

WABANAKI WELLNESS RECOVERY HOME; FAMILY & FRIENDS CENTER

WABANAKI PUBLIC HEALTH
40 OXFORD STREET, MILLINOCKET, ME 04462

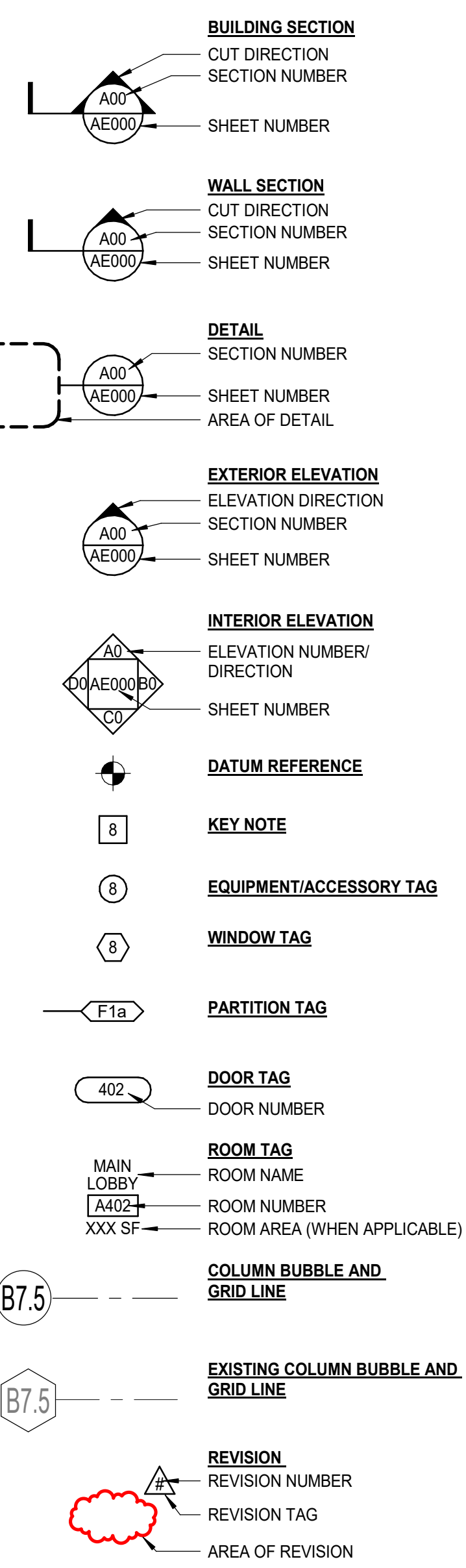
ABBREVIATIONS:

AB	ANCHOR BOLT	L	ANGLE / LENGTH
ACU	AIR CONDITIONING	LF	LEFT
ACCU	AIR CONDITIONING CONDENSER UNIT	LNO	SHEET UNCLE/UM
ACPLAS	ACCOUSTICAL PLASTER	LL	LIVE LOAD
ACT	ACOUSTIC CEILING TILE	LLH	LONG LEG HORIZONTAL
AFF	ABOVE FINISH FLOOR	LLV	LONG LEG VERTICAL
AGS	AGGREGATE	LP	LIGHTING PANEL / LIQUIFIED PROPANE
ALT	ALTERNATE	MAX	MAXIMUM
AP	ACCESS PANEL	MB	MARKER BOARD
APPROX	APPROXIMATE	MDO	MEDIUM DENSITY OVERLAY
ARCH	ARCHITECTURAL	MECH	MECHANICAL
		MFR	MANUFACTURER
		MIN	MINIMUM
BCX	BOTTOM CORD EXTENSION	MISC	MISCELLANEOUS
BD	BOARD	NC	MASONRY OPENING
BIT	BITUMINOUS	MR	MOISTURE-RESISTANT
BLDG	BUILDING	MUA	MAKE-UP AIR
BLP	BORROWED LIGHT PANEL		
BO	BOTTOM OF		
BOF	BOTTOM OF FOOTING		
BOS	BOTTOM OF STEEL	N	NOSING
BOT	BOTTOM	NCB	NEW CATCH BASIN
BRDG	BRIDGING	NDMH	NEW DRAIN MANHOLE
BRG	BEARING	NFM	NEW FORCE MAIN
BS	BOTH SIDES	NC	NOT IN CONTRACT
BSE	BRICK SHELF ELEVATION	NS	NEAR SIDE
		NSD	NEW STORM DRAIN LINE
		NSS	NEW SANITARY SEWER LINE
C	CHANNEL	NTS	NOT TO SCALE
CB	CATCH BASIN / CHALKBOARD	NW	NEW WATER LINE
CBM	CEMENTITIOUS BACKER BOARD		
CFM	CUBIC FEET PER MINUTE	OC	ON CENTER
CIP	CAST IN PLACE	CJ	CONTROL JOINT / CONSTRUCTION JOINT
CIP	CONTROL JOINT / CONSTRUCTION JOINT	OF	OVERHEAD
CL	CENTER LINE	PA	PUBLIC ADDRESS
CLL	CONTRACT LIMIT LINE	PAF	POWER-ACTUATED FASTENER
CLR	CLEAR	PDU	POOL DEHUMIDIFICATION UNIT
CMU	CONCRETE MASONRY UNIT	PL	PLATE / PROPERTY LINE
COL	COLUMN	PLAM	PLASTIC LAMINATE
CONC	CONCRETE	PP	POUNDS PER LINEAR FOOT
CONT	CONTINUOUS	PSF	POUNDS PER SQUARE FOOT
CT	CERAMIC TILE	PT	POUNDS PER SQUARE INCH
CUH	CABINET UNIT HEATER	PVC	PRESSURE-TREATED POLYVINYL CHLORIDE
		PVMT	PAVEMENT
		R	RISER / RADIUS
D	DIAMETER	RB	RESILIENT BASE
DBL	DOUBLE	RD	ROOF DRAIN
DF	DRINKING FOUNTAIN	REINF	REINFORCED
DL	DEAD LOAD	REQD	REQUIRED
DR	DISPLAY RAIL	RT	RIGHT
DTL	DETAIL	RO	ROUGH OPENING
DW	DISHWASHER	ROW	RIGHT OF WAY
DWG	DRAWING	RR	RUB-RAIL
		RTU	ROOF TOP UNIT (HVAC)
EA	EACH		
EF	EXHAUST FAN / EACH FACE	SACT	SUSPENDED ACOUSTIC TILE CEILING
EJ	EXPANSION JOINT	SC	SOLID CORE
EL	ELEVATION	SCF	SQUARE FOOT / SUPPLY FAN
ELEC	ELECTRICAL	SFRM	SPRAYED FIRE-RESISTIVE MATERIAL
EOP	EDGE OF PAVEMENT	SHT	SHEET
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	SIM	SIMILAR
EQ	EQUAL	SK	SHEAR KEY
EW	ELECTRIC WATER COOLER	SN	SANITARY NAPKIN (DISPENSER)
EXIST	EXISTING	SP	SPECIAL
EXP	EXPANSION	SS	STAINLESS STEEL
EXT	EXTERIOR	STA	STATION
		STL	STEEL
FB	FLAT BAR	STRUC	STRUCTURAL
FBO	FURNISHED BY OTHERS		
FCO	FLOOR CLEA-OUT	T	TREAD
FD	FLOOR DRAIN	TB	TACKBOARD
FE	FIRE EXTINGUISHER	T&B	TOP AND BOTTOM
FEC	FIRE EXTINGUISHER CABINET	TBM	TEMPORARY BENCHMARK
FF	FINISH FLOOR / FAR FACE	TCE	TOP CHORD EXTENSION
FFE	FINISH FLOOR ELEVATION	TJ	TIE JOIST
FO	FRAMED OPENING	TO	TOP OF
FRP	FIBER REINFORCED PLASTIC	TOC	TOP OF CONCRETE
FS	FAR SIDE	TOF	TOP OF FOOTING
FTG	FOOTING	TOM	TOP OF MASONRY
		TOP	TOP OF PIER
GA	GAUGE	TOS	TOP OF STEEL
GALV	GALVANIZED	TOW	TOP OF WALL
GB	GRAB BAR	TP	TOILET PAPER (DISPENSER) / TEST PIT
GC	GENERAL CONTRACTOR	TS	TUBE STEEL
GDT	GYPSSUM DROP IN TILE	TYP	TYPICAL
GV	GRAVITY VENT		
GWB	GYPSSUM WALL BOARD	UH	UNIT HEATER
		UNO	UNLESS NOTED OTHERWISE
		V	VENT PIPE / VERTICAL
		VB	VAPOR BARRIER
		VCT	VINYL COMPOSITION TILE
		VERT	VERTICAL
		VP	VISION PANEL
		VTR	VENT THROUGH THE ROOF
		W/	WITH
		WC	WATER CLOSET
		WD	WOOD
		WF	WIDE FLANGE
		WH	WATER HEATER
		WTO	WITH OUT
		WP	WORKING POINT
		WS	WEB STIFFENER
		WWF	WELDED WIRE FABRIC

LOCATION MAP:

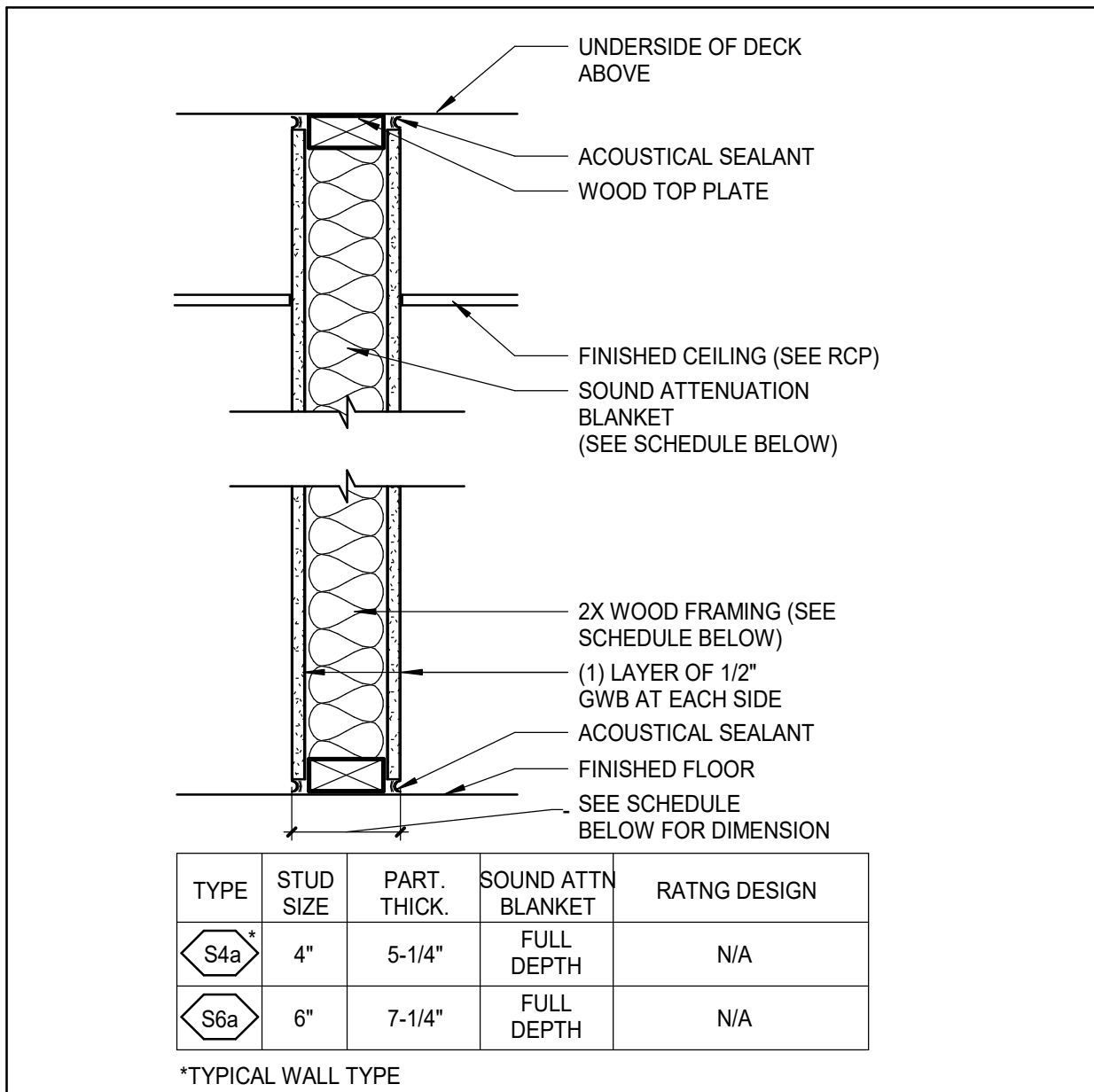


SYMBOL LEGEND:

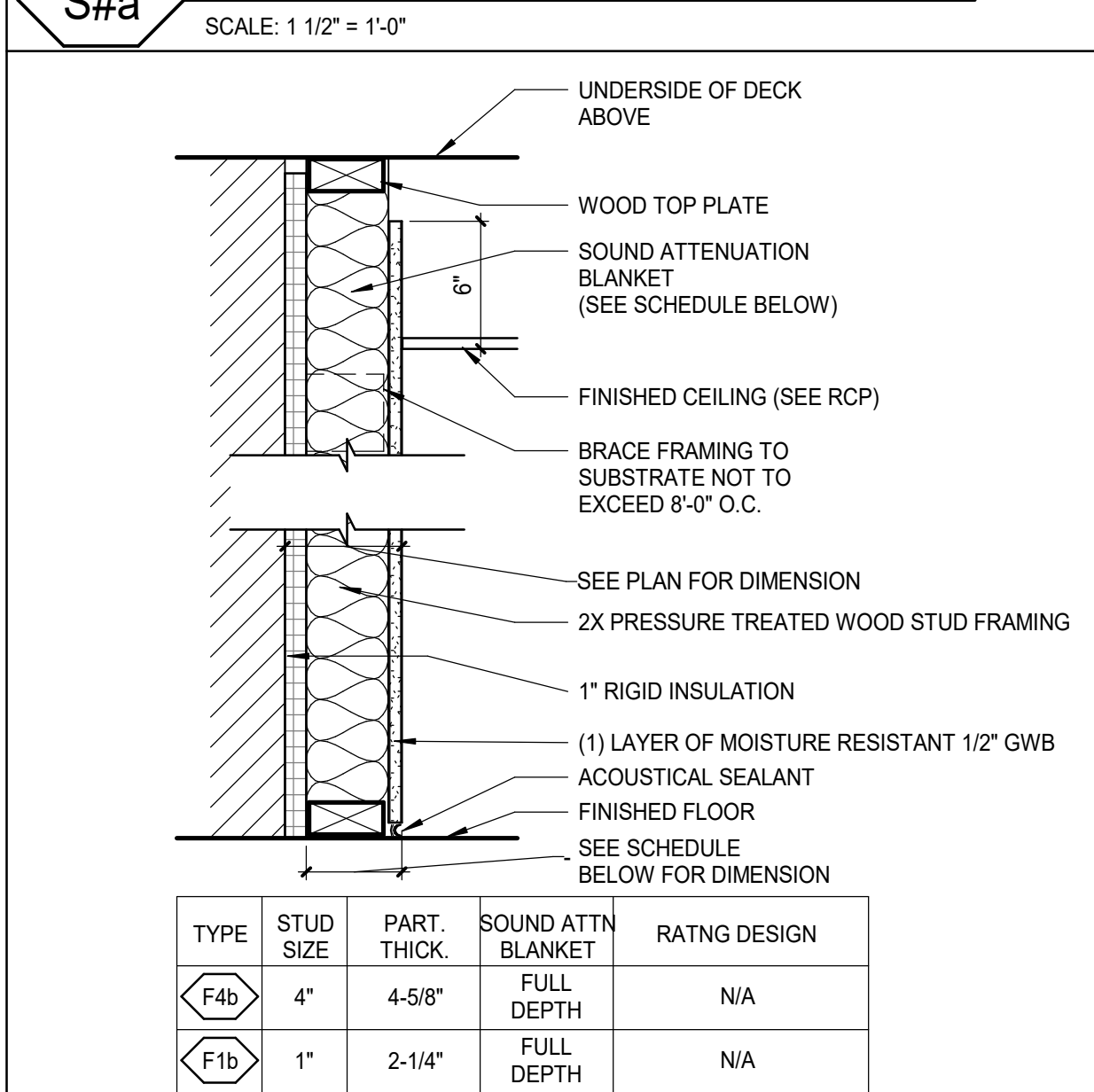


DRAWING LIST

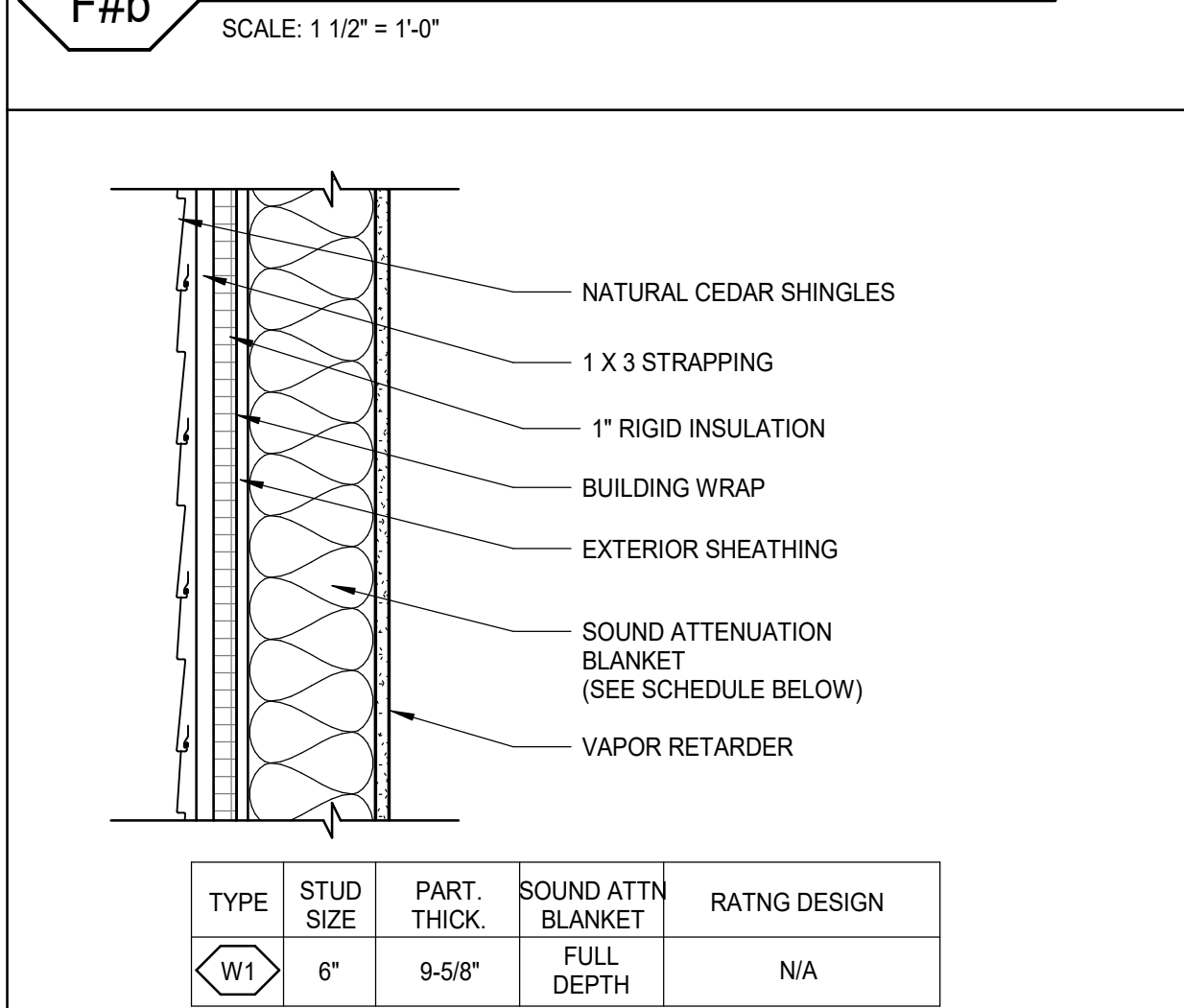
SHEET NUMBER	SHEET NAME
01 - GENERAL	
G1001	COVER SHEET, LEGEND & ABBREVIATIONS
G1002	SPECIFICATIONS & NOTES
G1003	MOUNTING HEIGHTS
G1003	CODE COMPLIANCE PLAN
02 - CIVIL	
CP101	SITE AND UTILITY PLAN
CG101	SITE GRADING & DRAINAGE PLAN
CP501	SITE DETAILS
CP502	SITE DETAILS
05 - STRUCTURAL	
S-001	STRUCTURAL GENERAL NOTES
SB101	FOUNDATION PLAN
SB501	FOUNDATION DETAILS
SF101	FRAMING PLAN
SF102	ROOF FRAMING PLAN
SF501	FRAMING SECTIONS AND DETAILS
SF502	FRAMING SECTIONS AND DETAILS
09 - ARCHITECTURAL	
AD101	DEMOLITION PLANS AND ELEVATIONS
AE101	FLOOR AND FURNITURE SUGGESTION PLANS
AE111	REFLECTED CEILING PLAN AND ROOF PLAN
AE201	EXTERIOR ELEVATIONS
AE211	INTERIOR ELEVATIONS
AE211	DETAILS
AE601	SCHEDULE - DOOR
10 - INTERIORS	
ID101	FINISH PLANS
14 - MECHANICAL	
M-001	MECHANICAL AND PLUMBING NOTES AND SPECIFICATIONS
M-002	MECHANICAL AND PLUMBING NOTES AND SPECIFICATIONS
M-100	MECHANICAL FLOOR PLANS
15 - ELECTRICAL	
E-001	LEGEND AND GENERAL NOTES
E-002	ELECTRICAL SPECIFICATIONS
E-100	BASEMENT ELECTRICAL PLAN
E-101	FIRST FLOOR ELECTRICAL PLAN



STUD - NON RATED PARTITIONS



FURRING - NON RATED PARTITIONS



STUD - NON RATED PARTITIONS



INTERIOR PARTITION NOTES:

- PARTITION TYPE DRAWINGS ARE GRAPHIC REPRESENTATION ONLY. THEY ARE NOT TO SCALE TYPICAL.
- REFERENCE PLANS FOR PARTITION TAGS.
- ALL BLANKET AND ACOUSTICAL INSULATION IS TO BE FULL HEIGHT AND FULL THICKNESS UNLESS NOTED OTHERWISE.
- REFERENCE CODE COMPLIANCE PLANS FOR WHICH WALLS ARE SMOKE AND FIRE BARRIER ASSEMBLIES.
- MORTAR USED IN THE RATED ASSEMBLIES SHALL HAVE SAND TO CEMENT RATIO BETWEEN 2.25 & 3.6, AND THE HYDRATED LIME TO CEMENT RATIO LESS THAN 0.6.
- CMU WALL ASSEMBLIES HAVE BEEN DESIGNED FOR FIRE RESISTANCE PER CALCULATIONS INDICATED IN THE "ANALYTICAL METHODS OF DETERMINING FIRE ENDURANCE OF CONCRETE AND MASONRY-MODEL CODE APPROVED PROCEDURES" AS PUBLISHED BY THE CONCRETE AND MASONRY INDUSTRY FIRE SAFETY COMMITTEE. BY CALCULATION, ALL ASSEMBLIES MEET OR EXCEED THE REQUIREMENT. THE CONTRACTOR SHALL PROVIDE SOLID GROUT AT ALL FIRE RATED MASONRY ASSEMBLIES AS REQUIRED TO PROVIDE THE FOLLOWING EQUIVALENT THICKNESS: 1 HOUR RATED - 2.8 INCHES, 2 HOUR RATED - 4.2 INCHES.
- APPLY CONTINUOUS FIRESTOPPING SEALANT AT ALL PENETRATIONS IN FIRE RATED AND SMOKE PARTITIONS. REFER TO SPECIFICATIONS FOR FIRESTOPPING INFORMATION.
- REFER TO INTERIOR FINISH PLAN FOR ADDITIONAL INFORMATION ON EXTENTS OF FINISHES APPLIED TO WALLS.
- TYPICAL TOP OF WALL DETAILS AND THROUGH WALL PENETRATION DETAILS ARE TO BE COORDINATED FOR EACH INDIVIDUAL WALL CONDITION BY THE CONTRACTOR PRIOR TO PROCEEDING WITH WORK. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES OR INCONSISTENCIES BETWEEN THE DETAIL AND TRUE CONDITIONS. FAILURE TO REPORT ANY DISCREPANCIES WITHIN THESE CONSTRUCTION DOCUMENTS TO THE ARCHITECT WILL NOT BE GROUNDS FOR ADDITIONAL COST OR CHANGE ORDERS.
- REFER TO INTERIOR FINISH PLAN FOR APPLIED FINISHES SUCH AS TILE. PROVIDE SPECIFIED WALL FINISH SUBSTRATE IN PLACE OF GYPSSUM BOARD WHERE TILE IS SCHEDULED.
- REFER TO INTERIOR FINISH PLAN FOR ADDITIONAL INFORMATION ON EXTENTS OF FINISHES APPLIED TO WALLS.
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- PROVIDE CONTROL JOINTS AND ALLOWANCE FOR PERIMETER MOVEMENT FOR INTERIOR GYPSSUM WALLS. LOCATE CONTROL JOINTS TO ALIGN WITH DOOR HEAD OR WINDOW EDGES WHERE POSSIBLE. OR AS INDICATED BY ARCHITECT.
- REFER TO INTERIOR FINISH PLAN FOR ADDITIONAL INFORMATION ON EXTENTS OF FINISHES APPLIED TO WALLS.
- REFERENCE SPECIFICATIONS FOR LABELING OF FIRE RATED PARTITIONS.
- AT STC RATED PARTITIONS COORDINATE SUCH THAT ELECTRICAL BOXES IN ADJOINING ROOMS DO NOT SHARE STUD CAVITIES. ALL PENETRATIONS MUST BE SEALED AND IN STAGGERED CAVITIES.
- FURRING PARTITIONS TO BE HELD OFF EXTERIOR WALL 1/4\"/>
- WOOD BLOCKING/PLYWOOD TO BE FIRE TREATED, TYP.

GENERAL NOTES:

- FIELD VERIFY ALL DIMENSIONS AND LAYOUT PRIOR TO PROCEEDING WITH WORK. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES OR INCONSISTENCIES. FAILURE TO REPORT ANY DISCREPANCIES WITHIN THESE CONSTRUCTION DOCUMENTS TO THE ARCHITECT WILL NOT BE GROUNDS FOR ADDITIONAL COST OR CHANGE ORDERS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MATERIALS (UNLESS NOTED OTHERWISE), AND WORKMANSHIP IN ACCORDANCE WITH FEDERAL, STATE, CITY, AND LOCAL BUILDING CODES AND THEIR REQUIREMENTS.
- NOTES THAT APPEAR ON ALL TRADE CONTRACT DRAWINGS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE CONSIDERED REQUIRED BY ALL.
- EACH TRADE TO PROVIDE SMOKE OR FIRE SEALANT AT PENETRATIONS AS REQUIRED FOR WALL TYPE (UNLESS NOTED OTHERWISE). ALL SEALANT, FIRE STOPPING AND SMOKE STOPPING ASSEMBLIES SHALL BE U.L. RATED.
- REFER TO ALL CONSTRUCTION DOCUMENTS FOR REQUIREMENTS WHICH MAY AFFECT THE WORK IN ANOTHER AREA AND/OR DISCIPLINE AND COORDINATE.
- CONTRACTOR SHALL PROVIDE BLOCKING IN WALLS AS NECESSARY WHERE CASEWORK, FURNITURE, SHELVES, HANDRAILS, AND/OR OTHER MISC. EQUIPMENT IS LOCATED. ALL BLOCKING AND MISC STEEL SHALL BE CONTINUOUS UNLESS NOTED OTHERWISE.
- REFER TO G1 SERIES FOR GENERAL MOUNTING HEIGHTS.
- DO NOT SCALE CONSTRUCTION DOCUMENTS.
- PROVIDE MEANS *FURNISH AND INSTALL*.
- NOTE THAT ARCHITECTURAL ELEVATION 100'-0\"/>
- WHERE ARCHITECTURAL DRAWINGS DEPICT MECHANICAL OR ELECTRICAL ITEMS OR EQUIPMENT (LIGHTS, DIFFUSERS, ETC.) INSTALLATION OF SUCH ITEMS SHALL BE COORDINATED WITH EACH RESPECTIVE TRADE SUB-CONTRACTOR.
- WHERE THE DRAWINGS DO NOT ADDRESS INSTALLATION METHODOLOGY, THE CONTRACTOR SHALL BE BOUND TO PERFORM IN STRICT COMPLIANCE WITH CODES. THE MANUFACTURER'S SPECIFICATIONS AND INDUSTRY STANDARDS.
- THE CONTRACTOR AND THEIR SUBCONTRACTORS SHALL NOT MAKE STRUCTURAL CHANGES OR MODIFICATIONS TO THE STEEL WITHOUT WRITTEN APPROVAL OF THE ARCHITECT/STRUCTURAL ENGINEER, UNLESS OTHERWISE DETAILED ON THE DRAWINGS.
- PROVIDE FIRE-RATED PLYWOOD PANEL RATING LABEL FACING OUTWARD AT ALL ELECTRICAL AND TELEPHONE/DATA ROOMS AND CLOSETS.
- ALL MATERIALS SHALL BE ASBESTOS-FREE.
- PRODUCTS NOTED IN DRAWINGS WITH A SPECIFIC MANUFACTURER'S NAME OR PRODUCT NAME ARE INTENDED TO IDENTIFY THE TYPE OF PRODUCT REQUIRED. REFER TO SPECIFICATIONS FOR SPECIFIC PRODUCT REQUIREMENTS AND FOR MANUFACTURER OR SUBSTITUTION OPTIONS.

ISSUE FOR CONSTRUCTION

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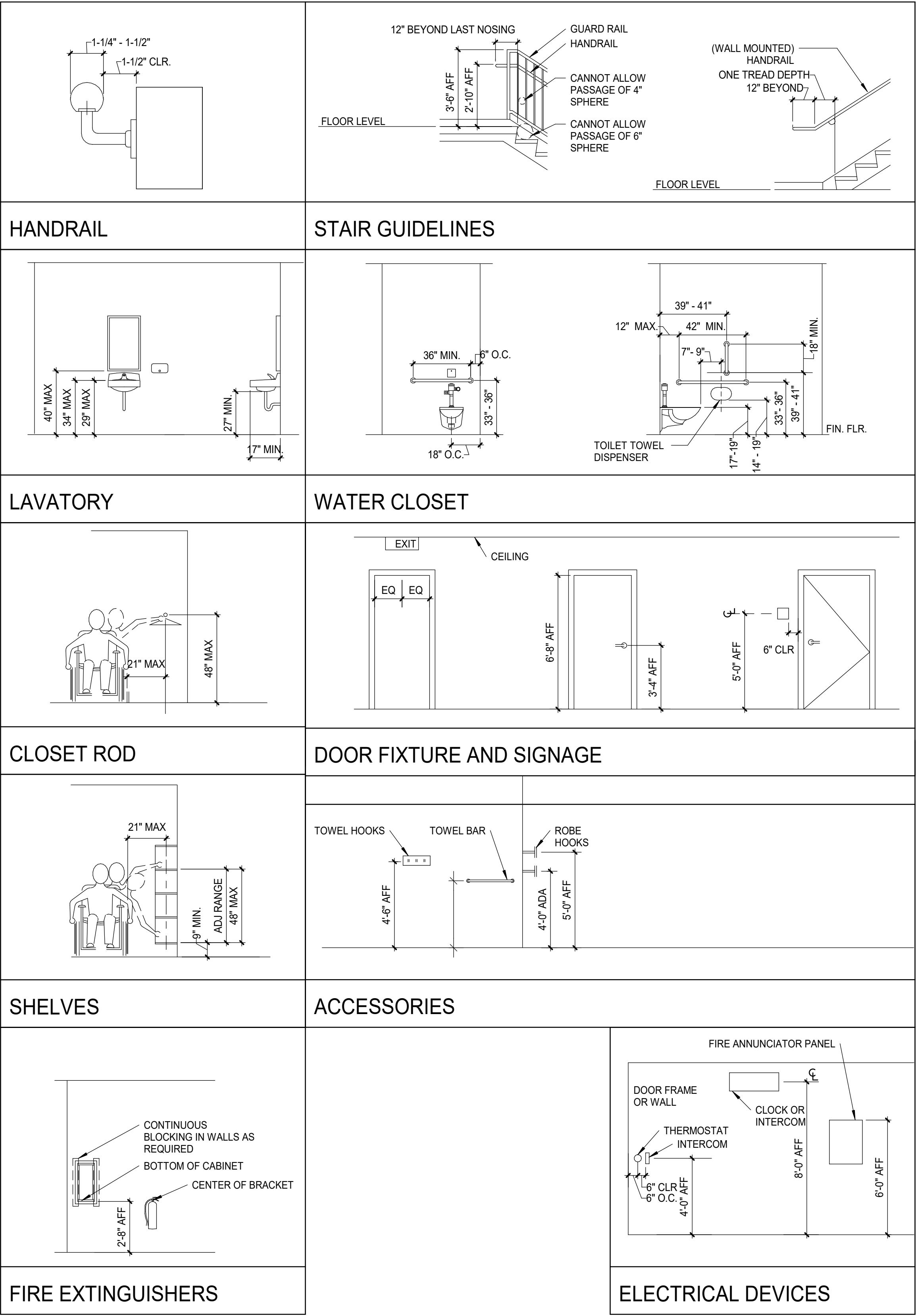
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MOUNTING HEIGHTS

12" = 1'-0"

0	ISSUE FOR CONSTRUCTION	07-14-23
REV	DESCRIPTION	DATE

ISSUE FOR CONSTRUCTION

07-14-23

CURRENT ISSUE STATUS:

SMRT

SMRT Architects and Engineers
75 Washington Ave., Suite 3A
Portland, Maine 04101
1.877.700.7678
www.smrtinc.com

WABANAKI PUBLIC HEALTH
WABANAKI WELLNESS RECOVERY
HOME; FAMILY & FRIENDS CENTER

PROJECT LOCATION

MOUNTING HEIGHTS

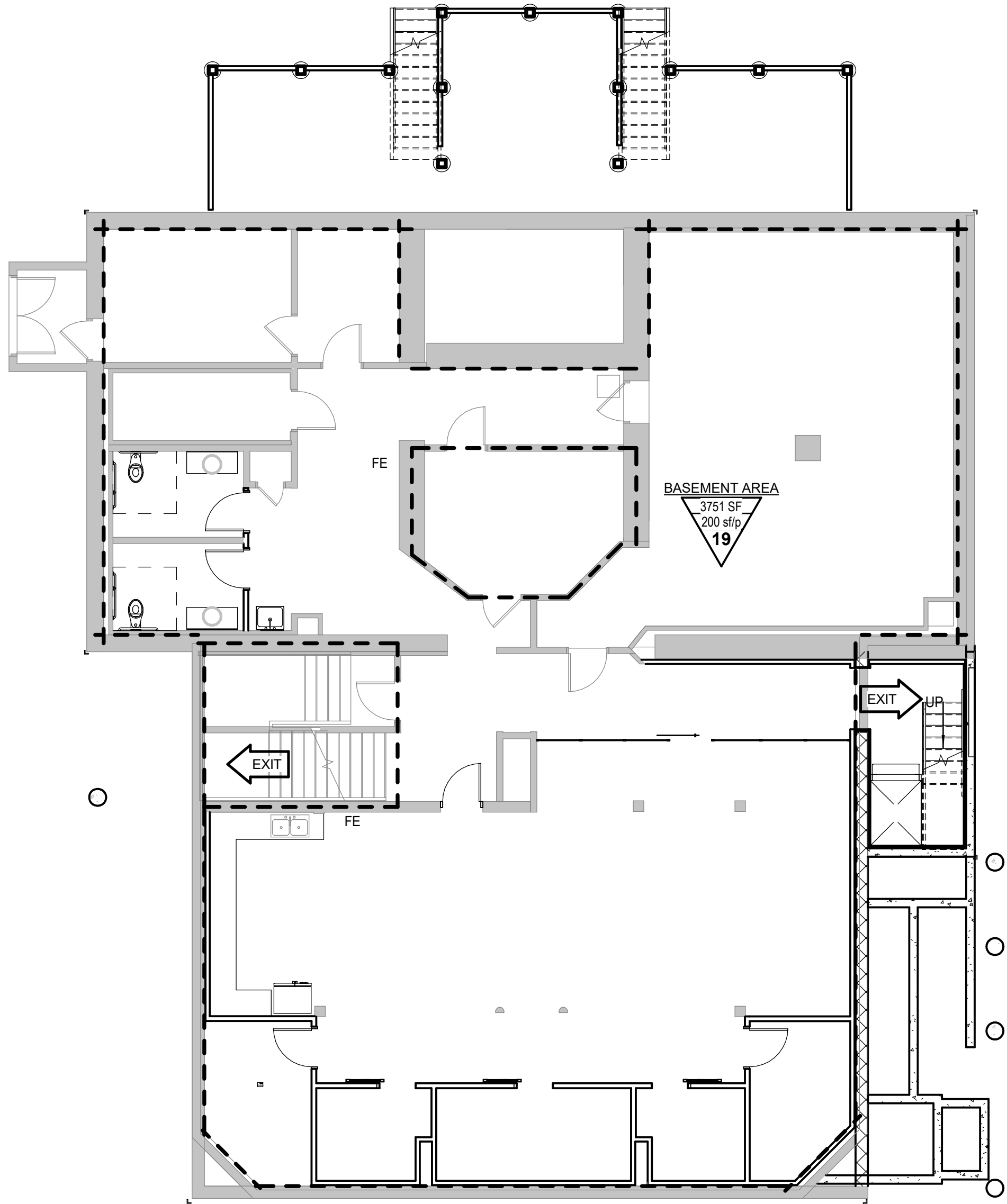
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SCALE: AS NOTED

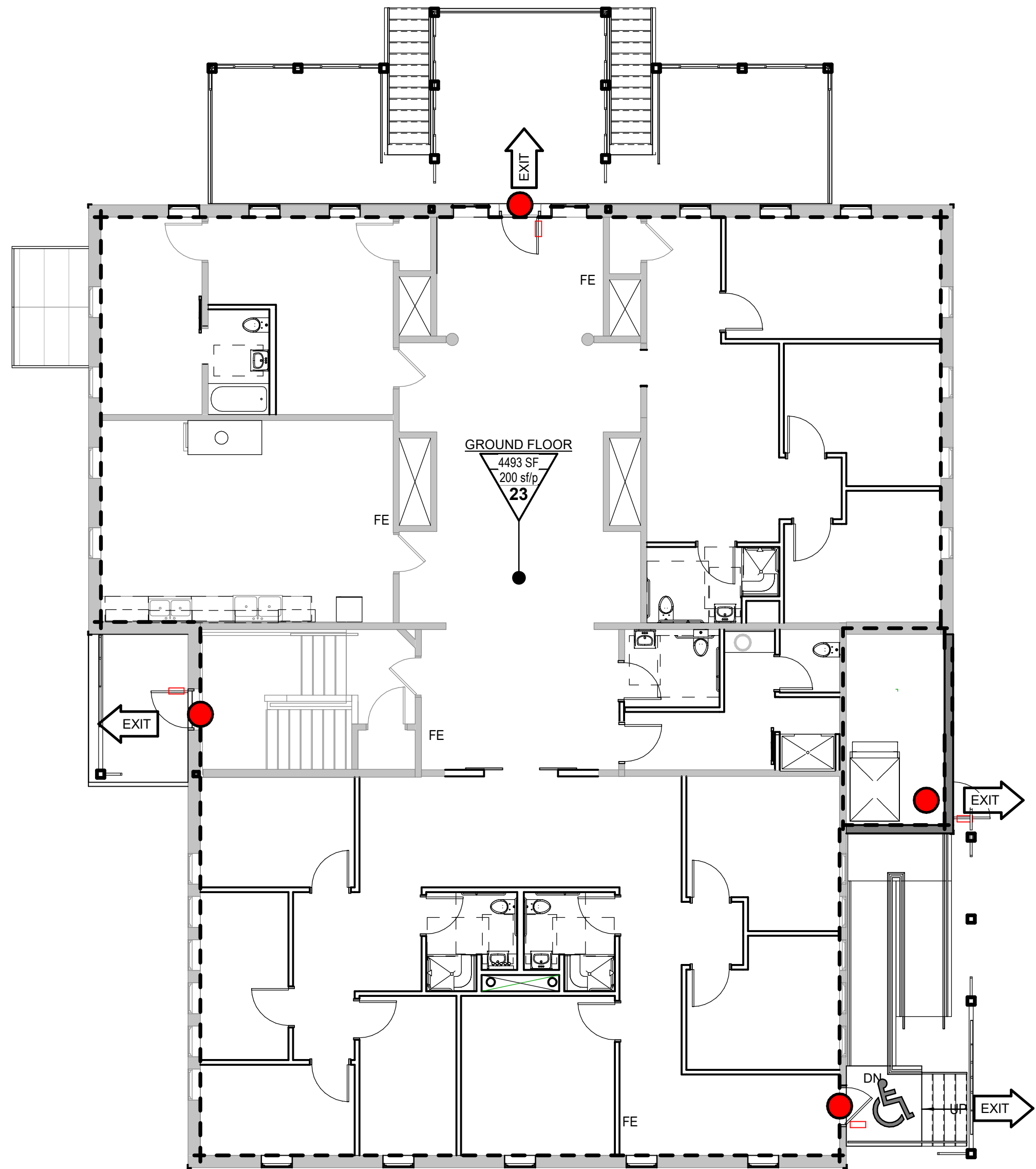
APPROVED BY:	RSC	PROJECT NO:	23039
DESIGNED BY:	RSC		
CHECKED BY:	ACL		
DRAWN BY:	ACL		
SMRT FILE:	G1003-23039	SHEET No.	G1003

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003-SMRT-103



A00 - BASEMENT ②
1/8" = 1'-0"



A01 - OCCUPANCY ①
1/8" = 1'-0"

LIFE SAFETY LEGEND

- 3 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE BARRIER
- 1 HOUR RATED FIRE BARRIER
- 1 HOUR RATED SMOKE BARRIER
- SMOKE PARTITION
- EXIT DISCHARGE
- SMOKE CONTAINMENT BARRIER
- STANDPIPE OR HOSE VALVE CABINET
- FIRE DEPT. CONNECTION
- TRAVEL DISTANCE
- FIRE EXTINGUISHER CABINET
- FIRE EXTINGUISHER WALL HUNG
- EGRESS DOOR
- ACCESSIBLE ENTRY/EGRESS



AREA BOUNDARY

CODES & OTHER REQUIREMENTS:

- INTERNATIONAL RESIDENTIAL CODE 2015 (APPLICABLE PER MAINE STATUTES)
- NATIONAL ALLIANCE FOR RECOVERY RESIDENCES (NARR) - PHYSICAL ENVIRONMENT REQUIREMENTS

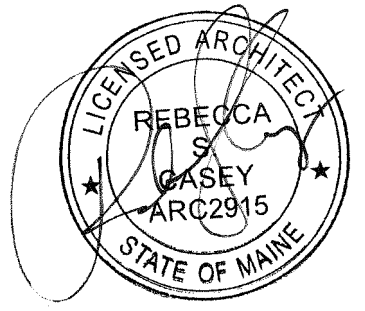
NOTE: WHERE PLUMBING CLEARANCES DO NOT MATCH IRC, THEY ARE MODIFIED TO MEET ADA ACCESSIBILITY GUIDELINES.

CODE SUMMARY					
ITEM	CODE	ACTUAL	IRCSECTION	Visible	
A. OCCUPANCY					
Occupancy classification	R	R		Yes	
Proposed Construction type	TYPE VB	EXISTING	Table 601 - IBC	Yes	
Sprinkler req'd	N	N	313.2 Exception	Yes	
C. STORIES, HEIGHT & AREA					
Stories	EXISTING	1		Yes	
Height	EXISTING	EXISTING		Yes	
Area (SF)	EXISTING	+/- 5000		Yes	
D. EGRESS					
# of exits req'd	1	4	R311.2	Yes	
Hallway width	36"	>36"	R311.6	Yes	
Stair Width	36"/27"CLR	>36"	R311.7	Yes	
Headroom	6'8"	>6'8"	R305	Yes	
E. PLUMBING					
# of Bldg Occupants	67	9-12 MAX. SLEEPING		Yes	
Water Closets		8		Yes	
Lavatories		8		Yes	
Showers	1-2 (NARR)	5		Yes	
Kitchen & Service Sinks		4		Yes	
F. ENERGY CONSERVATION CODE (Prescriptive Path)					
Zone Classification		Zone 6	(C301)	Yes	
Roof Assemblies	R-30 ci	EXISTING		Yes	
Walls, Above Grade	R-13 + R-7.5 ci	EXG+ R5		Yes	
Walls, below-grade	R-7.5 ci	EXG+R5		Yes	

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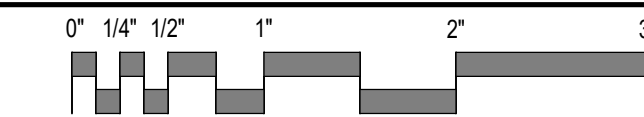
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**WABANAKI PUBLIC HEALTH
WABANAKI WELLNESS RECOVERY
HOME; FAMILY & FRIENDS CENTER**

PROJECT LOCATION

CODE COMPLIANCE PLAN

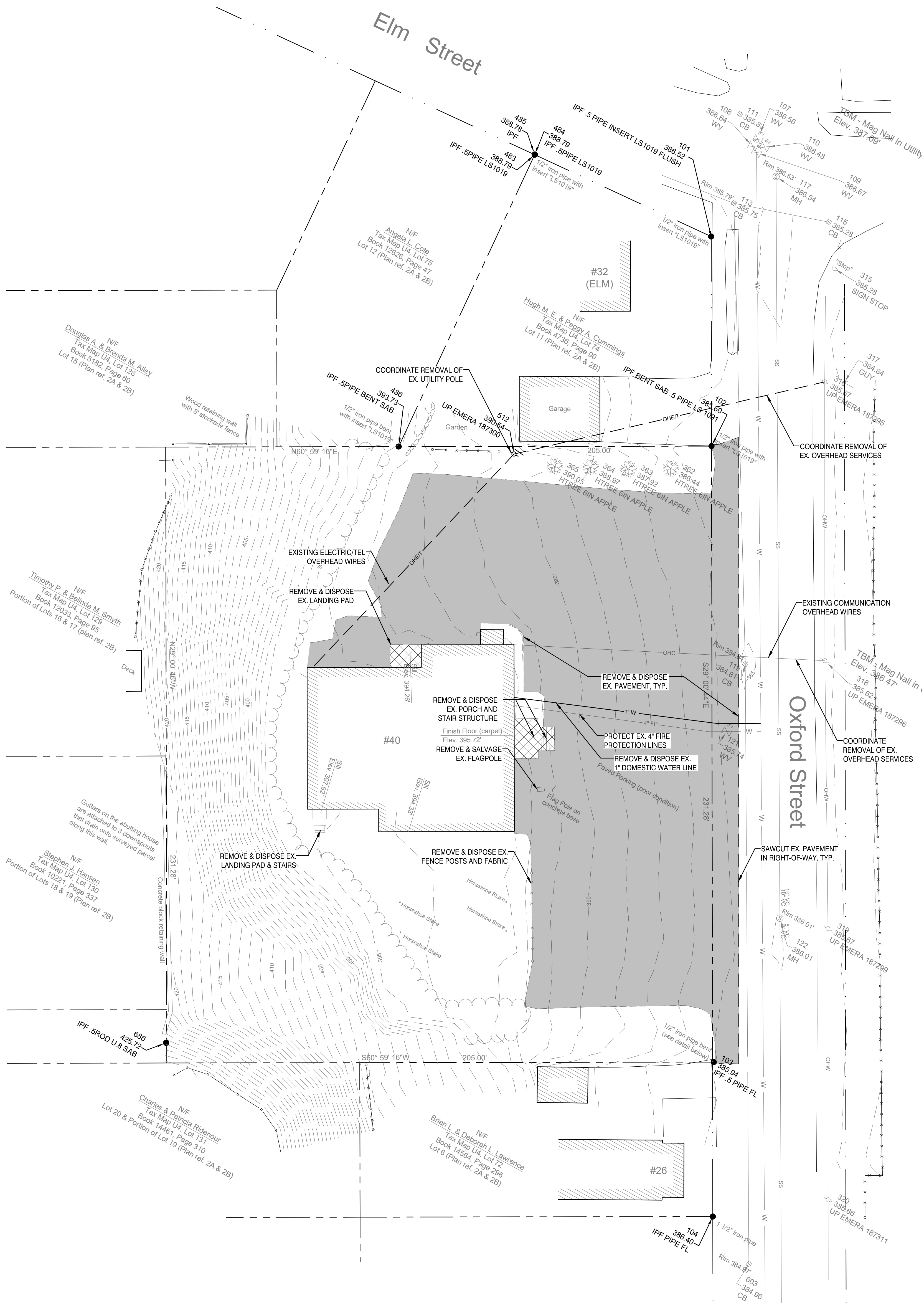
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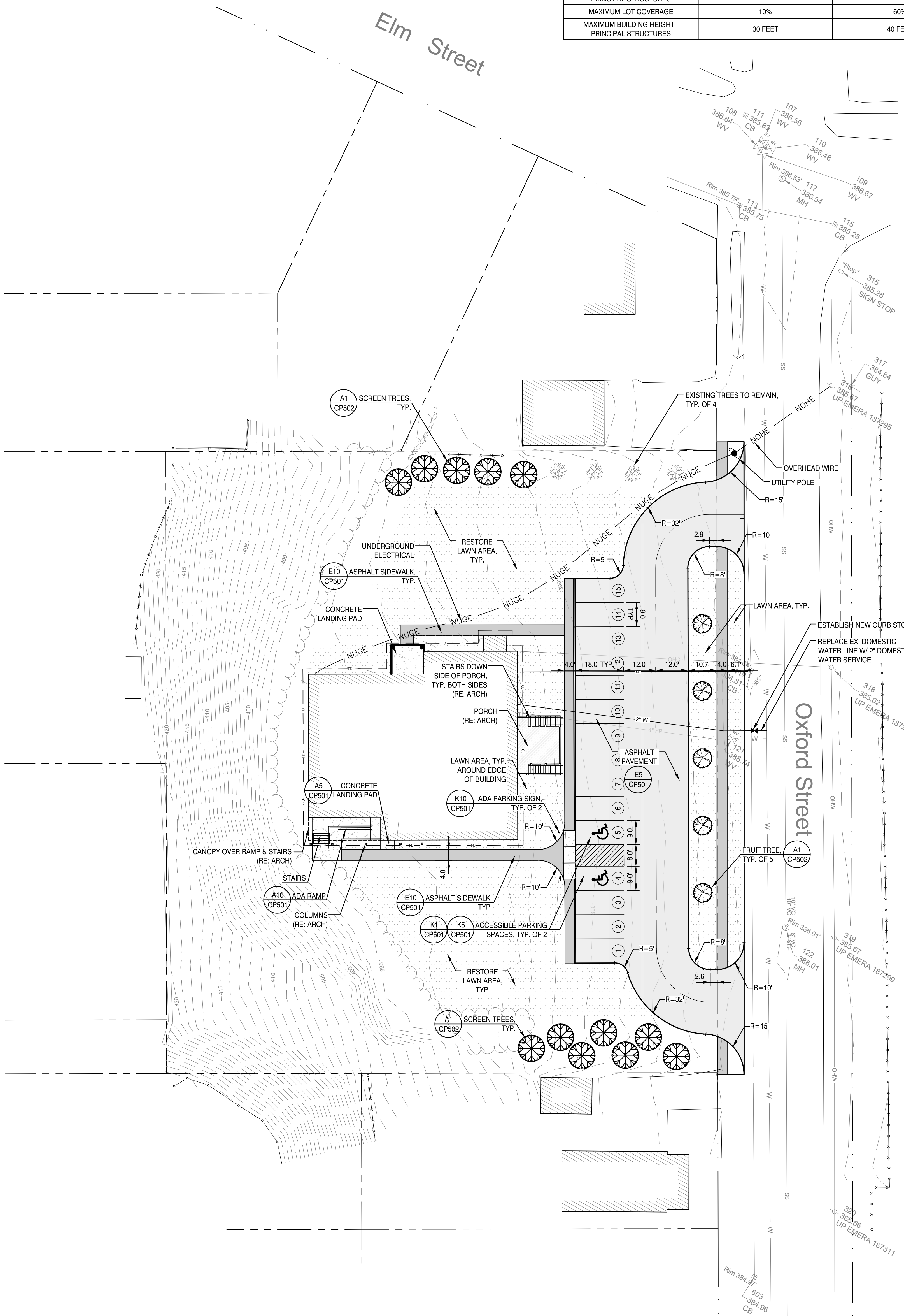
SCALE: AS NOTED

