTING OF BIDS FOR THE OELWEIN CITY HALL RENOVATION, CITY OF OELWEIN hereafter referred to as the Owner.

Notice is hereby given that the Owner, 20 2ND Avenue SW, Oelwein, Iowa invites contractors to submit bids for this project and that a public hearing will be held on the on the project.

Project Description: The proposed project consists of a renovation and addition to the existing Oelwein City Hall. Project consists of a new ADA accessible entry addition and certain renovations to the building including new aluminum windows, acoustical tile ceilings, casework, finishes, plumbing, HVAC and electrical upgrades.

Bid Type: One lump sum contract will be awarded at the appointed time and place.

Pre-Bid Conference: A pre-bid meeting for all Contractors, Subcontractors and suppliers will be held at the Oelwein City Hall on April 10, 2023 at 10:00am local time.

Project Access: The building will only be available for inspection during the pre-bid meeting and by appointment by contacting city hall.

Documents: Plans and specifications governing construction of the proposed project have been prepared by Martin Gardner Architecture PC., Marion, Iowa as Architect. All materials and procedures shall be in strict accordance with said plans and specifications referred to and defining said proposed improvements and are hereby made a part of this Advertisement and of the proposed contract by reference, and that the contract shall be executed in compliance therewith.

Document Availability: Plans and specifications and proposed contract documents may be examined at the offices of the Architect, and other locations as outlined in the Construction Documents. Copies of the plans and specifications, form of contract and bid form may be obtained from Rapids Reproductions, 6015 Huntington Court NE, Cedar Rapids, IA 52402, (319) 364-2473. You may also access and request plans by visiting their online Plan Room on their website at www.RapidsRepro.com. Rapids Reproductions will issue plans to all Contractors. A maximum of two sets of Construction Documents will be provided to each General Contractor upon delivery of a \$250 per set refundable deposit made payable to the Architect but delivered to Rapids Reproductions Cedar Rapids office. All other Subcontractors and Suppliers may obtain one set of Construction Documents upon delivery of a \$250 per set refundable deposit made payable to the Architect but delivered to Rapids Reproductions Cedar Rapids office. A link to the drawings and specifications are also available at the architect's website www.MartinGardnerArch.com. Plans and specifications to be viewed are in Adobe .pdf format and may be downloaded and printed. Be aware that no warranty as to the compatibility of your computer software or hardware with the files provided is made. Variations between the printed files provided above by the Architect and these electronic files may exist. In

the event that a conflict does exist, the printed documents issued by the Architect will take precedence over the downloaded files.

Bid Forms: All bids shall be on the forms provided in the specifications for project. The provided forms of proposal shall be submitted at the time required for bids.

Bid Security: Each bid shall be accompanied by a bid bond, certified check, cashier's check or credit union certified share draft, in a separate sealed envelope in an amount equal to five percent (5%) of the total amount of the bid. If bid bond is submitted, it must be on an approved AIA bid bond form. The certified check or cashier's check shall be drawn on a bank in Iowa or a bank chartered under the laws of the United States of America; certified share draft shall be drawn on a credit union chartered under the laws of the United States. Bid security should be made payable to the Owner as security that if awarded a contract the bidder will enter into a contract at the prices bid and furnish the required Contractor's Bonds, Certificate of Insurance, and other materials as may be required in the contract documents. The certified check, cashier's check, or certified share draft may be cashed, or the Bid Bond forfeited, and the proceeds retained as liquidated damages if the Bidder fails to execute a contract and file acceptable Certificate of Insurance within ten (10) days after the acceptance of the proposal by the Owner. No bidder may withdraw a proposal forty-five (45) days after the date set for opening bids.

Project Bonding: The successful bidder shall be required to furnish a Contractor's Performance and Labor and Material Payment Bond on an approved AIA form in an amount equal to one hundred percent (100%) of the contract price. The bonds are to be issued by responsible surety, approved by the Owner, and shall guarantee the faithful performance of the contract and the terms and conditions therein contained and shall guarantee the prompt payment for and of all materials and protect and save harmless the Owner from all claims and damages of any kind caused by the operation of the Contractor, and shall guarantee the work contracted for a period of one (1) year from the date of final acceptance of the improvements by the Owner.

Sales Tax: The said project is a tax-exempt project. The Owner will issue exemption certificates from the Iowa Department of Revenue, as specified in the 701 Iowa Administrative Code, Chapter 19, Rule 19.12. These certificates shall be used by the successful bidder when purchasing materials or the completion of the project.

Bid Filing: All bids must be filed at the Oelwein City Hall, located at 20 2nd Avenue SW, Oelwein, Iowa, on or before 11:00 am local time, April 19, 2023. Bids received after this time will not be accepted.

Bid Opening: Bids will be opened and publicly read aloud immediately after specified closing time.

Notice of Public Hearing- Notice is hereby given that the Oelwein City Council will meet in the Council Chambers located in City Hall at 20 2nd Avenue SW, Oelwein, Iowa on April 24, 2023 at 6:00 pm local time at which time and place a hearing will be held on the proposed drawing, specifications,

budget, and form of contract for the Oelwein City Hall Renovation project. Any interested party may appear to be heard. At the said time and place, the City Council will also receive and consider BIDS for said construction that were previously opened at the time and place noted below.

Award of Contract: Notice is hereby given that the Owner will meet at the location and time designated above at which time and place the Owner will consider bids for said construction.

Progress Payments: Payment to the Contractor will be made in monthly estimates and one final payment. Monthly estimates will be equivalent to ninety-five percent (95%) of the contract value of the work completed during the preceding calendar month. Such payments will in no way be construed as an act of acceptance for any of the work partially or totally completed.

Final Payment: Final payment to Contractor will be made no earlier than forty-five (45) days from and after final acceptance of work by the Owner, subject to the contract conditions and in accordance with the provisions of Iowa Code chapters 26 and 573.

Project Construction Schedule: The work under the contract shall commence on or before the date specified in the written 'Notice of Proceed' or if lieu of the notice to proceed, the execution of the contract for construction and shall be Substantially Completed on or before the date as indicated on the contractors bid form and fully completed and ready for acceptance no later than 30 days after this date.

Iowa Preference: By virtue of statutory authority, preference will be given to products and provisions grown and produced within the State of Iowa and to Iowa domestic labor.

The Owner hereby reserves the right to reject any or all bids and to waive informalities and irregularities and to accept the lowest responsive and responsible bid.

Published upon order of the City of Oelwein

Brett DeVore
City of Oelwein Mayor

By _____
Brett DeVore, Mayor

Attest: _____
Dylan Mulfinger, City Administrator