APPROVED BY:	RSC	PROJECT NO:	23039
DESIGNED BY:	RSC		
CHECKED BY:	ACL		
DRAWN BY:	ACL		
SMRT FILE:	GI103-23039	SHEET No.	GI103

ZONING REQUIREMENTS			
DOWNTOWN RESIDENTIAL DISTRICT (RD)			
CRITERIA	EXISTING	REQUIRED	PROVIDED
USE	SERVICE CLUBS	ALLOWED	BOARDING CARE FACILITIES-ALLOWED
MINIMUM LOT SIZE	47,422 SQ. FT. (MEASURED)	5,000 SQ. FT.	47,422 SQ. FT. (SAME)
MINIMUM ROAD FRONTAGE	200 FEET	50 FEET	200 FEET
MINIMUM FRONT YARD SETBACK FROM RIGHT OF WAY	75 FEET	10 FEET	68 FEET
MINIMUM SIDE SETBACK	68 FEET	5 FEET	68 FEET
MINIMUM REAR SET BACK - PRINCIPAL STRUCTURES	53 FEET	20 FEET	53 FEET
MAXIMUM LOT COVERAGE	10%	60%	10%
MAXIMUM BUILDING HEIGHT - PRINCIPAL STRUCTURES	30 FEET	40 FEET	30 FEET

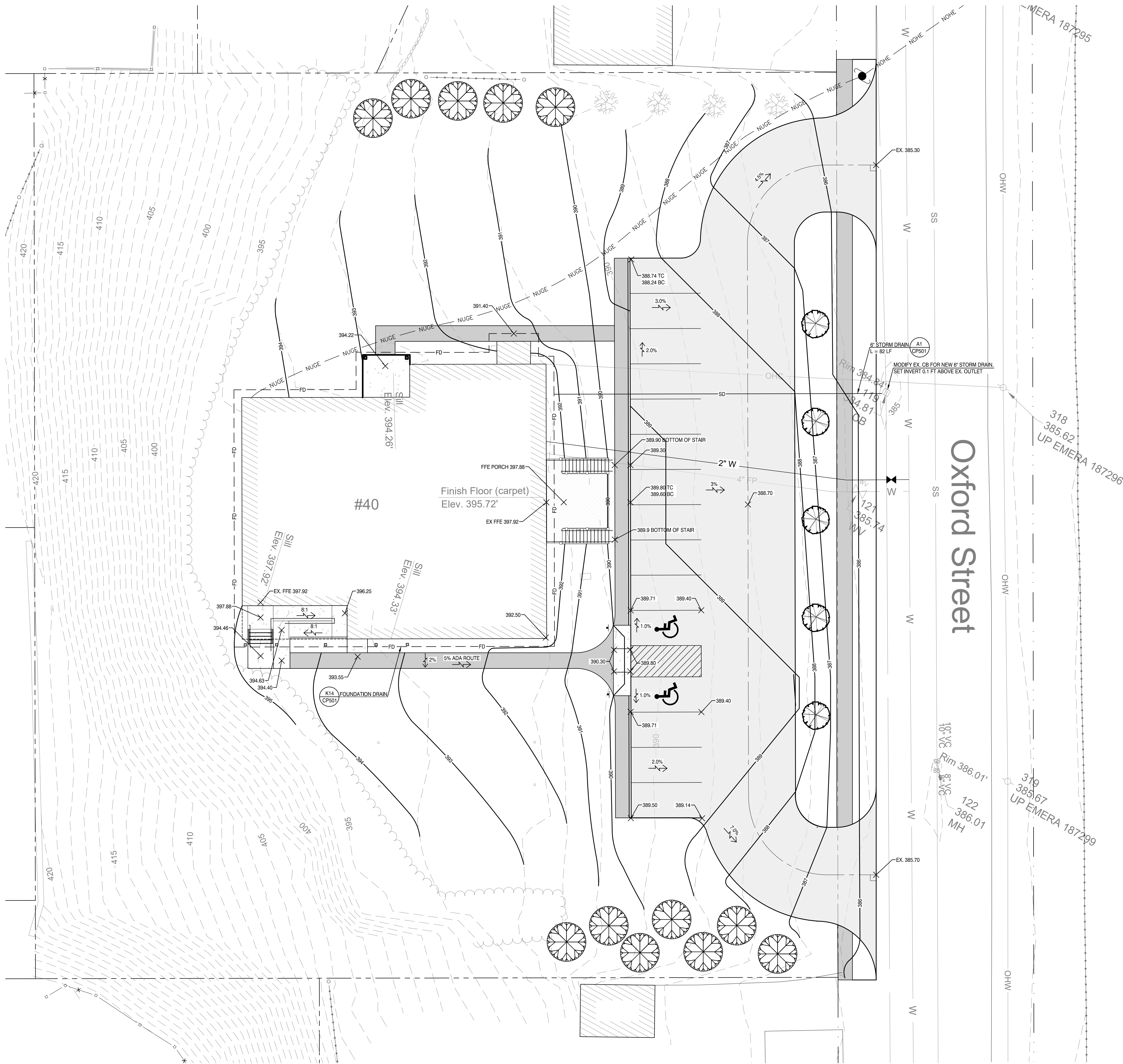


EXISTING CONDITIONS & DEMOLITION PLAN (A10)



SITE LAYOUT AND UTILITY PLAN (A1)

0		ISSUE FOR CONSTRUCTION	07-14-23
REV	DESCRIPTION	DATE	
CURRENT ISSUE STATUS:			
TRUE NORTH:			
SMRT SMRT Architects and Engineers 75 Washington Avenue, Suite 3A Portland, Maine 04101 1.877.700.7678 www.smrtinc.com			
WABANAKI PUBLIC HEALTH WABANAKI WELLNESS RECOVERY HOME; FAMILY & FRIENDS CENTER			
40 OXFORD STREET, MILLINOCKET, MAINE 04462			
SITE AND UTILITY PLANS			
SHEET TITLE:			
SCALE: 1"=20'-0"			
PROJECT MANAGER: JTA		PROJECT NO: 23039.00	
A/E OF RECORD: JTA			
JOB CAPTAIN:			
DRAWN BY: MAF			
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		CP101	



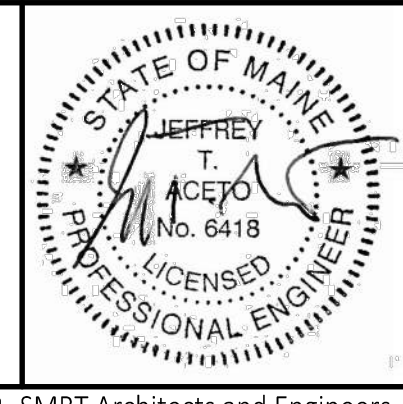
SITE GRADING & DRAINAGE PLAN

A1

REV	DESCRIPTION	DATE
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HOME; FAMILY & FRIENDS CENTER**

40 OXFORD STREET, MILLINOCKET, MAINE 04462

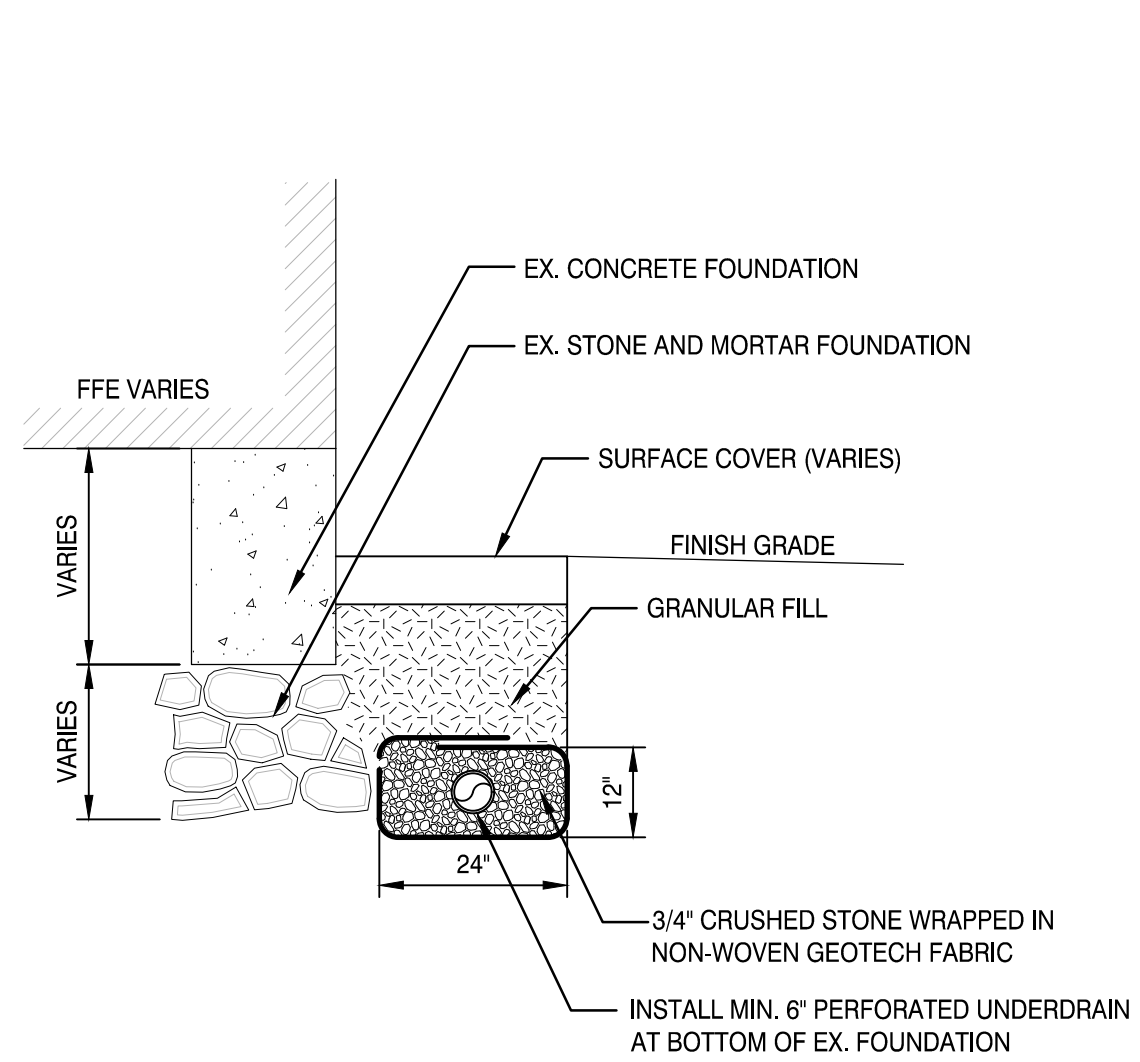
SITE GRADING & DRAINAGE PLAN

SHEET TITLE:

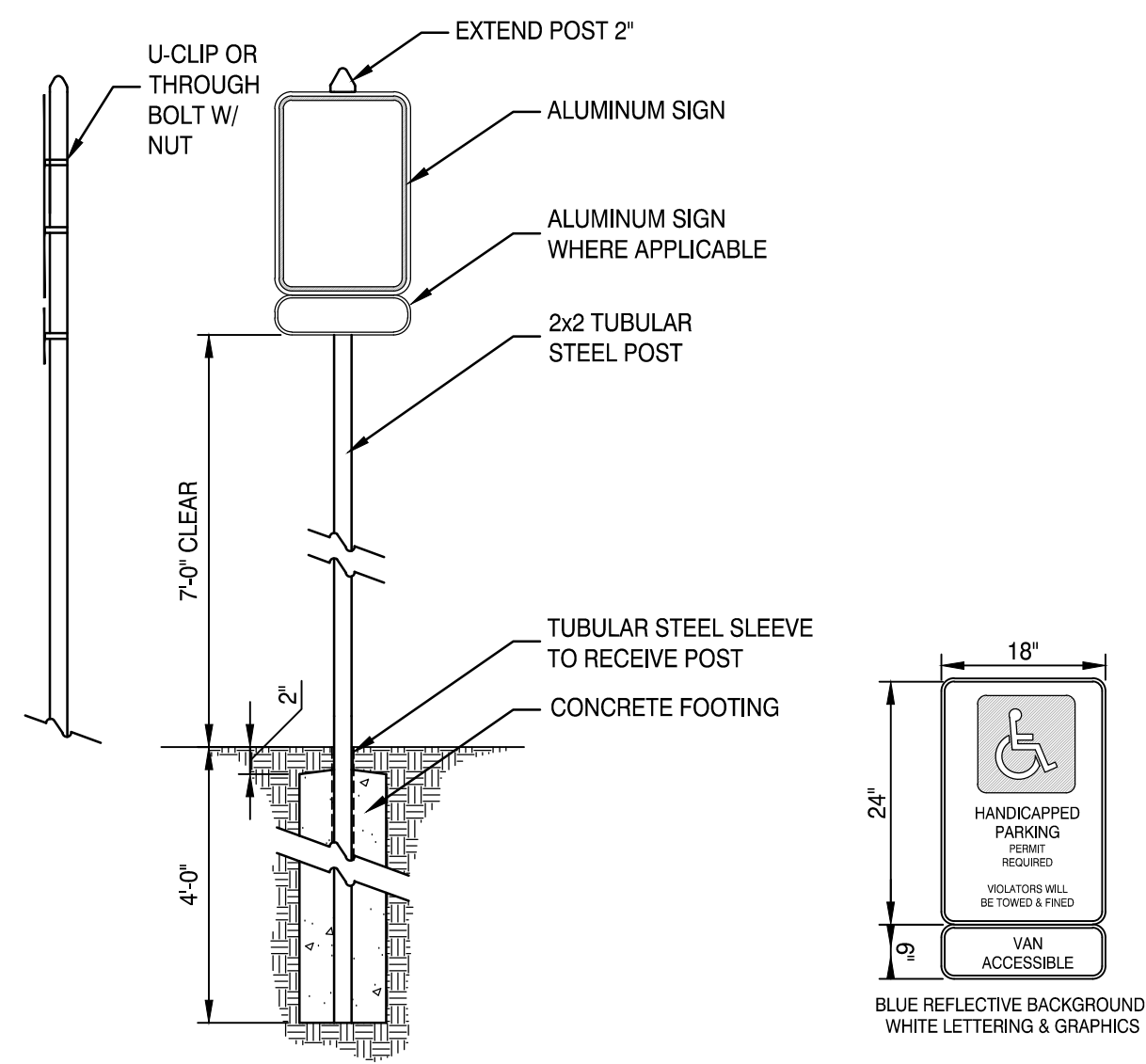
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PROJECT MANAGER: JTA PROJECT NO: 23039.00
A/E OF RECORD: JTA
JOB CAPTAIN: MAF
DRAWN BY: MAF
SMART FILE: CG101-23039.dwg SHEET No. ©Copyright 2023 SMRT Inc.

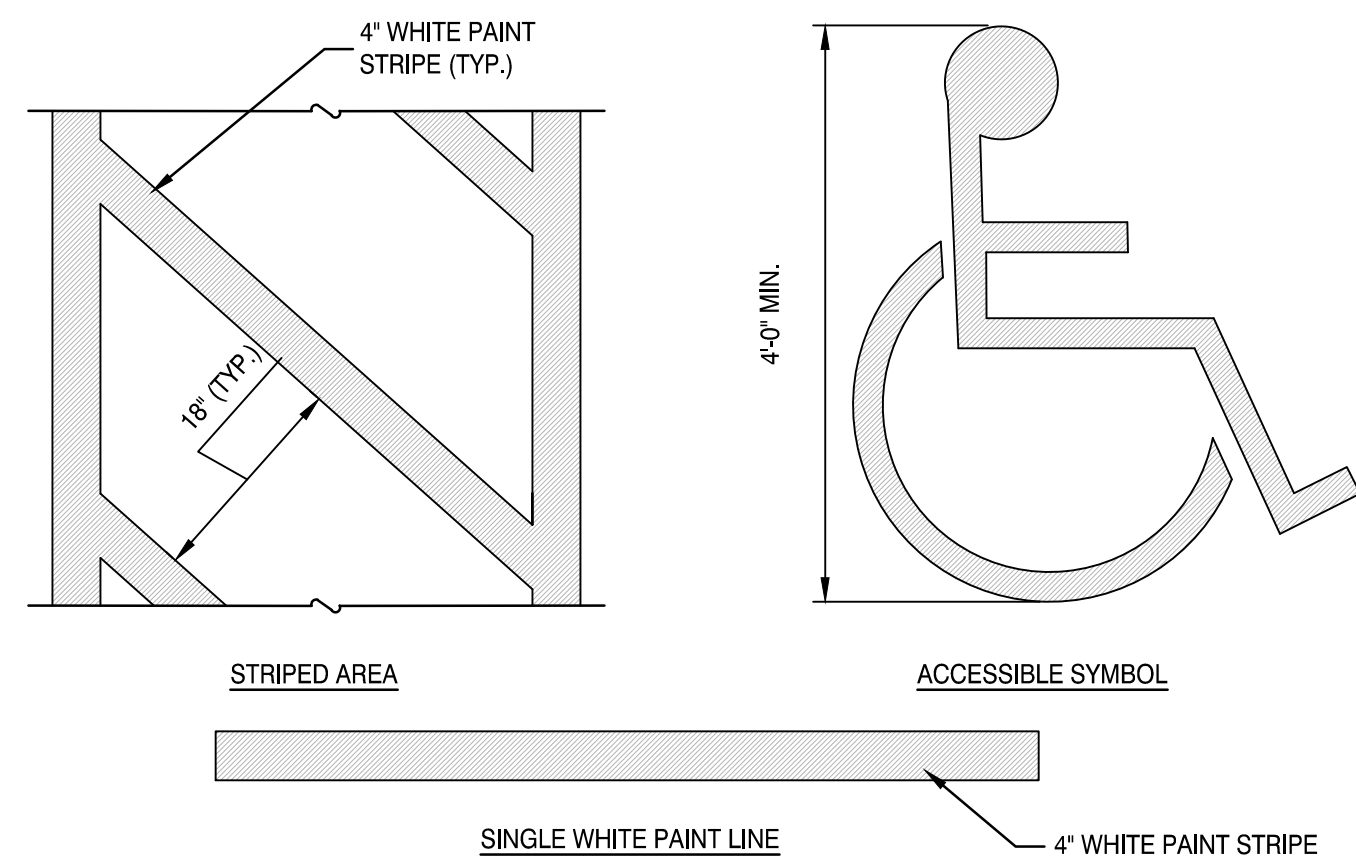
CG101



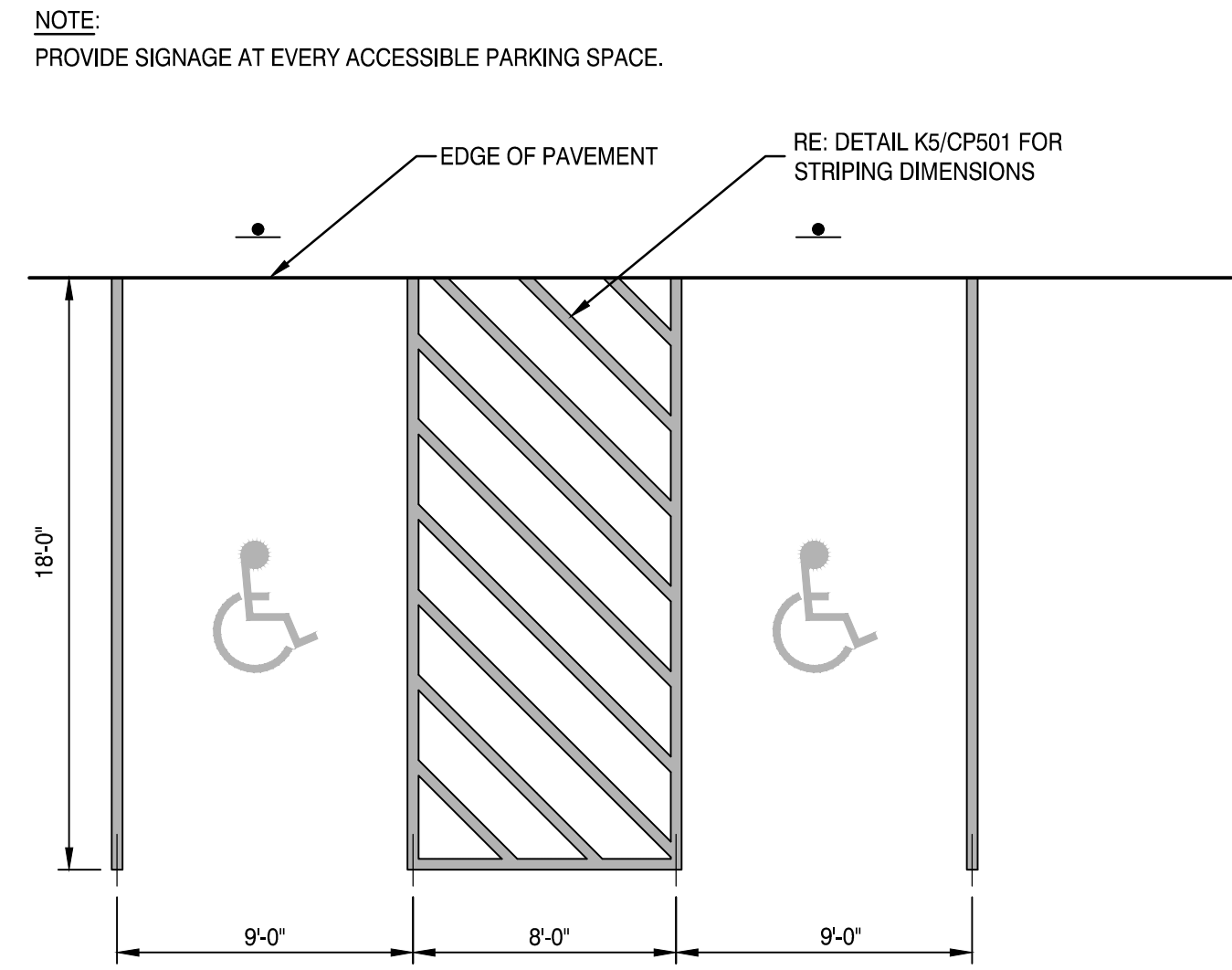
FOUNDATION DRAIN (K14)
NOT TO SCALE



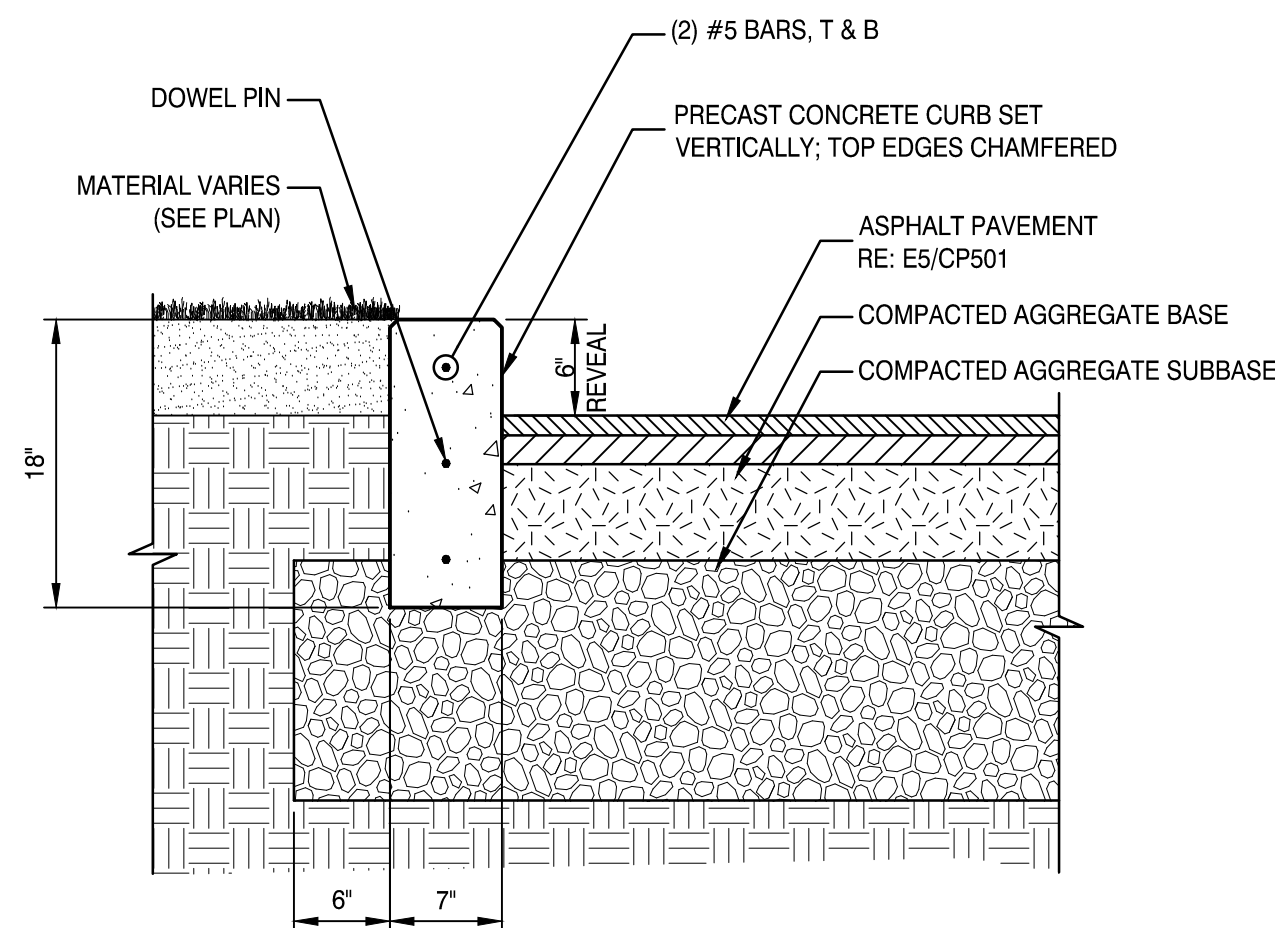
ADA SIGNAGE (K10)
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PAVEMENT / PARKING MARKINGS (K5)
NOT TO SCALE

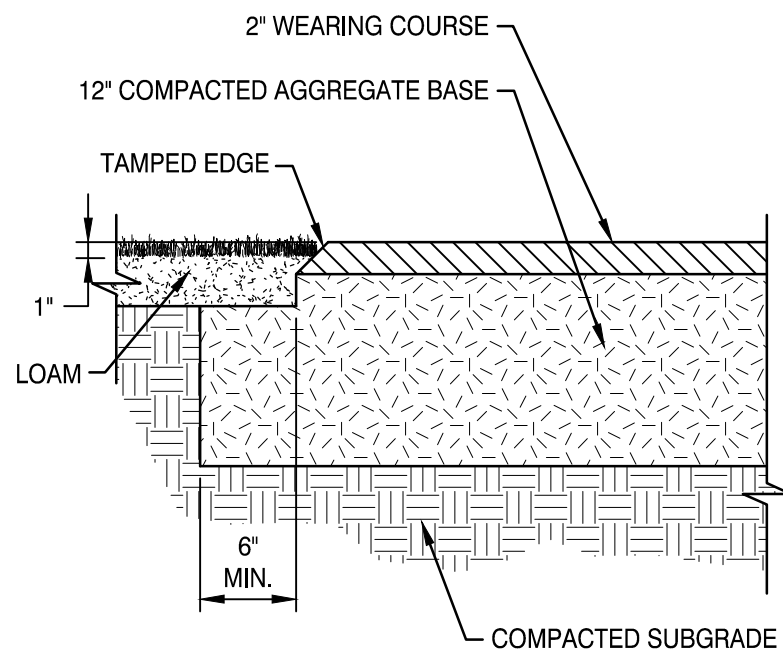


ADA ACCESSIBLE PARKING LAYOUT (K1)
NOT TO SCALE

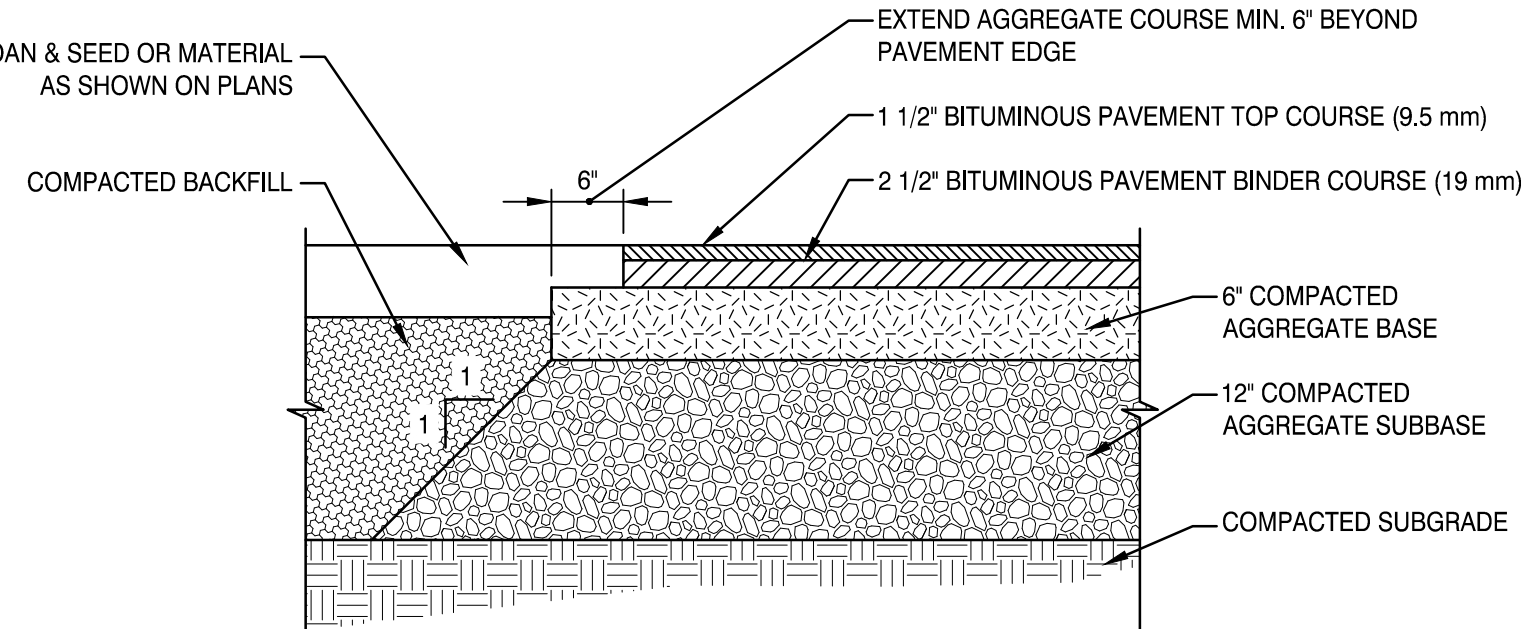


- NOTES:
1. PRECAST SECTIONS SHALL BE 6'-0" MAXIMUM LENGTH.
 2. PROVIDE TIPDOWN END SECTIONS AT ALL CURB ENDS.

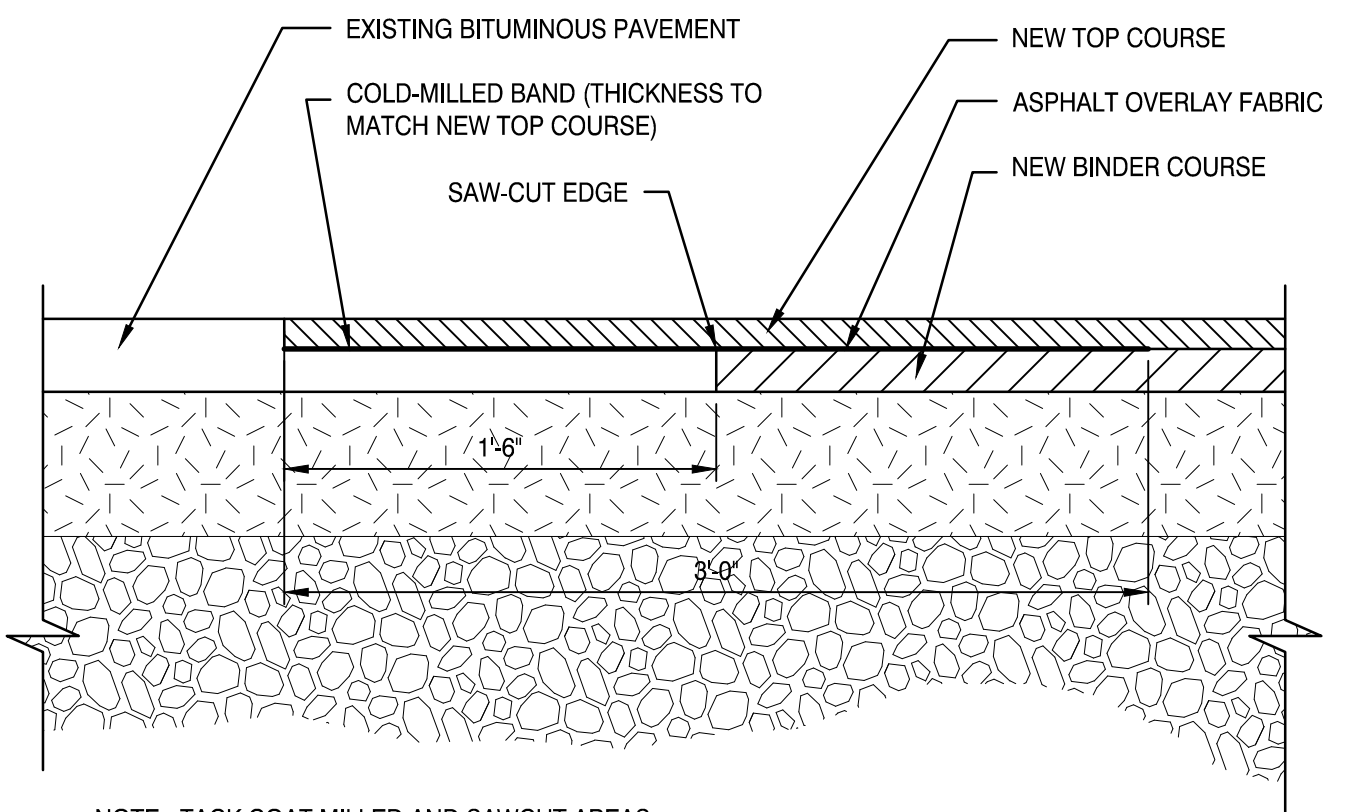
CONCRETE CURB (E14)
NOT TO SCALE



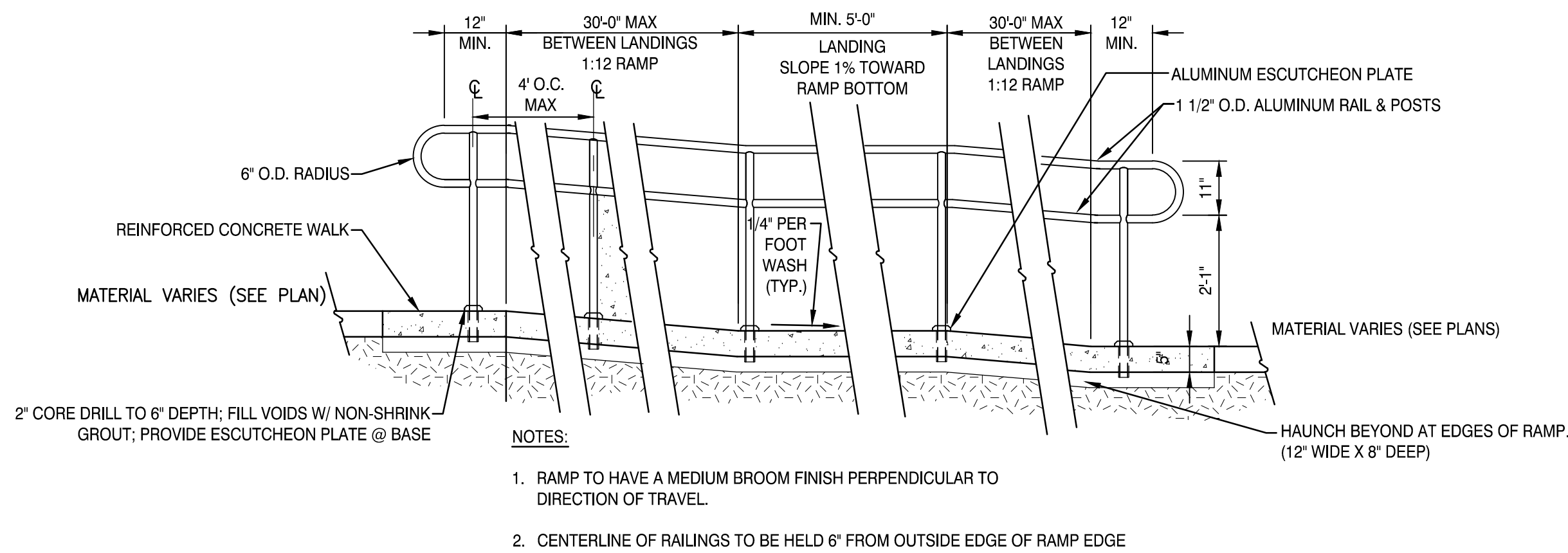
ASPHALT SIDEWALK (E10)
NOT TO SCALE



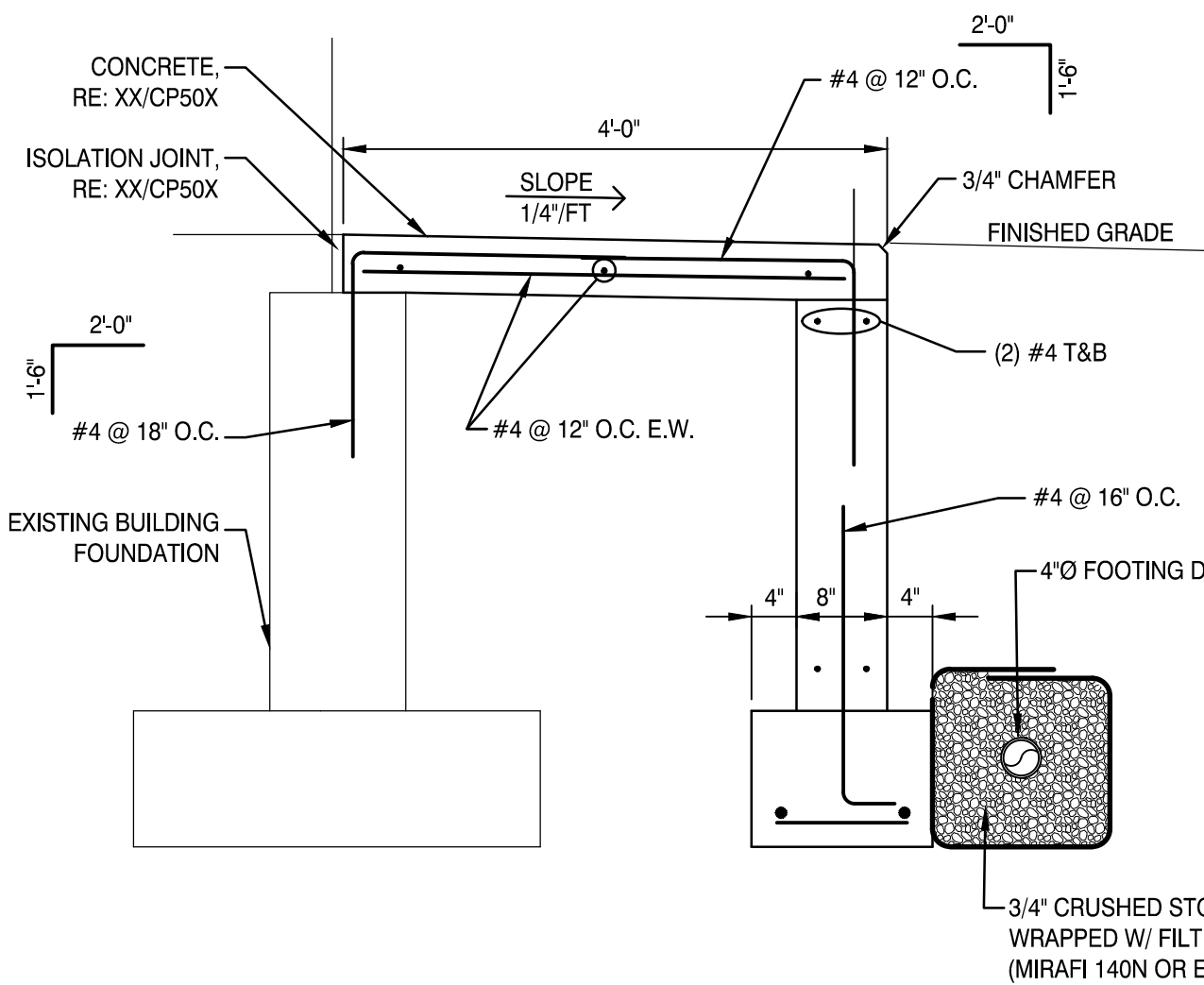
ASPHALT PAVEMENT (E5)
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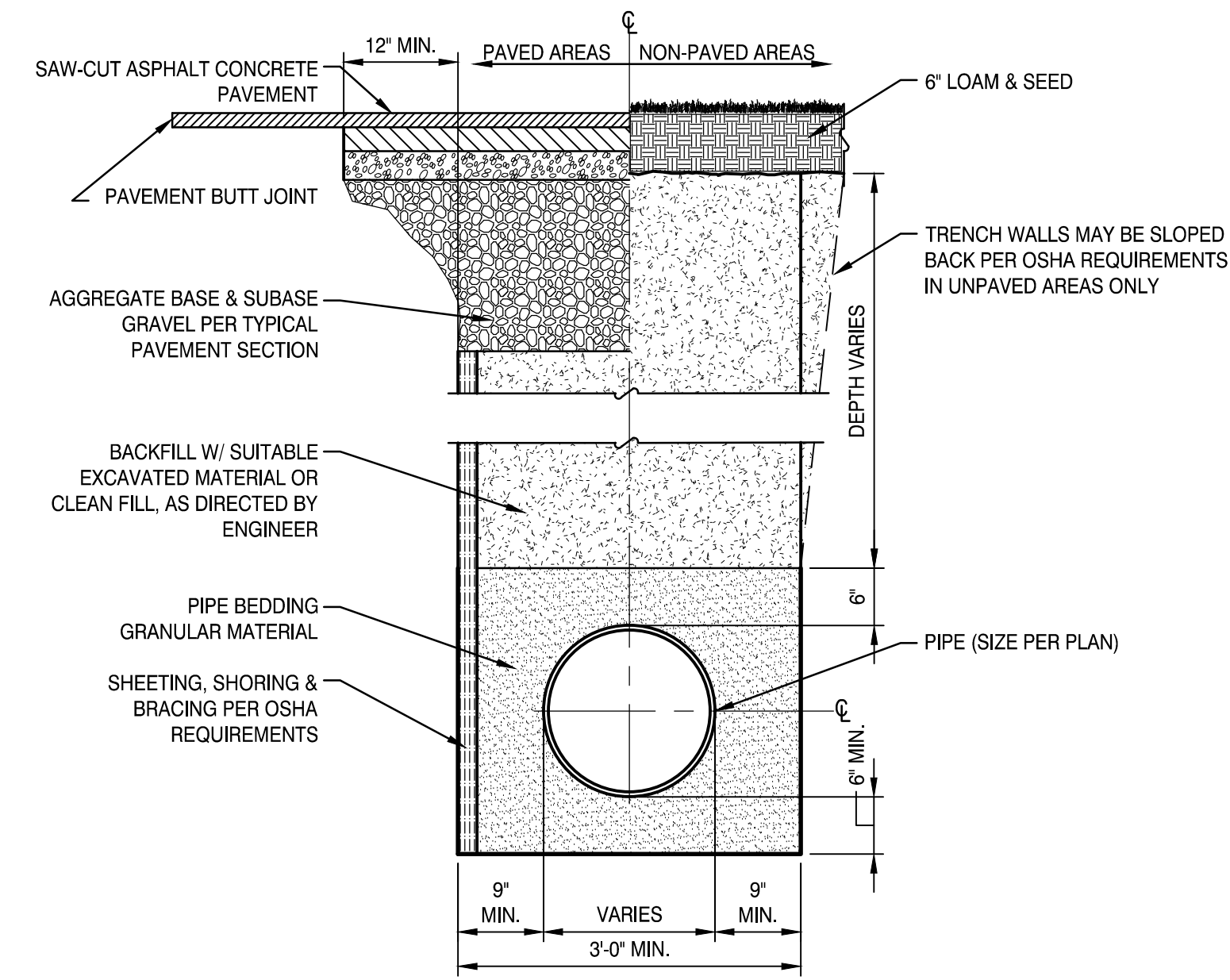
ASPHALT PAVEMENT BUTT JOINT (E1)
NOT TO SCALE



ADA RAMP (A10)
NOT TO SCALE



CONCRETE LANDING PAD (A5)
NOT TO SCALE

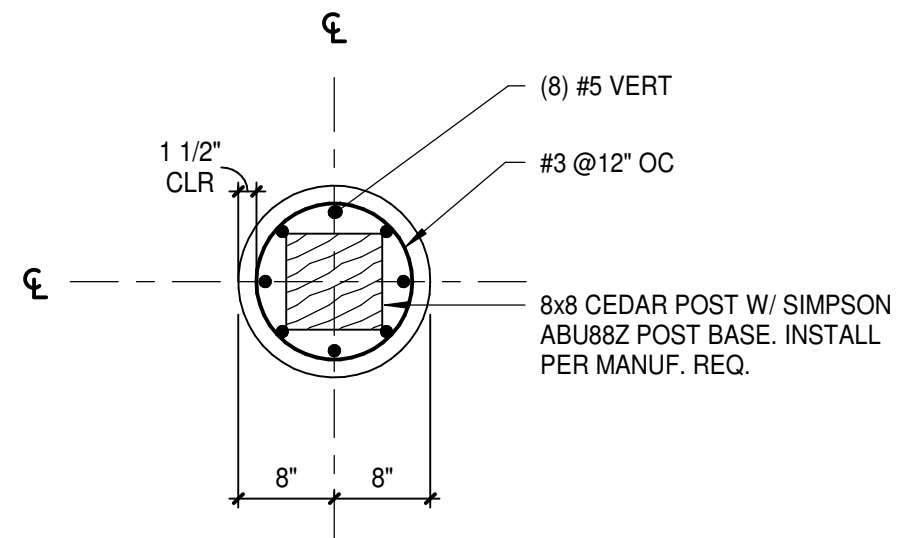


UTILITY TRENCH (A1)
NOT TO SCALE

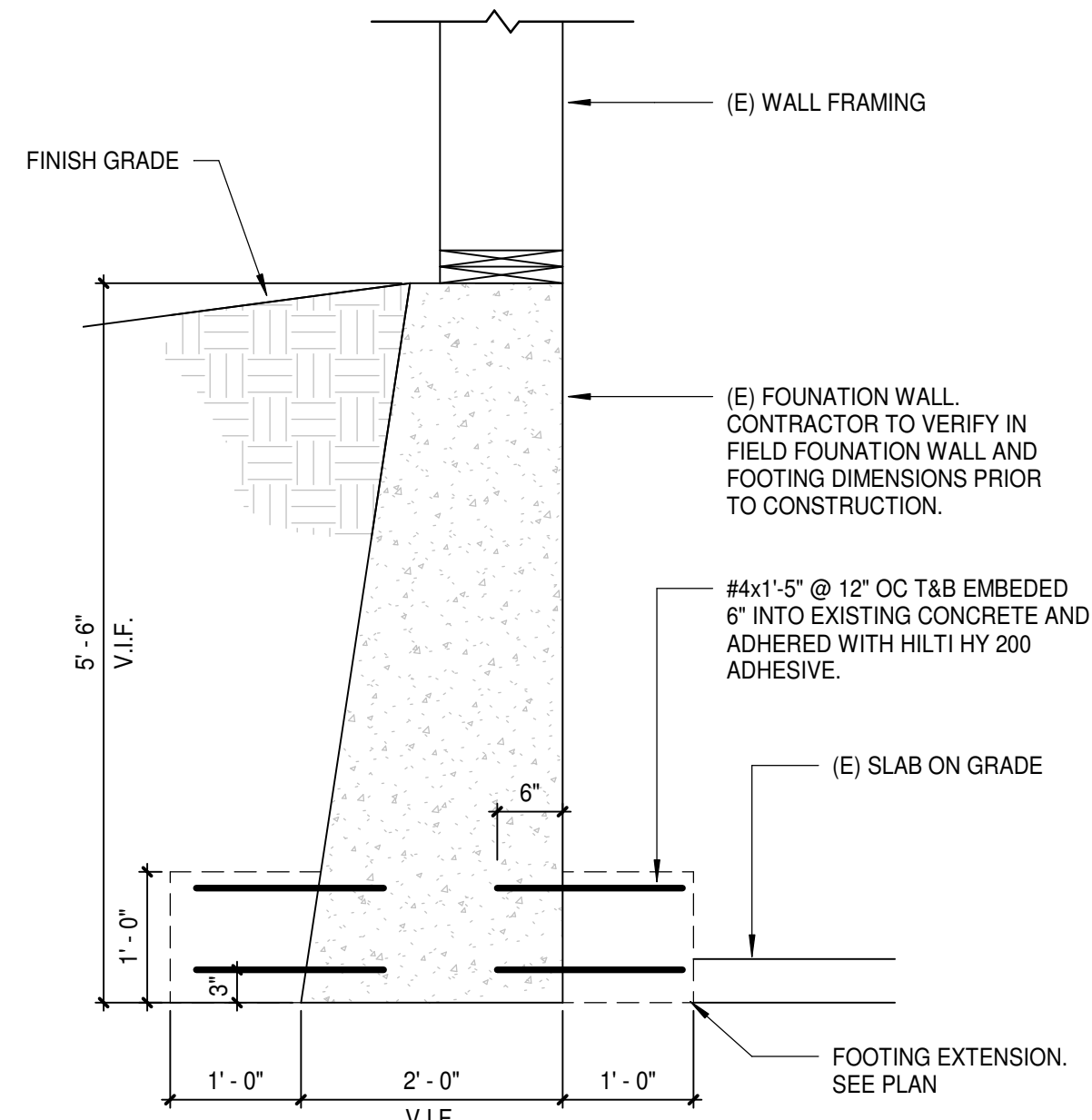
0	ISSUE FOR CONSTRUCTION	07-14-23
REV	DESCRIPTION	DATE
ISSUE FOR CONSTRUCTION		
07-14-23		
CURRENT ISSUE STATUS:		
SMRT SMRT Architects and Engineers 75 Washington Avenue, Suite 3A Portland, Maine 04101 1.877.700.7678 www.smrtinc.com		
WABANAKI PUBLIC HEALTH WABANAKI WELLNESS RECOVERY HOME; FAMILY & FRIENDS CENTER		
40 OXFORD STREET, MILLINOCKET, MAINE 04462		
SITE DETAILS		
SHEET TITLE:		
SCALE: AS NOTED		
PROJECT MANAGER:	JTA	PROJECT NO: 23039.00
A/E OF RECORD:	JTA	
JOB CAPTAIN:	-	
DRAWN BY:	MAF	
SMRT FILE:	CP501-23039.dwg	SHEET No. CP501

	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
	GENERAL NOTES:																		
P	1.	STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, SITE AND SHOP DRAWINGS. GENERAL CONTRACTOR SHALL COORDINATE LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES, INSERTS, REGLETS, SLEEVES, DEPRESSIONS, ETC.																	
	2.	ALL DIMENSIONS AND COORDINATES SHALL BE FIELD VERIFIED. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.																	
N	3.	THE STRUCTURE IS DESIGNED TO BE STABLE AND SELF SUPPORTING AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS, OR TIEDOWNS, ETC. SUPPORT OF EQUIPMENT USED IN THE CONSTRUCTION PROCESS AND STOCKPILING OF MATERIAL ON THE STRUCTURE DURING CONSTRUCTION IS TO BE EVALUATED BY THE CONTRACTOR. MATERIALS USED TO AID CONSTRUCTION PHASE ACTIVITIES THAT ARE NOT NOTED AS PART OF THE FINAL PROJECT ASSEMBLY SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.																	
	4.	SECTIONS AND DETAILS SHOWN ON ANY STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS.																	
	5.	THE CONTRACTOR SHALL PERFORM ALL WORK IN CONFORMANCE WITH ALL APPLICABLE FEDERAL, STATE AND MUNICIPAL REGULATIONS.																	
	6.	WHERE DELEGATED DESIGN IS INDICATED, DESIGN SHALL INCLUDE ALL COMPONENTS REQUIRED FOR A COMPLETE SYSTEM UNLESS NOTED OTHERWISE.																	
M	7.	REFERENCE ELEVATION 100'-0" ON STRUCTURAL DRAWINGS IS EQUAL TO 395.72' ON CIVIL DRAWINGS OR FINISH FLOOR ELEVATION.																	
	DESIGN NOTES																		
	1.	THIS BUILDING IS DESIGNED TO COMPLY WITH THE MAINE UNIFORM BUILDING CODE WHICH REFERENCES THE 2015 EDITION OF THE INTERNATIONAL BUILDING CODE AND ASCE7-10 'MINIMUM DESIGN LOADS FOR BUILDINGS & OTHER STRUCTURES.																	
	2.	FLOOR LIVE LOADS ARE AS FOLLOWS: A. CORRIDORS = 100 PSF B. ALL OTHER ROOMS = 100 PSF																	
L	3.	DEAD LOADS: DESIGN INCLUDES THE SELF WEIGHT OF STRUCTURAL COMPONENTS PLUS 5 PSF ALLOWANCE FOR MISCELLANEOUS DUCTWORK, SPRINKLER PIPING AND OTHER HUNG ITEMS.																	
	4.	SNOW LOAD: A. GROUND SNOW LOAD $P_g = 100$ PSF B. FLAT ROOF SNOW LOAD $P_f = 7$ PSF C. SNOW LOAD IMPORTANCE FACTOR $I_s = 1.0$ D. SNOW EXPOSURE FACTOR $C_e = 1.0$ E. SNOW THERMAL FACTOR $C_t = 1.1$ F. SNOW DRIFTING IN ACCORDANCE WITH ASCE7																	
K	5.	WIND LOAD: A. BASIC WIND SPEED = 115 MPH B. RISK CATEGORY II C. WIND EXPOSURE = EXPOSURE B D. WIND INTERNAL PRESSURE COEFFICIENT $GCP_i = -0.18$ E. DESIGN WIND LOADS: 1. COMPONENTS AND CLADDING IN WALL CONSTRUCTION (ASSUMING EFFECTIVE WIND AREA > 20 SQUARE FEET) a. WITHIN 7 FEET FROM CORNERS = 230 PSF b. AT ALL OTHER WALL SURFACES = 24 PSF 2. COMPONENTS AND CLADDING IN ROOF CONSTRUCTION (ASSUMING EFFECTIVE WIND AREA > 20 SQUARE FEET) a. WITHIN X FEET FROM CORNERS = 53 PSF b. ALL ROOF SURFACES = 35 PSF 3. MAIN WIND FORCE RESISTING SYSTEM $F_{max} = 222$ PSF																	
J	6.	EARTHQUAKE LOAD: A. SEISMIC IMPORTANCE FACTOR, $I_e = 1.0$ B. MAPPED SPECTRAL RESPONSE ACCELERATION, $S_s = 0.20$ g C. MAPPED SPECTRAL RESPONSE ACCELERATION, $S_1 = 0.08$ g D. SITE CLASS = CLASS D (ASSUMED) E. SPECTRAL RESPONSE COEFFICIENT, $R_{SD} = 0.213$ F. SPECTRAL RESPONSE COEFFICIENT, $R_{SI} = 0.128$ G. SEISMIC DESIGN CATEGORY = CATEGORY B H. BASIC SEISMIC FORCE-RESISTING SYSTEM: LIGHT FRAME WOOD WALLS SHEATHE WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE I. RESPONSE MODIFICATION FACTOR, $R = 6.12$ J. SEISMIC RESPONSE COEFFICIENT, $C_s = 0.33$ K. ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE PROCEDURE																	
H	EARTHWORK NOTES																		
	1.	ALL FOUNDATIONS AND SLABS SHALL BEAR ON UNDISTURBED NATIVE SOIL OR COMPACTED STRUCTURAL FILL.																	
	2.	WHERE THE SURFACE OF ACCEPTABLE BEARING OF EXISTING SOILS IS BELOW THE SPECIFIED BOTTOM OF CONCRETE ELEVATION, FILL TO THE SPECIFIED ELEVATION WITH COMPACTED STRUCTURAL FILL.																	
G	3.	WHERE FILL MATERIALS ARE PLACED BENEATH FOUNDATIONS, PLACE COMPACTED STRUCTURAL FILL WITHIN A ZONE OF INFLUENCE BOUNDED BY A ONE-TO-ONE SLOPE ORIGINATING AT 1'-0" FROM FACE OF FOUNDATION, EXTENDED TO THE ACCEPTABLE BEARING SUBSTRATE.																	
	4.	BENEATH INTERIOR FLOOR SLABS ON GRADE PROVIDE THE FOLLOWING MATERIALS: A. VAPOR RETARDER: SEE SPECIFICATIONS B. 12" MIN. OF STRUCTURAL FILL, COMPACTED TO 95% OF ITS MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557. C. IF A RADON PIT IS SPECIFIED, PLACE 8" MIN. OF STRUCTURAL FILL WITH A 4" MIN LAYER OF CRUSHED STONE ALL COMPACTED TO 95% OF ITS MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557.																	
	5.	BACKFILL FOUNDATIONS WITH COMPACTED STRUCTURAL FILL.																	
	6.	SPECIFIED FILL MATERIAL SHALL COMPLY WITH THE FOLLOWING GRADATIONS:																	
F	7.	COMPACT FILL MATERIALS IN ACCORDANCE WITH ASTM D-1554 AND THE GEOTECHNICAL REPORT GUIDELINES FOR THE FOLLOWING PERCENTAGES OF THE MAXIMUM DRY DENSITY: A. BUILDING INTERIOR = 95% B. BUILDING EXTERIOR BENEATH EXTERIOR SLABS AND WALLS WITHIN 24" OF PAVEMENT OR CONCRETE SUB-GRADE = 95% C. BENEATH FOOTINGS WITH THE ZONE OF INFLUENCE DESCRIBED IN NOTE 3 = 95% D. BUILDING EXTERIOR AT ALL OTHER LOCATIONS = 95%																	
	FOUNDATION NOTES:																		
E	1.	FOUNDATION DESIGN IS BASED ON THE PRESUMPTIVE LOAD BEARING VALUES TABLE 1806.2 IN IBC 2015 FOR CLAY, SANDY CLAY, SILTY CLAY.																	
	2.	FOUNDATIONS ARE DESIGNED TO BEAR ON SOILS WITH AN ALLOWABLE BEARING PRESSURE OF 1500 PSF.																	
	3.	REMOVE ALL TOPSOIL, ORGANICS, PREVIOUS FILL MATERIAL, DEBRIS AND OTHER UNSUITABLE MATERIAL FROM WITHIN THE BUILDING FOOTPRINT AND 5 FEET BEYOND TO A MINIMUM DEPTH OF 12". EXCAVATE TO GREATER DEPTH WHERE REQUIRED TO REMOVE UNSUITABLE MATERIAL. EXTENSIVE REMOVALS ARE ANTICIPATED WITHIN THE PROJECT FOOTPRINT.																	
	4.	WHERE OVEREXCAVATION IS REQUIRED BENEATH FOOTINGS, EXTEND THE LIMITS AT LEAST 2'-0" BEYOND THE VERTICAL SURFACES AND PROJECTING AT A 1.5H:1V SLOPE AWAY FROM THE VERTICAL FOOTING SURFACES. BACKFILL TO THE SPECIFIED BOTTOM OF FOOTING ELEVATION WITH STRUCTURAL FILL, COMPACTED TO 95% OF THE MINIMUM DRY DENSITY PER ASTM D1557, MODIFIED PROCTOR.																	
D	5.	FOOTING SUBGRADES SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION OF FORMWORK.																	
	6.	ALL FILL MATERIAL SHALL BE NON-FROST SUSCEPTIBLE.																	
	7.	DEWATER EXCAVATIONS TO AT LEAST 1' BELOW BOTTOM OF FOOTING ELEVATION.																	
	8.	THE CONTRACTOR SHALL LIMIT THE EXPOSURE OF NATIVE SOILS TO WATER, FREEZING TEMPERATURES, VEHICLE, AND EXCESSIVE FOOT TRAFFIC AT FOOTING BEARINGS AND BENEATH FLOOR SLABS. PROVIDE TEMPORARY PROTECTION AS REQUIRED TO RETAIN THE INTEGRITY OF NATIVE SOILS.																	
C	9.	PROVIDE A MINIMUM OF 6'-0" OF FROST PROTECTION BETWEEN THE BOTTOM OF EXTERIOR FOOTINGS AND ADJACENT FINISH GRADE WHEN BEARING ON GRANULAR MATERIAL OR PROVIDE A MINIMUM OF 2'-0" OF FROST PROTECTION WHEN BEARING DIRECTLY ON BEDROCK.																	
	10.	BACKFILL WITHIN 2'-0" OF FOUNDATION WALLS SHALL BE PLACED IN HORIZONTAL LIFTS WITH A MAXIMUM LOOSE THICKNESS OF 8 INCHES. THE MINIMUM COMPACTION PER ASTM D1557, MODIFIED PROCTOR SHALL BE 95% OF THE MAXIMUM DRY DENSITY. WHERE COMPACTION IS PROVIDED BY THE USE OF HAND GUIDED EQUIPMENT, REDUCE THE MAXIMUM PARTICLE SIZE TO 3 INCHES AND LIMIT LIFT THICKNESS TO 8 INCHES.																	
	11.	ALL FILL MATERIAL PLACED BELOW SLAB SUBGRADE WITHIN THE FOOTPRINT OF THE BUILDING SHALL BE STRUCTURAL FILL, COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER ASTM D1557, MODIFIED PROCTOR. PROVIDE A MINIMUM THICKNESS OF 12" OF COMPACTED STRUCTURAL FILL DIRECTLY BENEATH THE FLOOR SLAB.																	
	12.	INSTALL A VAPOR RETARDER BENEATH ALL INTERIOR SLABS-ON-GRADE. SEAL THE VAPOR RETARDER AROUND ALL PENETRATIONS, AT LAPPED SPICES, AND TERMINATIONS AGAINST FOUNDATION WALLS IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.																	
B	13.	WHERE EXCAVATIONS FOR NEW FOUNDATIONS ARE ADJACENT TO EXISTING FOUNDATIONS, CONTRACTOR SHALL PROTECT EXISTING SOILS AND FOUNDATIONS AS REQUIRED TO MAINTAIN STABILITY. WHERE SHEET PILING OR OTHER DRIVEN DEVICES ARE USED, CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE CAUSED TO THE EXISTING FACILITY.																	
	14.	SEE CIVIL DRAWINGS FOR LOCATION OF FOUNDATION DRAINS AND DRAINAGE STRUCTURES.																	
A																			
	CONCRETE NOTES:																		
	1.	ALL CONCRETE WORK SHALL CONFORM TO ACI 318-08 AND 301-05. CEMENT SHALL COMPLY WITH ASTM C150 TYPE II; AGGREGATES (NORMAL WEIGHT) SHALL COMPLY WITH ASTM C33.																	
	2.	CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 4000 PSI UNLESS OTHERWISE NOTED; SUBMIT DESIGN MIX FOR REVIEW AND APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD. INCLUDE MATERIAL CERTIFICATES FOR CEMENTITIOUS MATERIALS, ADMIXTURES AND AGGREGATES. EACH ADMIXTURE, AGGREGATE AND CEMENTITIOUS PRODUCT SHALL BE SOURCED FROM A SINGLE DISTRIBUTOR AND MANUFACTURER.																	
	3.	ALL CONCRETE EXPOSED TO FREEZING SHALL HAVE A 6% AIR CONTENT ($\pm 1\%$). ALL THE OTHER CONCRETE SHALL BE NON-AIR ENTRAINMENT, WITH 3.0% MAXIMUM AIR CONTENT.																	
	4.	CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND. WHEN AVERAGE OF HIGH AND LOW TEMPERATURE IS EXPECTED TO FALL BELOW 40° (F) FOR THREE DAYS PROVIDE BLANKETS OR OTHER MEANS OF PROTECTION FOR CURING CONCRETE IN CONFORMANCE WITH ACI 301. DO NOT USE FROZEN MATERIALS OR MATERIALS CONTAINING ICE OR SNOW.																	
	5.	CONSOLIDATE CONCRETE WITH MECHANICALLY VIBRATING EQUIPMENT IN ACCORDANCE WITH ACI 301; CONTRACTOR IS TO HAVE TWO (2) OPERATIONAL VIBRATORS AT THE WORK SITE TO SAFEGUARD AGAINST MECHANICAL FAILURE DURING PLACEMENT.																	
	6.	REINFORCING BARS SHALL CONFORM TO ASTM A-615 GRADE 60 DEFORMED BARS AND SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH ACI 315 LATEST EDITION. REINFORCING SHALL BE INSPECTED PRIOR TO PLACEMENT OF CONCRETE.																	
	7.	REINFORCEMENT SHALL HAVE THE FOLLOWING COVER: A. CAST AGAINST EARTH: 3" B. EXPOSED TO EARTH AND/OR WEATHER: 1. #6 TO #18: 2" 2. #5 AND SMALLER: 1 1/2"																	
	8.	SPICES OF REINFORCING BARS SHALL BE IN ACCORDANCE WITH ACI 318, UNLESS OTHERWISE NOTED ON DRAWINGS.																	
	9.	FORMWORK SHALL BE PLACED PLUMB AND SQUARE IN CONFORMANCE WITH ACI 117 TOLERANCES AND WITH AS FEW JOINTS AS PRACTICABLE. FORMS MAY BE SMOOTH OR ROUGH-FACED; PROVIDE BAR SUPPORTS AS REQUIRED TO ACHIEVE CLEARANCES REQUIRED. USE FORM RELEASE AGENTS AND FULLY STRIP ALL FORMWORK PRIOR TO BACKFILLING FOUNDATIONS.																	
	10.	CONCRETE SHALL BE TESTED BY THE CONTRACTOR'S AGENT. TESTING SHALL BE PERFORMED IN ACCORDANCE WITH ASTM C172. COPIES OF TEST REPORT SHALL BE SENT TO THE OWNER AND THE PROJECT STRUCTURAL ENGINEER.																	
	11.	CORRECT ALL DEFICIENCIES IN THE WORK THAT TEST REPORTS OR INSPECTIONS INDICATE DO NOT COMPLY WITH THE CONSTRUCTION DOCUMENTS.																	
	12.	EMBEDDED ITEM INSTALLATION: PLACE AND SECURE ANCHORAGE DEVICES AND OTHER EMBEDDED ITEMS REQUIRED FOR ADJOINING WORK THAT IS ATTACHED TO OR SUPPORTED BY CAST-IN-PLACE CONCRETE. USE SETTING DRAWINGS, TEMPLATES, DIAGRAMS, INSTRUCTIONS, AND DIRECTIONS FURNISHED WITH ITEMS TO BE EMBEDDED. INSTALL ANCHOR RODS, ACCURATELY LOCATED, TO ELEVATIONS REQUIRED AND COMPLYING WITH TOLERANCES IN SECTION 7.5 OF AISC 303.																	
	13.	WATERSTOP INSTALLATION: FLEXIBLE WATERSTOPS: INSTALL IN CONSTRUCTION JOINTS AND AT OTHER JOINTS INDICATED TO FORM A CONTINUOUS DIAPHRAGM. INSTALL IN LONGEST LENGTHS PRACTICABLE. SUPPORT AND PROTECT EXPOSED WATERSTOPS DURING PROGRESS OF THE WORK. FIELD FABRICATE JOINT IN WATERSTOPS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.																	
	14.	CONCRETE PLACEMENT: BEFORE PLACING CONCRETE, VERIFY THAT INSTALLATION OF FORMWORK, REINFORCEMENT, AND EMBEDDED ITEMS IS COMPLETE AND THAT REQUIRED INSPECTIONS ARE COMPLETED. DO NOT ADD WATER TO CONCRETE DURING DELIVERY. AT PROJECT SITE, OR DURING PLACEMENT UNLESS APPROVED BY ENGINEER OF RECORD, IF APPROVED, WATER ADDED AT PROJECT SITE MUST BE DONE BEFORE TEST SAMPLING AND PLACING CONCRETE AND SUBJECT TO LIMITATIONS OF ACI 301. DO NOT ADD WATER TO CONCRETE AFTER ADDING HIGH-RANGE WATER-REDUCING ADMIXTURES TO MIXTURE. DEPOSIT CONCRETE CONTINUOUSLY IN ONE LAYER OR IN HORIZONTAL LAYERS OF SUCH THICKNESS THAT NO NEW CONCRETE IS PLACED ON CONCRETE THAT HAS HARDENED ENOUGH TO CAUSE SEAMS OR PLANES OF WEAKNESS. IF A SECTION CANNOT BE PLACED CONTINUOUSLY, PROVIDE CONSTRUCTION JOINTS AS INDICATED. DEPOSIT CONCRETE TO AVOID SEGREGATION.																	
	15.	ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 GR. 36 UNLESS OTHERWISE NOTED ON DRAWINGS.																	
	16.	COMPLETE SHOP DRAWINGS OF ALL REINFORCING STEEL SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO COMMENCEMENT OF THAT PORTION OF THE WORK.																	
	CONCRETE SLAB-ON-GRADE NOTES:																		
	1.	BASE MATERIAL UNDER THE SLAB SHALL BE AS NOTED IN THE EARTHWORK NOTES. THE TOP SURFACE OF THE BASE SHALL BE LEVEL TO WITHIN 3/8" OF DESIGN GRADE.																	
	2.	CONCRETE SHALL HAVE A MAXIMUM AGGREGATE SIZE OF 1" WITH 90 TO 100 % PASSING A 1" SIEVE. SLABS SHALL BE REINFORCED PER THE DRAWINGS. REINFORCEMENT SHALL BE SUPPORTED WITH CHAIRS PLACED ON A MAXIMUM SPACING OF 3 FT. IN BOTH PLATE DIRECTIONS. REFER TO NOTES ON FOUNDATION PLANS FOR ADDITIONAL SLAB-ON-GRADE REQUIREMENTS.																	
	3.	ALL CONCRETE FLOOR SURFACES SHALL BE STEEL TROWELLED. FLOORS SHALL BE WET-CURED FOR A MINIMUM OF 7 DAYS. FOR THE FIRST 3 DAYS, THE TEMPERATURE OF APPLIED CURING WATER SHALL BE WITHIN 10 TO 15 DEGREES OF THE SLAB TEMPERATURE. SLAB SHALL BE COVERED WITH NON-WOVEN GEOTEXTILE FABRIC AND POLYETHYLENE SHEET.																	
	4.	AFTER 7 DAYS OF CURING, THE FLOOR SHALL BE CLEANED OF ALL DIRT, OIL, AND OTHER FOREIGN MATTER. FLOORS THAT RECEIVE A SEALER SHALL BE SEALED AT THIS TIME.																	
	5.	CONTINUE 90 PERCENT OF SLAB REINFORCEMENT THROUGH CONSTRUCTION AND/OR CONTROL JOINTS. AT INDUSTRIAL OR TRAFFIC JOINTS WILL BE INSTALLED WITH SMOOTH LOAD-TRANSFERRING DOWELS, AND SLAB BAR REINFORCEMENT SHALL NOT EXTEND THROUGH JOINT.																	
	6.	ISOLATION JOINTS SHALL HAVE 3/8" PREFORMED, CLOSED-CELL FOAM JOINT MATERIAL. THE TOP 1/2" OF THE JOINT SHALL BE FILLED WITH POLYURETHANE SEALANT.																	
	7.	NON-SLIP SURFACE: APPLY A BROOM FINISH TO EXTERIOR CONCRETE WALKING SURFACES, AND ELSEWHERE AS INDICATED. COORDINATE REQUIRED FINAL FINISH WITH OWNER BEFORE APPLICATION. BROOM FINISH: IMMEDIATELY AFTER FLOAT FINISHING, SLIGHTLY ROUGHEN TRAFFICKED SURFACE BY BROOMING WITH FIBER-BRISTLE BROOM PERPENDICULAR TO MAIN TRAFFIC ROUTE.																	
	WOOD FRAMING NOTES:																		
	1.	COMPLY WITH AF&PA WCD 1, 'DETAILS FOR CONVENTIONAL WOOD FRAME CONSTRUCTION,' UNLESS OTHERWISE INDICATED																	
	2.	INDIVIDUAL TIMBER FRAMING MEMBERS SHALL BE VISUALLY GRADED, MINIMUM GRADE NO.2 SPRUCE-PINE-FIR, U.N.O. MAXIMUM MOISTURE CONTENT SHALL BE 19% FOR MEMBERS W/ NOMINAL THICKNESS 2" OR LESS & 18% FOR THICKER MEMBERS. FACTORY MARK EACH PIECE OF LUMBER WITH GRADE STAMP OF GRADING AGENCY. FOR EXPOSED LUMBER INDICATED TO RECEIVE A STAINED OR NATURAL FINISH, MARK GRADE STAMP ON END OR BACK OF EACH PIECE OR OMIT GRADE STAMP AND PROVIDE CERTIFICATES OF GRADE COMPLIANCE ISSUED BY GRADING AGENCY.																	
	3.	EXPOSED FRAMING INDICATED TO RECEIVE A STAINED OR NATURAL FINISH: HAND-SELECT MATERIAL FOR UNIFORMITY OF APPEARANCE AND FREEDOM FROM CHARACTERISTICS, ON EXPOSED SURFACES AND EDGES THAT WOULD IMPAIR FINISH APPEARANCE, INCLUDING DECAY, HONEYCOMB, KNOT-HOLES, SHAKE, SPLITS, TORN GRAIN, AND WANE.																	
	4.	PRESSURE TREATED TIMBER (AWPA U1; USE CATEGORY UC2) SHALL BE USED FOR THE FOLLOWING ITEMS: A. WOOD CANTS, NAILERS, CURBS, EQUIPMENT SUPPORT BASES, BLOCKING, STRIPPING, AND SIMILAR MEMBERS IN CONNECTION WITH ROOFING, FLASHING, VAPOR BARRIERS, AND WATERPROOFING. B. WOOD FRAMING AND FURRINS ATTACHED DIRECTLY TO THE INTERIOR OF BELOW-GRADE EXTERIOR MASONRY OR CONCRETE WALLS. C. WOOD FRAMING MEMBERS THAT ARE LESS THAN 18 INCHES (460 MM) ABOVE THE GROUND IN CRAWLSPACES OR UNEXCAVATED AREAS. D. WOOD FLOOR PLATES THAT ARE INSTALLED OVER CONCRETE SLABS-ON-GRADE.																	
	5.	PRESSURE TREATED TIMBER SHALL BE SOUTHERN PINE #2. PRESERVATIVE CHEMICALS SHALL CONTAIN NO ARSENIC OR CHROMIUM. KILN-DRY LUMBER AFTER TREATMENT TO A MAXIMUM MOISTURE CONTENT OF 19%. DO NOT USE MATERIAL THAT IS WARPED OR THAT DOES NOT COMPLY WITH REQUIREMENTS OF UNTREATED MATERIAL. MARK LUMBER WITH TREATMENT QUALITY MARK OR AN INSPECTION AGENCY APPROVED BY THE ALSO BOARD OF REVIEW. FOR EXPOSED LUMBER INDICATED TO RECEIVE A STAINED OR NATURAL FINISH, MARK END OR BACK OF EACH PIECE OR OMIT MARKING AND PROVIDE CERTIFICATES OF TREATMENT COMPLIANCE ISSUED BY INSPECTION AGENCY. FOR EXPOSED ITEMS INDICATED TO RECEIVE A STAINED OR NATURAL FINISH, CHEMICAL FORMULATIONS SHALL NOT REQUIRE INCISING, CONTAIN COLORANTS, BLEED THROUGH, OR OTHERWISE ADVERSELY AFFECT FINISHES.																	
	6.	ENGINEERED LUMBER BEAMS SHALL BE "VERSALAM" BY BOISE CASCADE, IN THE SIZE SHOWN ON THE DRAWINGS. UNITS BUILT UP WITH MULTIPLE PLIES SHALL BE INTERCONNECTED ACCORDING TO MANUFACTURER'S REQUIREMENTS.																	
	7.	LAMINATED-VENEER LUMBER: STRUCTURAL COMPOSITE LUMBER MADE FROM WOOD VENEERS WITH GRAIN PRIMARILY PARALLEL TO MEMBER LENGTHS. EVALUATED AND MONITORED ACCORDING TO ASTM D 5456 AND MANUFACTURED WITH AN EXTERIOR-TYPE ADHESIVE COMPLYING WITH ASTM D 2559.																	
	8.	FOR BLOCKING NOT USED FOR ATTACHMENT OF OTHER CONSTRUCTION, UTILITY, STUD, OR NO. 3 GRADE LUMBER WITH ANY SPECIES MAY BE USED PROVIDED THAT IT IS CUT AND SELECTED TO ELIMINATE DEFECTS THAT WILL INTERFERE WITH ITS ATTACHMENT AND PURPOSE.																	
	9.	FOR BLOCKING AND NAILERS USED FOR ATTACHMENT OF OTHER CONSTRUCTION, SELECT AND CUT LUMBER TO ELIMINATE KNOTS AND OTHER DEFECTS THAT WILL INTERFERE WITH ATTACHMENT OF OTHER WORK.																	
	10.	FOR FURRING STRIPS FOR INSTALLING PLYWOOD OR HARDBOARD PANELING, SELECT BOARDS WITH NO KNOTS CAPABLE OF PRODUCING BENT-OVER NAILS AND DAMAGE TO PANELING.																	
	11.	THE QUANTITY AND SIZE OF FASTENERS CONNECTING WOOD FRAME MEMBERS SHALL BE NOT LESS THAN SPECIFIED IN IBC 2009 TABLE 2304.9.1 FASTENING SCHEDULE. ALL NAILS SHALL BE COMMON NYP NAILS, U.N.O.																	
	12.	FASTENERS SHALL BE HOT DIPPED GALVANIZED WHERE EXPOSED TO WEATHER, IN GROUND CONTACT, IN CONTACT WITH TREATED WOOD, OR IN AN AREA WITH RELATIVELY HIGH HUMIDITY.																	
	13.	HOLES FOR BOLTS SHALL BE DRILLED TO A DIAMETER THAT IS 1/16" LARGER THAN THE NOMINAL DIAMETER OF THE BOLT. HOLES FOR THE UNTHREADED PORTION OF LAG SCREWS SHALL BE DRILLED TO A DIAMETER THAT IS THE SAME AS THE NOMINAL DIAMETER OF THE LAG SCREW SHANK. A PILOT HOLE FOR THE THREADED PORTION OF THE LAG SCREW SHALL BE DRILLED AND SHALL HAVE A DIAMETER THAT IS HALF THE NOMINAL DIAMETER OF THE LAG SCREW SHANK.																	
	14.	ALL MISCELLANEOUS METAL HARDWARE (HANGERS, TIES, ETC.) SHALL BE AS MANUFACTURED BY SIMPSON STRONG TIE OR APPROVED EQUAL.																	
	15.	PRE-MANUFACTURED MATERIALS, INCLUDING ANCHOR BOLTS AND SIMPSON HANGERS, SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS.																	
	16.	ALL TOP PLATE SPICES SHALL BE OVER A STUD OR HEADER, WITH A 4'-0" OVERLAP EACH WAY WITH SECOND TOP PLATE.																	
	17.	ATTACH ALL BOTTOM PLATES TO MUD SILL PLATES W/ MIN. OF (6) 12D NAILS PER 16" OF PLATE.																	
	SHEATHING NOTES:																		
	1.	ROOF SHEATHING SHALL BE 3/4" APA RATED SHEATHING, PANEL SPAN RATING 24/16, EXPOSURE 1, NAILED WITH MINIMUM OF 10D NAILS AT 4" O.C. AT BLDG PERIMETER (EDGE OF ROOF AT OVERHANGS), AT 6" O.C. AT OTHER SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. A 1/8" GAP IS REQUIRED BETWEEN ROOF PANELS AT ALL END JOINTS.																	
	2.	END JOINTS FOR ROOF SHEATHING SHALL BE STAGGERED. LONG DIMENSION OF UNJOINT SHEATHING PANELS SHALL BE PERPENDICULAR TO SUPPORTS.																	
	3.	WALL SHEATHING SHALL BE 1/2" APA RATED SHEATHING, STRUCTURAL 1, EXTERIOR 32/16 RATED. INSTALL PANELS W/ LONG DIMENSION PERPENDICULAR TO SUPPORTS & END JOINTS STAGGERED. FASTEN TO SUPPORTS WITH PER SHEAR WALL SCHEDULE																	
	4.	DO NOT USE MATERIALS WITH DEFECTS THAT IMPAIR QUALITY OF SHEATHING OR PIECES THAT ARE TOO SMALL TO USE WITH MINIMUM NUMBER OF JOINTS OR OPTIMUM JOINT ARRANGEMENT. ARRANGE JOINTS SO THAT PIECES DO NOT SPAN BETWEEN FEWER THAN THREE SUPPORT MEMBERS.																	
	5.	CUT PANELS AT PENETRATIONS, EDGES, AND OTHER OBSTRUCTIONS OF WORK; FIT TIGHTLY AGAINST ABUTTING CONSTRUCTION UNLESS OTHERWISE INDICATED.																	
	6.	SECURELY ATTACH TO SUBSTRATE BY FASTENING AS INDICATED, COMPLYING WITH THE FOLLOWING: A. TABLE 2304.9.1, "FASTENING SCHEDULE," IN THE ICC'S INTERNATIONAL BUILDING CODE. B. TABLE R602.3(1), "FASTENER SCHEDULE FOR STRUCTURAL MEMBERS," AND TABLE R602.3(2), "ALTERNATE ATTACHMENTS," IN THE ICC'S INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS. C. ICC-ES EVALUATION REPORT FOR FASTENER.																	
	7.	USE COMMON WIRE NAILS UNLESS OTHERWISE INDICATED. SELECT FASTENERS OF SIZE THAT WILL NOT FULLY PENETRATE MEMBERS WHERE OPPOSITE SIDE WILL BE EXPOSED TO VIEW OR WILL RECEIVE FINISH MATERIALS. MAKE TIGHT CONNECTIONS. INSTALL FASTENERS WITHOUT SPLITTING WOOD.																	
	8.	COORDINATE WALL PARAPET AND ROOF SHEATHING INSTALLATION WITH FLASHING AND JOINT-SEALANT INSTALLATION SO THESE MATERIALS ARE INSTALLED IN SEQUENCE AND MANNER THAT PREVENT EXTERIOR MOISTURE FROM PASSING THROUGH COMPLETED ASSEMBLY.																	
	9.	DO NOT BRIDGE BUILDING EXPANSION JOINTS; CUT AND SPACE EDGES OF PANELS TO MATCH SPACING OF STRUCTURAL SUPPORT ELEMENTS.																	
	10.	COORDINATE SHEATHING INSTALLATION WITH INSTALLATION OF MATERIALS INSTALLED OVER SHEATHING SO SHEATHING IS NOT EXPOSED TO PRECIPITATION OR LEFT EXPOSED AT END OF THE WORKDAY WHEN RAIN IS FORECAST.																	
	11.	ABAA QUALITY ASSURANCE PROGRAM: PERFORM EXAMINATIONS, PREPARATION, INSTALLATION, TESTING, AND INSPECTIONS UNDER ABAA'S QUALITY ASSURANCE PROGRAM.																	
	REINFORCED MASONRY NOTES:																		
	1.	DELIVERY, STORAGE AND HANDLING: A. STORE MASONRY UNITS ON ELEVATED PLATFORMS IN A DRY LOCATION. IF UNITS ARE NOT STORED IN AN ENCLOSED LOCATION, COVER TOPS AND SIDES OF STACKS WITH WATERPROOF SHEETING, SECURELY TIED. IF UNITS BECOME WET, DO NOT INSTALL UNTIL THEY ARE DRY. B. STORE CEMENTITIOUS MATERIALS ON ELEVATED PLATFORMS, UNDER COVER, AND IN A DRY LOCATION. DO NOT USE CEMENTITIOUS MATERIALS THAT HAVE BECOME DAMP. C. STORE AGGREGATES WHERE GRADING AND OTHER REQUIRED CHARACTERISTICS CAN BE MAINTAINED AND CONTAMINATION AVOIDED. D. DELIVER PREBLENDED, DRY MORTAR MIX IN MOISTURE-RESISTANT CONTAINERS. STORE PREBLENDED, DRY MORTAR MIX IN DELIVERY CONTAINERS ON ELEVATED PLATFORMS IN A DRY LOCATION OR IN COVERED WEATHERPROOF DISPENSING SLOS. E. STORE MASONRY ACCESSORIES, INCLUDING METAL ITEMS, TO PREVENT CORROSION AND ACCUMULATION OF DIRT AND OIL.																	
	2.	FIELD QUALITY CONTROL A. TESTING AND INSPECTING: OWNER WILL ENGAGE SPECIAL INSPECTORS TO PERFORM TESTS AND INSPECTIONS AND PREPARE REPORTS. ALLOW INSPECTORS ACCESS TO SCAFFOLDING AND WORK AREAS AS NEEDED TO PERFORM TESTS AND INSPECTIONS. RETESTING OF MATERIALS THAT FAIL TO COMPLY WITH SPECIFIED REQUIREMENTS SHALL BE DONE AT CONTRACTOR'S EXPENSE. B. INSPECTIONS: SPECIAL INSPECTIONS ACCORDING TO LEVEL B IN TMS 402/ACI 530/ASCE C. BEGIN MASONRY CONSTRUCTION ONLY AFTER INSPECTORS HAVE VERIFIED PROPORTIONS OF SITE-PREPARED MORTAR. 1. PLACED UNITS 1/2" AFTER INSPECTORS HAVE VERIFIED COMPLIANCE OF GROUT SPACES AND OF GRADES, SIZES, AND LOCATIONS OF REINFORCEMENT. 2. PLACE GROUT ONLY AFTER INSPECTORS HAVE VERIFIED PROPORTIONS OF SITE-PREPARED GROUT. D. TESTING PRIOR TO CONSTRUCTION: ONE SET OF TESTS E. TESTING FREQUENCY: ONE SET OF TESTS FOR EACH 5000 SQ. FT. OF WALL AREA OR PORTION THEREOF. F. CONCRETE MASONRY UNIT TEST: FOR EACH TYPE OF UNIT PROVIDED, ACCORDING TO ASTM C 140 FOR COMPRESSIVE STRENGTH. G. MORTAR AGGREGATE RATIO TEST (PROPORTION SPECIFICATION): FOR EACH MIX PROVIDED, ACCORDING TO ASTM C 780. H. MORTAR TEST (PROPERTY SPECIFICATION): FOR EACH MIX PROVIDED, ACCORDING TO ASTM C 780. TEST MORTAR FOR MORTAR AIR CONTENT AND COMPRESSIVE STRENGTH. I. GROUT TEST (COMPRESSIVE STRENGTH): FOR EACH MIX PROVIDED, ACCORDING TO ASTM C 1019. J. FRISCH TEST: FOR EACH TYPE OF CONSTRUCTION PROVIDED, ACCORDING TO ASTM C 1314 AT 7 DAYS AND AT 28 DAYS.																	
	3.	DURING CONSTRUCTION, COVER TOPS OF WALLS, PROJECTIONS, AND SILLS WITH WATERPROOF SHEETING AT END OF EACH DAY'S WORK. COVER PARTIALLY COMPLETED MASONRY WHEN CONSTRUCTION IS NOT IN PROGRESS. EXTEND COVER A MINIMUM OF 24" DOWN BOTH SIDES OF WALLS AND HOLD COVER SECURELY IN PLACE.																	
	4.	STAIN PREVENTION: PREVENT GROUT, MORTAR, AND SOIL FROM STAINING THE FACE OF MASONRY TO BE LEFT EXPOSED OR PAINTED. IMMEDIATELY REMOVE GROUT, MORTAR, AND SOIL THAT COME IN CONTACT WITH SUCH MASONRY. A. PROTECT BASE OF WALLS FROM SPLOSHED MUD AND FROM MORTAR SPATTER BY SPREADING COVERINGS ON GROUND AND OVER WALL SURFACE. B. PROTECT SILLS, LEDGES, AND PROJECTIONS FROM MORTAR DROPPINGS. C. PROTECT SURFACES OF WINDOW AND DOOR FRAMES, AS WELL AS SIMILAR PRODUCTS WITH PAINTED AND INTEGRAL FINISHES, FROM MORTAR DROPPINGS. D. TURN SCAFFOLD BOARDS NEAR THE WALL ON EDGE AT THE END OF EACH DAY TO PREVENT RAIN FROM SPASHING MORTAR AND DIRT ONTO COMPLETED MASONRY.																	
	5.	REFER TO SF501 FOR A WALL ELEVATION SHOWING TYPICAL REINFORCEMENT REQUIREMENTS. THESE REQUIREMENTS APPLY TO STRUCTURAL WALLS & NON-STRUCTURAL PARTITIONS. 6. GROUTING: A. GROUT LIFT HEIGHT SHALL NOT EXCEED 5 FEET. GROUT POUR HEIGHT SHALL NOT EXCEED 10 FEET. PROVIDE CLEANOUTS IN THE BOTTOM COURSE OF MASONRY FOR EACH GROUT POUR, WHEN GROUT POUR EXCEEDS 5 FEET. B. GROUTING SHALL BE STOPPED 1-1/2" BELOW THE TOP OF A COURSE TO FORM A KEY AT THE JOINT. C. GROUTING OF MASONRY JOINTS SHALL BE DONE IN ONE CONTINUOUS OPERATION. D. FILL CORES IN HOLLOW CMUs WITH GROUT 24" UNDER BEARING PLATES, BEAMS, LINTELS, POSTS, AND SIMILAR ITEMS UNLESS OTHERWISE INDICATED.																	
	7.	REINFORCING: A. ALL WALLS SHOWN ON STRUCTURAL FRAMING PLANS VERTICAL REINFORCING SIZE SHALL BE AS SPECIFIED ON THE DRAWINGS, AND SHALL BE PLACED AT EACH JAMB OF EACH WALL OPENING, AT EACH WALL END, AT EACH SIDE OF WALL CONTROL JOINT, AT EACH WALL INTERSECTION. B. SPLICED REINFORCING SHALL BE LAPPED AS SHOWN ON LAP SPlice SCHEDULE. C. VERTICAL REINFORCING BARS SHALL BE PLACED AT MINIMUM 4" LEADANCE OF 3/4" FROM MASONRY AND SHALL BE HELD IN POSITION TOP AND BOTTOM AND AT INTERVALS NOT EXCEEDING 4 FEET. WIRE ACCESSORIES FOR SUCH SUPPORT SHALL BE USED, E.G. REBAR POSITIONER RB-8/10 BY HOHNMANN & BARNARD OR SIMILAR. D. FOUNDATION DOWELS MAY BE SLOPED NO MORE THAN 1:6 TO ALIGN WITH WALL CAVITIES OR VERTICAL CMU CORES. E. POWER EMBEDMENT SHALL BE 48 BAR DIA. MIN. F. HORIZONTAL JOINT REINFORCING SHALL BE STANDARD LADDER TYPE U.N.O. AND SHALL BE INSTALLED AT 16" O.C. MAXIMUM. REINFORCEMENT SHALL BE CONTINUOUS, LAPPED NOT LESS THAN 12" AT ALL SPICES, INCLUDING CORNERS AND TEES.																	
	8.	INSTALL CONTROL AND EXPANSION JOINT MATERIALS IN UNIT MASONRY AS MASONRY PROGRESSES. DO NOT ALLOW MATERIALS TO SPAN CONTROL AND EXPANSION JOINTS WITHOUT PROVISION TO ALLOW FOR IN-PLACE WALL OR PARTITION MOVEMENT. A. PROVIDE CONTROL JOINTS IN CONCRETE MASONRY WALLS AS INDICATED OR, IF NOT INDICATED, AT A MAXIMUM SPACING OF 30' ON CENTER. B. FIT BOND-BREAKER STRIPS INTO HOLLOW CONTOUR IN ENDS OF CMUs ON ONE SIDE OF CONTROL JOINT. FILL RESULTANT CORE WITH GROUT, AND RAKE OUT JOINTS IN EXPOSED FACES FOR APPLICATION OF SEALANT. C. INSTALL PREFORMED CONTROL-JOINT GASKETS DESIGNED TO FIT STANDARD SASH BLOCK. D. INSTALL INTERLOCK JOINTS IN CONCRETE MASONRY WALLS. INSTALL BOND-BREAKER STRIPS AT JOINT. KEEP HEAD JOINTS FREE AND CLEAR OF MORTAR, OR RAKE OUT JOINT FOR APPLICATION OF SEALANT. E. INSTALL TEMPORARY FOAM-PLASTIC FILLER IN HEAD JOINTS, AND REMOVE FILLER WHEN UNIT MASONRY IS COMPLETE FOR APPLICATION OF SEALANT.																	
	9.	ALL INTERSECTING WALLS SHALL BE BONDED TOGETHER WITH OVERLAPPING CMU BLOCKS. IN LOCATIONS WHERE OVERLAPPING IS NOT FEASIBLE STEEL CONNECTION PLATES (PL 1/4" x 1'-1/2"Wx24" Lx 2" BENT ENDS @ 2" EACH END) SHALL BE INSTALLED AT 24" O.C. MAX.																	
	10.	ALL MASONRY WORK SHALL BE IN COMPLIANCE W/ ACI 530, ACI 530.1, TMS 402, AND ASCE 8																	
	11.	STEEL LINTELS: PROVIDE 8" MINIMUM BEARING AT EACH END. LOCATE VERTICAL JAMB REINFORCEMENT @ 12" FROM FACE OF OPENING. INSTALL (2) #4 HORIZONTAL LINTELS IN A LINTEL BLOCK ABOVE THE STEEL AND EXTEND 24" BEYOND THE OPENING U.N.O. PROVIDE LINTELS WITH PROPER FINISH, TEXTURE, AND DENSITY CLASSIFICATION, AND WITH REINFORCING BARS INDICATED. PROVIDE LINTELS WITH NET AREA COMPRESSIVE STRENGTH NOT LESS THAN THAT OF CMUs. MASONRY LINTELS: PREFABRICATED OR BUILT-IN-PLACE MASONRY LINTELS MADE FROM BOND BEAM CMUs MATCHING ADJACENT CMUs IN COLOR, TEXTURE AND FINISH. WITH REINFORCING BARS PLACED AS INDICATED AND FILLED WITH COARSE GROUT. CURE PRECAST LINTELS BEFORE HANDLING AND INSTALLING. TEMPORARILY SUPPORT BUILT-IN-PLACE LINTELS UNTIL CURED.																	
	12.	PROVIDE SHOP DRAWINGS W/ ELEVATIONS OF ALL REINFORCED MASONRY WALLS. INCLUDE DETAILS, BENT BAR DIAGRAMS AND LAYOUT DIMENSIONS AS REQUIRED FOR PROPER INSTALLATION OF MASONRY REINFORCEMENT.																	
	13.	LOCATE ALL VERTICAL REINFORCEMENT CENTERED IN THE WALL UNLESS OTHERWISE DETAILED.																	
	14.	WHERE VERTICAL MASONRY REINFORCEMENT IS OBSTRUCTED BY STEEL BEARING PLATES, OFFSET BARS AT THE FOUNDATION IN ORDER TO MAINTAIN CONTINUITY OF VERTICAL BARS FROM FOUNDATION TO ROOF.																	
	15.	WHERE STRUCTURAL WALLS ABUT, PROVIDE THE LARGER VERTICAL JAMB REINFORCEMENT ONLY.																	
	16.	WHERE BOND BEAMS ARE DISCONTINUOUS, EXTEND REINFORCEMENT 36 BAR DIAMETERS BEYOND THE SPECIFIED TERMINATION																	
	17.	SET BARS IN EPOXY INJECTION ADHESIVE HILTI HIT HY200 OR AN APPROVED EQUAL. COMPLY WITH MANUFACTURERS SPECIFICATIONS FOR PREPARATION & PLACEMENT REQUIREMENTS.																	
	18.	EXAMINE CONDITIONS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE OF THE WORK. A. FOR THE RECORD, PREPARE WRITTEN REPORT, ENDORSED BY INSTALLER, LISTING CONDITIONS DETRIMENTAL TO PERFORMANCE OF THE WORK. B. VERIFY THAT FOUNDATIONS ARE WITHIN TOLERANCES SPECIFIED. C. VERIFY THAT REINFORCING DOWELS ARE PROPERLY PLACED. D. VERIFY THAT SUBSTRATES ARE FREE OF SUBSTANCES THAT WOULD IMPAIR MORTAR BOND. E. BEFORE INSTALLATION, EXAMINE ROUGH-IN AND BUILT-IN CONSTRUCTION FOR PIPING SYSTEMS TO VERIFY ACTUAL LOCATIONS OF PIPING. F. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.																	
	19.	LEAVE OPENINGS FOR EQUIPMENT TO BE INSTALLED BEFORE COMPLETING MASONRY. AFTER INSTALLING EQUIPMENT, COMPLETE MASONRY TO MATCH CONSTRUCTION IMMEDIATELY ADJACENT TO OPENING.																	
	20.	USE FULL-SIZE UNITS WITHOUT CUTTING IF POSSIBLE. IF CUTTING IS REQUIRED TO PROVIDE A CONTINUOUS PATTERN OR TO FIT ADJOINING CONSTRUCTION, CUT UNITS WITH MOTOR-DRIVEN SAWS. PROVIDE CLEAN, SHARP, UNCHIPPED EDGES. ALLOW UNITS TO DRY BEFORE LAYING UNLESS WETTINGS OF UNITS IS SPECIFIED. INSTALL CUT UNITS WITH CUT SURFACES AND, WHERE POSSIBLE, CUT EDGES CONCEALED.																	
	21.	LAY OUT WALLS IN ADVANCE FOR ACCURATE SPACING OF SURFACE BOND PATTERNS WITH UNIFORM JOINT THICKNESSES AND FOR ACCURATE LOCATION OF OPENINGS, MOVEMENT-TYPE JOINTS, RETURNS, AND OFFSETS. AVOID USING LESS-THAN-HALF-SIZE UNITS, PARTICULARLY AT CORNERS, JAMBS, AND, WHERE POSSIBLE, AT OTHER LOCATIONS.																	
	22.	STOPPING AND RESUMING WORK: STOP WORK BY STEPPING BACK UNITS IN EACH COURSE FROM THOSE IN COURSE BELOW. DO NOT TOOTH WITH RESUMING WORK. CLEAN MASONRY SURFACES THAT ARE TO RECEIVE MORTAR. REMOVE LOOSE MASONRY UNITS AND MORTAR, AND WET BRICK IF REQUIRED BEFORE LAYING FRESH MASONRY.																	
	23.	ANCHOR MASONRY TO STRUCTURAL STEEL AND CONCRETE, WHERE MASONRY ABUTS OR FACES STRUCTURAL STEEL OR CONCRETE, TO COMPLY WITH THE FOLLOWING: A. PROVIDE AN OPEN SPACE NOT LESS THAN 1/2"x1/2" WIDE BETWEEN MASONRY AND STRUCTURAL STEEL OR CONCRETE U.N.O. KEEP OPEN SPACE FREE OF MORTAR AND OTHER HIGDRI MATERIALS. B. ANCHOR MASONRY WITH ANCHORS EMBEDDED IN MASONRY JOINTS AND ATTACHED TO STRUCTURE. C. SPACE ANCHORS AS INDICATED, BUT NOT MORE THAN 24" O.C. VERTICALLY AND 36" O.C. HORIZONTALLY.																	
	24.	PARGING: A. PARGE EXTERIOR FACES OF BELOW-GRADE MASONRY WALLS, WHERE INDICATED, IN TWO UNIFORM COATS TO A TOTAL THICKNESS OF 3/4". DAMPEN WALL BEFORE APPLYING FIRST COAT, AND SCARIFY FIRST COAT TO ENSURE FULL BOND TO																	

FOOTING SCHEDULE				
LABEL	PLAN DIM.	THICKNESS	REINFORCEMENT	COMMENTS
F4	4' - 0"x4' - 0"	1' - 0"	(5) #5 EA WAY - BOTTOM	
F5	5' - 0"x5' - 0"	1' - 0"	(6) #5 EA WAY - BOTTOM	

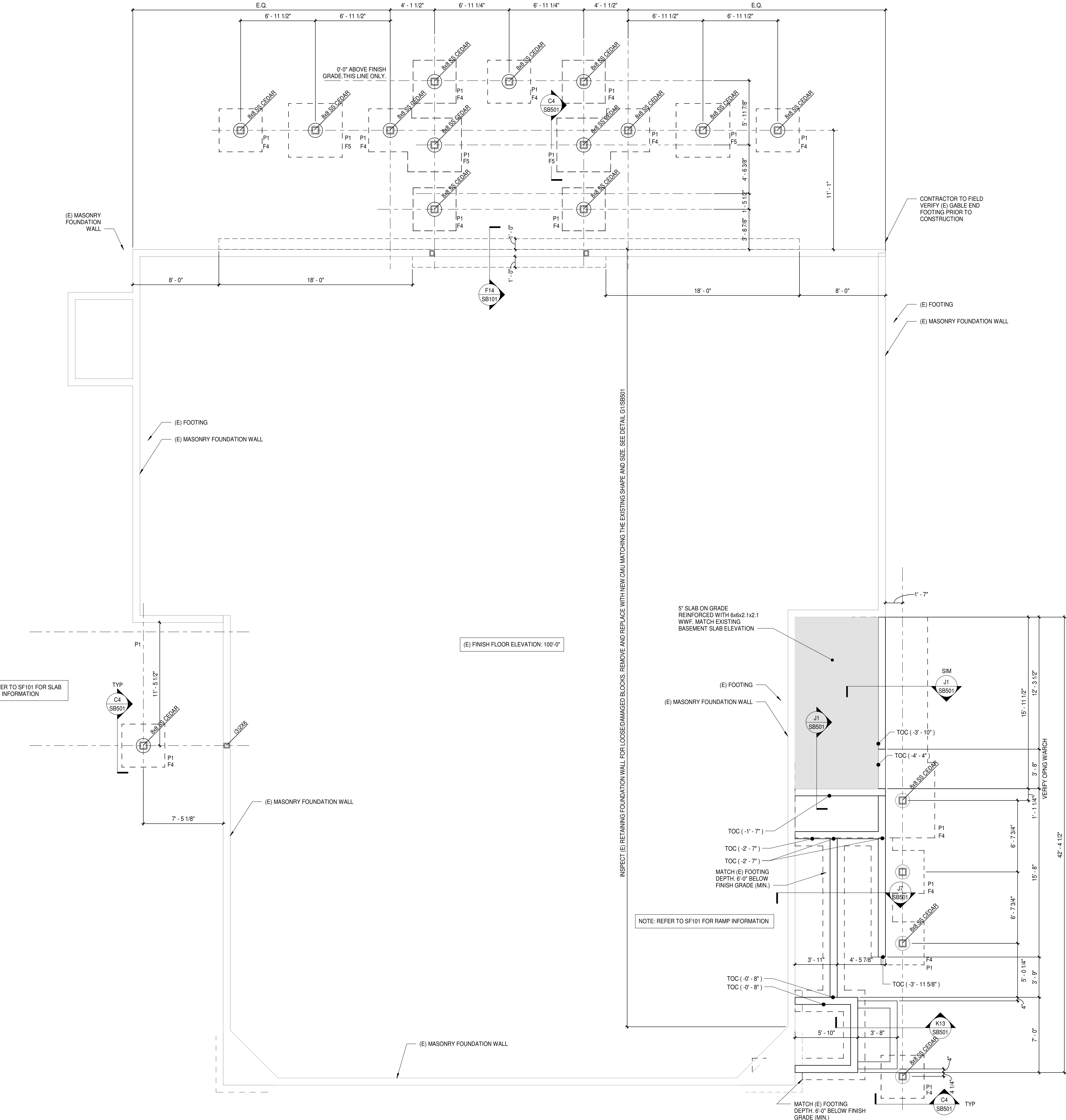


PIER P1
3/4" = 1'-0" L14



SECTION F14
3/4" = 1'-0"

NOTE: REFER TO SF101 FOR SLAB ON GRADE INFORMATION

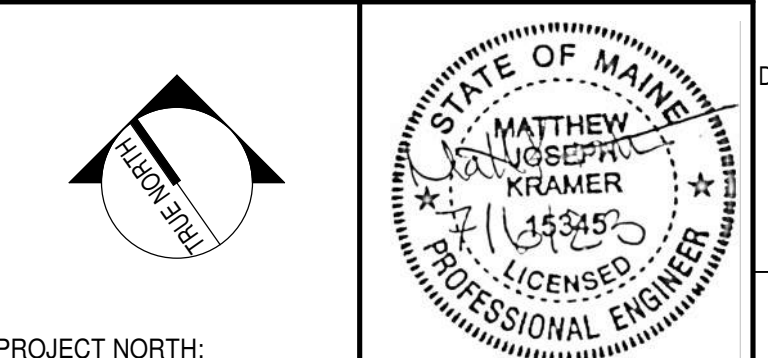


- FOUNDATION PLAN NOTES:
- SEE S-001 FOR STRUCTURAL GENERAL NOTES
 - INDICATES SPAN DIRECTION OF 1/2" (32/16) SHEATHING.
 - TOP OF FOOTING ELEVATION IS 6'-0" MIN BELOW FINISH GRADE UNLESS INDICATED TOP (+/- 0'-0") FROM TOP OF CONCRETE ELEVATION. ALIGN WITH (E) FOUNDATION IF DEEPER THAN 6'-0" BELOW GRADE
 - "FX" INDICATES FOOTING TYPE. SEE FOOTING SCHEDULE FOR ADDITIONAL INFORMATION.
 - "PX" INDICATES PIER TYPE. SEE DETAILS FOR ADDITIONAL INFORMATION.
 - TOP OF PIER ELEVATION +/- 1'-0" (MIN) ABOVE FINISH GRADE UNLESS NOTED OTHERWISE.

REV	DESCRIPTION	DATE
0	ISSUE FOR CONSTRUCTION	07-14-23

ISSUE FOR CONSTRUCTION
07-14-23

CURRENT ISSUE STATUS:



PROJECT NORTH:
SMRT Architects and Engineers
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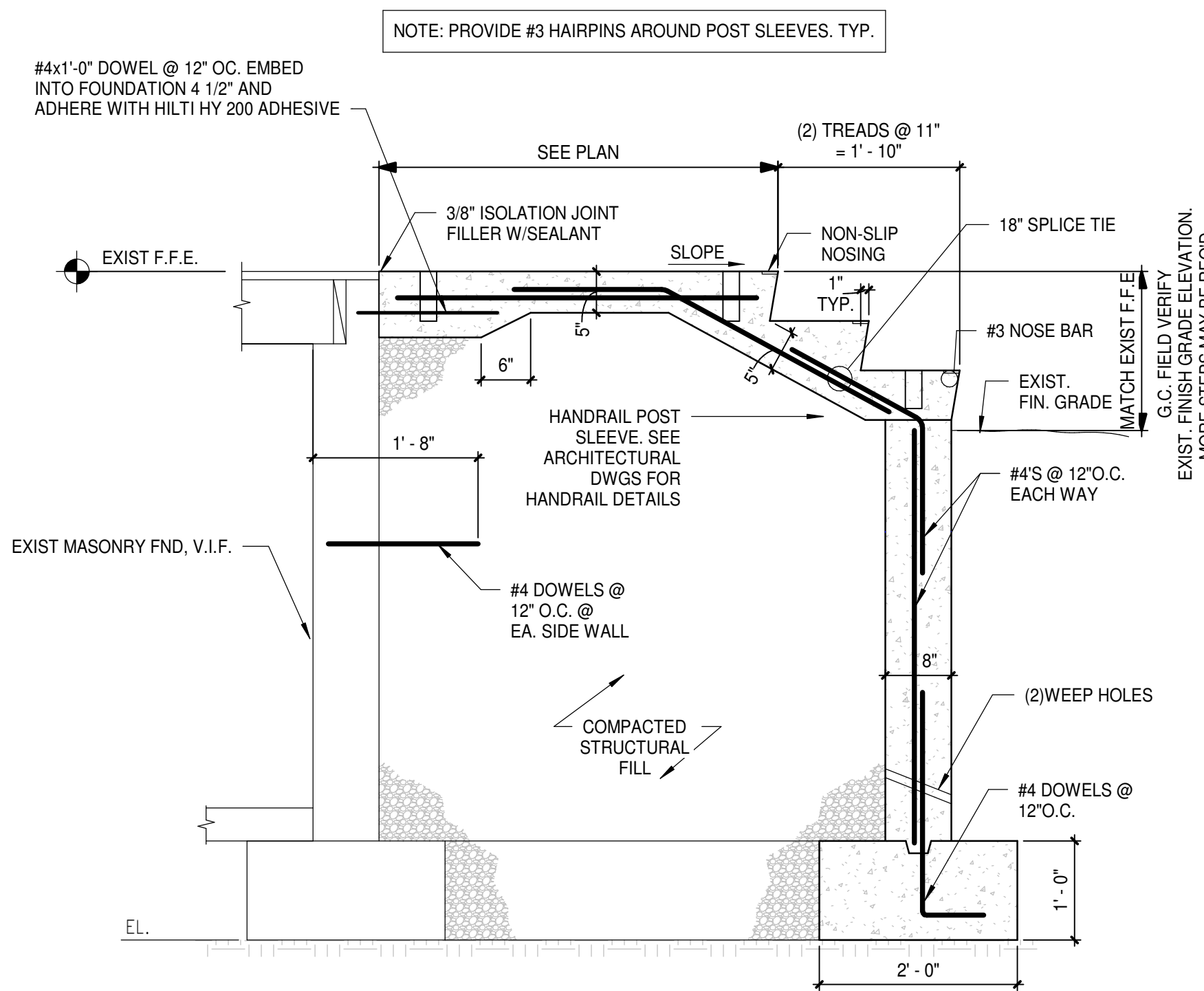
**WABANAKI PUBLIC HEALTH
WABANAKI WELLNESS RECOVERY
HOME; FAMILY & FRIENDS CENTER**

MILLINOCKET, MAINE
FOUNDATION PLAN

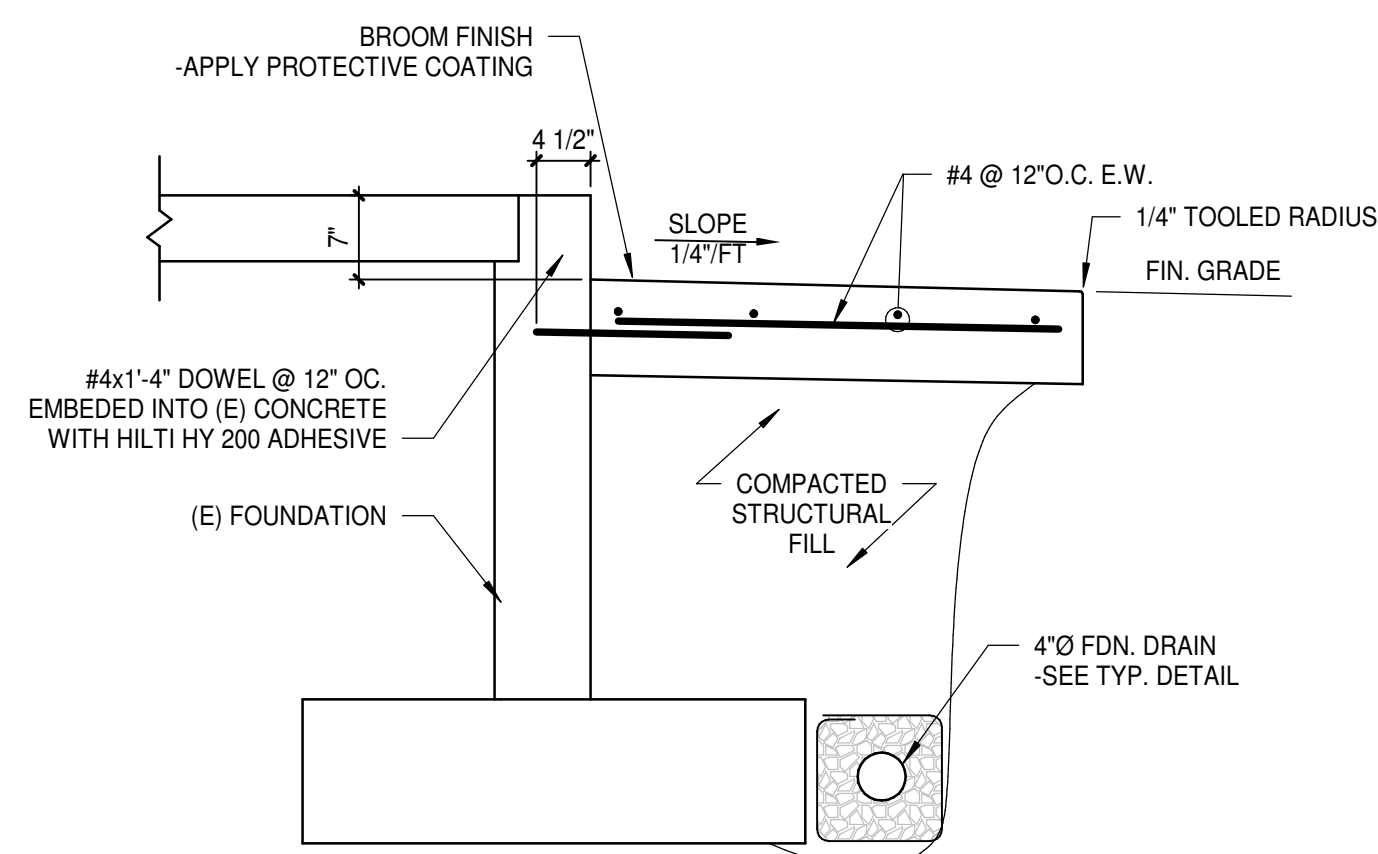
SHEET TITLE:
0' 1/4' 1/2' 1' 2' 3'

SCALE: AS NOTED
PROJECT NO: 23039

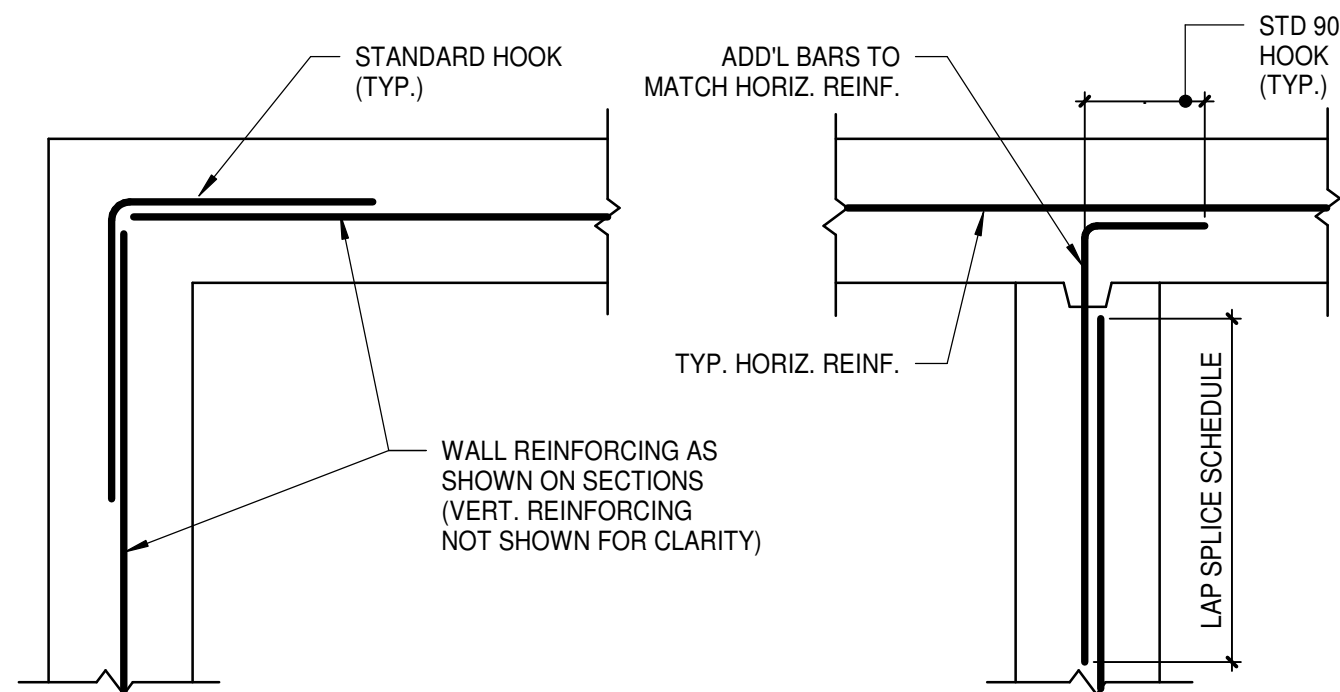
PROJECT MANAGER: RSC
A/E OF RECORD: MJK
JOB CAPTAIN: RSC
DRAWN BY: CJD
SMRT FILE: SB101-23039
SHEET No. SB101



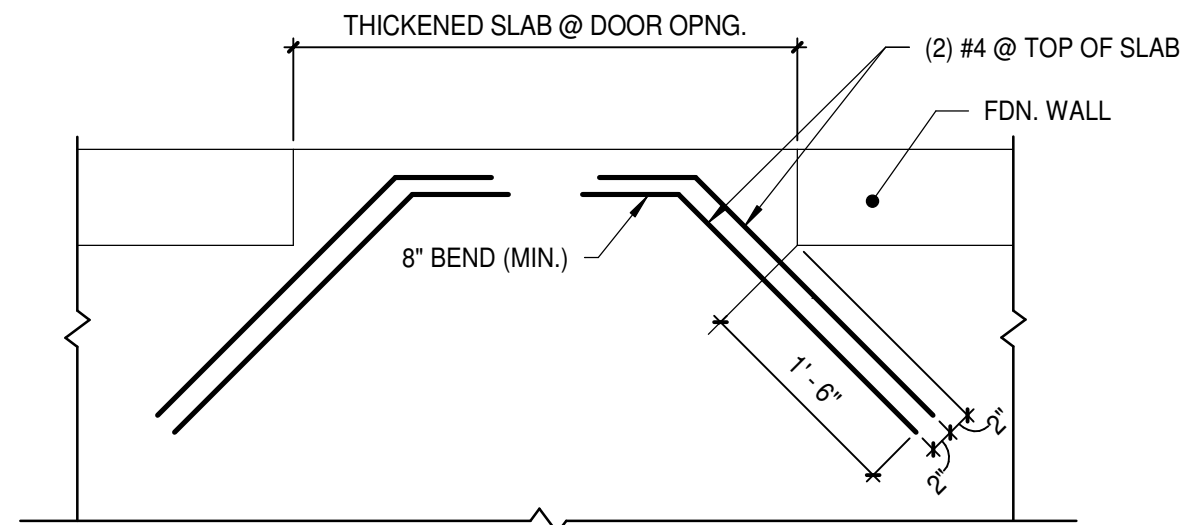
TYPICAL CONCRETE STAIRS (K13)



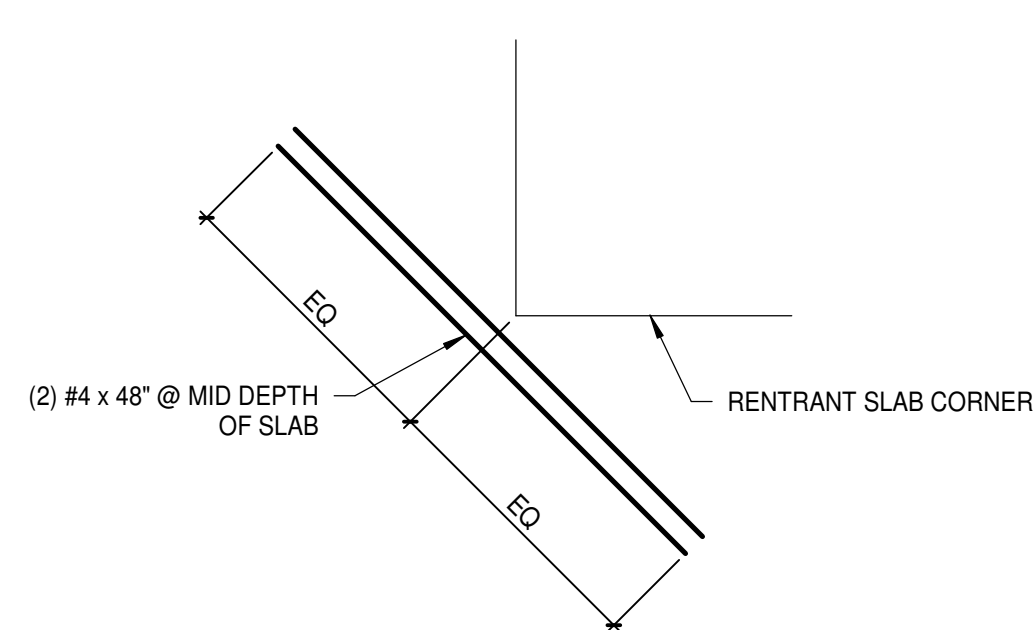
TYPICAL ALTERNATE SECTION @ DOOR (G13)



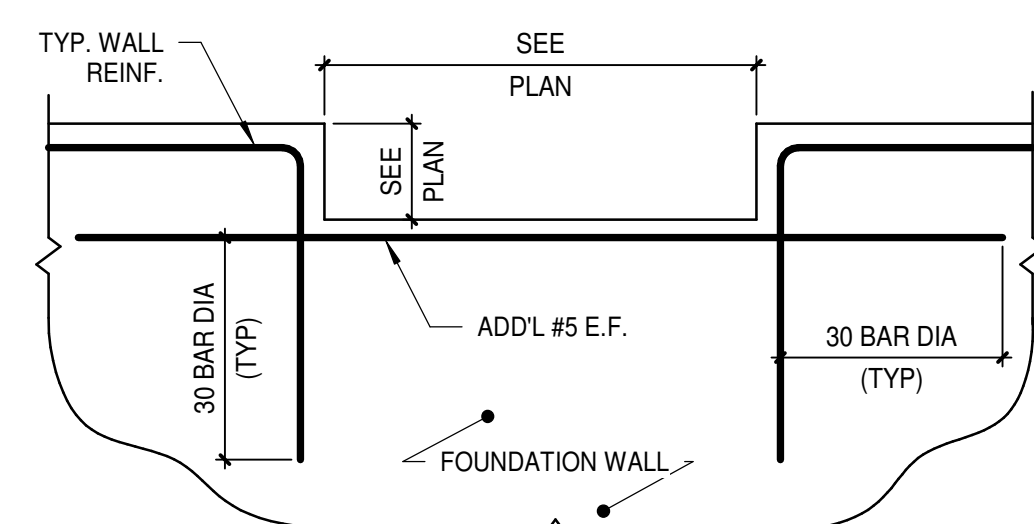
TYPICAL WALL CORNER INTERSECTING REINFORCING (C14)



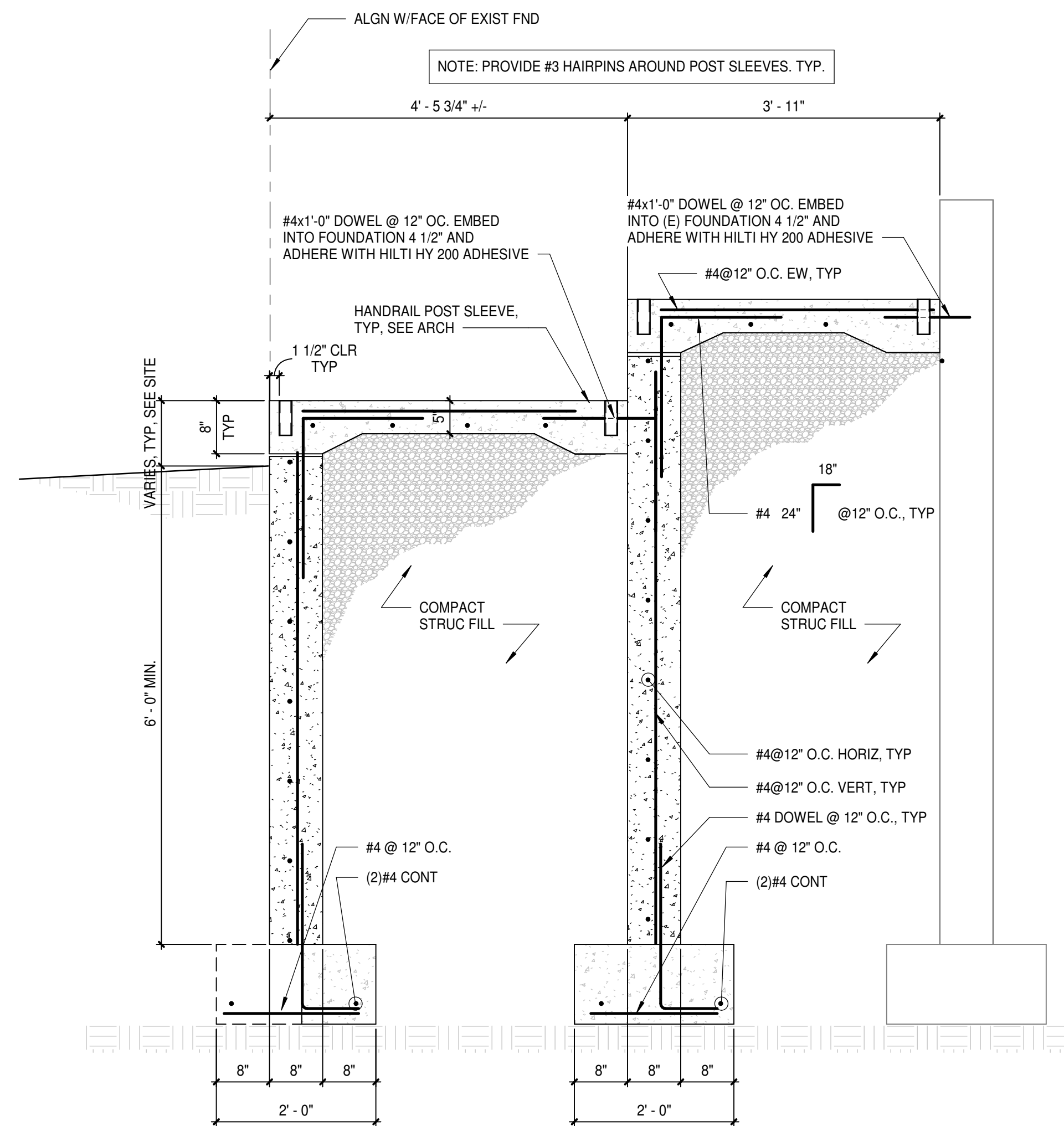
TYPICAL REINFRANT SLAB REINFORCING DETAIL @ DOOR (A14)



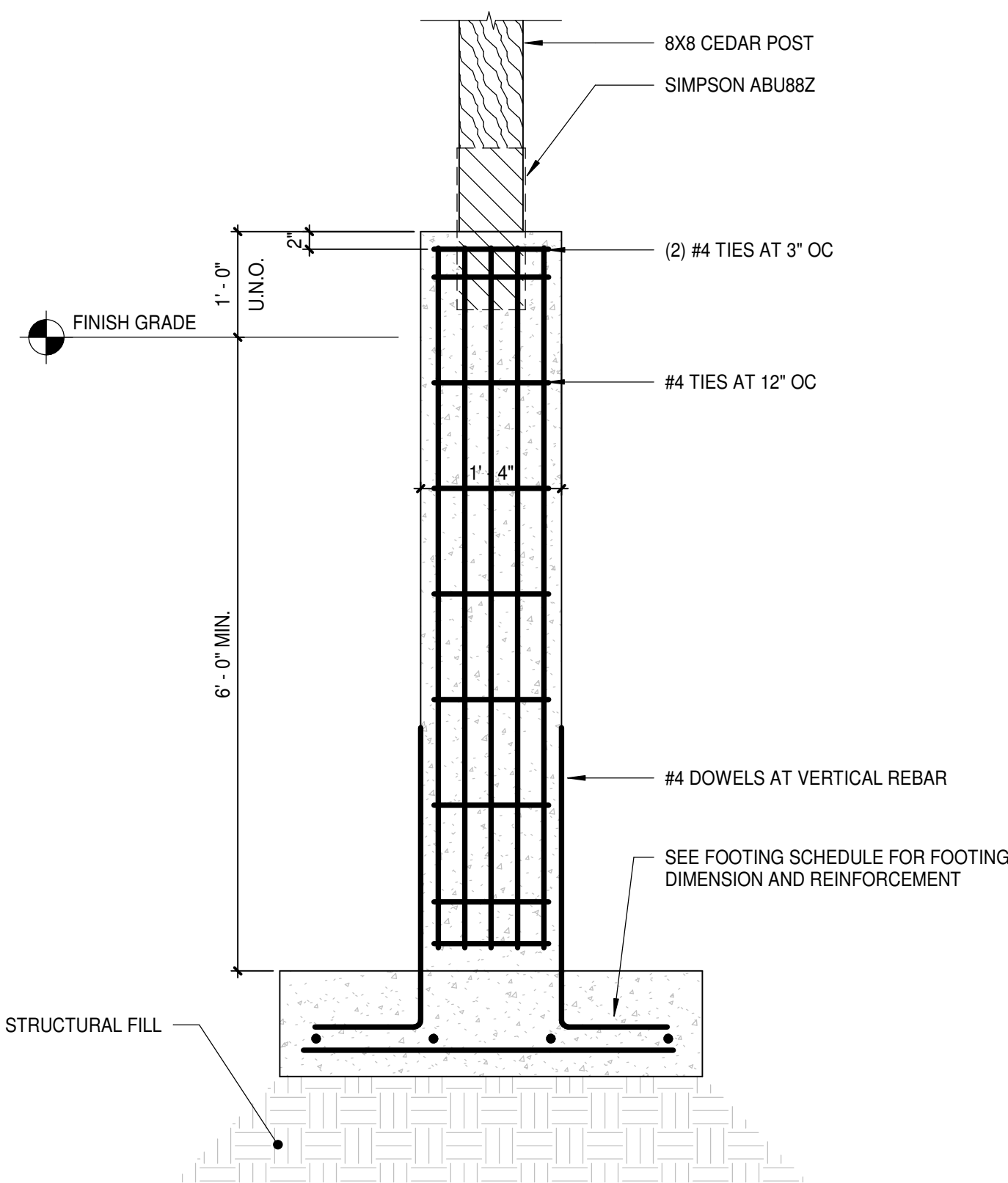
TYPICAL REINFRANT SLAB REINFORCING DETAIL (A11)



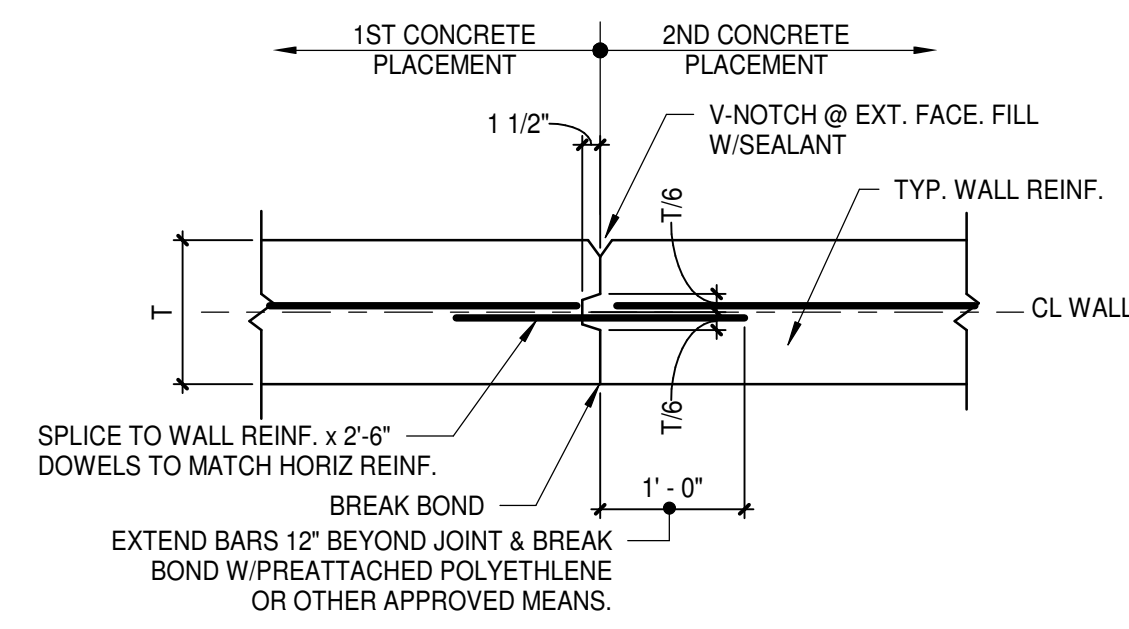
TYPICAL STEP IN TOP OF FOUNDATION WALL (A7)



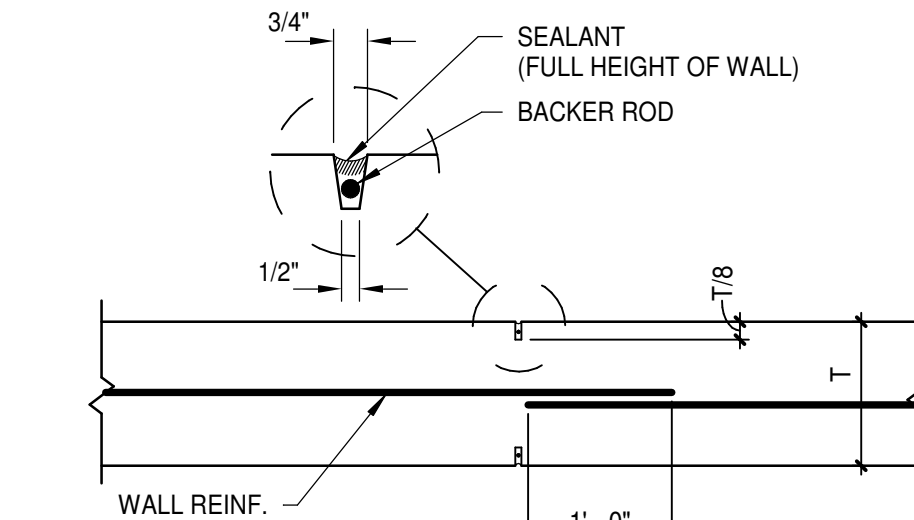
SECTION (J7)



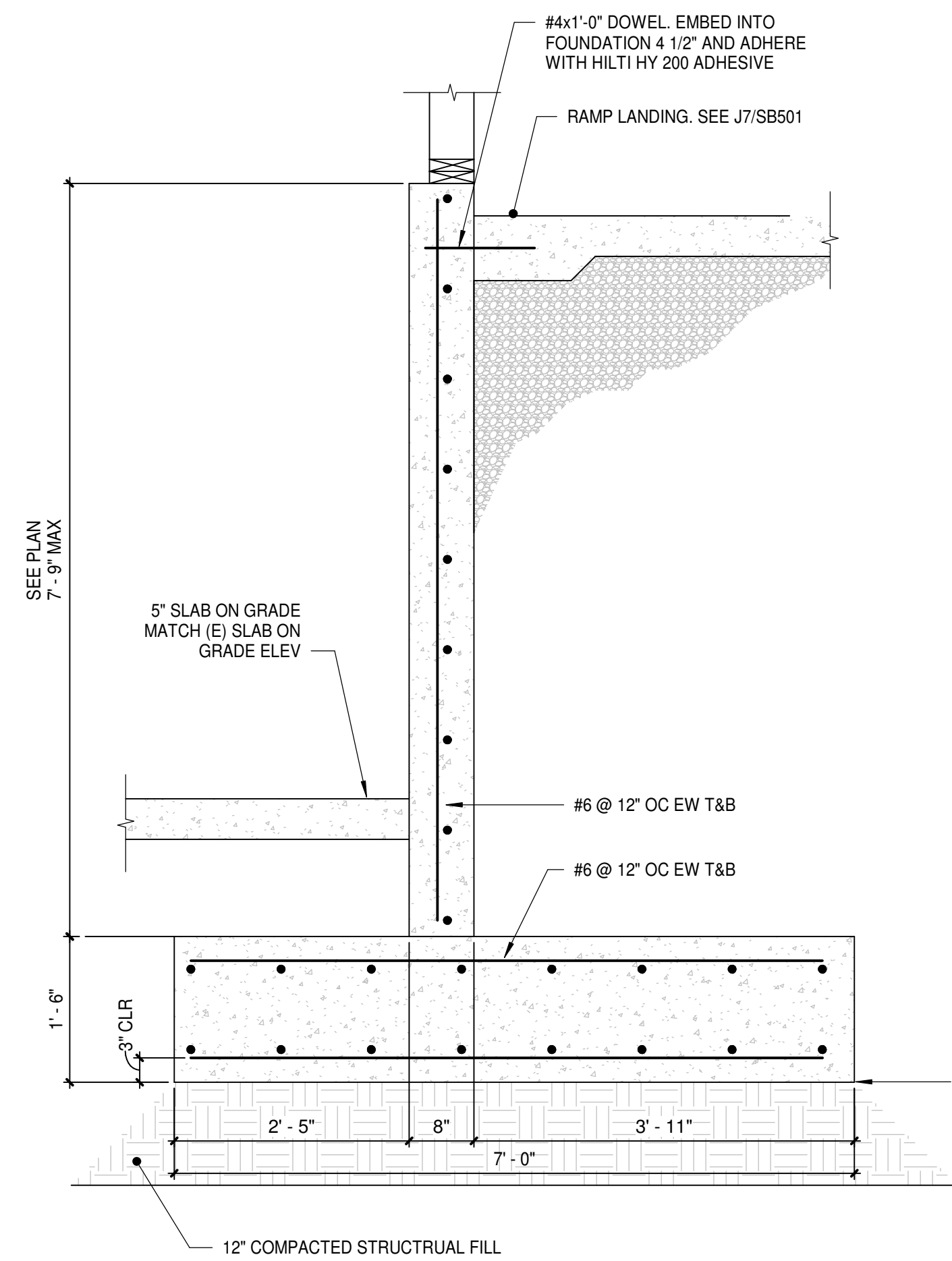
SECTION (C4)



TYPICAL CONSTRUCTION JOINT IN WALL (A4)



TYPICAL CONTROL JOINT IN WALL (A1)



RETAINING WALL SECTION (J1)

SPlice LENGTH TABLES:

WHERE LAP SPlice LENGTHS FOR REINFORCING STEEL ARE NOT SPECIFIED, PROVIDE SPlice LENGTHS IN ACCORDANCE W/ THE FOLLOWING TABLES:

BAR SIZE	3000 PSI				4000 PSI				4500 PSI			
	0.75' <= CONCRETE COVER < 2.0'		CONCRETE COVER >= 2.0'		0.75' <= CONCRETE COVER < 2.0'		CONCRETE COVER >= 2.0'		0.75' <= CONCRETE COVER < 2.0'		CONCRETE COVER >= 2.0'	
	TOP	OTHER	TOP	OTHER	TOP	OTHER	TOP	OTHER	TOP	OTHER	TOP	OTHER
#3	32"	25"	21"	16"	28"	21"	18"	14"	26"	20"	17"	13"
#4	43"	33"	28"	22"	37"	28"	25"	19"	35"	27"	23"	18"
#5	53"	41"	36"	27"	46"	36"	31"	24"	44"	34"	29"	22"
#6	64"	49"	43"	33"	55"	43"	37"	28"	52"	40"	35"	27"
#7	93"	72"	62"	48"	81"	62"	54"	42"	76"	59"	51"	39"
#8	107"	82"	71"	55"	92"	71"	62"	47"	87"	67"	58"	45"
#9	120"	92"	80"	62"	104"	80"	69"	53"	98"	75"	65"	50"
#10	134"	103"	89"	68"	116"	89"	77"	59"	109"	84"	73"	56"

NOTES:

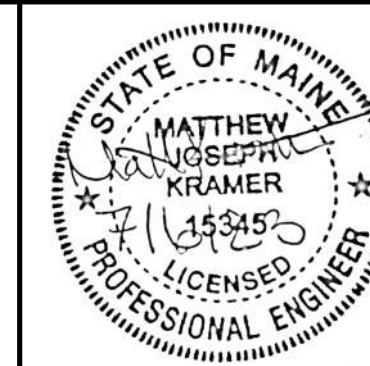
- "TOP BARS" ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BAR.
- TABLE ASSUMPTIONS:
 - NORMAL WEIGHT CONCRETE
 - UNCOATED REINFORCING
 - CLEAR SPACE BETWEEN BARS IS TWICE BAR DIAMETER OR LARGER

SPlice LENGTH TABLES (C8)

REV	DESCRIPTION	DATE
0	ISSUE FOR CONSTRUCTION	07-14-23

ISSUE FOR CONSTRUCTION 07-14-23

CURRENT ISSUE STATUS:



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**WABANAKI PUBLIC HEALTH
WABANAKI WELLNESS RECOVERY
HOME; FAMILY & FRIENDS CENTER**

MILLINOCKET, MAINE

FOUNDATION DETAILS

SHEET TITLE:



SCALE: AS NOTED	PROJECT NO: 23039
PROJECT MANAGER: RSC	PROJECT NO: 23039
AVE OF RECORD: MJK	
JOB CAPTAIN: RSC	
DRAWN BY: CJD	
SMRT FILE: SB501-23039	SHEET No. SB501

HEADER SCHEDULE						
DESIGNATION	MAXIMUM LINTEL SPAN	WALL TYPE	LINTEL SIZE	LINTEL MATERIAL	QTY OF JACK STUDS	QTY OF KING STUDS
H1	4'-0"	EXTERIOR	(3) 2x12	#1 SPF	2	2
H2	5'-0"	EXTERIOR	(3) 2x12	#2 SPF	1	1
H3	4'-0"	INTERIOR	(3) 2x12	#2 SPF	1	1
H4	3'-0"	EXTERIOR	(3) 2X12	#2 SPF	1	1
H5	7'-0"	EXTERIOR	(3) 2x12	#2 SPF	1	1
H6	5'-6"	EXTERIOR	5 1/4"x 11 1/4"	LVL	2	1

1. SEE SF501 FOR TYPICAL FRAMING AT LINTELS ABOVE DOORS AND WINDOWS IN STRUCTURAL WALLS.
2. AT OPENINGS IN SHEAR WALLS, FASTEN OSB SHEATHING TO FRAMING AROUND OPENING WITH 8d NAILS AT 4" OC



1. SEE S-001 FOR STRUCTURAL GENERAL NOTES
2.  INDICATES SPAN DIRECTION OF CEDAR DECKING.
SEE ARCH FOR MORE INFO.
3.  INDICATES SPAN DIRECTION OF 23/32" STURD-I-
FLOOR SHEATHING.

ISSUE FOR CONSTRUCTION
07-14-23

PROJECT NORTH:

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WABANAKI WELLNESS RECOVERY
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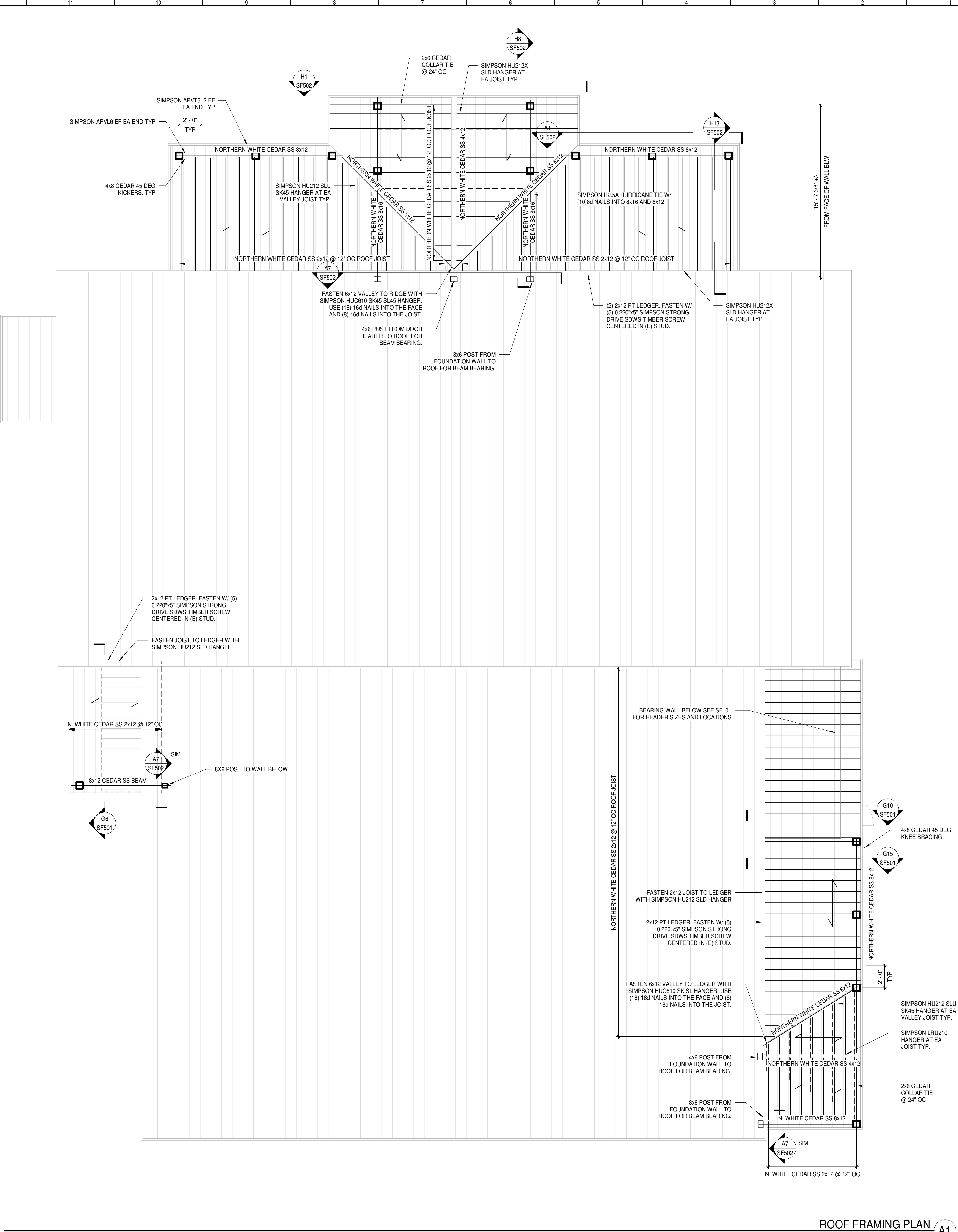
FRAMING PLAN

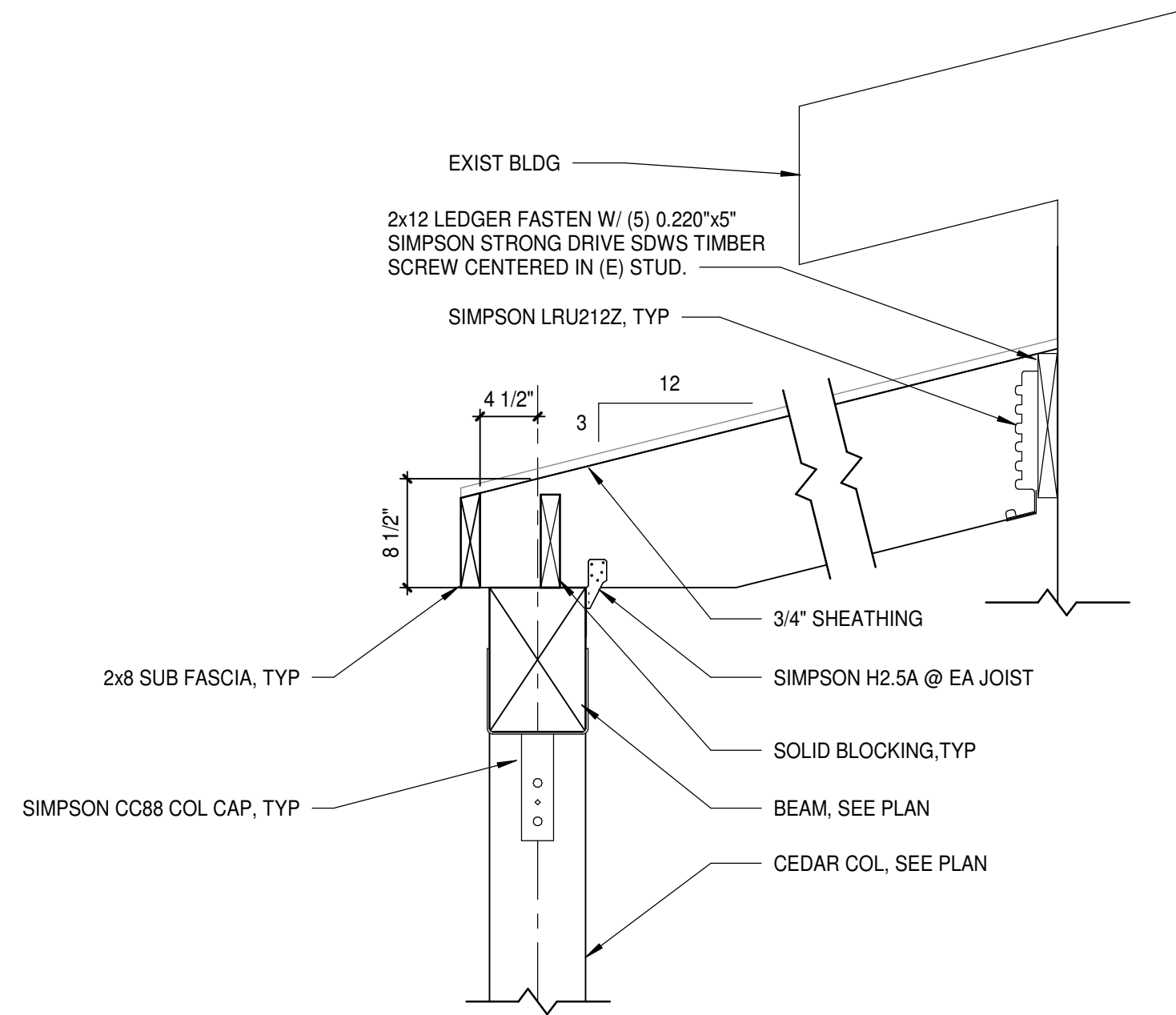
Angle	Percentage of correct responses
0°	~95
1/4°	~65
1/2°	~85
1°	~90
2°	~95
3°	~95

PROJECT MANAGER:	RSC	PROJECT NO:	23039
A/E OF RECORD:	MJK	SF101	COPYRIGHT 2008 SMRT INC.
JOB CAPTAIN:	RSC		
DRAWN BY:	CJD		
SMRT FILE:	SF101-23039		
		SHEET No.	

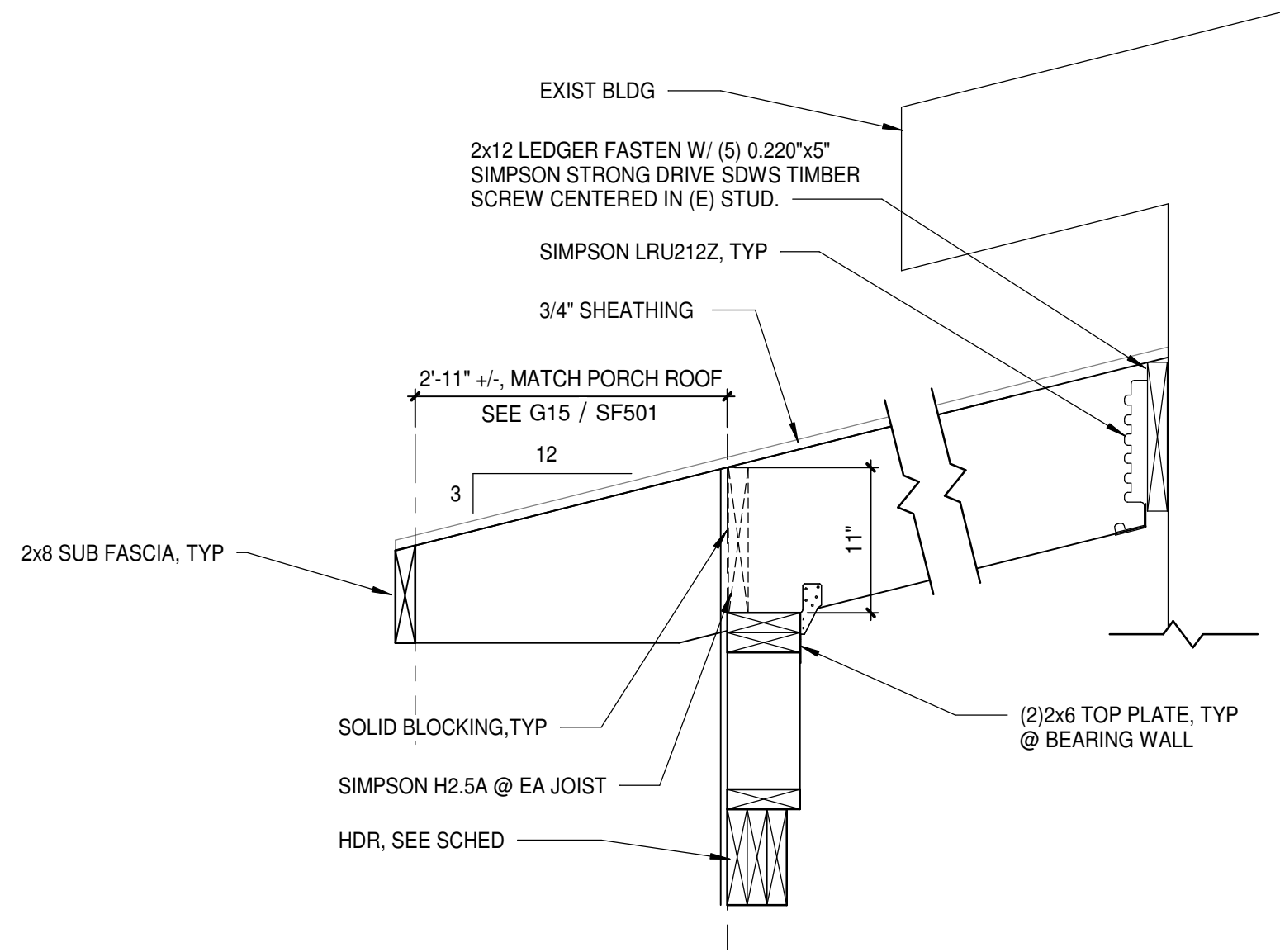
SF101

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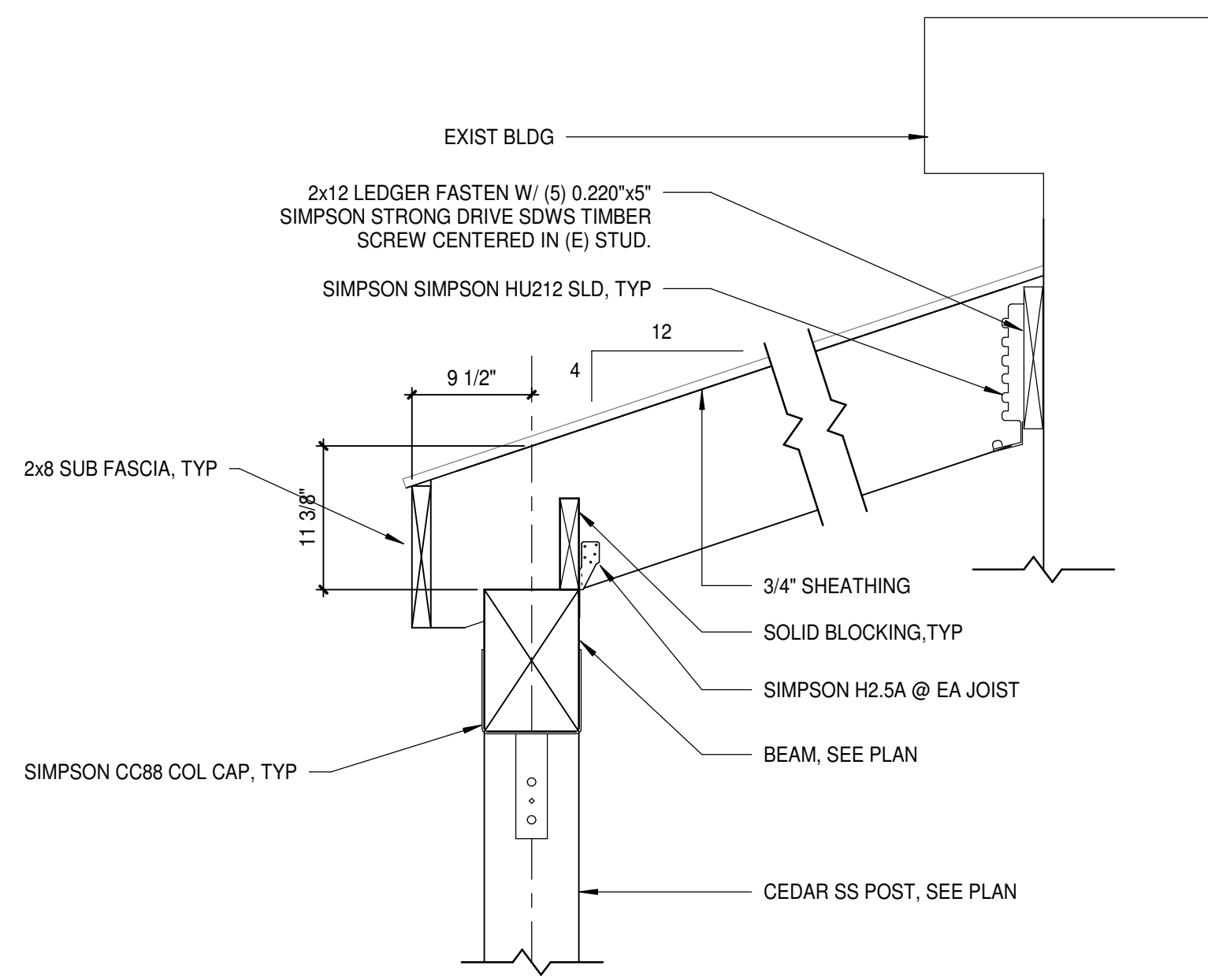




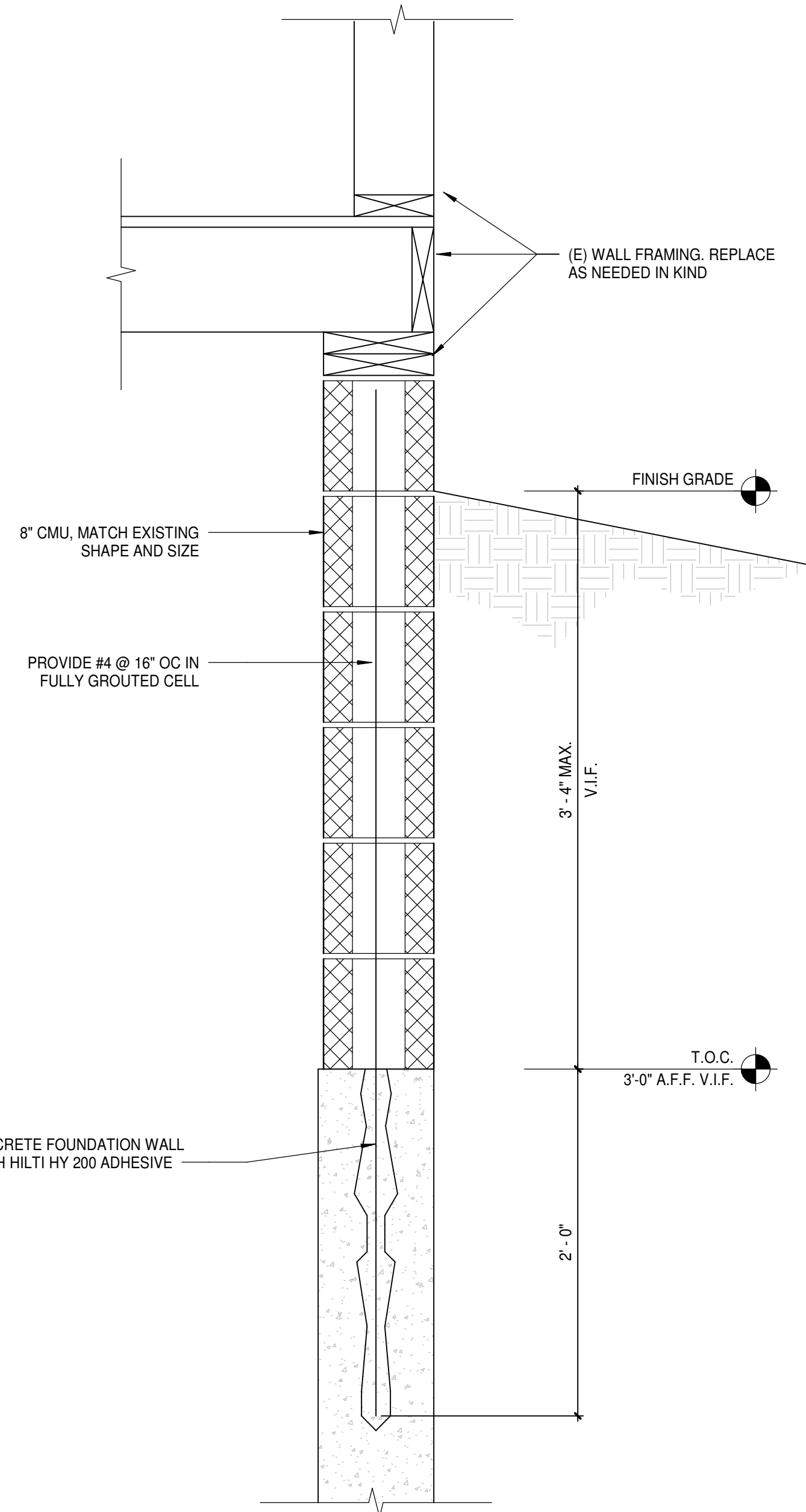
SECTION G15
1" = 1'-0"



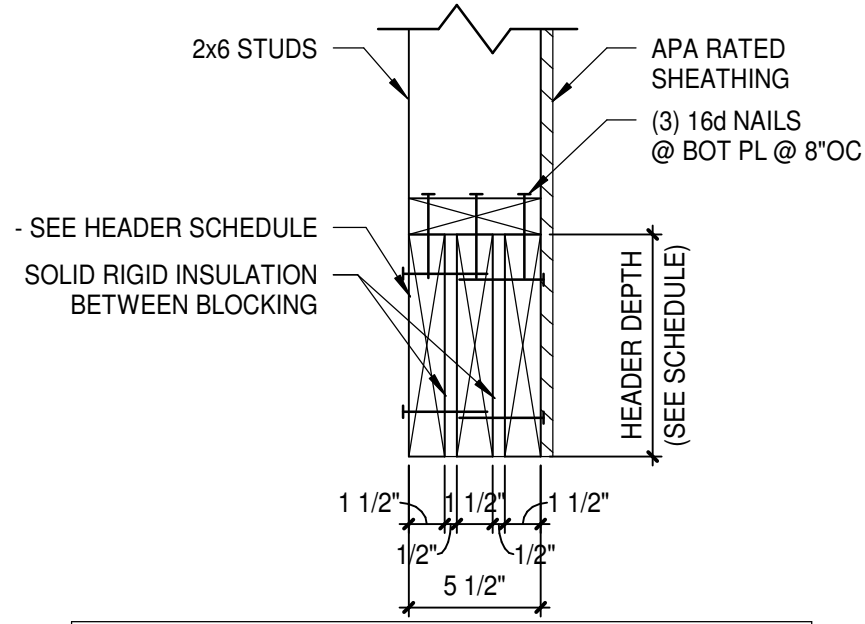
SECTION G10
1" = 1'-0"



SECTION G6
1" = 1'-0"

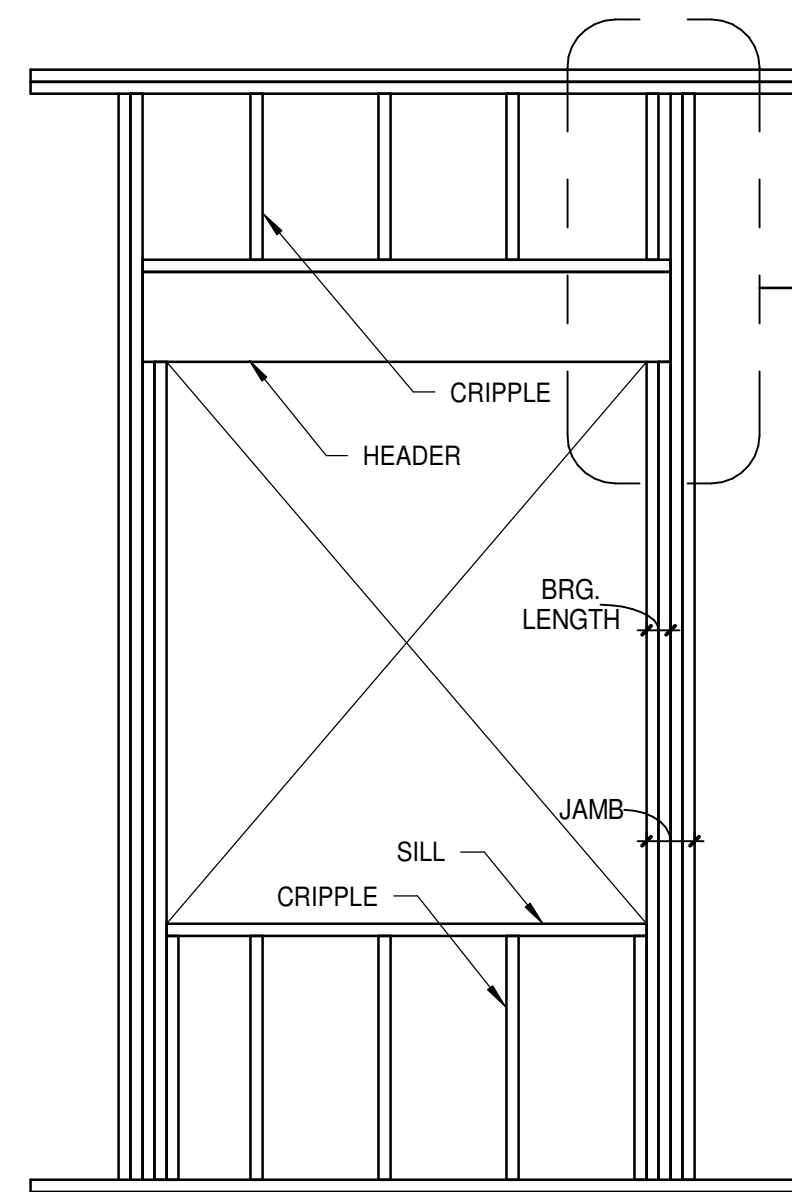


SECTION G1
1 1/2" = 1'-0"

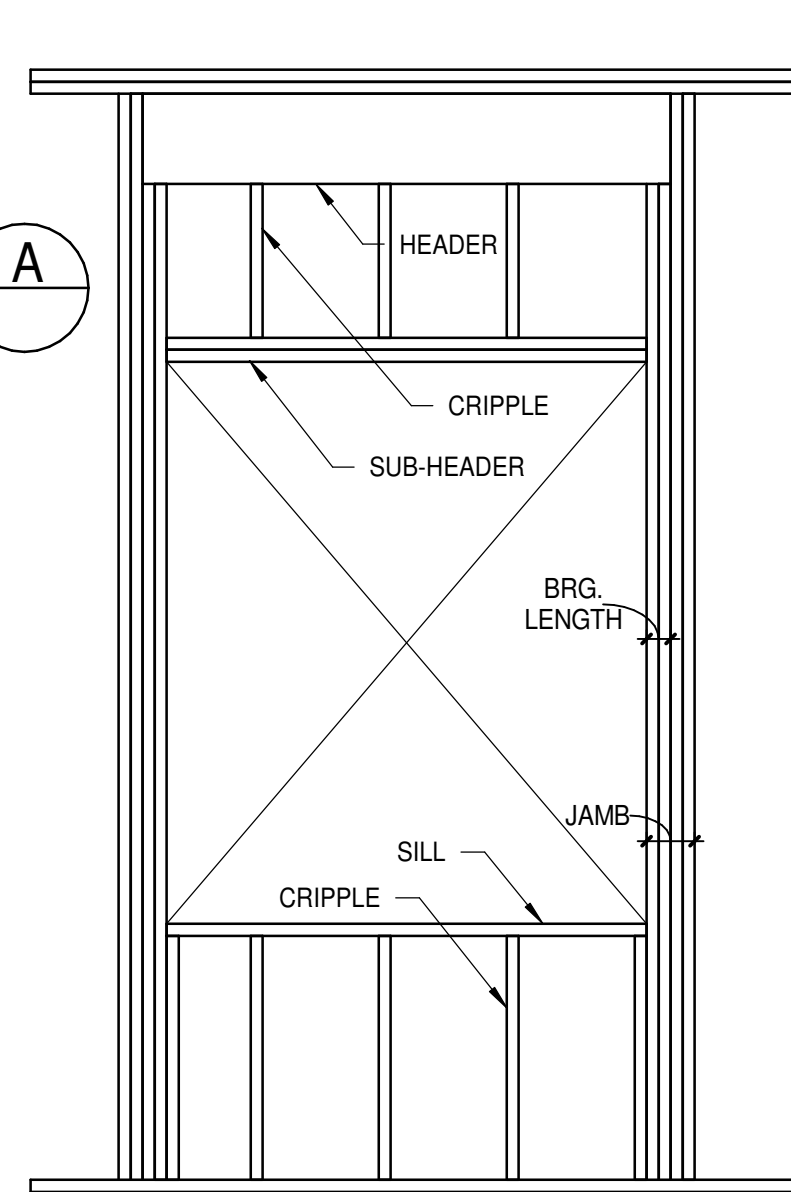


NOTE:
1. NAIL HEADER COMPONENTS TOGETHER W/ (2) 16D NAILS @ ENDS & 12" OC, TYPICAL BOTH SIDES OF HEADER.

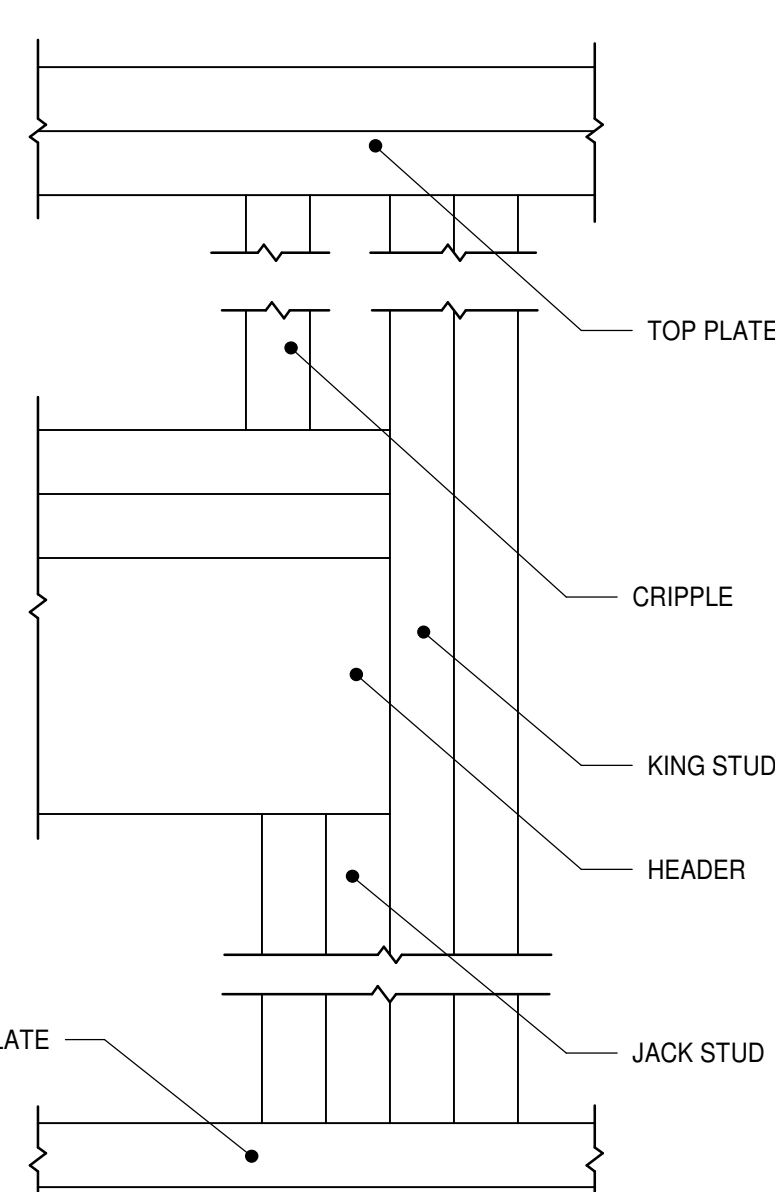
TYPICAL HEADER SECTION A15
1 1/2" = 1'-0"



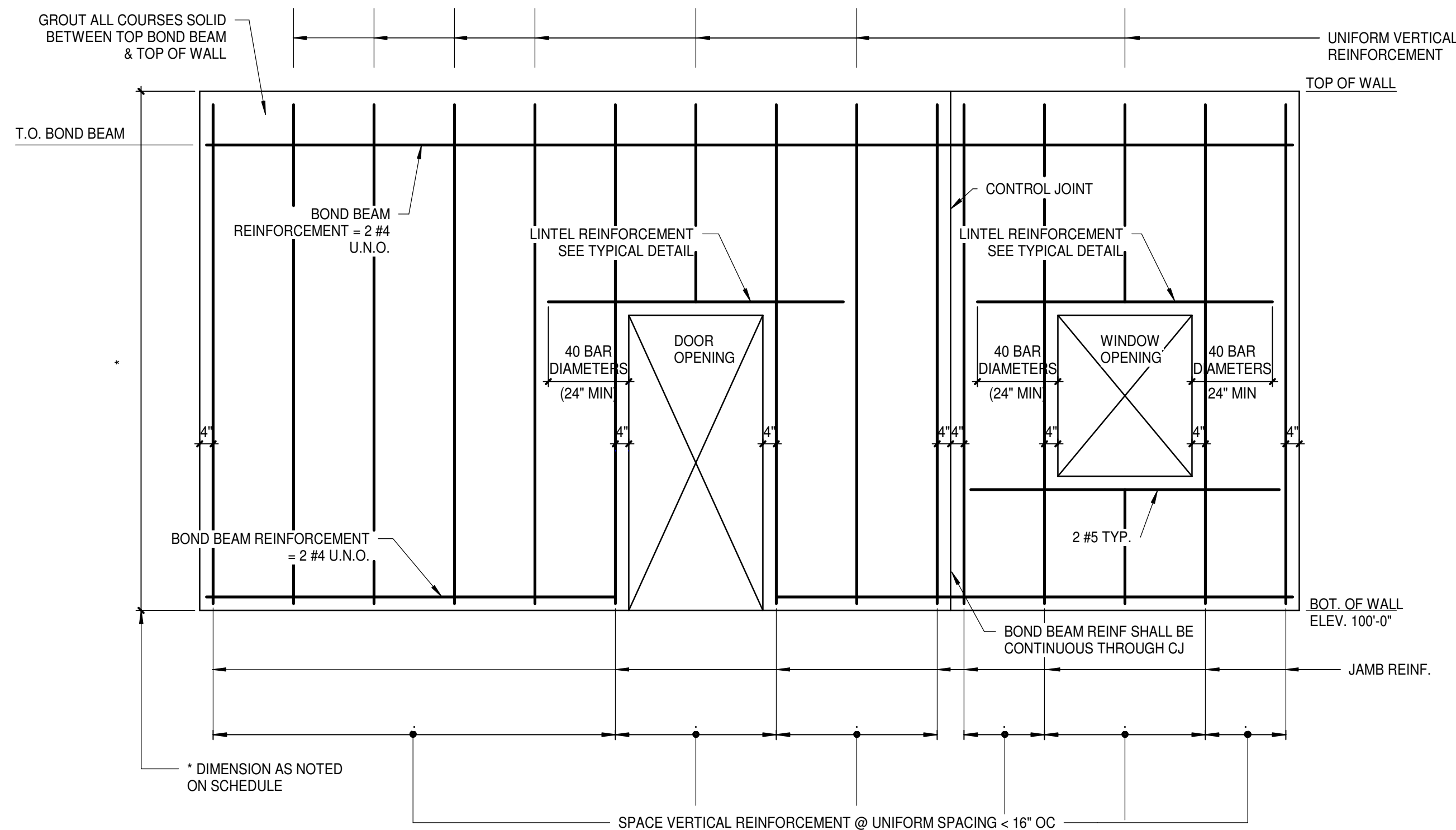
OPNG FRAME TYPE-A



OPNG FRAME TYPE-B



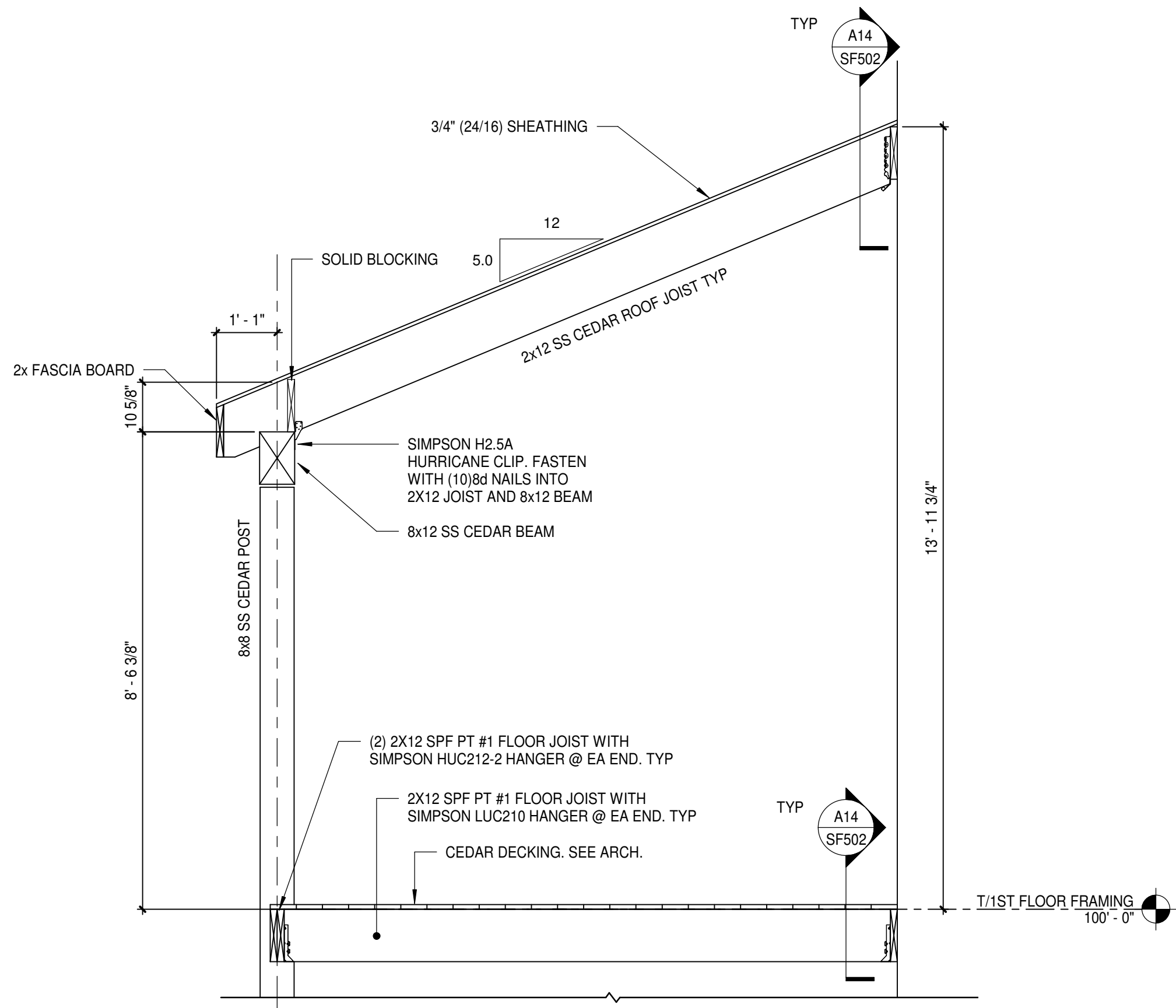
OPENING FRAME TYPES A8
1 1/2" = 1'-0"



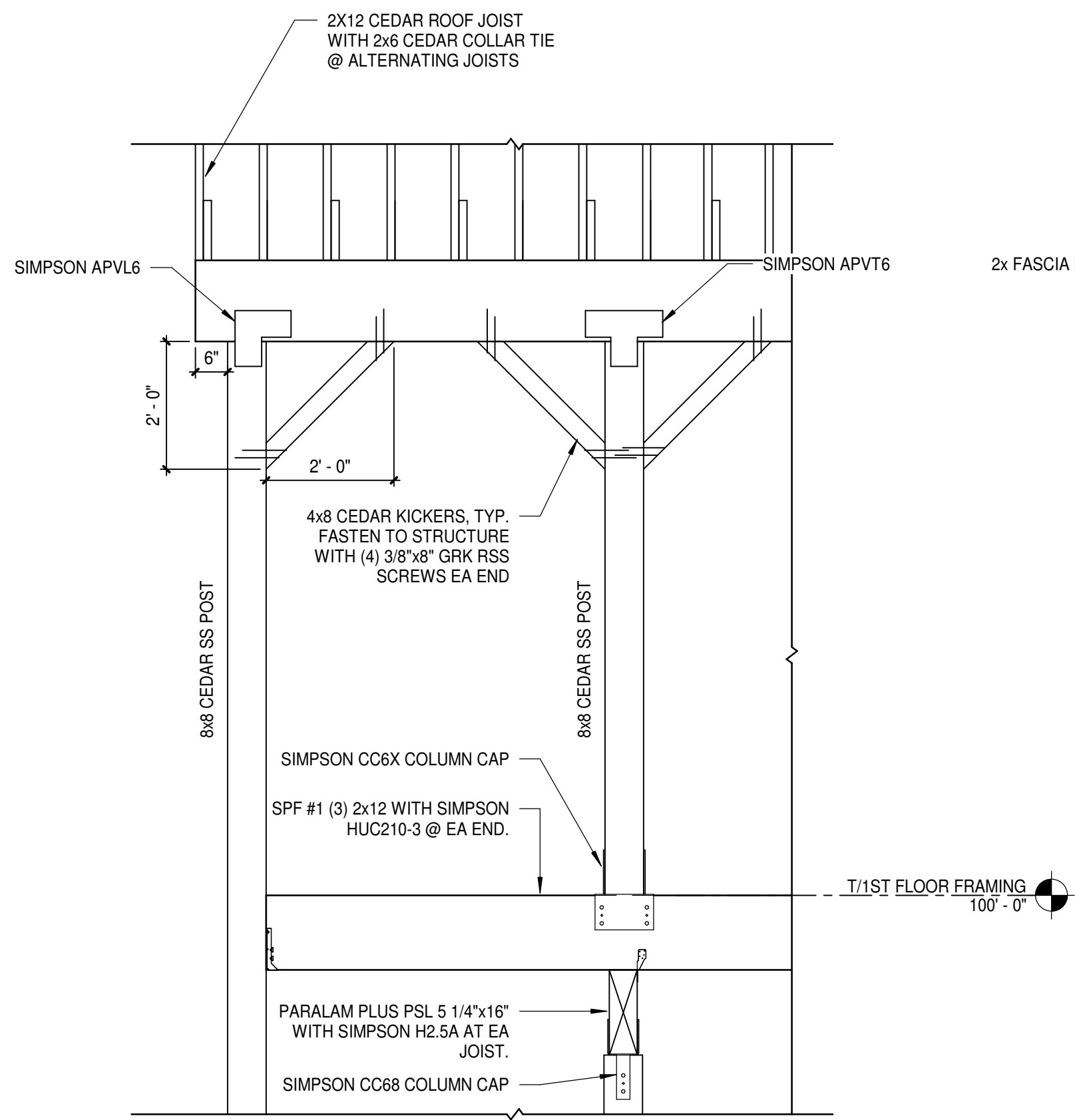
NOTES:
1. JOINT REINFORCEMENT IS NOT SHOWN - TERMINATE JOINT REINF. @ CONTROL JOINTS.
2. SPLICE VERTICAL BARS TO DOWELS EMBEDDED IN FOUNDATION CONC.
3. REFER TO ARCHITECTURAL WALL TYPES FOR REINF. REQUIREMENTS.
4. ALL VERTICAL REINF. SHALL BE #5 CENTERED IN CELLS.

TYPICAL MASONRY WALL ELEVATION A1
3/8" = 1'-0"

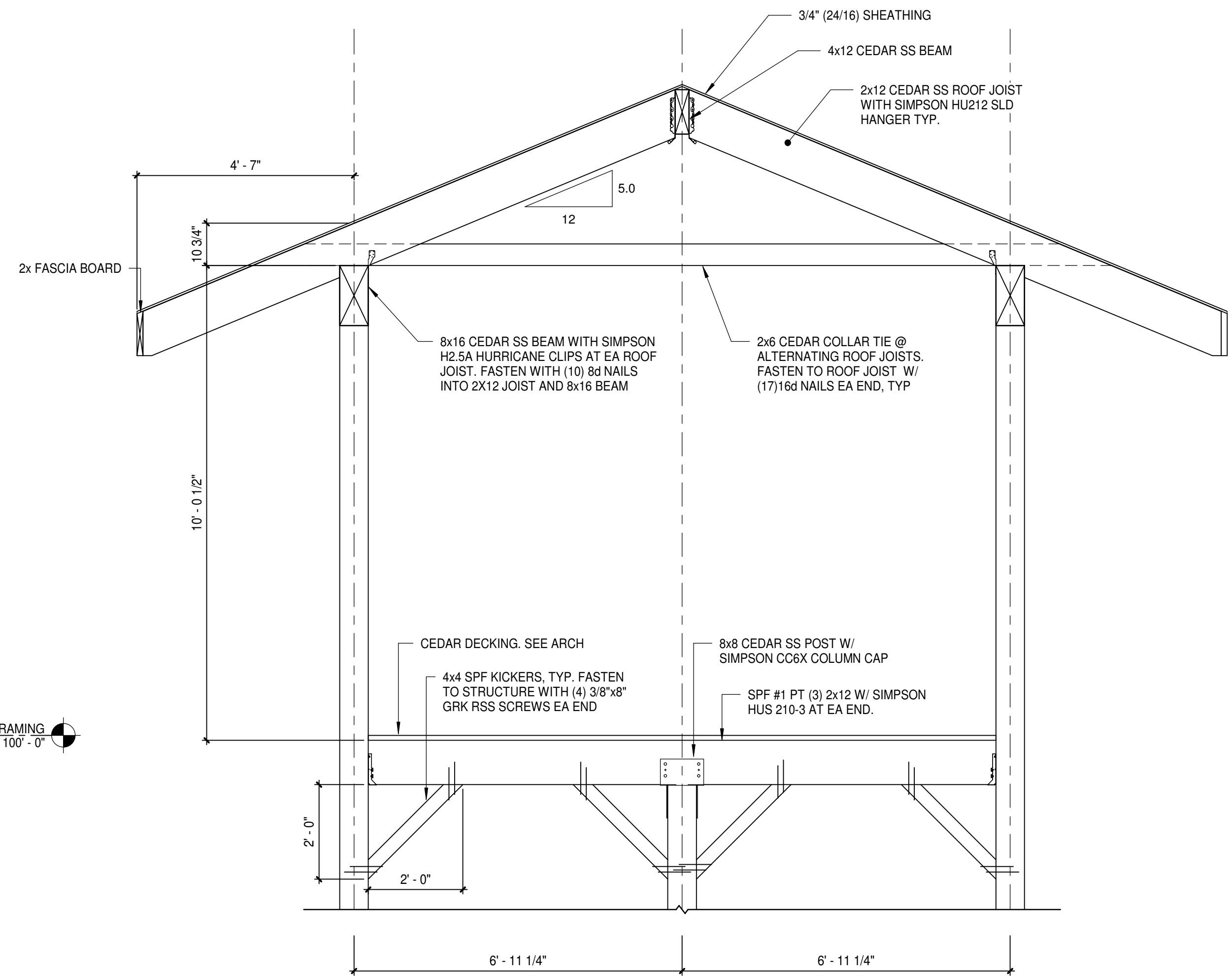
0	ISSUE FOR CONSTRUCTION	07-14-23
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CURRENT ISSUE STATUS:		
STATE OF MAINE MATTHEW JOSEPH KRAMER LICENSED PROFESSIONAL ENGINEER		
SMRT Architects and Engineers 144 Fore Street Portland, Maine 04101 1.877.700.7678 www.smrinc.com		
WABANAKI PUBLIC HEALTH WABANAKI WELLNESS RECOVERY HOME; FAMILY & FRIENDS CENTER		
MILLINOCKET, MAINE		
FRAMING SECTIONS AND DETAILS		
SHEET TITLE:		
0' 1/4" 1/2" 1' 2' 3'		
SCALE: AS NOTED		
PROJECT MANAGER: RSC	PROJECT NO: 23039	
A/E OF RECORD: MJK		
JOB CAPTAIN: RSC		
DRAWN BY: CJD		
SMRT FILE: SF501-23039	SHEET No.	
SF501		



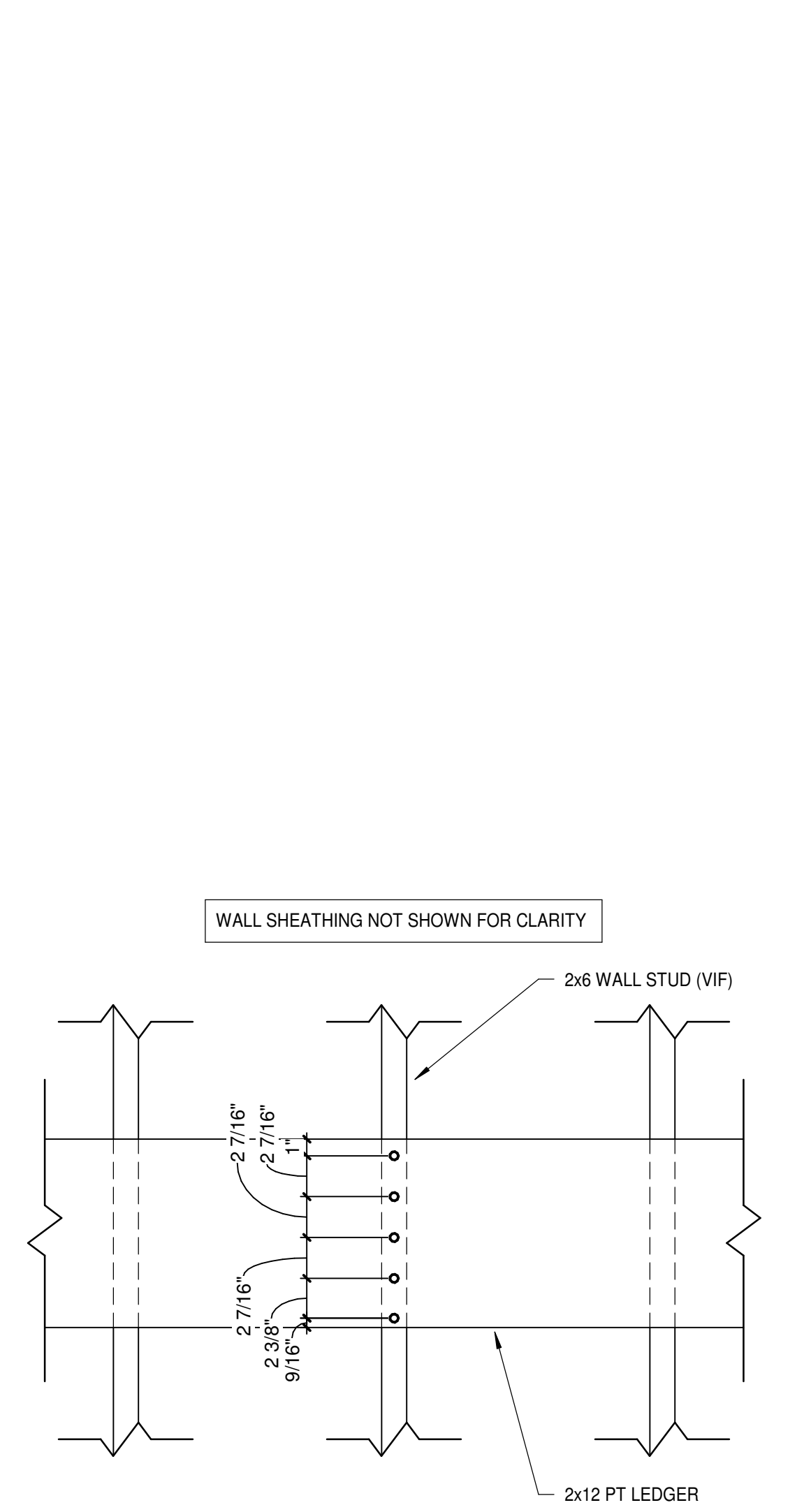
SECTION H13
1/2" = 1'-0"



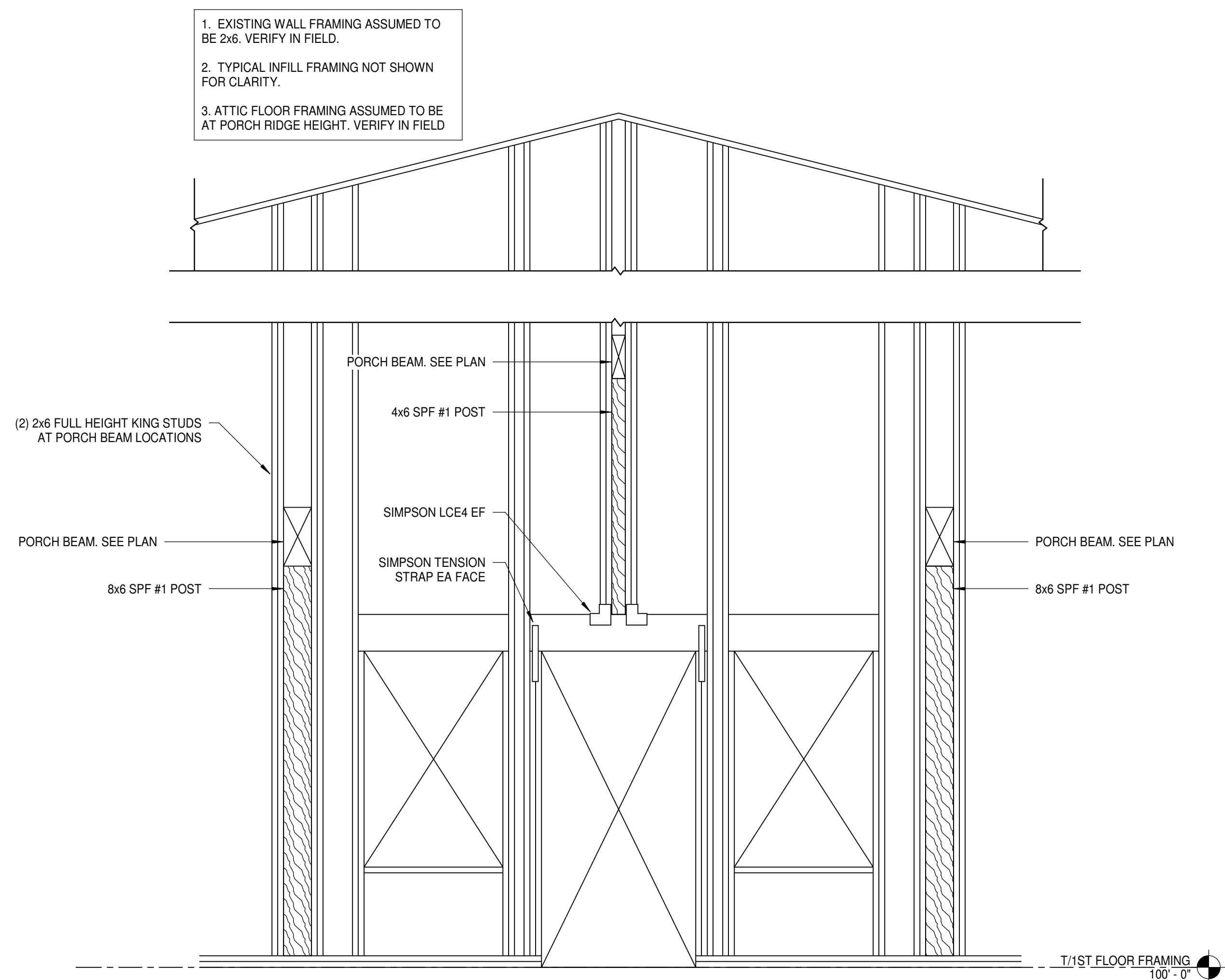
SECTION H8
1/2" = 1'-0"



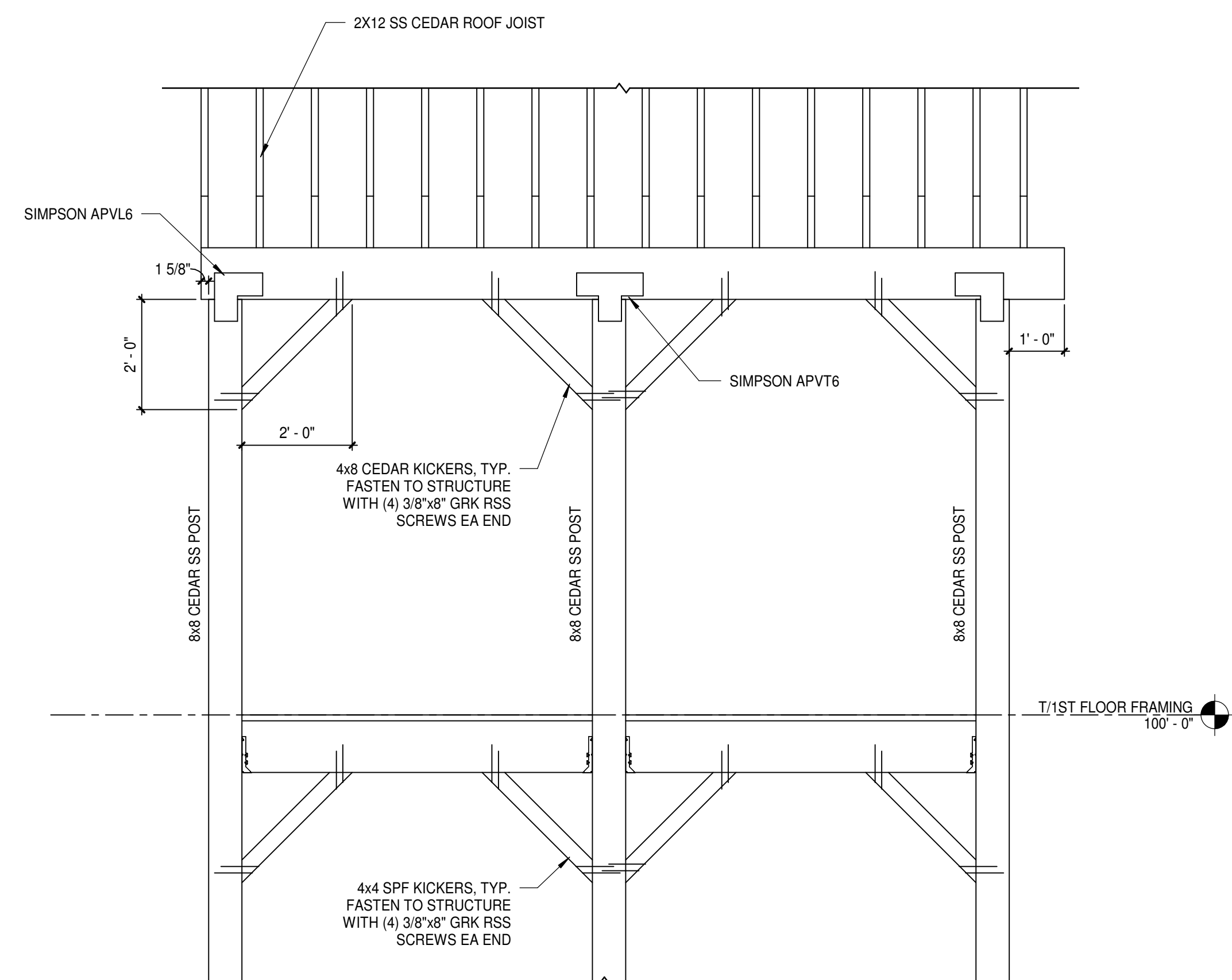
SECTION H1
1/2" = 1'-0"



DETAIL A14
1 1/2" = 1'-0"



SECTION A7
1/2" = 1'-0"

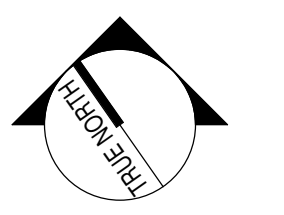


SECTION A1
1/2" = 1'-0"

REV	DESCRIPTION	DATE
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07-14-23

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MILLINOCKET, MAINE

FRAMING SECTIONS AND DETAILS

SHEET TITLE:



SCALE: AS NOTED

PROJECT MANAGER: RSC

PROJECT NO: 23039

A/E OF RECORD: Checker

JOB CAPTAIN: RSC

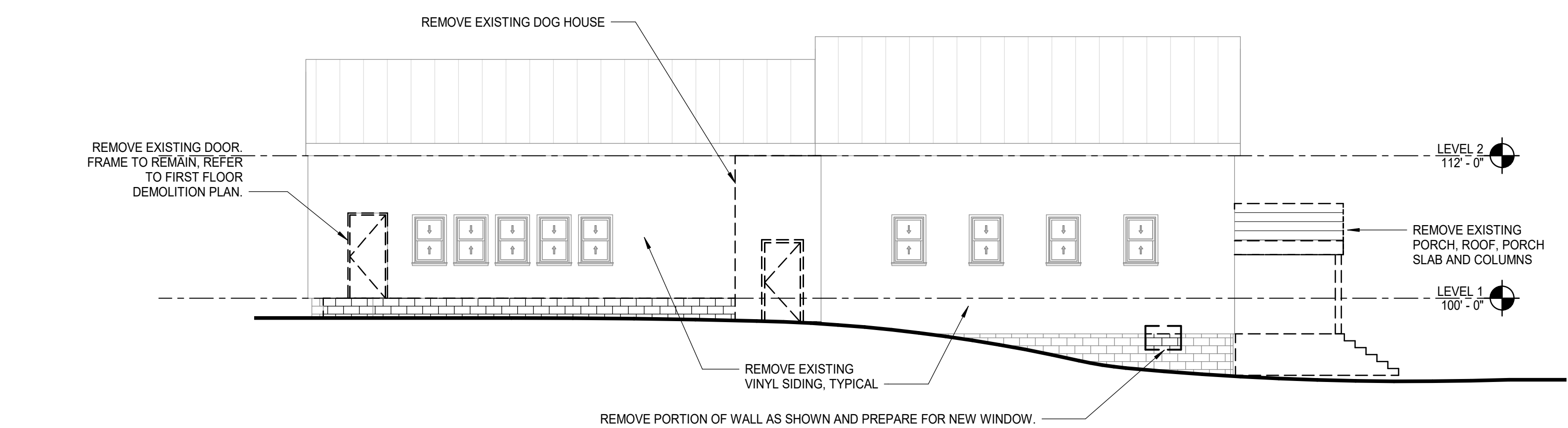
DRAWN BY: Author

SMRT FILE: SF502-23039

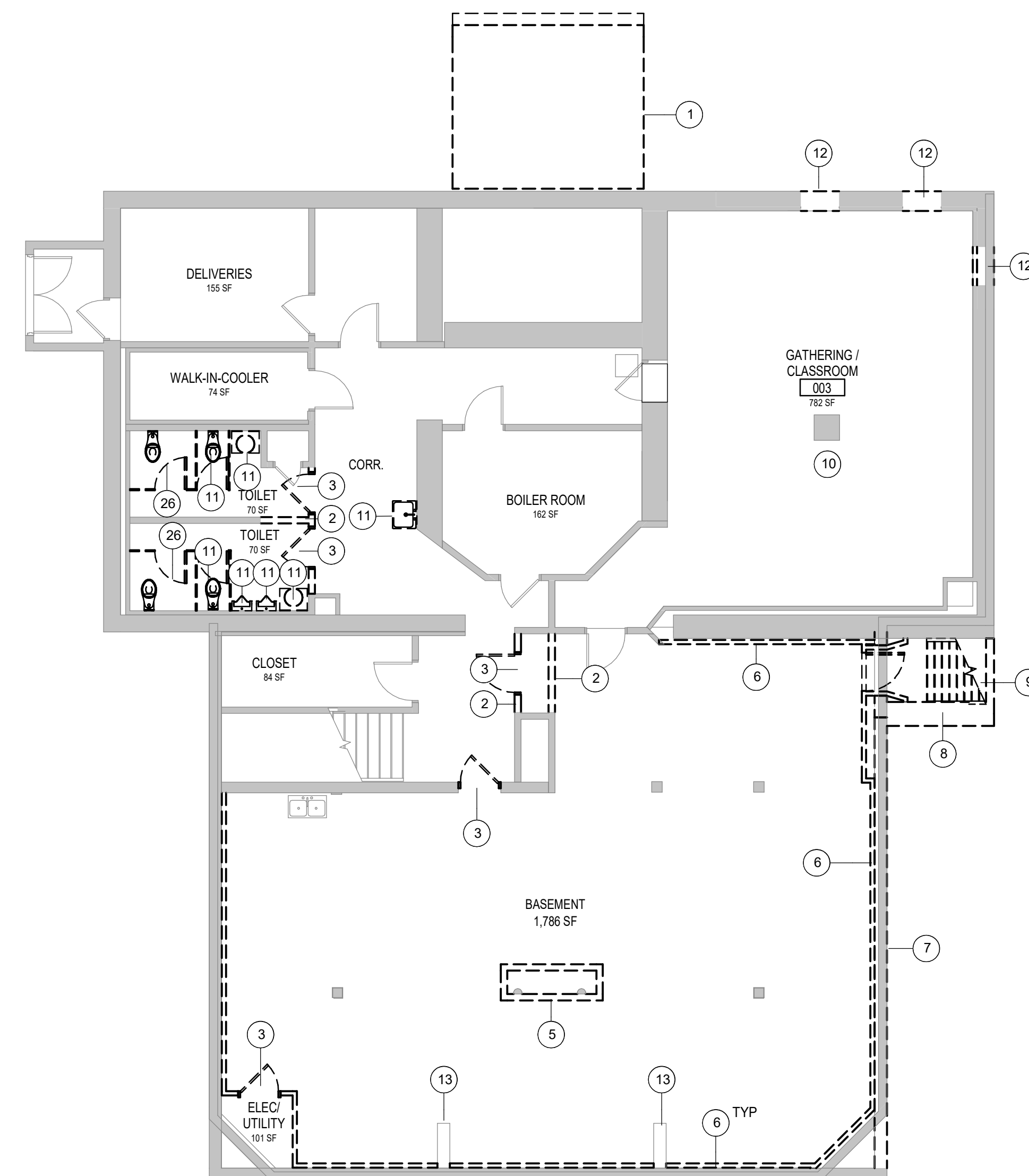
SHEET No.

SF502

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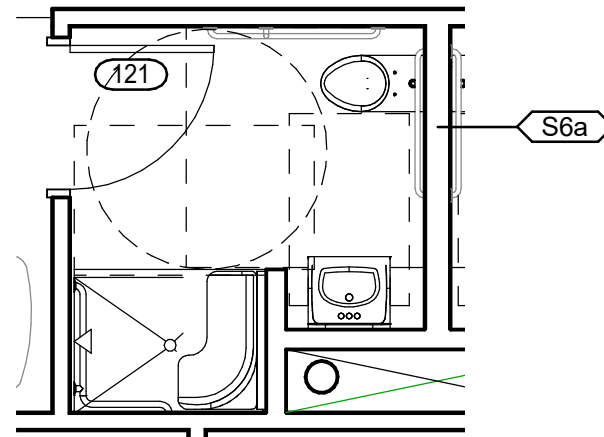


SOUTH EVELATION DEMOLITION $\frac{1}{8"} = 1'-0"$ A13

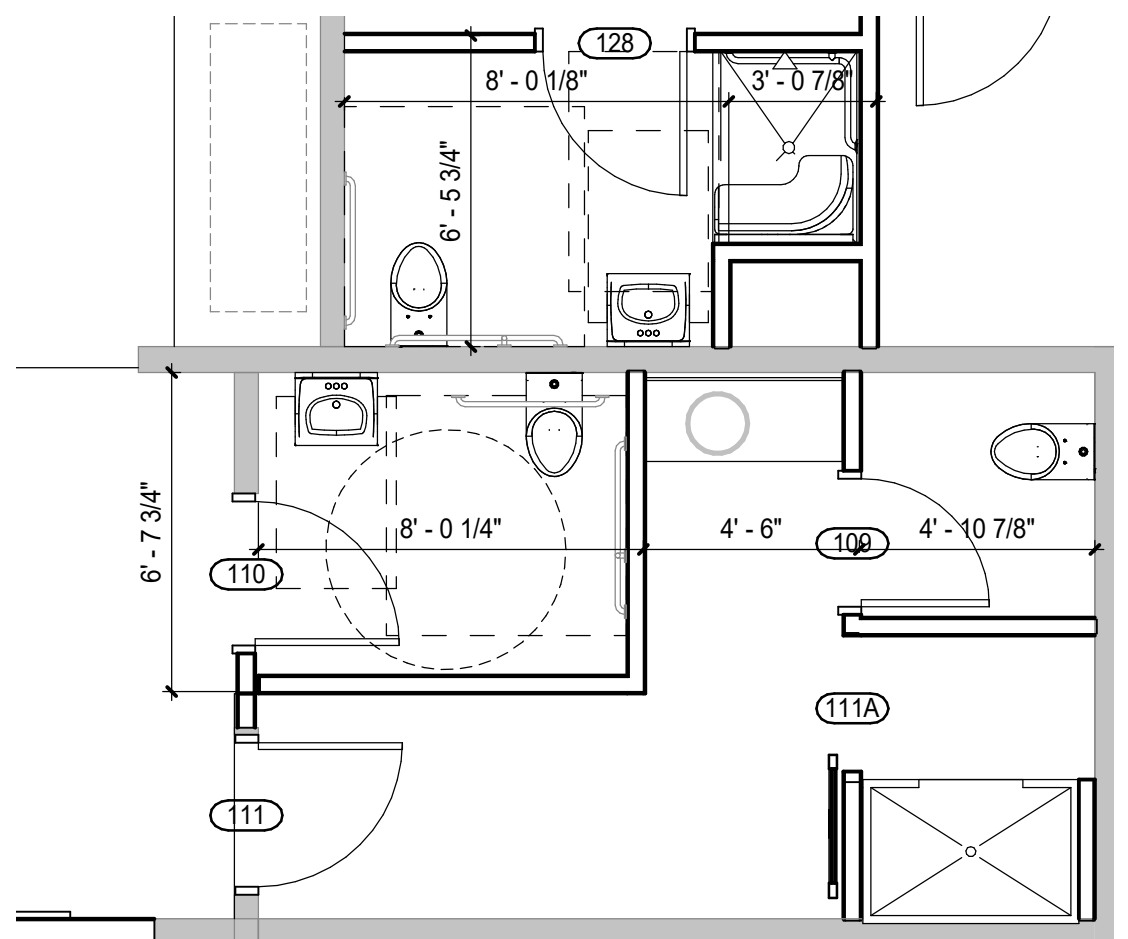


BASEMENT DEMO PLAN $1/8" = 1'-0"$ **A1**

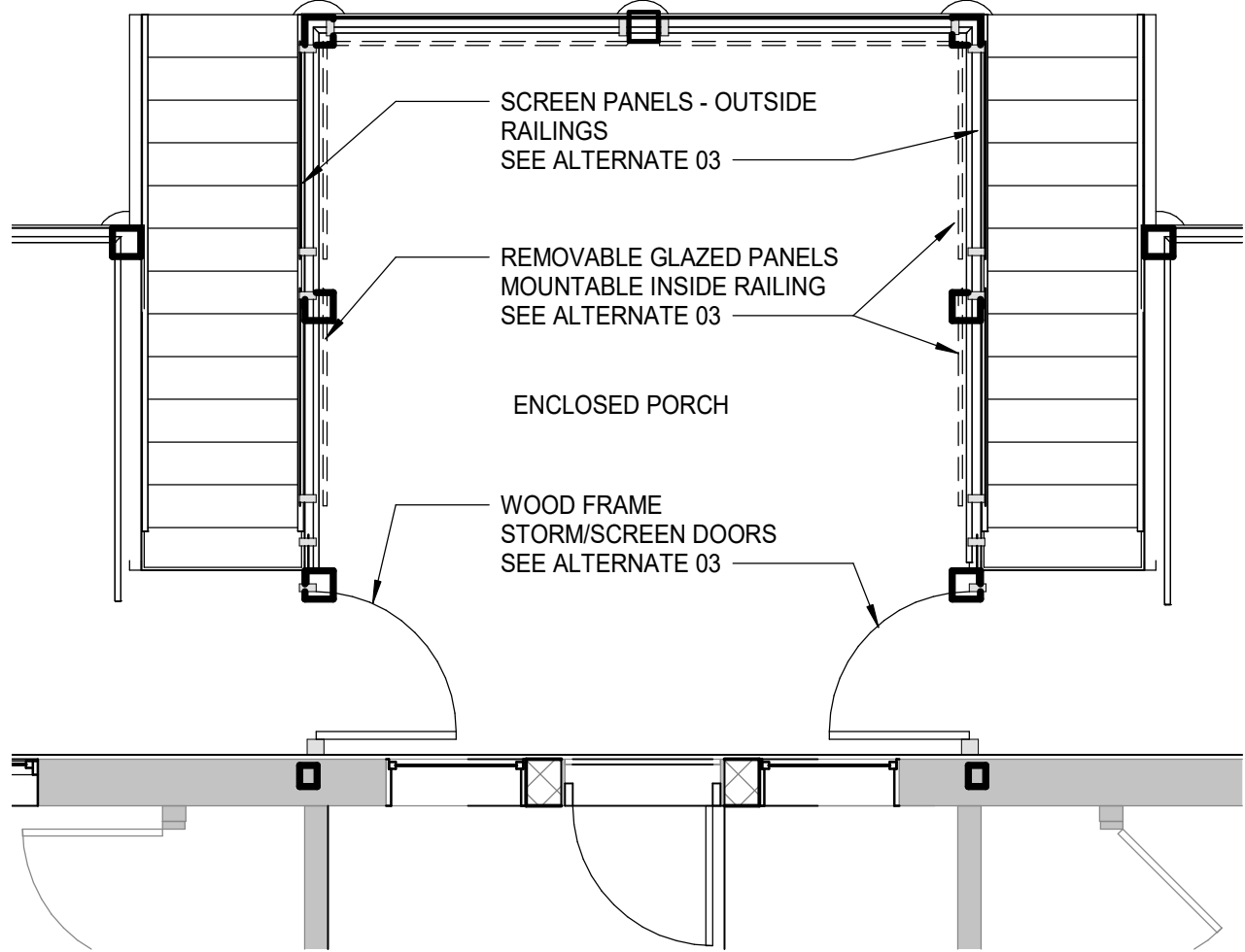
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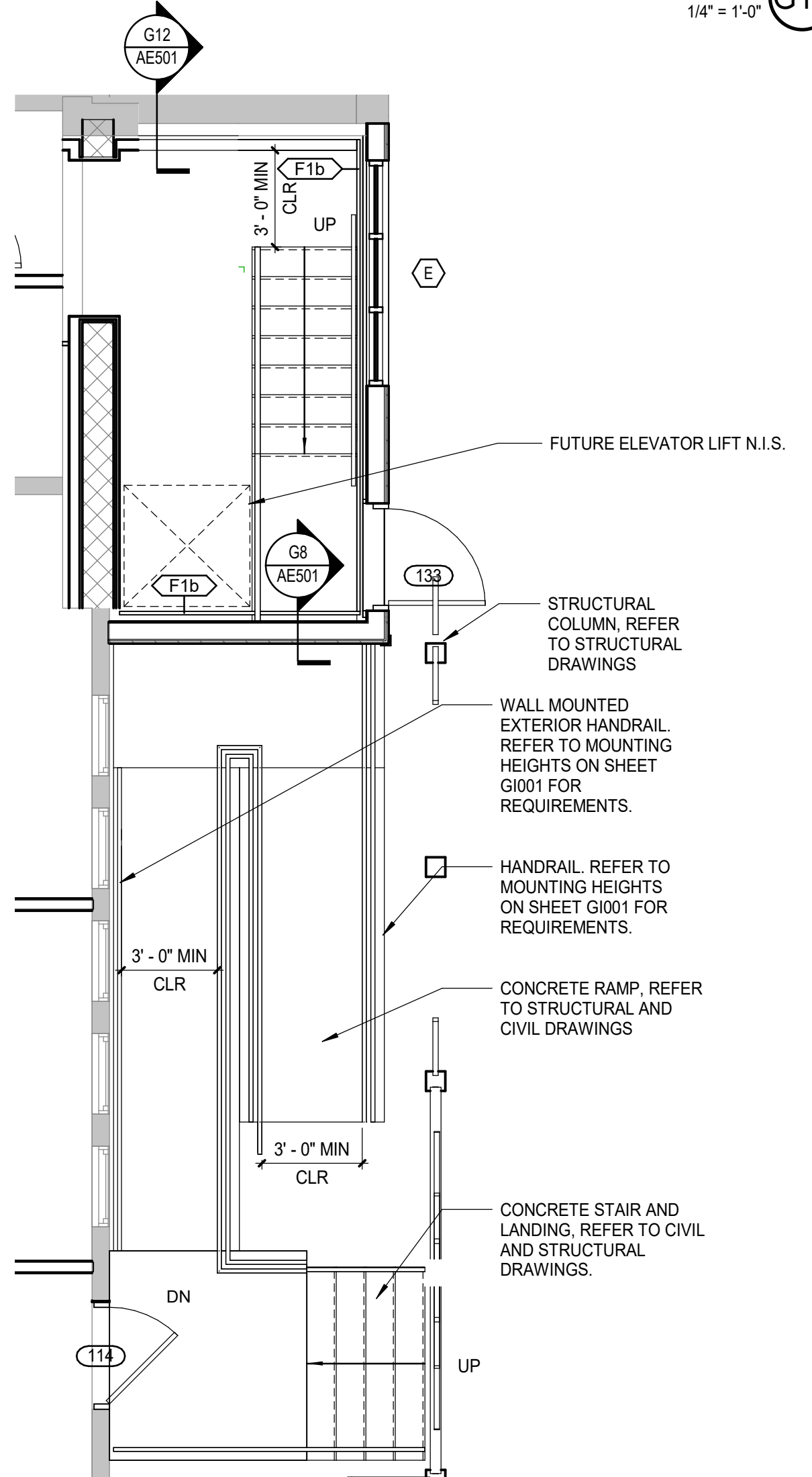
ENLARGED BATHROOM PLAN 1
1/4" = 1'-0"



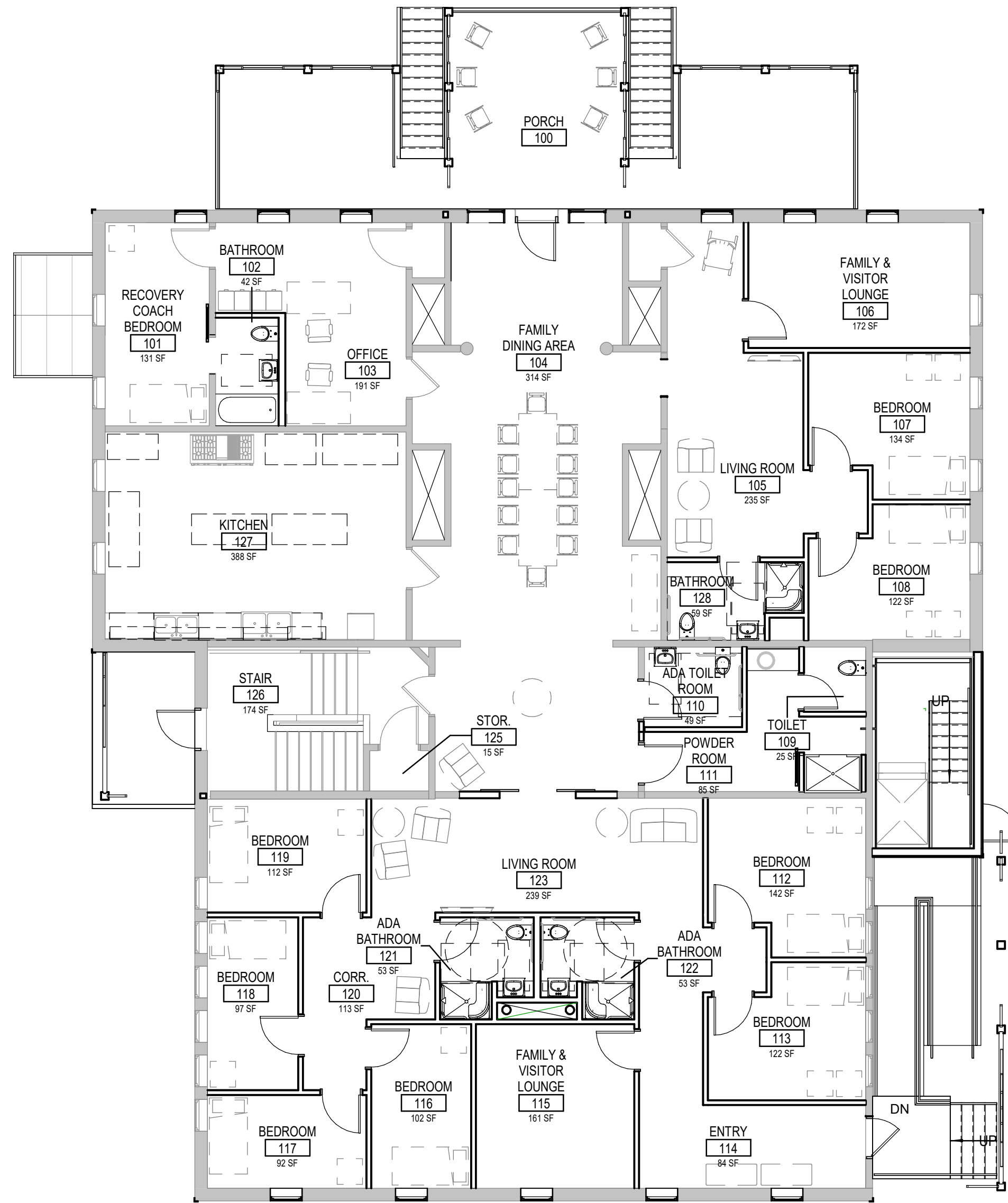
ENLARGED BATHROOM PLAN 2
1/4" = 1'-0"



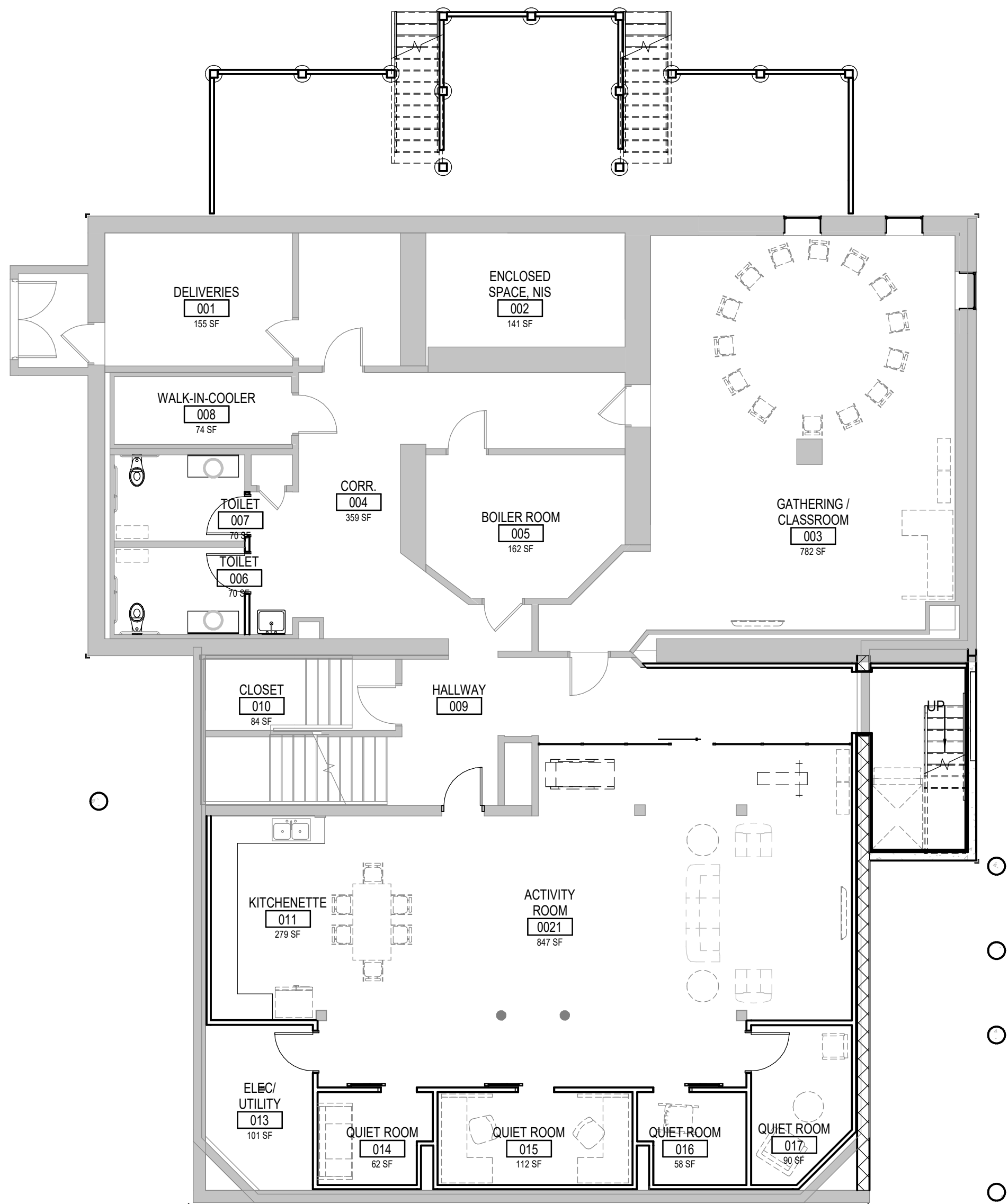
ALTERNATE 3 AT PORCH
1/4" = 1'-0"



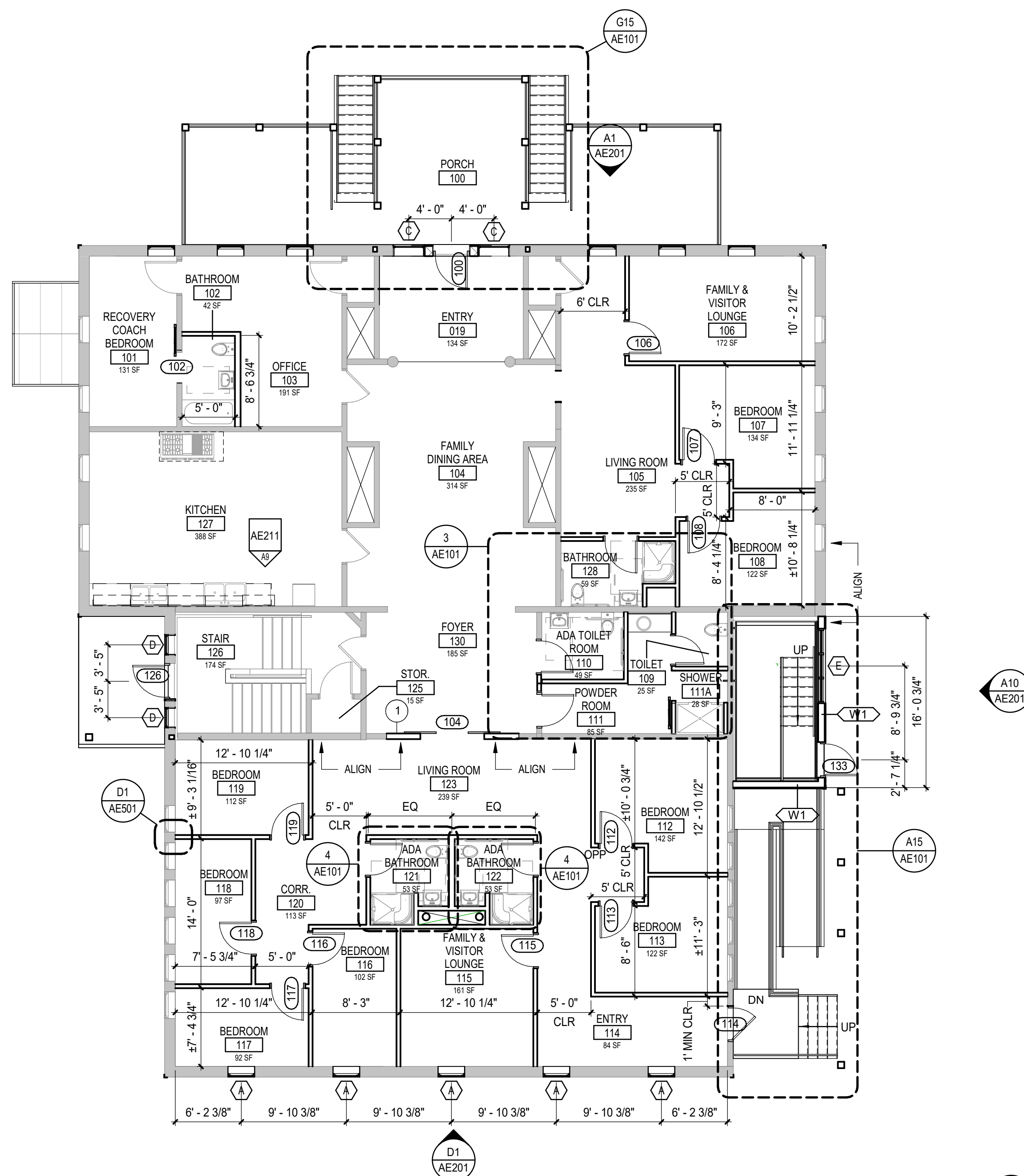
LEVEL 1 FLOOR PLAN
1/4" = 1'-0"



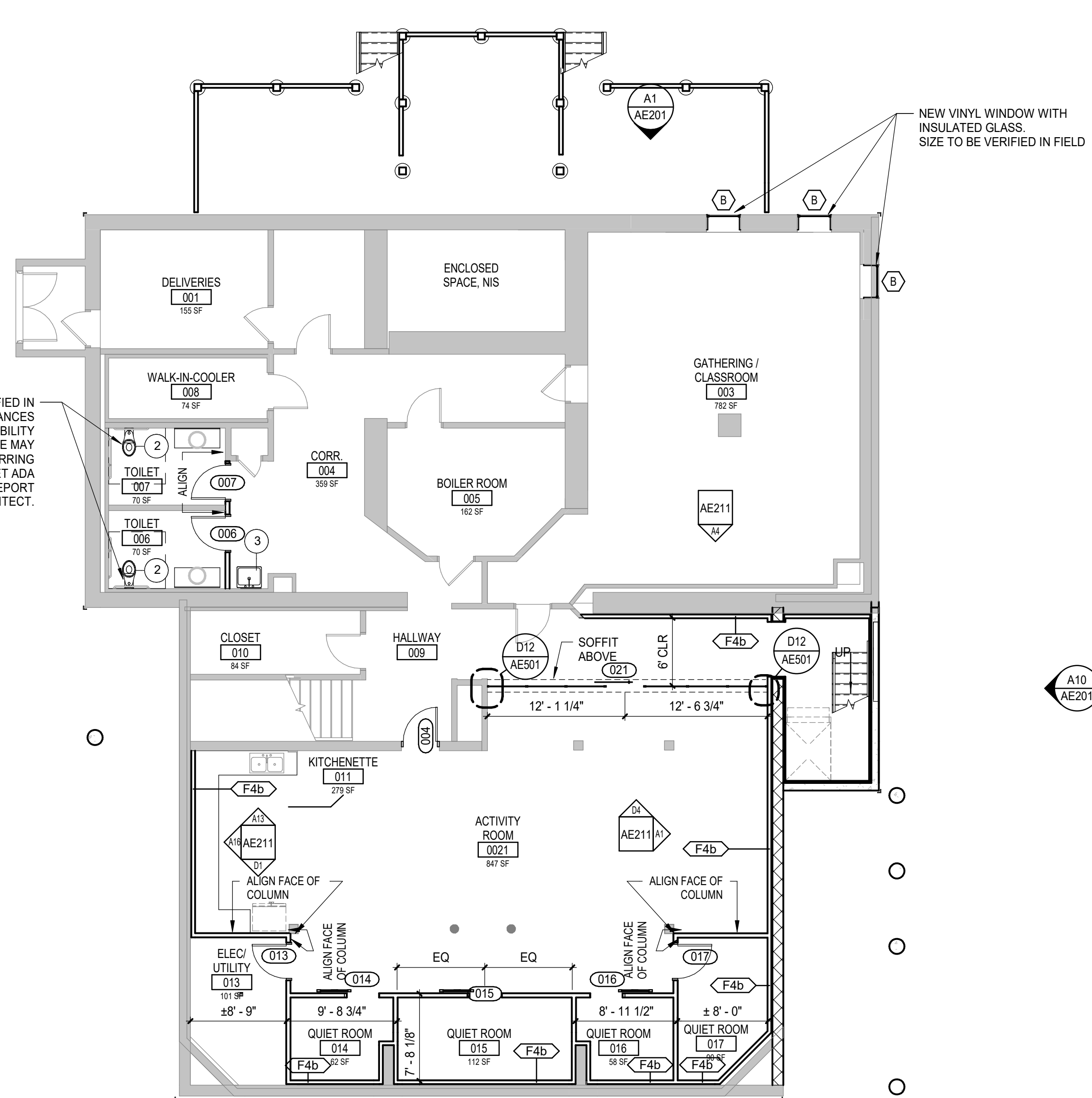
LEVEL 1-FURNITURE SUGGESTION PLAN FOR REFERENCE
1/8" = 1'-0"



BASEMENT-FURNITURE SUGGESTION PLAN FOR REFERENCE
1/8" = 1'-0"



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



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

PLAN NOTES:

- SEE G101 FOR GENERAL PROJECT NOTES, LEGENDS AND ABBREVIATIONS.
- SEE G102 FOR GENERAL MOUNTING HEIGHTS, TOP OF WALL DETAILS AND PARTITION TYPES.
- CONTRACTOR IS RESPONSIBLE FOR REVIEWING CODE COMPLIANCE PLANS AND NOTIFYING THE ARCHITECT OF CONFLICTS BETWEEN WHAT IS IN THE FIELD AND ON THE CODE DOCUMENTS.
- DIMENSIONS ARE FACE OF CONCRETE, FACE OF MASONRY AND FACE OF STUD AND FACE OF EXISTING WALLS TO REMAIN, UNLESS NOTED OTHERWISE.
- DOOR JAMBS (HINGE SIDE) SHALL BE 6" FROM CORNER IN STUD PARTITIONS AND 8" FROM CORNER IN MASONRY PARTITIONS UNLESS NOTED OTHERWISE.
- REFER TO DETAILS FOR ADDITIONAL DIMENSIONING INFORMATION.
- REFER TO ENLARGED PLANS FOR PARTITION TYPES AND DIMENSIONS IN AREAS WHICH ARE DETAILED AT A LARGER SCALE.
- FURNITURE AND OWNER PROVIDED EQUIPMENT ARE INDICATED BY DASHED LINE TYPE.
- CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF OWNER PROVIDED EQUIPMENT INCLUDING BUT NOT LIMITED TO DIMENSIONAL INFORMATION, AND MECHANICAL, ELECTRICAL AND PLUMBING REQUIREMENTS.
- CENTER FLOOR DRAINS IN SPACE UNLESS INDICATED OTHERWISE.

FLOOR PLAN KEYNOTES

- | Key Value | Keynote Text |
|-----------|--|
| 1 | NEW WALL SHOULD MATCH CONSTRUCTION TYPE AND THICKNESS OF EXISTING WALL TO REMAIN AND SHOULD PROVIDE A FLUSH AND SEAMLESS TRANSITION BETWEEN NET WALL AND EXISTING. |
| 2 | NEW FURNITURE AT EXISTING PLUMBING. |
| 3 | RELOCATED SALVAGED MOP SINK. |

0	ISSUE FOR CONSTRUCTION	07-14-23
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ISSUE FOR CONSTRUCTION
07-14-23

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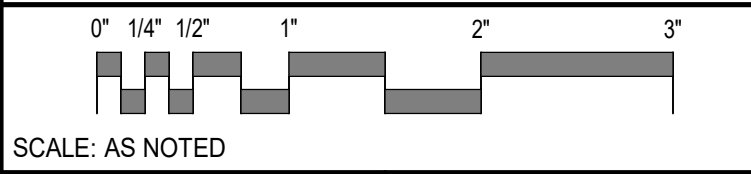
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WABANAKI PUBLIC HEALTH
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FLOOR LOCATION

FLOOR AND FURNITURE
SUGGESTION PLANS

SHEET TITLE:

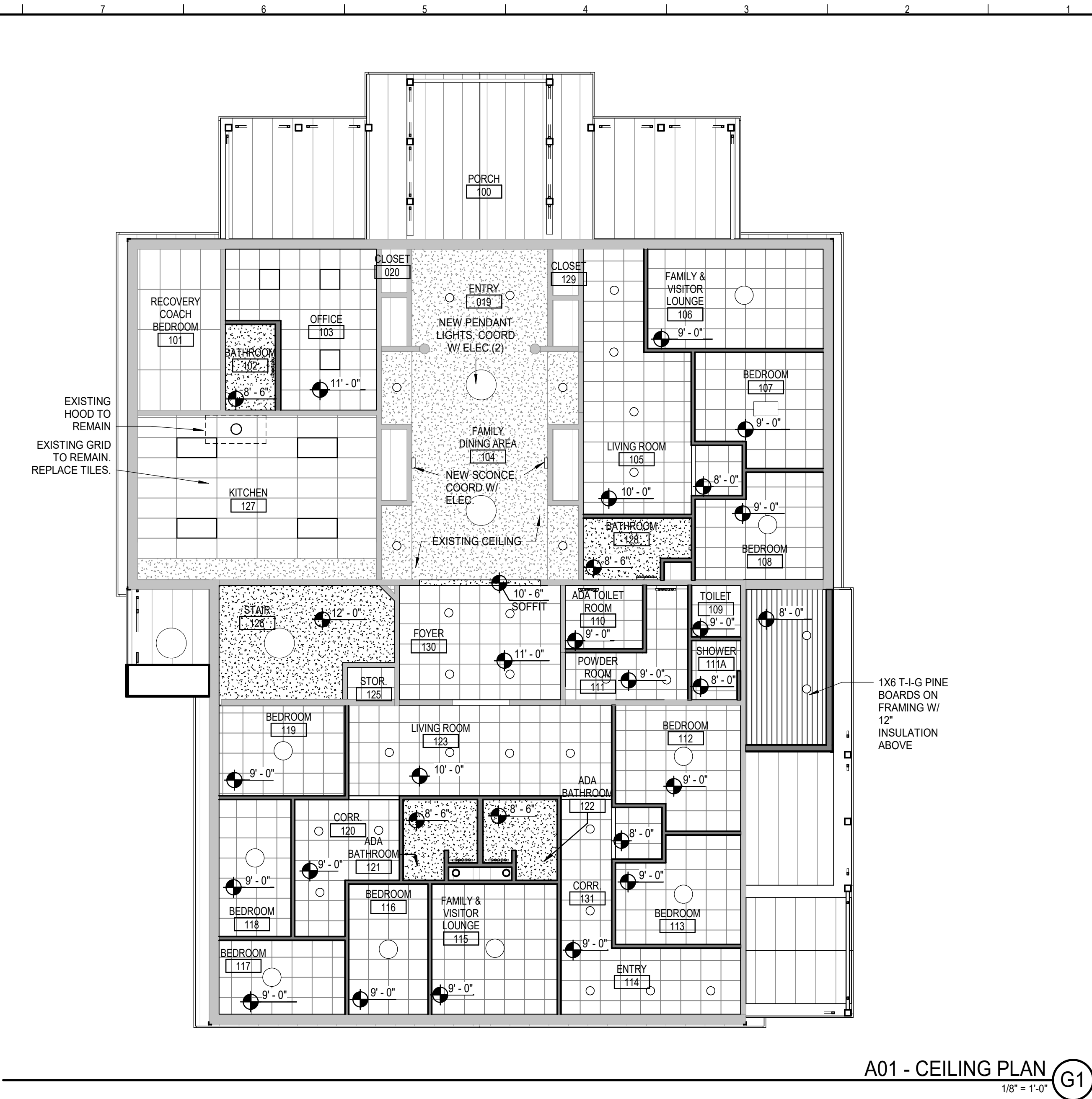
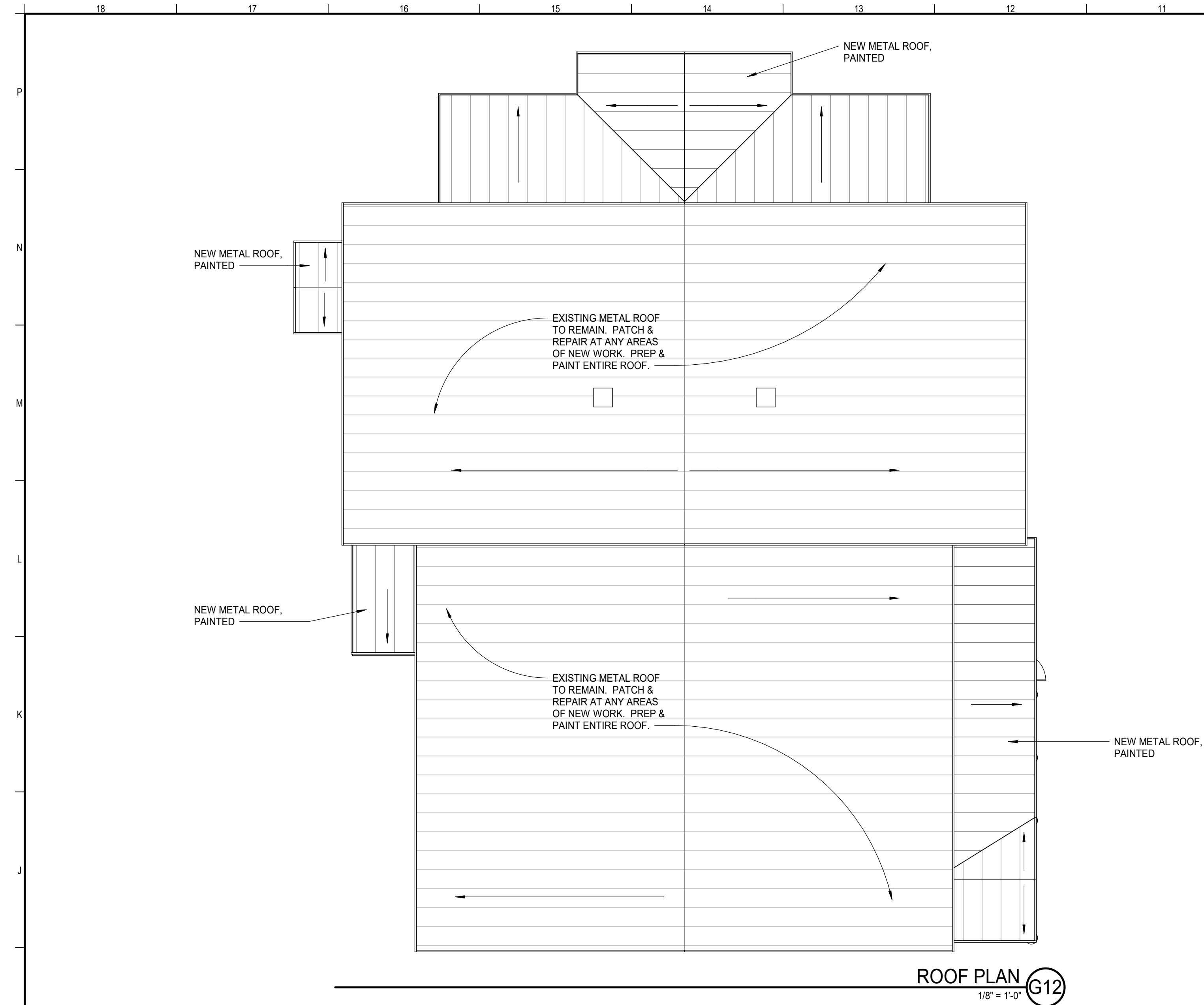


SCALE: AS NOTED

APPROVED BY:	RSC	PROJECT NO:	23039
DESIGNED BY:	RSC		
CHECKED BY:	ACL		
DRAWN BY:	ACL		

AE101

SMRT FILE: AE101-23039 SHEET No. 03/03/2023 03/03/2023



CEILING NOTES:

- SEE G1001 FOR GENERAL PROJECT NOTES.
- SEE FINISH SCHEDULE FOR CEILING AND CEILING GRID TYPES.
- EXCEPT WHERE INDICATED, CENTER CEILING GRIDS IN ROOMS. USE HALF TILES OF GREATER @ PERIMETERS WHEN POSSIBLE.
- ALIGN CEILING ITEMS AS SHOWN, WITH COMMON CENTERLINES TYPICALLY. CENTER ITEMS IN CEILING, OR IN AREAS UNLESS INDICATED OTHERWISE.
- WHERE REGULAR OR BEVELED TILE IS USED, PAINT ALL CUT EDGES TO MATCH.
- CAULK JOINT BETWEEN CEILING GRID (WALL ANGLE) AND WALL WHERE GAPS ARE LARGER THAN 1/8" OR GREATER.
- PROVIDE ACCESS PANELS AS REQUIRED IN GWS CEILINGS FOR ACCESS AS REQUIRED BY ALL TRADES.
- FIRE SPRINKLERS SHALL BE CENTERED IN CEILING TILE OR HALF TILE AS SHOWN. FIRE SPRINKLERS SHALL BE LOCATED IN ALIGNMENT WITH OTHER CEILING ITEMS AND SHALL BE PLACED IN COORDINATION WITH LIGHT FIXTURE POSITIONS INDICATED, TYPICAL.
- FIRE SPRINKLERS ARE SHOWN FOR COORDINATION PURPOSES ONLY. ADDITIONAL SPRINKLER HEADS MAY BE REQUIRED FOR CODE COMPLIANCE, AS DETERMINED BY THE FIRE PROTECTION DESIGNER. SPRINKLERS ARE NOT SHOWN IN ALL AREAS WHERE REQUIRED. FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE AND FULLY CODE COMPLIANT SYSTEM, INCLUDING HEADS NOT INDICATED IN THIS DRAWING. SIDEWALL MOUNT SPRINKLER HEADS UNDER BALCONIES ARE NOT SHOWN IN THE CEILING PLANS.
- SEE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- WHERE ARCHITECTURAL DRAWINGS DEPICT MECHANICAL OR ELECTRICAL ITEMS OR EQUIPMENT (LIGHTS, DIFFUSERS, ETC.), INSTALLATION OF SUCH ITEMS SHALL BE COORDINATED WITH EACH RESPECTIVE TRADE SUB-CONTRACTOR.
- WHERE DRAWINGS DO NOT ACCESS INSTALLATION METHODOLOGY, THE CONTRACTOR SHALL BE BOUND TO PERFORM IN STRICT COMPLIANCE WITH THE MANUFACTURER'S SPECIFICATIONS, AND STANDARD INDUSTRY STANDARDS.
- CONTRACTOR TO COORDINATE ANY BLOCKING OR STRUCTURAL SUPPORT ABOVE THE CEILING FOR OWNER PROVIDED EQUIPMENT.

CEILING LEGEND:

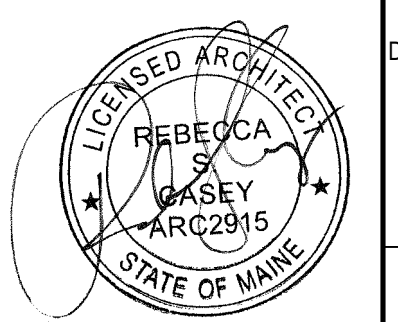
- 2x2 CEILING TILE AND GRID
- 2x4 CEILING TILE AND GRID
- GWB CEILING
- DOWN LIGHT
- 2x4 LIGHT FIXTURE
- PENDANT LIGHT, SEE ELECTRICAL
- FLUSH MOUNT
- SURFACE MOUNTED LIGHT, SEE ELECTRICAL
- WALL MOUNTED

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HOME; FAMILY & FRIENDS CENTER**

PROJECT LOCATION

**REFLECTED CEILING PLAN AND
ROOF PLAN**

SHEET TITLE:



SCALE: AS NOTED

APPROVED BY: RSC PROJECT NO: 23039

DESIGNED BY: RSC

CHECKED BY: ACL

DRAWN BY: ACL

SMRT FILE: AE111-23039 SHEET No. 23039

AE111

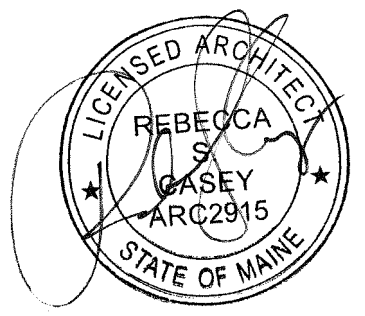
EXTERIOR ELEVATION NOTES:

1. REFER TO FIRE PROTECTION, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ALL RESPECTIVE FIXTURE/DEVICE LOCATIONS, COUNTS, & ASSOCIATED RECESSED BOXES AT EXTERIOR WALLS.
2. PROVIDE MASONRY CONTROL JOINTS AT ALL INSIDE MASONRY CORNERS AND WHERE SHOWN ON ELEVATIONS.

REV	DESCRIPTION	DATE
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07-14-23

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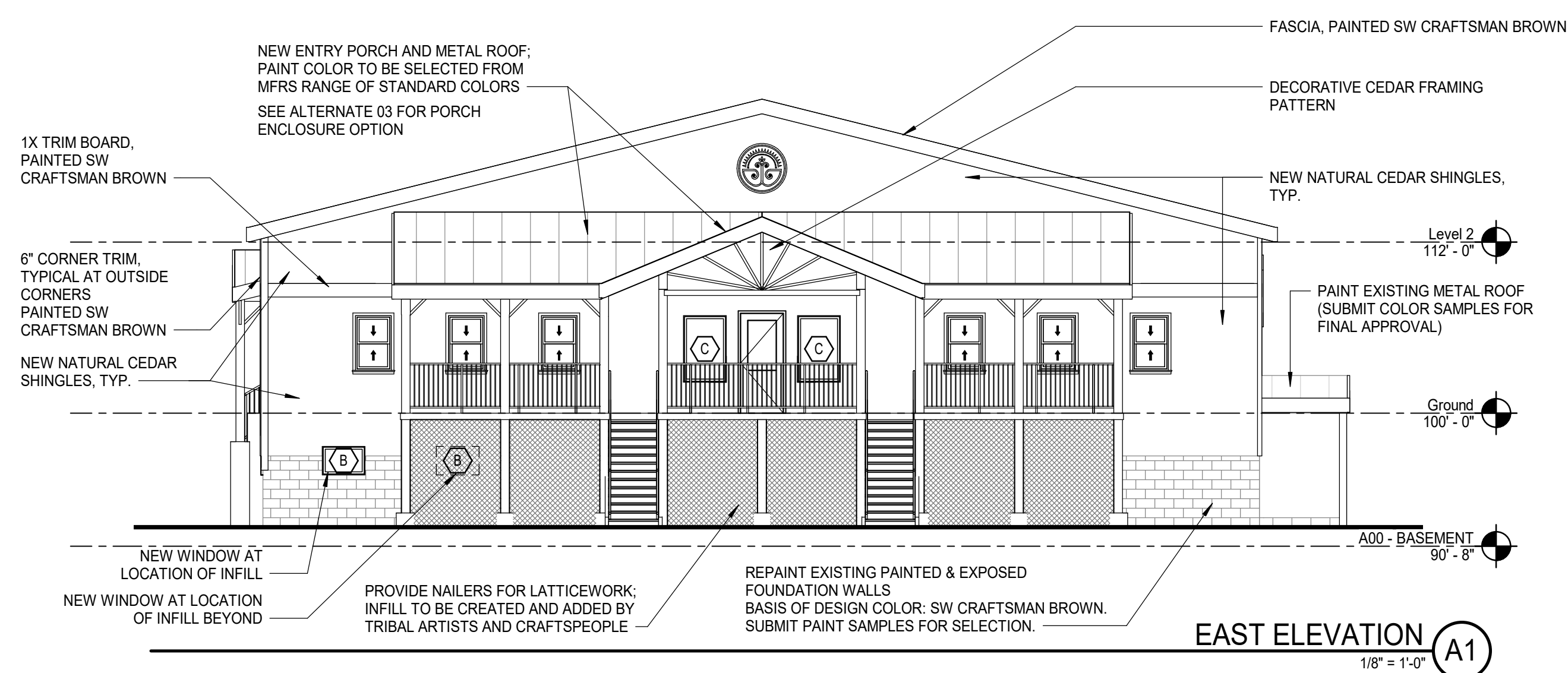
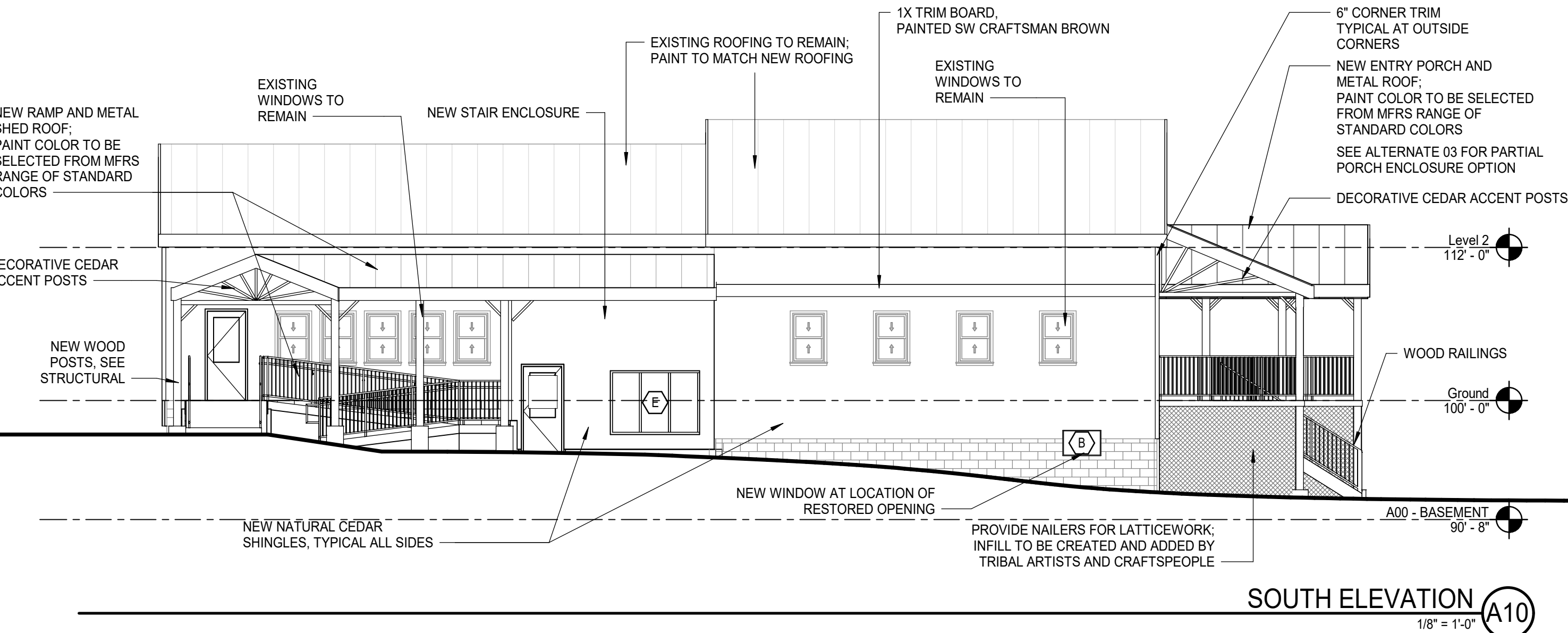
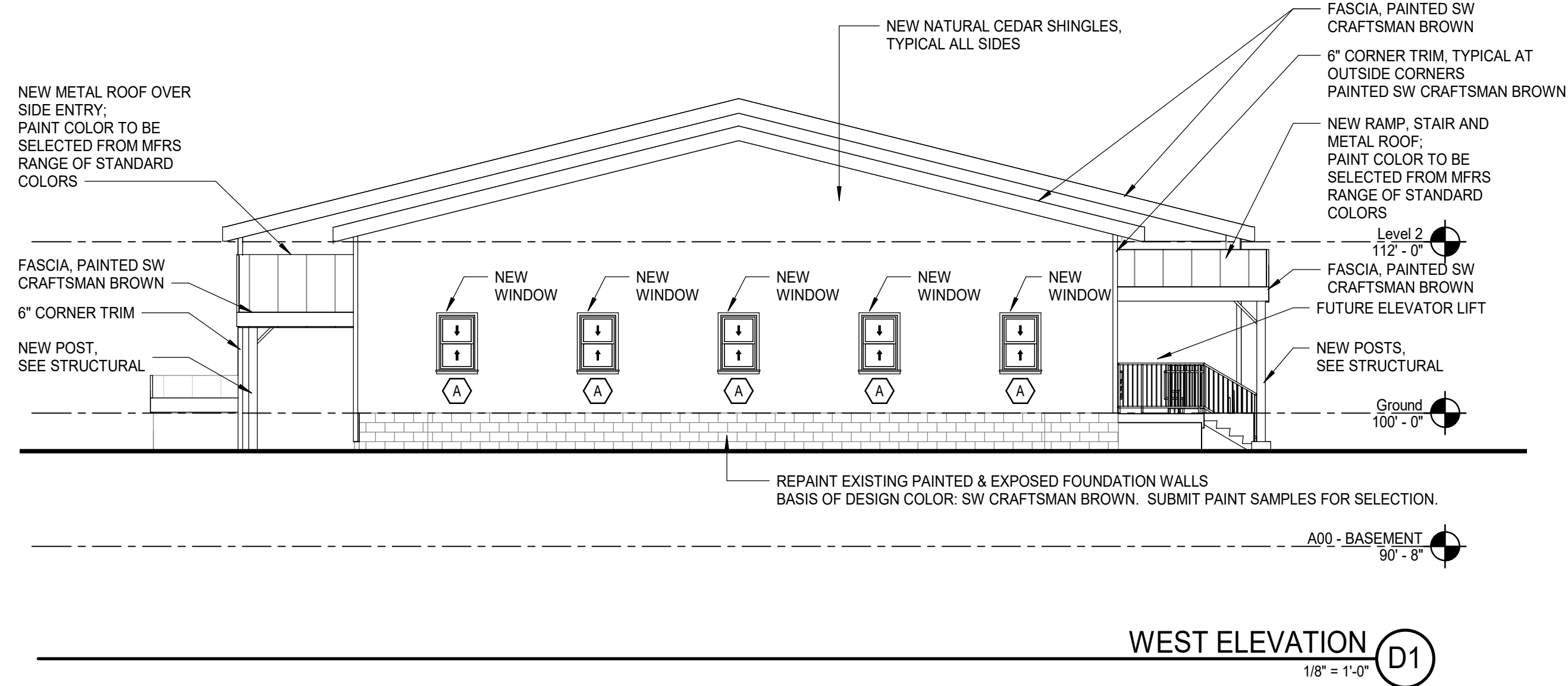
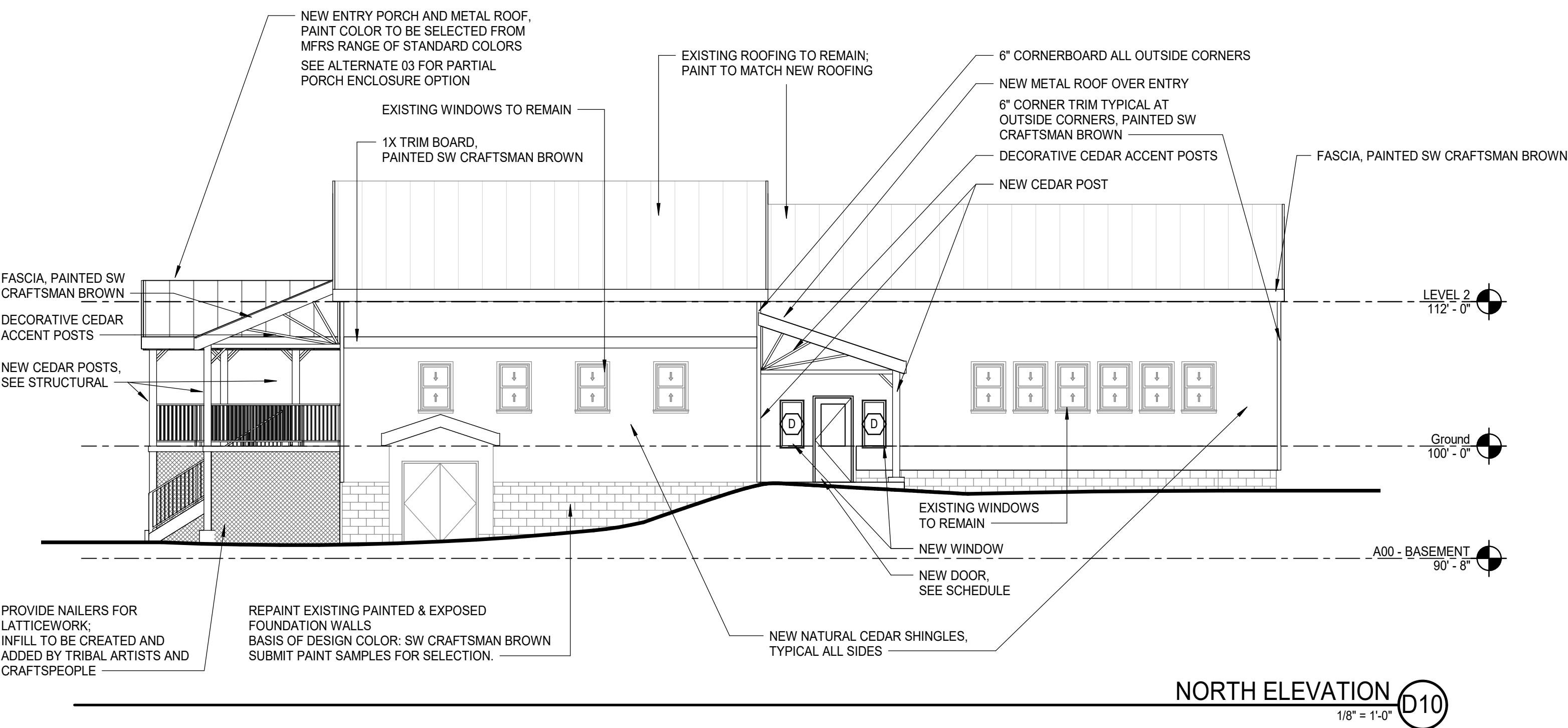
PROJECT LOCATION
EXTERIOR ELEVATIONS

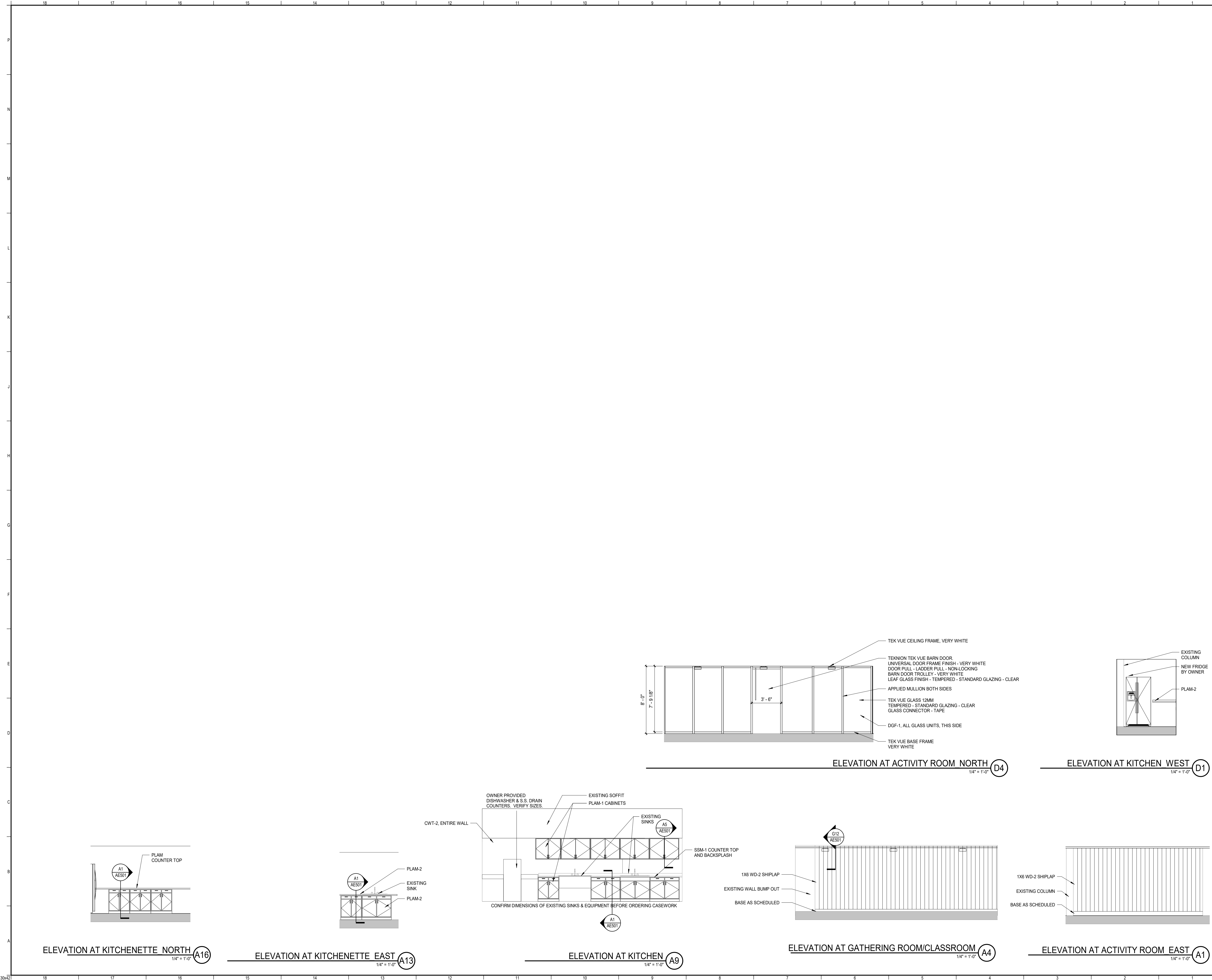
SHEET TITLE:



SCALE: AS NOTED

APPROVED BY:	RSC	PROJECT NO:	23039
DESIGNED BY:	RSC		
CHECKED BY:	ACL		
DRAWN BY:	ACL		
SMRT FILE:	AE201-23039	SHEET No.	AE201





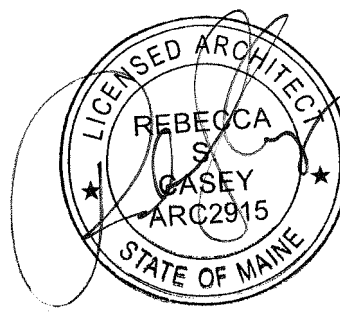
INTERIOR ELEVATION NOTES:

1. REFER TO INTERIOR FINISH PLAN FOR FINISH MATERIAL DESCRIPTIONS

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PROJECT LOCATION
INTERIOR ELEVATIONS

SHEET TITLE:



SCALE: AS NOTED

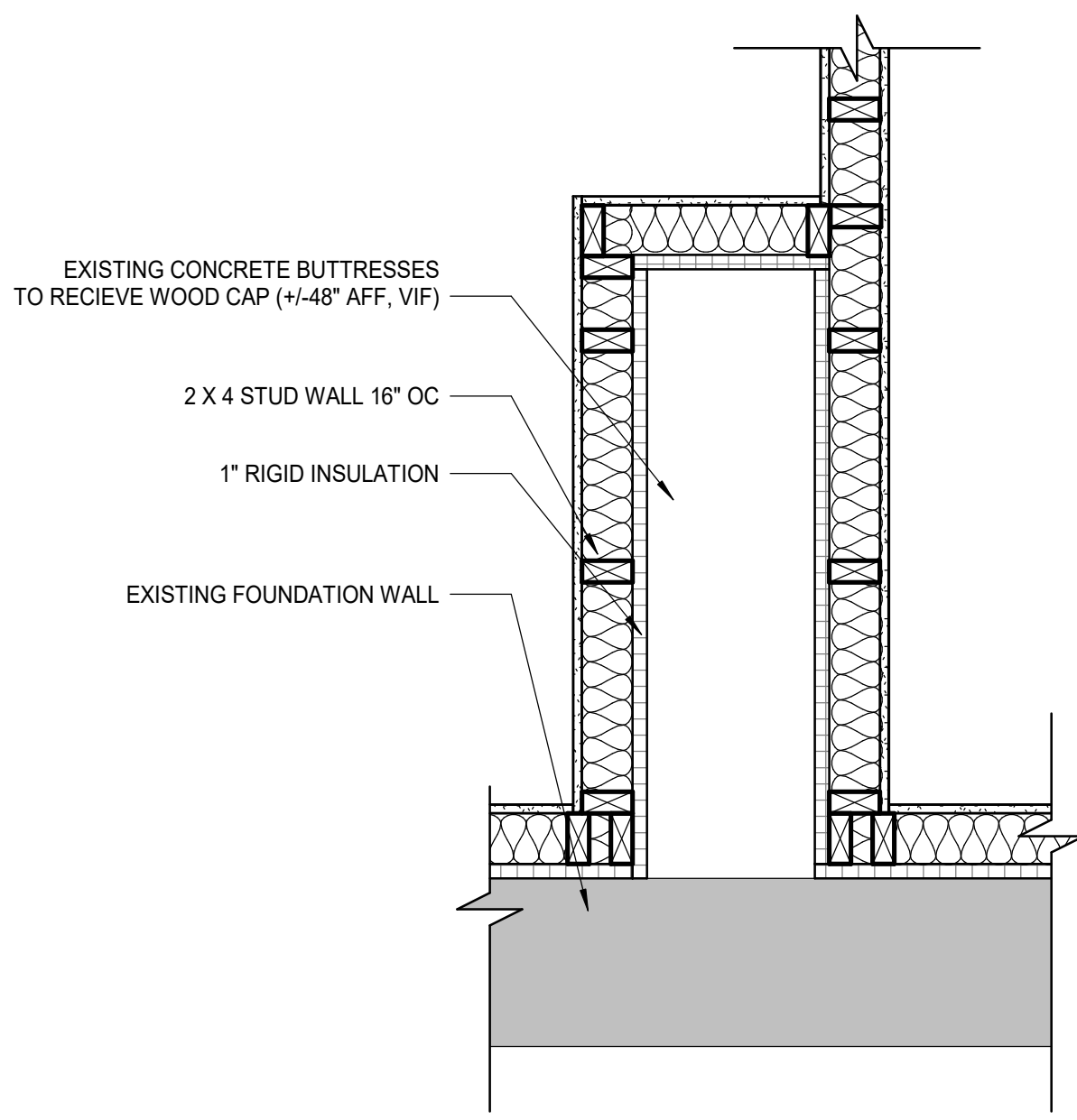
APPROVED BY: RSC PROJECT NO: 23039

DESIGNED BY: RSC

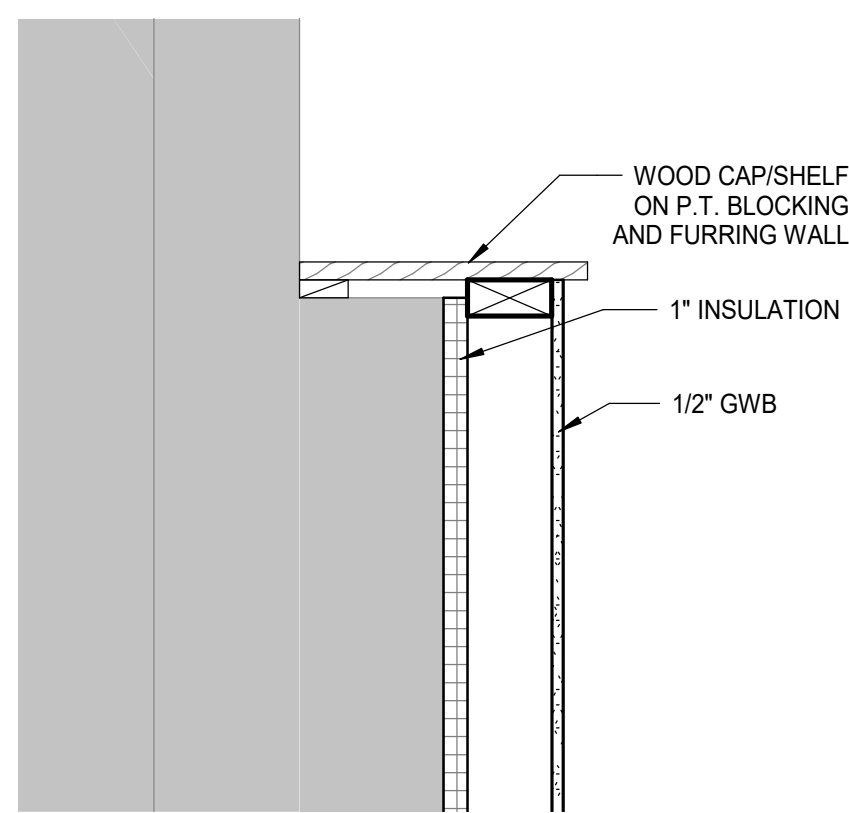
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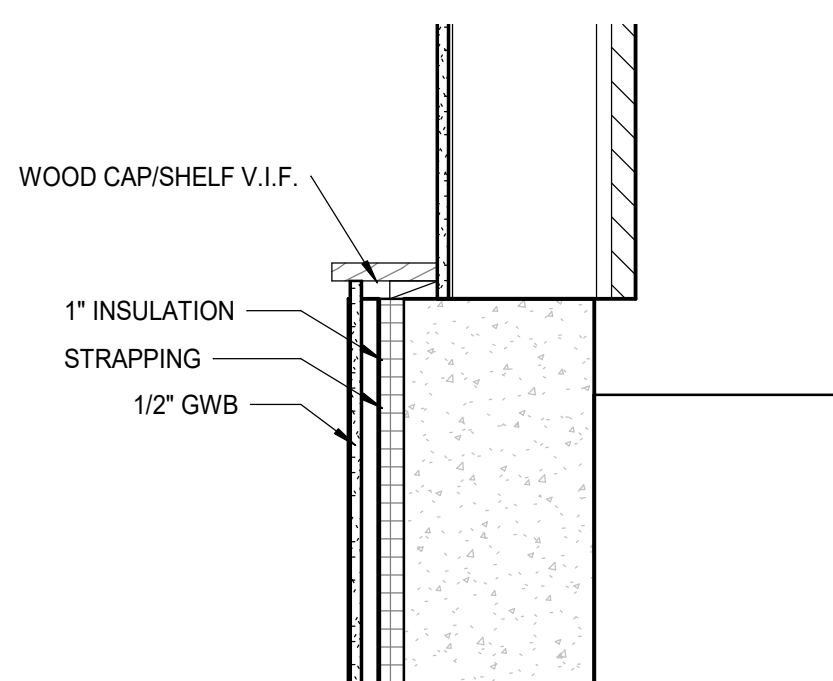
SMRT FILE: AE211-23039 SHEET No. **AE211**



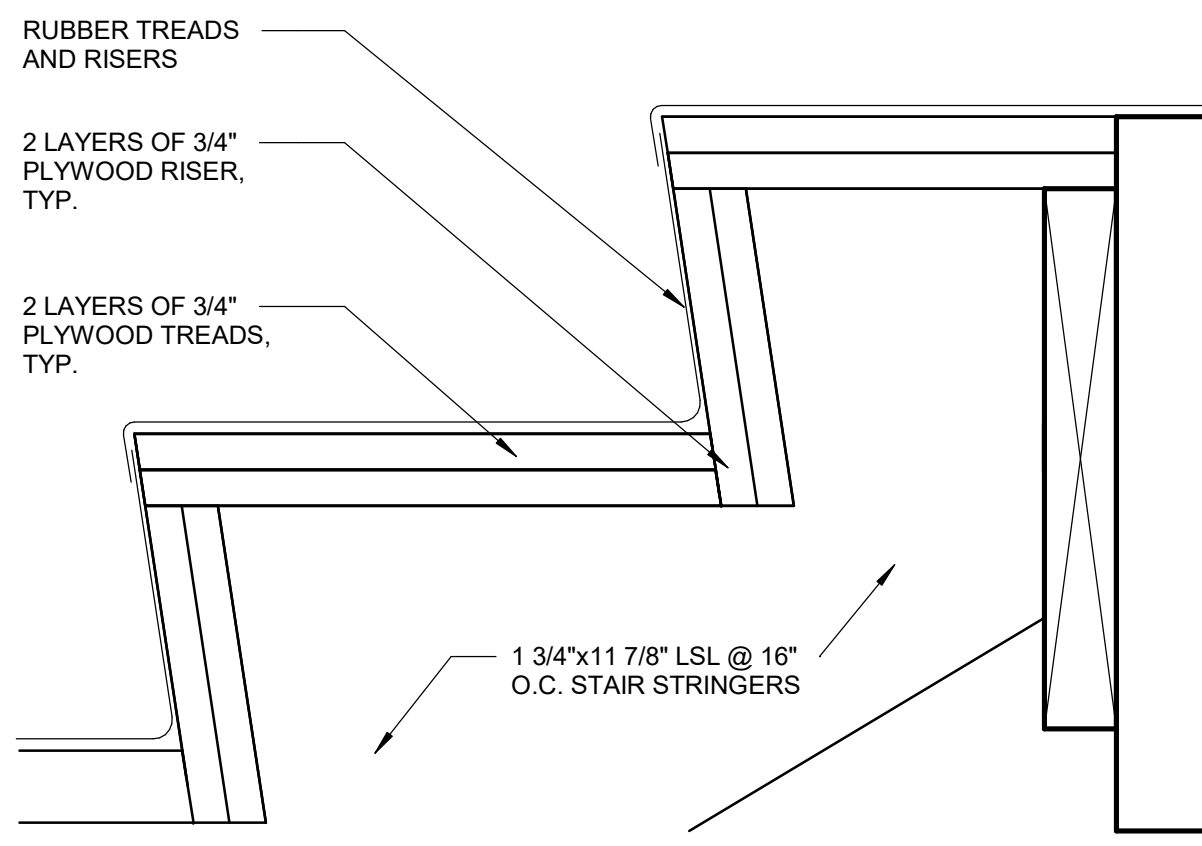
DETAIL at CONCRETE BUTTRESS (D14)
1" = 1'-0"



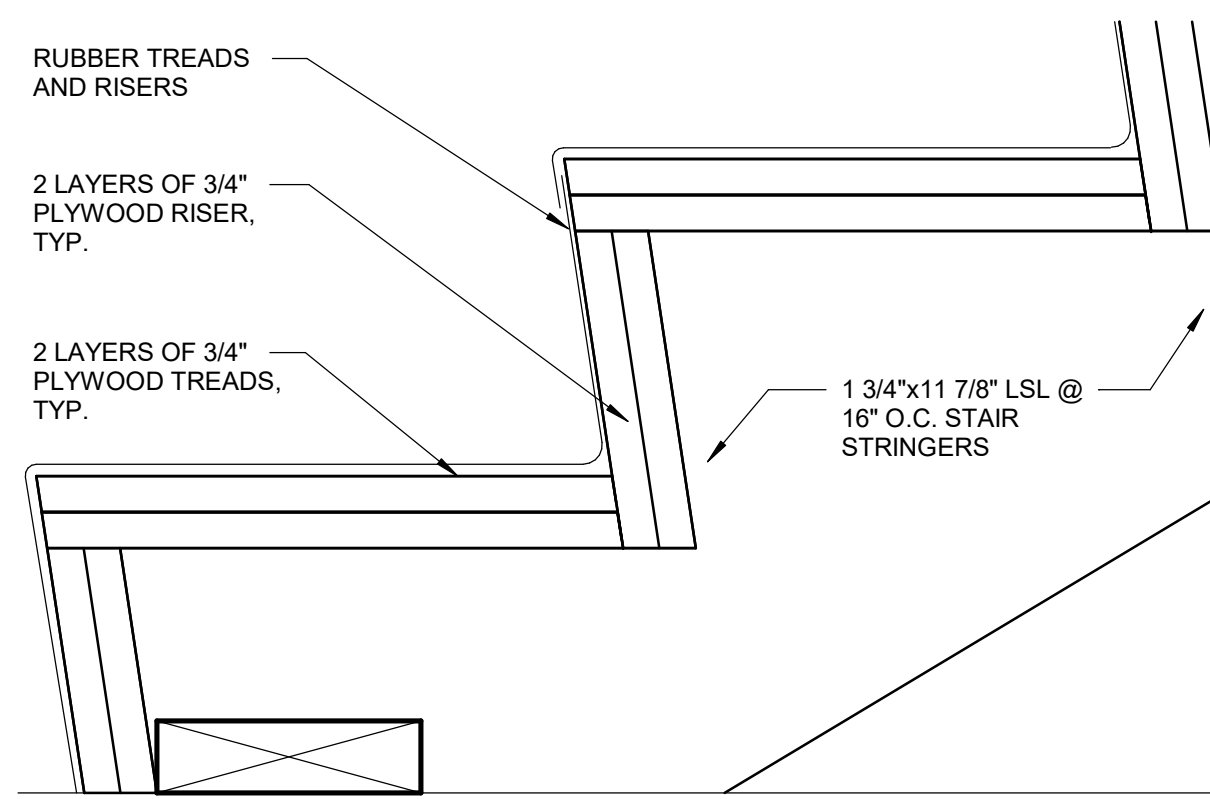
BASEMENT WALL SHELF DETAIL 3 (G12)
1 1/2" = 1'-0"



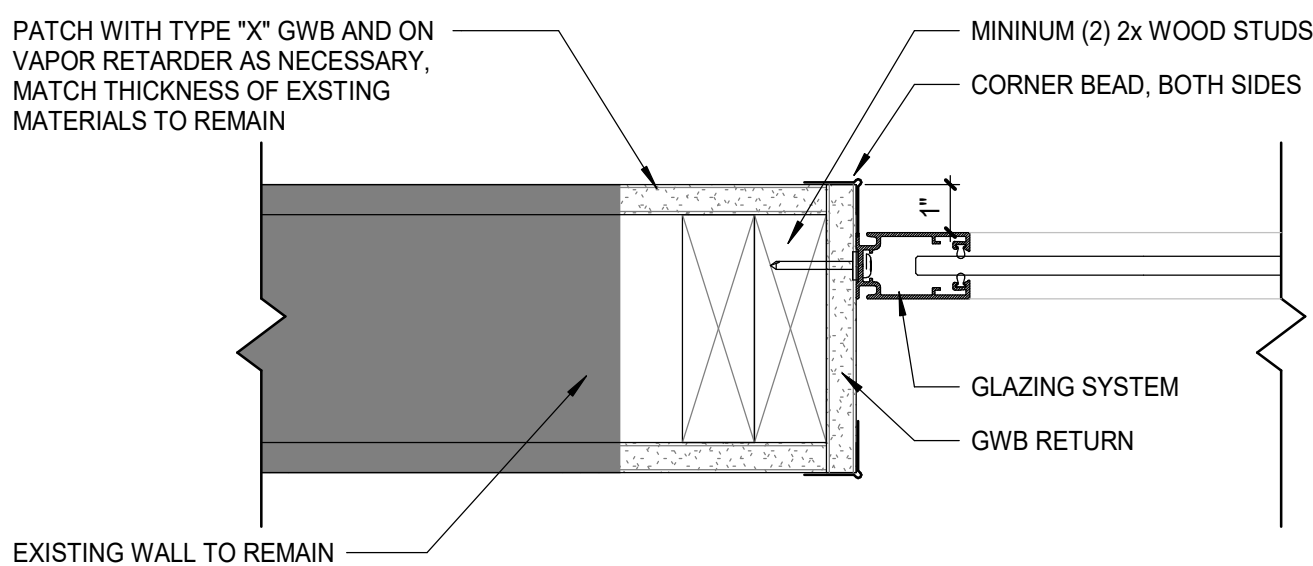
BASEMENT WALL SHELF DETAIL 2 (G8)
1 1/2" = 1'-0"



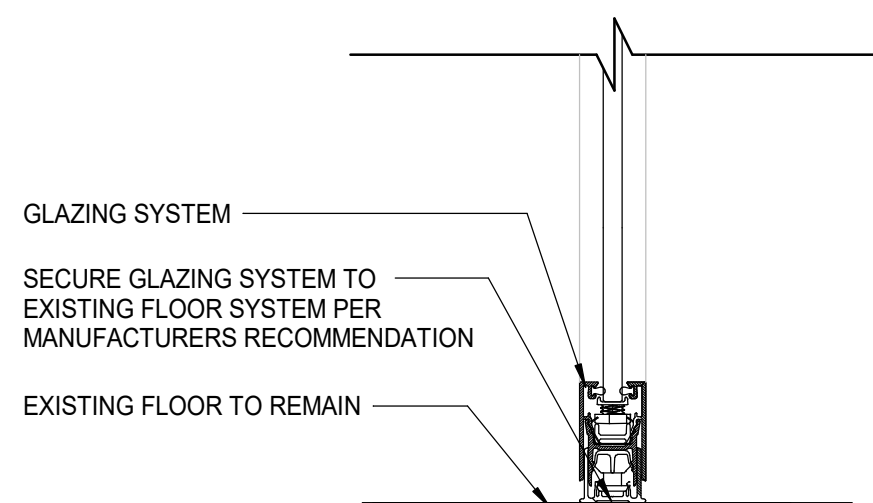
WOOD STAIR AT TOP LANDING (F5)
3" = 1'-0"



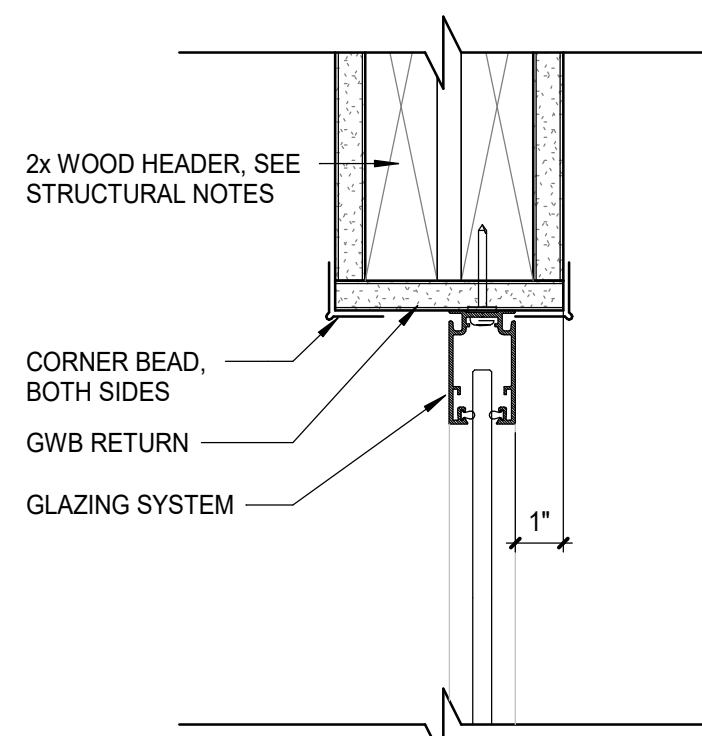
WOOD STAIR AT LANDING (F1)
3" = 1'-0"



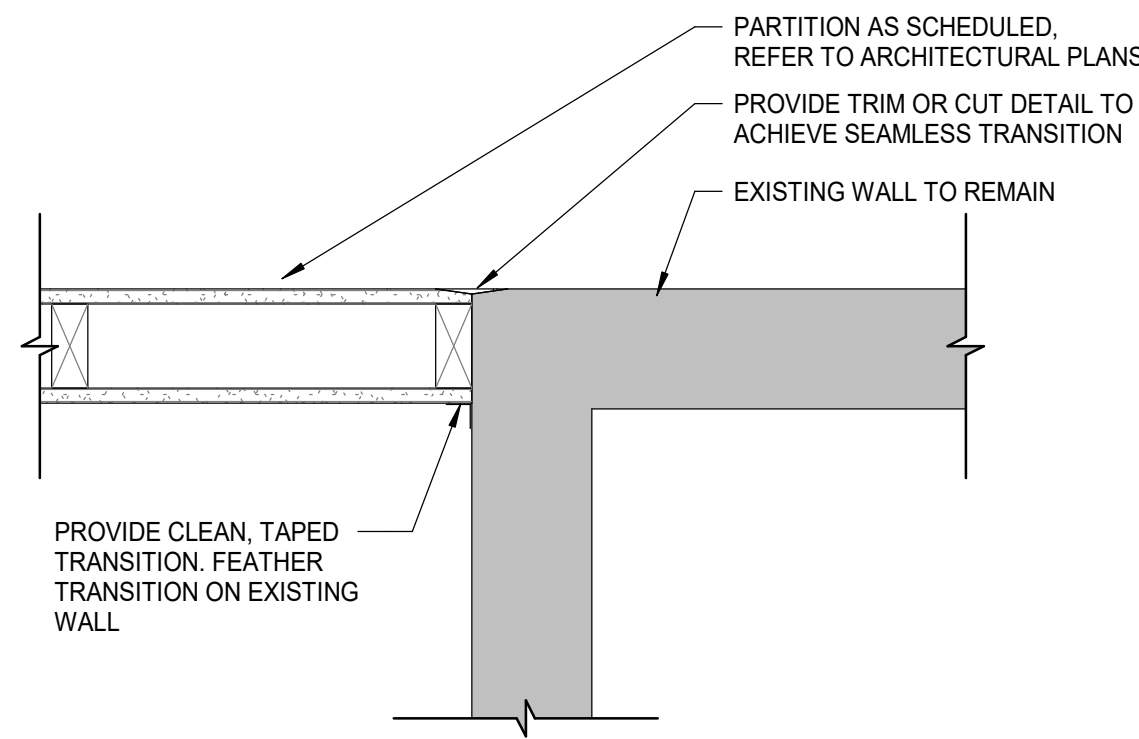
GLAZING JAMB DETAIL (D12)
3" = 1'-0"



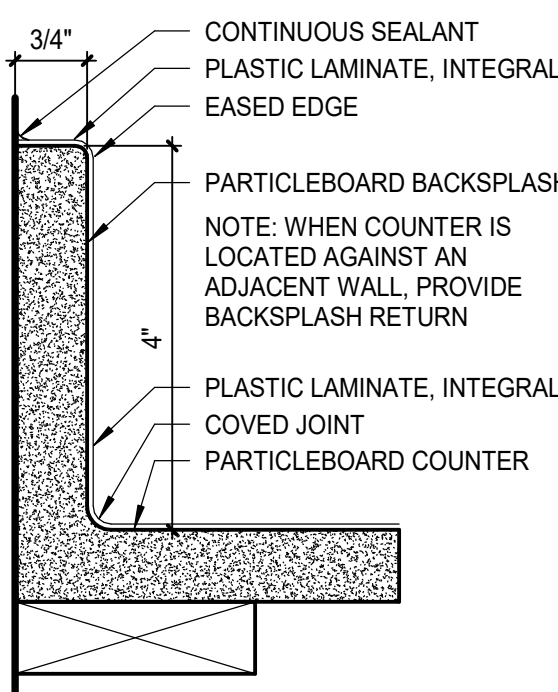
GLAZING SILL DETAIL (D8)
3" = 1'-0"



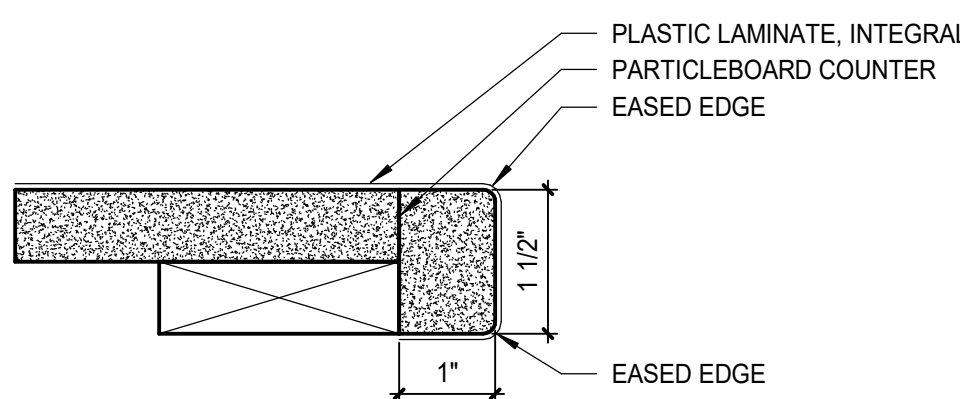
GLAZING HEAD DETAIL (D5)
3" = 1'-0"



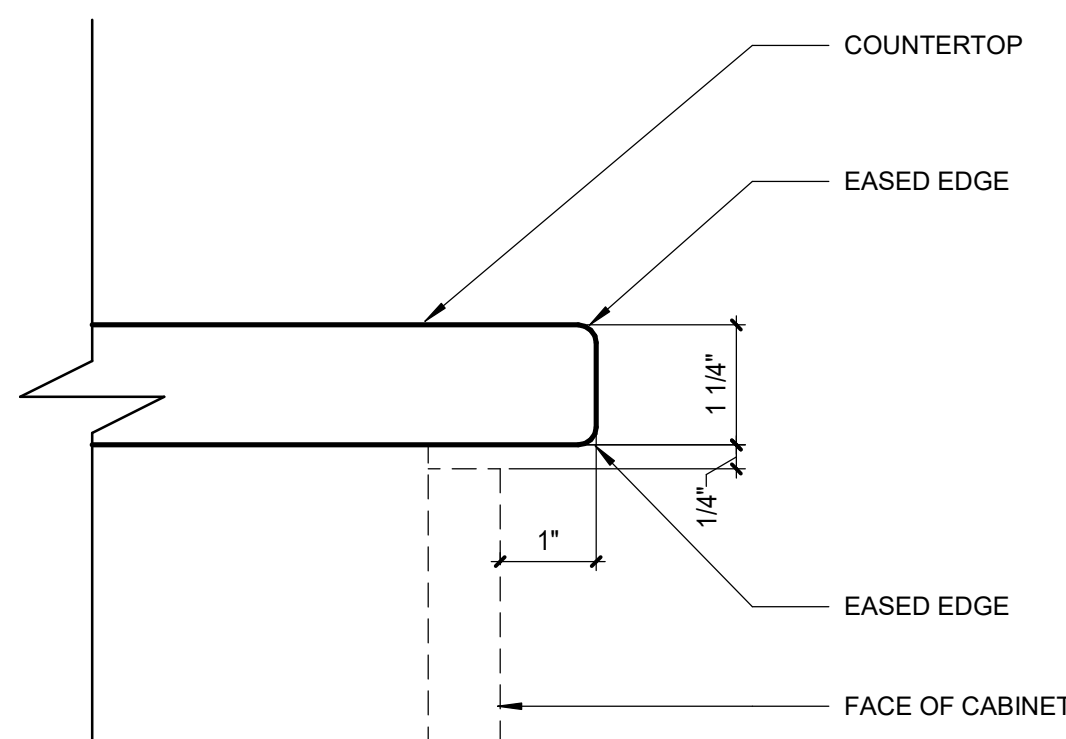
DETAIL at WALL JOIN, TYP. (D1)
1 1/2" = 1'-0"



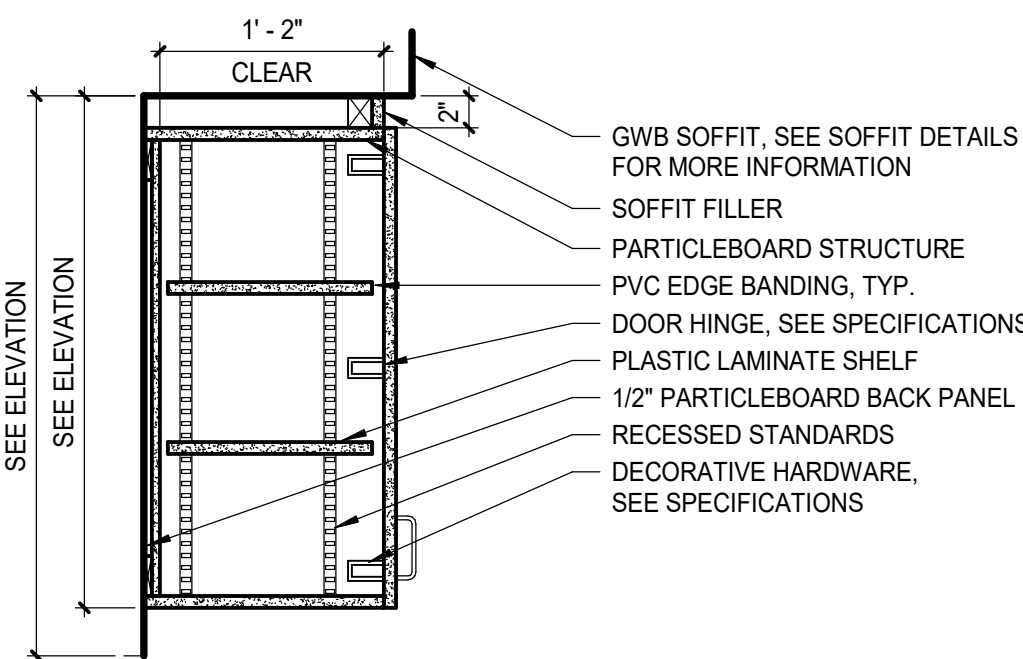
PLAM BACKSPLASH DETAIL (A15)
6" = 1'-0"



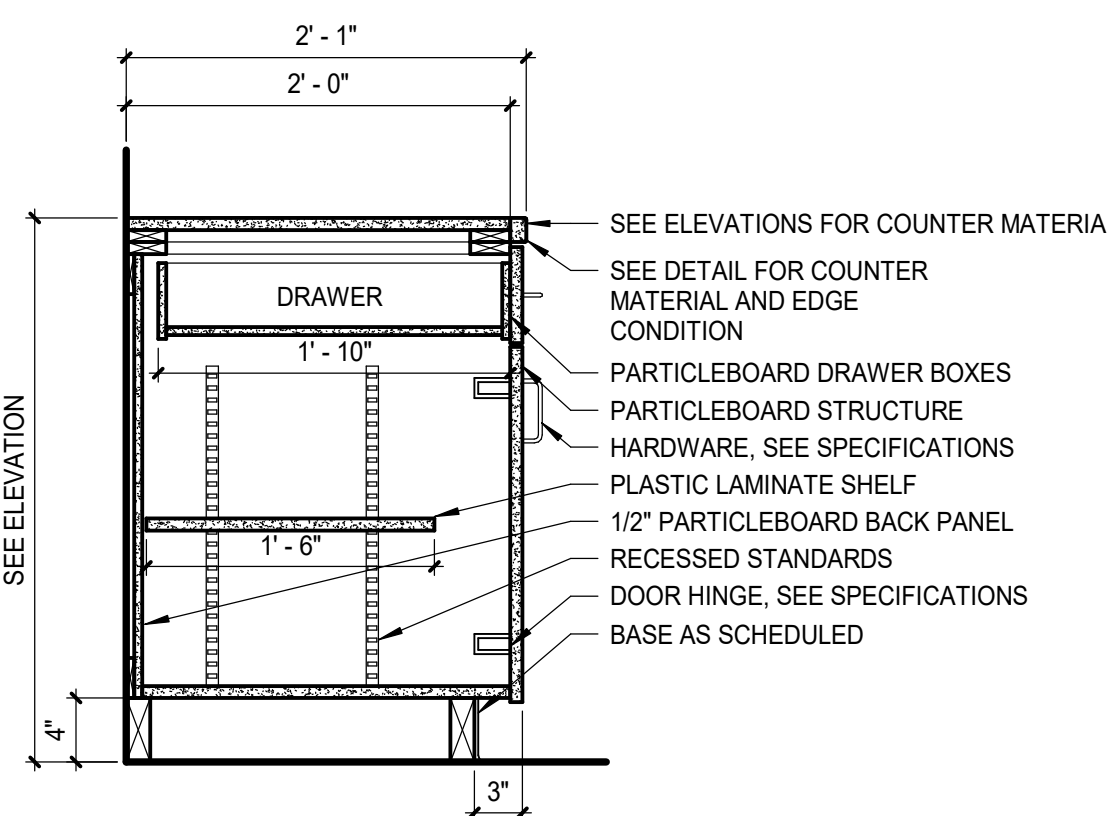
PLAM EDGE DETAIL (A12)
6" = 1'-0"



SSM EDGE DETAIL (A8)
6" = 1'-0"



SECTION AT UPPER CABINET (A5)
1" = 1'-0"



SECTION AT BASE CABINET (A1)
1" = 1'-0"

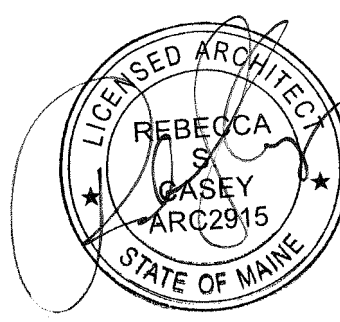
DETAIL NOTES:

1. REFERENCE G1001 FOR GENERAL NOTES.
2. REFERENCE STRUCTURAL DRAWINGS FOR TYPES, SIZES, CONNECTIONS, ELEVATIONS AND FINISH OF ALL STRUCTURAL ELEMENTS.
3. SPRAY FIRE-RESISTIVE MATERIAL IS NOT SHOWN FOR CLARITY PURPOSES. REFER TO SPECIFICATIONS FOR SPRAY FIRE-RESISTIVE MATERIAL REQUIREMENTS.

REV	DESCRIPTION	DATE
0	ISSUE FOR CONSTRUCTION	07-14-23

ISSUE FOR CONSTRUCTION
07-14-23

CURRENT ISSUE STATUS:



SMRT Architecture + Engineering + Planning
SMRT Architects and Engineers
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1.877.700.7678
www.smrinc.com

**WABANAKI PUBLIC HEALTH
WABANAKI WELLNESS RECOVERY
HOME; FAMILY & FRIENDS CENTER**

PROJECT LOCATION
DETAILS

SHEET TITLE:



SCALE: AS NOTED

APPROVED BY: RSC PROJECT NO: 23039

DESIGNED BY: RSC

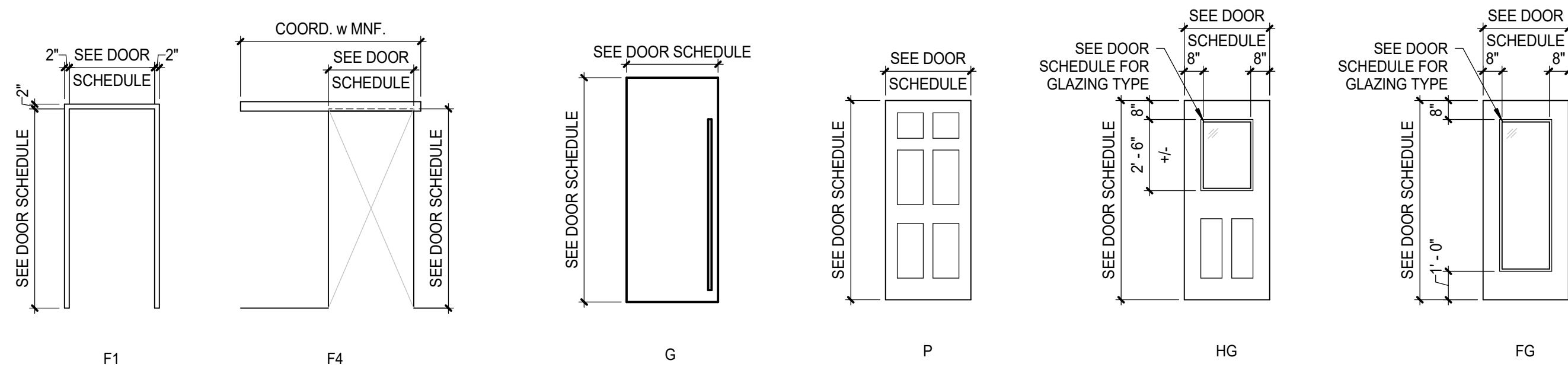
CHECKED BY: ACL

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SMRT FILE: AE501-23039 SHEET No. AE501

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DOOR SCHEDULE											
DOOR NUMBER	LEAF TYPE	DOOR		PANEL	FRAME	DETAILS			NOTES		Comments
		WIDTH	HEIGHT	MATL	TYPE	MATL	HEAD DTL	JAMB DTL	SILL DTL	HDW SET	
004	P	3'-0"	6'-8"	WD/GL	F1	WD	A1	D1	-	SET 7	
006	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 6	
007	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 6	
013	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 3	
014	FG	3'-0"	6'-8"	WD/GL	F4	WD	-	-	-	SET 4	
015	FG	3'-0"	6'-8"	WD/GL	F4	WD	-	-	-	SET 4	
016	FG	3'-0"	6'-8"	WD/GL	F4	WD	-	-	-	SET 4	
017	FG	3'-0"	6'-8"	WD/GL	F1	WD	A1	D1	-	SET 1	
021	G	(INTEGRAL TO PARTITION)	7'-9 1/4" 164" VIF	GL	-	-	A3	-	D6	BY OTHERS	PART OF SYSTEM
100	HG	3'-0"	7'-0"	GL	F1	AL	A1	D1	-	SET 8	2" THK DOOR
102	P	3'-0"	6'-8"	WD/GL	F4	WD	-	-	-	SET 4	ADD HOOK LOCK
104	FG2	6'-0"	6'-8"	WD/GL	F4	WD	-	-	-	SET 4 (x2)	GLASS SPP-1
106	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 4	
107	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 1	
108	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 1	
109	P	2'-8"	6'-8"	WD	F1	WD	A1	D1	-	SET 6	
110	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 6	
111	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 1	
111A	P	3'-0"	7'-0"	WD	F4	WD	-	-	-	SET 4	ADD HOOK LOCK
112	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 1	
113	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 1	
114	HG	3'-0"	7'-0"	WD	F1	AL	A1	D1	-	SET 8	
115	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 1	
116	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 1	
117	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 1	
118	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 1	
119	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 1	
121	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 6	
122	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 6	
126	HG	3'-0"	7'-0"	GL	F1	AL	-	-	-	SET 8	2" THK DOOR
128	P	3'-0"	6'-8"	WD	F1	WD	A1	D1	-	SET 6	
133	HG	3'-0"	7'-0"	GL	F1	AL	-	-	-	SET 8	2" THK DOOR

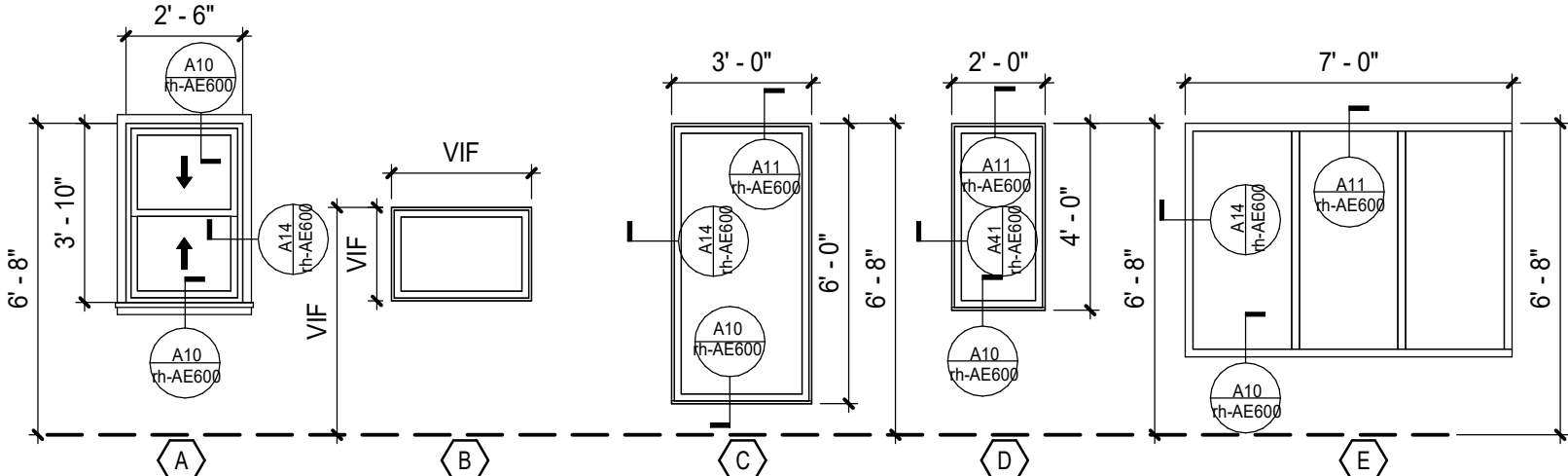


DOOR FRAME TYPES 1

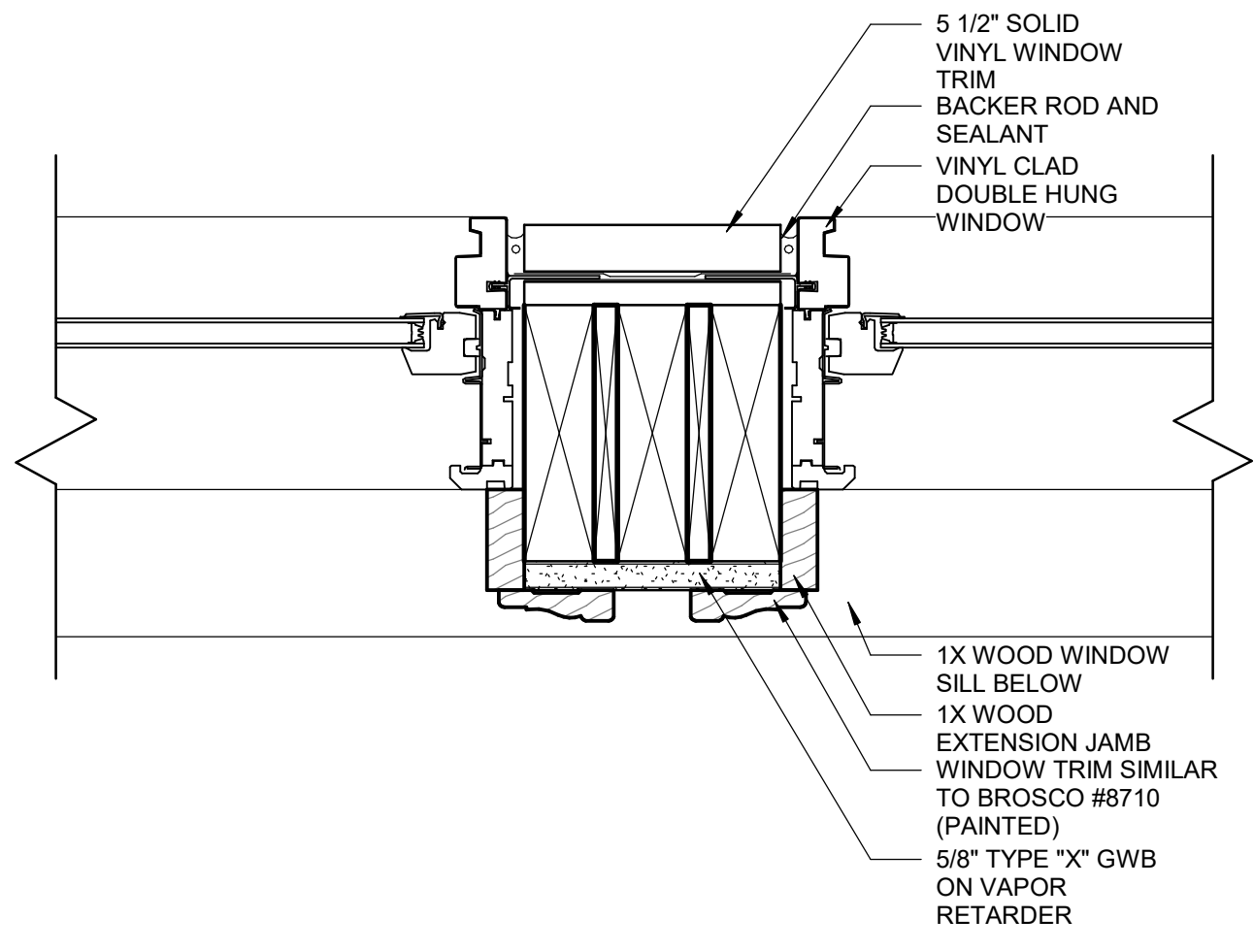
DOOR LEAF TYPES 2

SET 1: PASSAGE LEVER SET, HINGES, DOOR STOP
SET 2: OFFICE LEVER SET, HINGES, DOOR STOP
SET 3: STORAGE LEVER SET, HINGES, CLOSER, DOOR STOP
SET 4: PEIMO (OR EQUIV); SLIDING DOOR HARDWARE SET, (2) PULLS
SET 5: EXIT HARDWARE; PUSH BAR INTERIOR, LEVER EXTERIOR
SET 6: PRIVACY LEVER SET, HINGES
SET 7: PASSAGE LEVER SET, CLOSER, HINGES
SET 8: ENTRY LATCH SET, CONFIRM LOCKING MECHANISM WITH OWNER

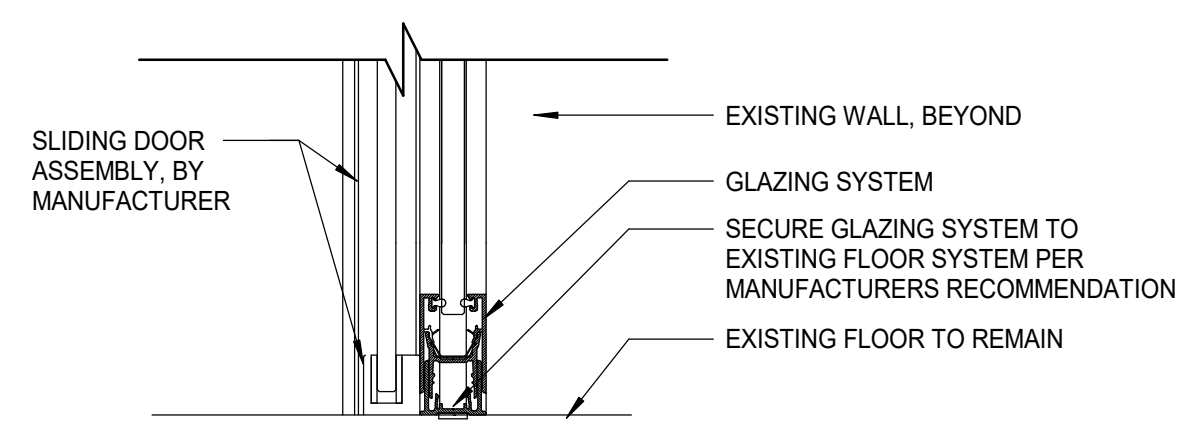
DOOR HARDWARE LEGEND 1/4" = 1'-0"



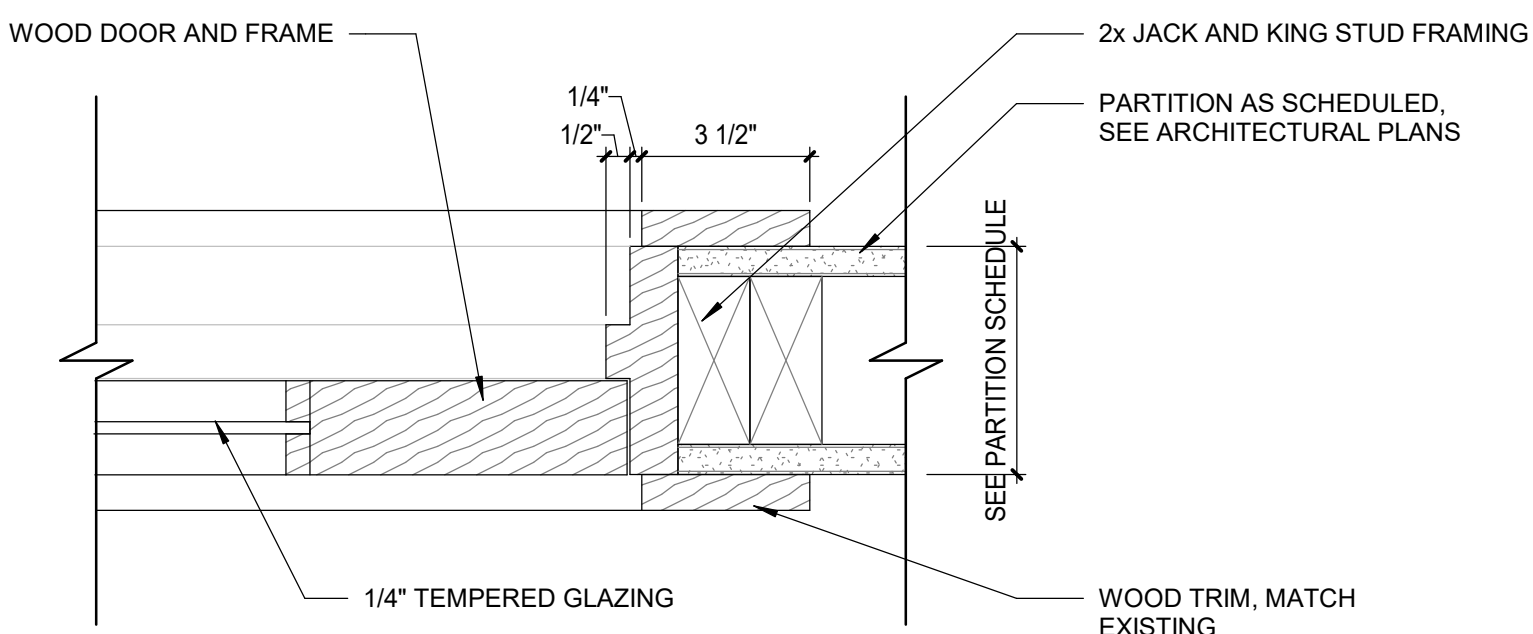
WINDOW TYPES 1/4" = 1'-0"



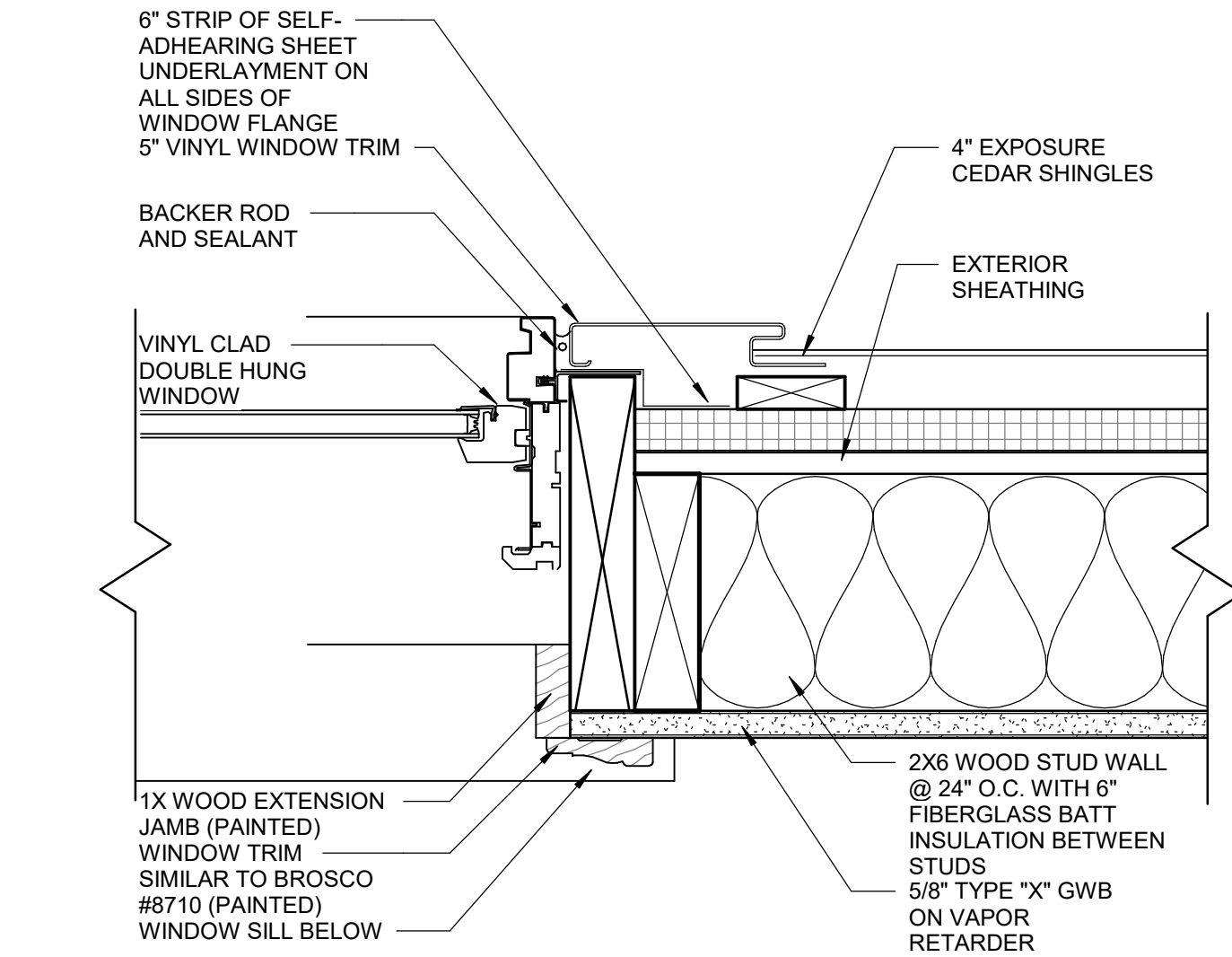
Window Mullion Detail Vinyl D10 3" = 1'-0"



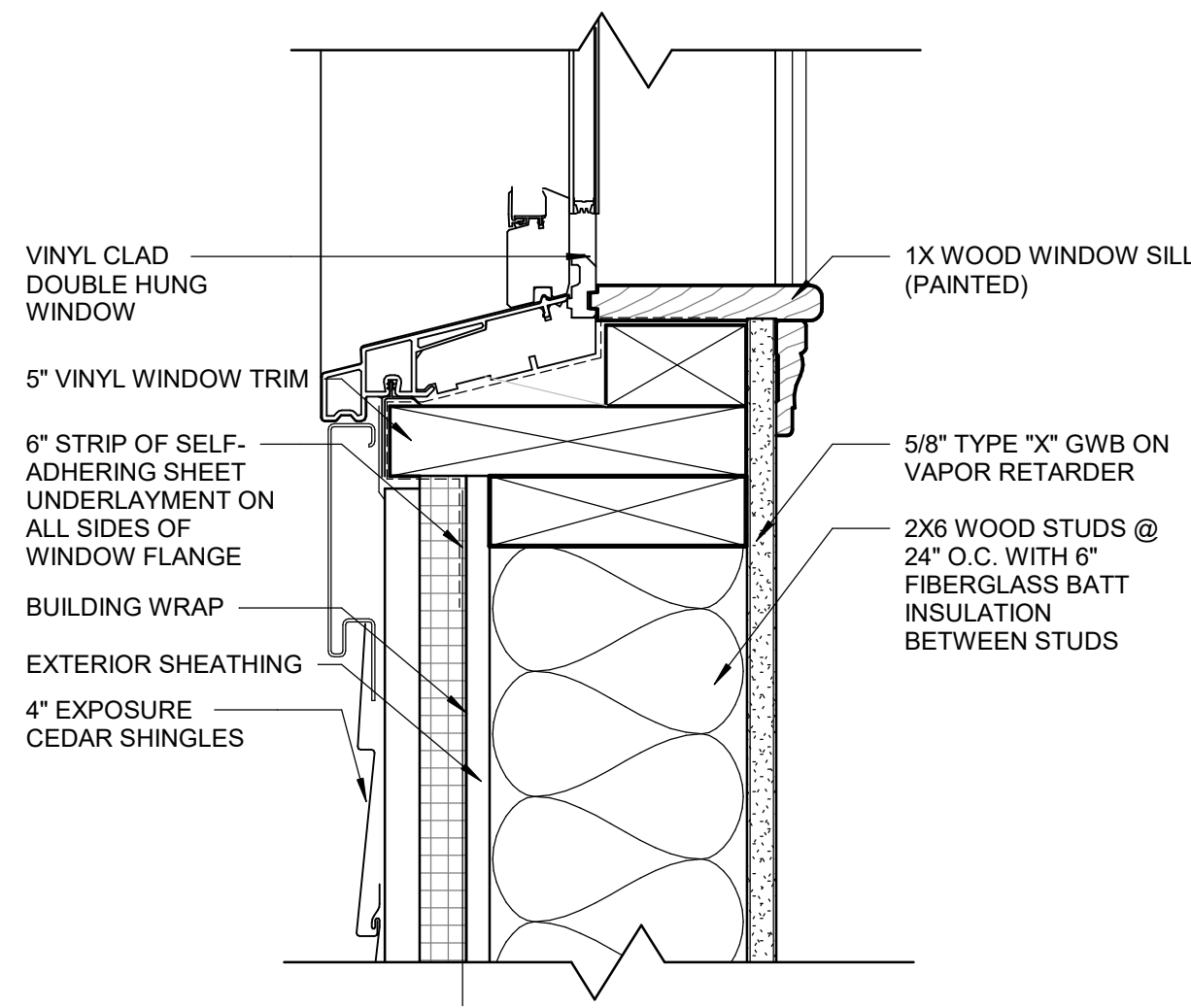
GLAZING SLIDING DOOR SILL DETAIL D6 3" = 1'-0"



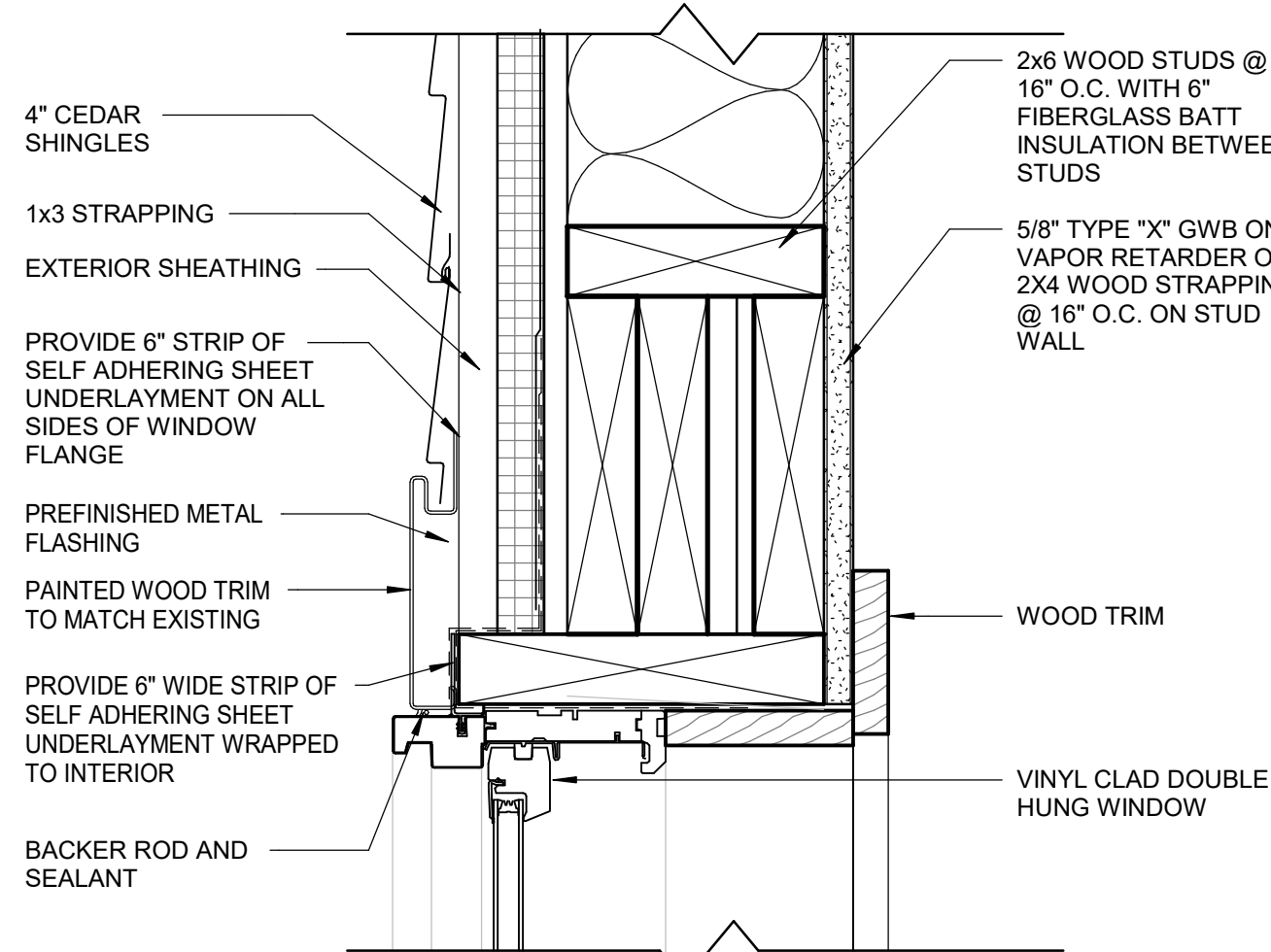
DOOR JAMB DETAIL, TYP D1 3" = 1'-0"



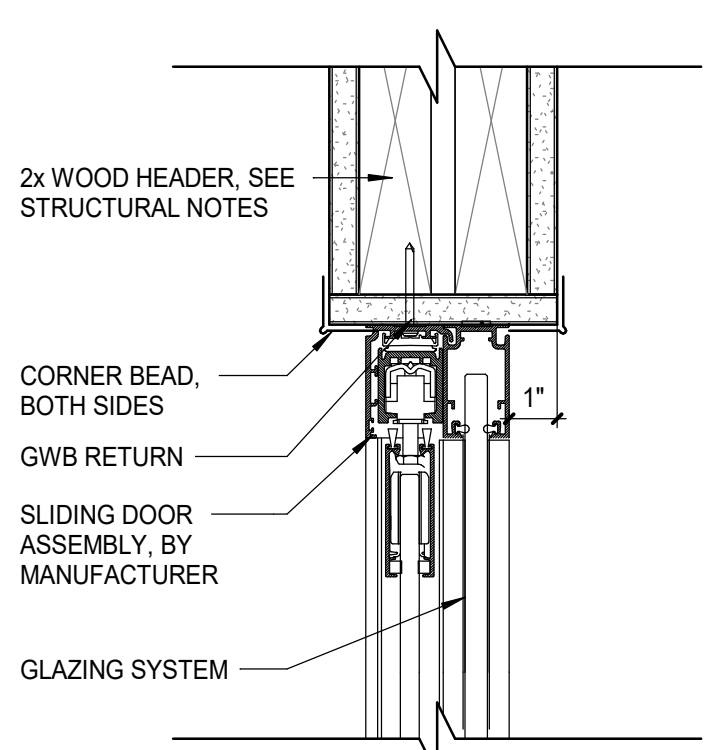
Window Jamb Vinyl A14 3" = 1'-0"



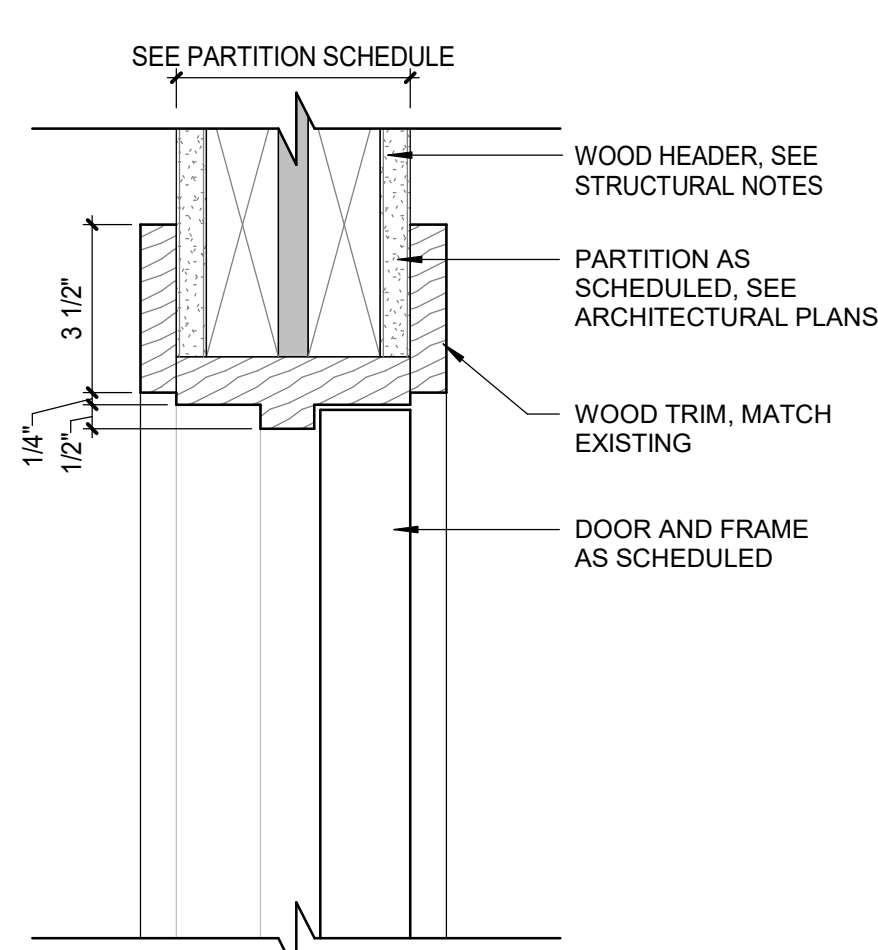
Window Sill Vinyl A10 3" = 1'-0"



WINDOW HEAD VINYL A11 3" = 1'-0"



GLAZING SLIDING DOOR HEAD DETAIL A3 3" = 1'-0"



DOOR HEAD DETAIL, TYP A1 3" = 1'-0"

DOOR NOTES:

1. ALL SWINGING DOORS TO BE 1 3/4" THICK UNLESS NOTED OTHERWISE.
2. ALL DOORS SHALL BE 3/4" UNDERCUT (TYPICAL) EXCEPT WHEN THERE IS A BOTTOM FRAME/THRESHOLD OR SPECIFICALLY NOTED OTHERWISE.
3. ALL DOORS WITH BOTTOM FRAMES OR SILL THRESHOLDS SHALL HAVE MANUFACTURERS RECOMMENDED STANDARD UNDERCUT.
4. GLAZING NOTED ON DOOR SCHEDULE IS FOR THE DOOR AND BORROWED LIGHT IN THE FRAME TYPICAL, UNLESS NOTED OTHERWISE IN FRAME ELEVATIONS.
5. SEE SPECIFICATIONS FOR GLAZING TYPES AND INFORMATION.
6. GLAZING TO BE FREE OF STAMPS, MARKINGS, ETC. UNLESS REQUIRED BY CODE TO IDENTIFY A RATING.
7. GLAZING STOPS ON BORROWED LIGHTS SHALL BE LOCATED ON THE ROOM SIDE OF FRAME. BUTT JOINT ALL GLAZING STOP TIGHT TO FRAME FOR A CLEAN, FINISHED APPEARANCE.
8. ALL EXTERIOR DOORS SHALL BE INSULATED TYPE.
9. CAULK PERIMETER OF DOOR AND WINDOW FRAMES TO THE WALL. MATCH FRAME COLOR.
10. CAULK EDGES AND VOIDS ALONG WINDOW STOPS OF HOLLOW METAL FRAMES PRIOR TO PAINTING TO PROVIDE A CLEAN FINISHED APPEARANCE.
11. ALL LABELS ON RATED DOORS TO BE FREE OF PAINT AND CLEARLY VISIBLE UPON INSPECTION.

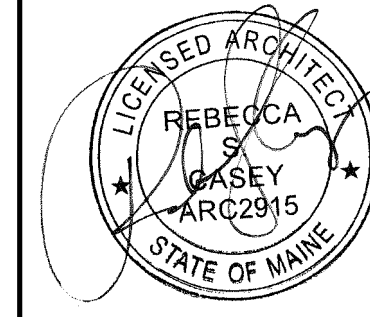
DOOR ABBREVIATIONS:

- AL ALUMINUM
FG FIBERGLASS
HM HOLLOW METAL
INS INSULATED
SF STOREFRONT
SS STAINLESS STEEL
TEMP TEMPERED GLASS
WIRE WIRED GLASS
VL VINYL
GL GLASS
WD WOOD
FIRE
LAM

REV	DESCRIPTION	DATE
0	ISSUE FOR CONSTRUCTION	07-14-23

ISSUE FOR CONSTRUCTION 07-14-23

CURRENT ISSUE STATUS:

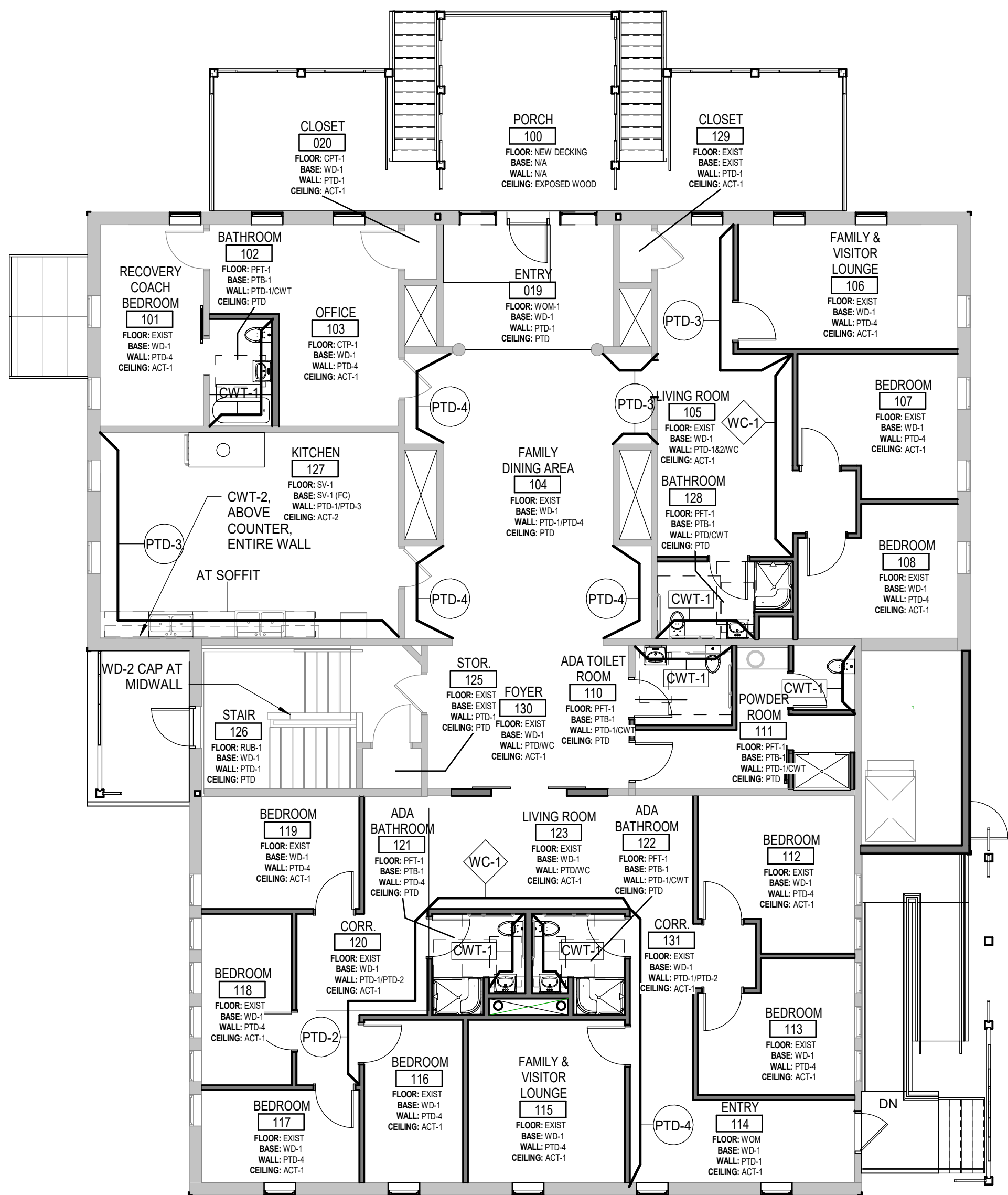


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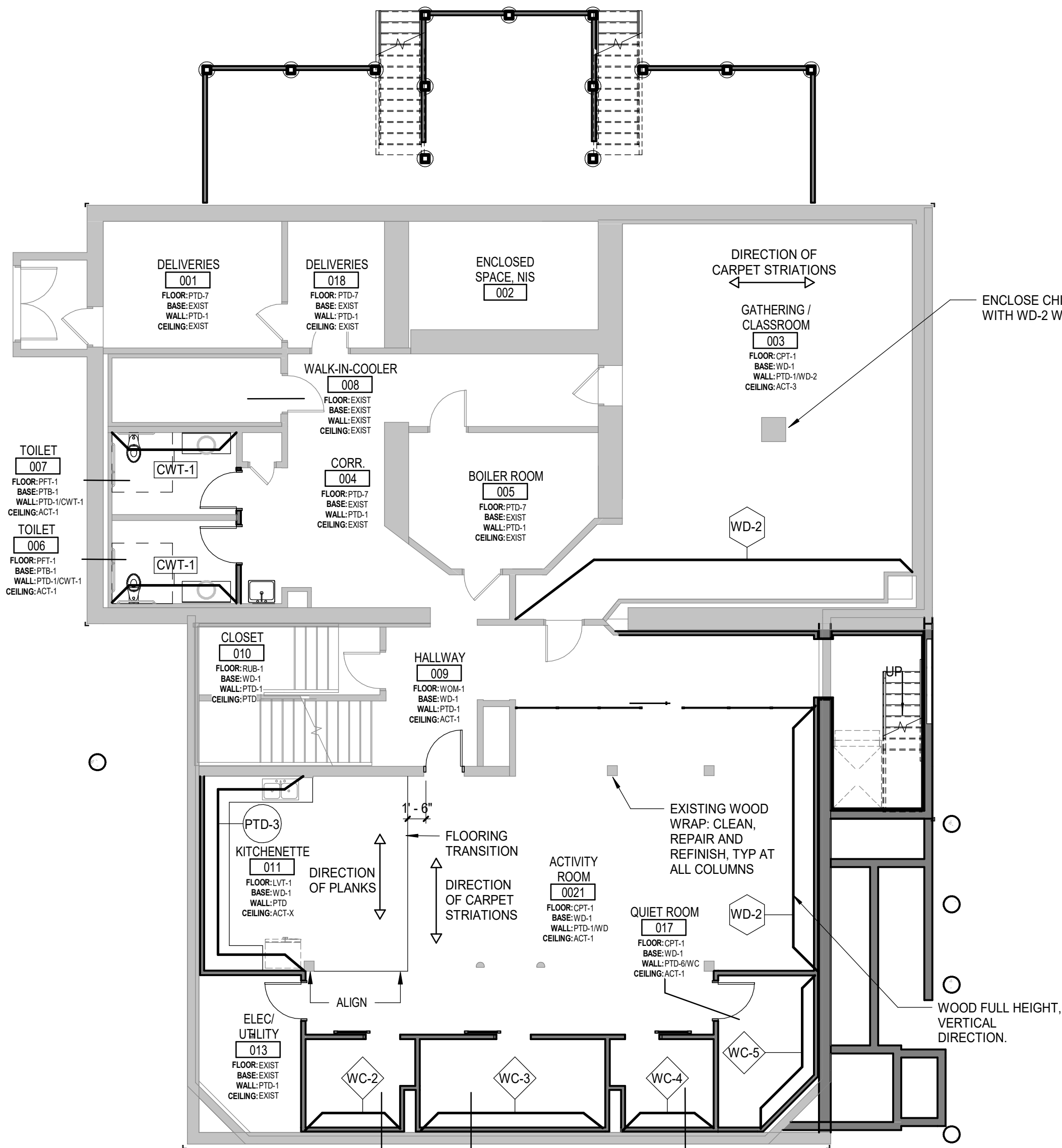
WABANAKI PUBLIC HEALTH
WABANAKI WELLNESS RECOVERY HOME; FAMILY & FRIENDS CENTER

PROJECT LOCATION
SCHEDULE - DOOR

SHEET TITLE:	
SCALE: AS NOTED	
APPROVED BY:	RSC
DESIGNED BY:	RSC
CHECKED BY:	ACL
DRAWN BY:	ACL
SMRT FILE:	AE601-23039
SHEET No.	23039
PROJECT NO:	
AE601	



LEVEL 1 FINISH PLAN
1/8" = 1'-0" (A12)



BASEMENT FINISH PLAN
1/8" = 1'-0" (A4)

FINISHES LEGEND:

ACOUSTIC CEILING TILE
ACT-1: ARISTON COMMERCIAL, ULTIMA HIGH NRC 15/16 INCH BEVELED TEGULAR (1941), 24X24 INCH TILE. COLOR: WHITE TILE WITH WHITE GRID SYSTEM.
ACT-2: COMMERCIAL, KITCHEN ZONE, SQUARE LAY-IN 24X48 INCH #672, WHITE.
PAINT EXISTING GRID WHITE TO MATCH COLOR OF ACT-1.
ACT-3: ARISTON COMMERCIAL, ULTIMA HIGH NRC, BEVELED TEGULAR (1945) 24X48 INCH TILE, COLOR: WHITE. COORDINATE FOR USE IN EXISTING GRID.

CARPET TILE
CPT-1: MASLAND CONTRACT, SOUND OFF MODULAR TILE 24X24 INCH, WOOD ASH 1501-00106, ASHLAR INSTALLATION, SUSTAINA PVC FREE MODULAR BACKING
ADHESIVE: ATLAS MASLAND SUSTAINA 99, UP TO 99% RH.
CONTACT FOR CARPET: ARCH 180 - LEAH LEDOUX 207-730-2207, LEAH@ARCH180.COM

CERAMIC WALL TILE
CWT-1: DALTILE COLORWHEEL COLLECTION, 3X6 INCH, COLOR: SPA #0148, GLOSSY.
INSTALLATION: HORIZONTAL STACK BOND, FULL-HEIGHT, FROM TOP OF BASE TO CEILING
GROUT: MAPEI KERAPoxy #77 FROST
CWT-2: DALTILE COLORWHEEL COLLECTION, LINEAR, 6X18 INCH, COLOR: ARTIC WHITE #0190, LIGHT POLISHED FINISH.
INSTALLATION: HORIZONTAL STACK BOND.
GROUT: MAPEI KERAPoxy #36 AVALANCHE

DECORATIVE GLASS FILM
DGF-1: OLEE CREATIVE, OLEEVE BIRCH #449 DECORATIVE WHITE INK CRYSTAL FILM, CUSTOMIZED. FILM TO BE INSTALLED FULL HEIGHT OF GLASS WALLS AND ACROSS ENTIRE WIDTH OF GLASS WALL.

LUXURY VINYL TILE
LVT-1: MASLAND CONTRACT CALIBRE HIGH PERFORMANCE, LOOSE LAY WOOD LOOK LVT, 5MM THICK, 20 MIL WEAR LAYER WITH CERAMIC PU FINISH, STYLE: COLOR: W1010, 9.25 X 59.25 INCH PLANK.
ADHESIVE: ATLAS MASLAND MODULAR TILE LVT, UP TO 90% RH.

PAINT
PTD-1: SHERWIN WILLIAMS, SW6385 DOVER WHITE (EPOXY AT BATHROOMS)
PTD-2: SHERWIN WILLIAMS, SW 6471 HAZEL
PTD-3: SHERWIN WILLIAMS, SW 6477 TIDEWATER (EPOXY AT KITCHEN)
PTD-4: SHERWIN WILLIAMS, SW7029 AGREEABLE GRAY
PTD-5: SHERWIN WILLIAMS, SW 6116 TATAMI TAN
PTD-6: SHERWIN WILLIAMS, SW9095 TOASTY
PTD-7: SHERWIN WILLIAMS, SW 7067 CITYSCAPE (CONCRETE FLOOR PAINT)

PLASTIC LAMINATE
PLAM-1: WILSONART, LOFT OAK #7968K-12, GRAIN TO RUN VERTICAL.
PLAM-2: WILSONART, ALMOND LEATHER #2932-60.
2MM PVC EDGE IN COLOR TO MATCH LAMINATE.

PORCELAIN FLOOR TILE
PFT-1: DALTILE FABRIQUE COLORBODY PORCELAIN, 2X2 STRAIGHT JOINT (MOSAIC), MATTE FINISH, COLOR: GRIS LINEN P690
GROUT: MAPEI KERAPoxy #02 PEWTER

PORCELAIN TILE BASE
PTB-1: DALTILE FABRIQUE COLORBODY PORCELAIN, 2X2 STRAIGHT JOINT (MOSAIC), MATTE FINISH, COLOR: GRIS LINEN P690
GROUT: MAPEI KERAPoxy #02 PEWTER

RESILIENT STAIR ACCESSORIES
RST-1: NORA SATURA, ONE-PIECE TREAD/RISER (HAMMERED SURFACE TEXTURE) WITH VI CONTRAST RUBBER INSERT. COLOR: #5107 CALLISTO

SHEET VINYL
SV-1: POLYFLOR AMERICA, POLYSAFE 2.5MM, APEX #4202, CHROMITE FLASH COVE BASE, HEAT WELD SEAMS, WELD ROD #4610. ADHESIVE: CERBERT 2300 PREMIUM TWO-PART URETHANE

CONTACT FOR SHEET VINYL: ARCH 180 - LEAH LEDOUX 207-730-2207, LEAH@ARCH180.COM

SOLID POLYMER PANEL
SPP-1: LUMICOR, NATURAL SERIES, COASTAL LIGHT. FINISH: GLOSS/GLOSS
MATERIAL THICKNESS: COORDINATE WITH DOOR FRAMES.

SOLID SURFACE MATERIAL
SSM-1: QUARTZ, CAESAR ALPINE MIST

WALL COVERING
WC-1: WOLF GORDON CHIANG MAI/BAMBOO, GOH 31950641, 100% VINYL, BACKING: OSNABURG, HANG WITH STRIATIONS VERTICAL.
WC-2: WOLF GORDON CANYON SUEDE/ACORN, GOH 31950049, POLYESTER/POLYURETHANE
WC-3: WOLF GORDON CANOPY / WINTERWOOD, GOH 31950677, 100% VINYL, BACKING: OSNABURG
WC-4: WOLF GORDON ARROW-SMITH / BAD TO THE BONE, GOH 31950742, 100% VINYL, BACKING: OSNABURG
WC-5: WOLF GORDON ALCHEMY / BRONZE GOH 31950737, 100% VINYL, BACKING: OSNABURG

WALK OFF MAT (TILE)
WOM-1: MASLAND CONTRACT, GET A GRIP, MODULAR TILE 24 x 24 INCH, WITHDRAW 17871-78103, ASHLAR INSTALLATION.

WOOD
WD-1: POPLAR, GRADE A, PAINTED, PTD-4
WD-2: KNOTTY PINE, CLEAR FINISH
NEW WOOD DOORS: STAIN TO MATCH EXISTING FINISH/COLOR AT LEVEL 1 (HONEY TONE STAIN)
DOORS: STAIN TO BE HONEY COLOR. MATCH EXISTING AT LEVEL 1.

FINISH LEGEND:

REFER TO FINISH LEGEND ON ROOM FINISH SCHEDULE (AE002) FOR PRODUCT DESIGNATION NUMBERS (PTD-#, PLAM-#, CT-#).

- PAINT DISTRIBUTION SYMBOL
PAINT COLOR CODE
- CERAMIC TILE DISTRIBUTION SYMBOL
TILE COLOR CODE
- WC DISTRIBUTION SYMBOL
COLOR CODE
- WD DISTRIBUTION SYMBOL
COLOR CODE

⊕ DENOTES MATERIAL ON ALL WALLS

⊕ DENOTES EXTENT OF PAINT COLOR

⊕ DENOTES EXTENT OF CERAMIC TILE

⊕ DENOTES EXTENT OF WC

⊕ MATERIAL

⊕ ABOVE

⊕ BELOW

⊕ DENOTES EXTENT OF WD

FLOOR FINISH NOTES:

- REFER TO THIS SHEET FOR LAYOUT OF FLOOR FINISH MATERIALS. REFER TO FINISH LEGEND ON FOR ACTUAL MATERIALS USED.
- REFER TO WALL FINISH PLANS FOR INFORMATION REGARDING LOCATIONS OF PAINTED ACCENT WALLS AND OTHER WALL APPLIED FINISHES.
- PROVIDE ADA COMPLIANT RESILIENT TRANSITIONS AS REQUIRED WHEN TRANSITION IS BETWEEN TWO DIFFERENT FLOORING MATERIALS.
- FLOORING TO RUN BENEATH CASEWORK, UNLESS NOTED OTHERWISE.
- REPAIR/REFINISH ALL EXISTING TO REMAIN WOOD FLOORS.
- CARPET TO BE INSTALLED ASHLAR PATTERN AS INDICATED. REFER TO DRAWINGS.
- FOLLOW MANUFACTURERS INSTRUCTIONS FOR CARPET AND LVT FLOOR PREP. RH IN SUBSTRATE. SLAB SHALL BE TESTED PER ASTM-F-2170-99, RELATIVE HUMIDITY INST. U PROBE TEST. SHOULD NOT EXCEED 90% FOR CARPET AND NOT EXCEED 90% FOR LVT.

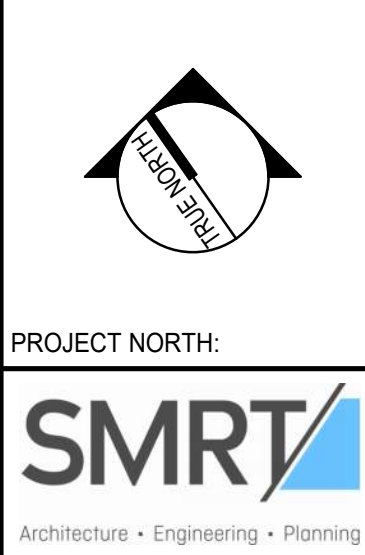
WALL FINISH NOTES:

- REFER TO FINISH PLANS FOR ADDITIONAL INFORMATION REGARDING TYPE AND LOCATION OF FINISHES.
- REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION ON PRODUCTS AND FINISHES.
- REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION REGARDING WALL FINISHES.
- HVAC GRILLES OR DIFFUSERS MOUNTED ON GWS SHALL BE FIELD PAINTED TO MATCH COLOR OF WALL.
- ELECTRICAL PANELS LOCATED OUTSIDE OF ELECTRICAL ROOMS OR CLOSETS, SHALL BE FIELD PAINTED TO MATCH THE COLOR OF THE WALL ON WHICH IT IS MOUNTED.
- ALL WALLS NOT INDICATED TO RECEIVE AN ACCENT COLOR SHALL BE PTD-1.
- ALL GWS CEILINGS AND EXPOSED PIPING TO BE REPAIRED AND PREPARED FOR NEW PAINT. PTD-1, UNO. REFER TO RCP FOR ADDITIONAL INFORMATION.
- ALL FRAMES, TRIM AND BASE TO BE PTD-4, UNO.
- IT IS TYPICALLY ASSUMED THAT ALL PAINTED SURFACES WILL RECEIVE TWO FINISH COATS OVER A PRIMER. HOWEVER IT IS EXPECTED THAT THE CONTRACTOR SHALL PROVIDE AS MANY FINISH COATS AS REQUIRED TO PROVIDE COMPLETE COVERAGE OF COLOR WITH NO STREAKS.
- VERIFY SUITABILITY OF ALL SUBSTRATES AND COMPATIBILITY OF SUBSTRATES AND FINISHING SYSTEMS.
- COMPLY PAINT MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS APPLICABLE TO PAINT SYSTEMS.
- PATCH AND REPAIR HOLES, INDENTATIONS, AND OTHER DAMAGE ON EXISTING, PREVIOUSLY PAINTED WALLS SO THAT SURFACES COMPLY WITH REQUIREMENTS OF LEVEL 4 FINISH TO GREATEST EXTENT POSSIBLE.
- EPOXY PAINT TO BE USED AT KITCHEN AND TOILET ROOM WALLS AND GWS CEILINGS IN PTD COLOR AS SPECIFIED ON ID SHEET. REFER TO SPECIFICATIONS.

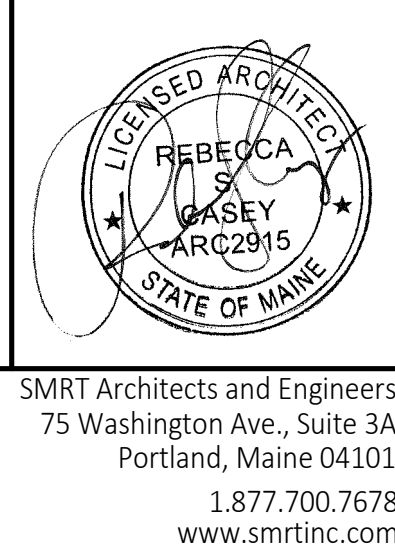
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PROJECT LOCATION

FINISH PLANS

SHEET TITLE:	0' 1/4" 1/2" 1' 2' 3'
SCALE: AS NOTED	
APPROVED BY: RSC	PROJECT NO: 23039
DESIGNED BY: EA	
CHECKED BY: ACL	
DRAWN BY: EA	
SMRT FILE: ID101-23039	SHEET No. ID101

PLUMBING GENERAL NOTES

1. ALL PLUMBING GENERAL NOTES, SYMBOLS, LISTS AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL PLUMBING DRAWINGS FOR THIS PROJECT.
2. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND EXACT LOCATIONS AND ARRANGEMENTS OF EXISTING NEW EQUIPMENT, DUCTWORK, PIPING AND OTHER COMPONENTS SHALL BE DETERMINED IN THE FIELD WITH DUE CONSIDERATION OF STRUCTURAL, ELECTRICAL, AND ARCHITECTURAL SYSTEM. EXISTING STRUCTURAL SYSTEMS SHALL NOT BE MODIFIED WITHOUT THE EXPRESS PERMISSION OF THE ENGINEER.
3. IF REQUIRED THE PROJECT SHALL BE PHASED IN ACCORDANCE WITH THE APPROVED PHASING PLAN. THE CONTRACTOR SHALL OBTAIN APPROVAL FOR THE SEQUENCING AND TIMING OF OPERATIONS PRIOR TO COMMENCING WORK. SEE SPECIFICATIONS.
4. CONTRACTOR IS TO MAINTAIN SERVICE TO ROOMS OUTSIDE THE PROJECT SCOPE OF WORK AND PHASING SCHEDULE. IF INTERRUPTION OF SERVICE IS REQUIRED COORDINATE SHUTDOWN WITH PROJECT ENGINEER AND OWNER.
5. CARE SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SYSTEMS AND SURFACES TO REMAIN. RESTORE DAMAGED AREAS THAT ARE BEYOND THE SCOPE OF THIS CONTRACT TO THEIR ORIGINAL CONDITION.
6. WHERE INDICATED ON THE DRAWINGS, REMOVE OR RELOCATE EXISTING COMPONENTS AS REQUIRED TO ACCOMMODATE THE NEW WORK. REMOVALS SHALL INCLUDE ALL ASSOCIATED OFF-SITE DISPOSAL COSTS.
7. COORDINATE REMOVALS AND RELOCATION'S INCLUDING SELECTIVE CUTTING AND PENETRATIONS WITH ARCHITECTURAL, MECHANICAL STRUCTURAL AND ELECTRICAL CONTRACTORS.
8. MOST PARTITIONS ARE FULL HEIGHT AND REQUIRE UTILITIES PENETRATIONS TO BE SEALED. SEE ARCHITECTURAL DRAWINGS FOR PARTITION HEIGHTS. DUCTWORK SHOWN FOR CLARITY THAT MAY RUN PARALLEL TO WALL PARTITIONS WILL REQUIRE LOCATING IN THE FIELD TO MINIMIZE CONFLICT WITH PARTITIONS.
9. FIELD VERIFY EXISTING EQUIPMENT AND PIPING PRIOR TO REMOVAL OR REUSE. CONFIRM WITH PROJECT ENGINEER THAT ALL EQUIPMENT AND PIPING DESIGNATED TO BE REMOVED IS NO LONGER IN SERVICE PRIOR TO ITS REMOVAL. PROJECT ENGINEER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL DEMO EQUIPMENT.
10. EXISTING EQUIPMENT AND PIPING TO REMAIN IN SERVICE SHALL BE INSPECTED. REPORT INOPERABLE EQUIPMENT TO PROJECT ENGINEER.
11. ALL UNUSED (ABANDONED), PIPING AND EQUIPMENT INDICATED TO BE REMOVED SHALL BE REMOVED AND FIELD DEMPED.
12. TIE-IN POINT LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL DETERMINE EXACT LOCATIONS IN THE FIELD BASED ON EXISTING CONDITIONS.
13. COORDINATE THE LOCATIONS OF ALL WALL MOUNTED EQUIPMENT WITH FINAL EQUIPMENT/FURNITURE LAYOUT.
14. AT THE END OF EACH WORKING DAY, THE CONSTRUCTION SITE SHALL BE LEFT IN A CLEAN AND NEAT CONDITION.
15. INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND GOOD PRACTICE NORMAL TO THE TRADE. INSTALLATION SHALL INCLUDE PROVISIONS FOR ACCESS TO NORMAL MAINTENANCE ITEMS. PROVIDE ADEQUATE STRUCTURAL SUPPORTS AND SECURE MOUNTING METHODS WITH PROVISIONS FOR VIBRATION ISOLATION AND EXPANSION WHERE REQUIRED.
16. COORDINATE ALL PENETRATIONS WITH GENERAL CONTRACTOR. SEE ARCHITECTURAL DRAWINGS FOR PENETRATION DETAILS. PLUMBING CONTRACTOR SHALL PROVIDE FLASHING AND COUNTER FLASHING FOR ROOF PENETRATIONS AS REQUIRED.
17. PROVIDE PIPE SUPPORTS, GUIDES AND OFFSETS AS NECESSARY TO PREVENT UNDUE STRAIN ON PIPING.
18. SEE DETAILS, PIPING DIAGRAMS AND MANUFACTURER'S RECOMMENDATIONS FOR ADDITIONAL VALVES & FITTINGS NECESSARY FOR COMPLETE PIPING SYSTEM.
19. CONTRACTOR TO COORDINATE ALL WORK WITH OTHER BUILDING TRADES, RELOCATION OF EXISTING UTILITIES MAY BE NECESSARY TO ACCOMMODATE INSTALLATION OF NEW EQUIPMENT OR DUCTWORK.
20. SEE SPECIFICATIONS FOR OTHER REQUIREMENTS.
21. CONTRACTOR SHALL FIELD VERIFY ALL CLEARANCES AND DIMENSIONS.
22. PROVIDE ACCESS PANELS FOR ALL CONCEALED SHUT-OFF VALVES EXCEPT THOSE ABOVE SUSPENDED CEILING.
23. INFILL ALL NEW OR EXISTING ABANDONED FLOOR SLAB PENETRATIONS WITH GROUT. FULL THICKNESS OF SLAB. MAINTAIN FIRE RATING. ALL EXISTING CONCRETE FLOORS AND CHASES ARE 2-HR FIRE RATED.
24. ALL DOMESTIC WATER SUPPLY, VENT AND MEDICAL GAS PIPING SHALL BE RUN ABOVE CEILINGS OR WITHIN PARTITIONS UNLESS OTHERWISE NOTED.
25. PLUMBING RISERS SHALL BE RUN CONCEALED WITHIN WALLS OR CHASES. COORDINATE WITH ARCHITECTURAL DRAWINGS.
26. SANITARY LINES SHALL SLOPE 1/4" PER FOOT UNLESS NOTED OTHERWISE.
27. COORDINATE WITH BUILDING OWNER PRIOR TO CUTTING OR GRINDING FLOORS.
28. INSTALLATION SHALL PERMIT ACCESSIBILITY FOR SERVICE AND/OR REPLACEMENT OF EQUIPMENT PROVIDED. PROVIDE ACCESS PANELS TO ALLOW ACCESS TO SYSTEMS COMPONENTS THAT REQUIRE INSPECTION AND MAINTENANCE ACCORDING TO MANUFACTURER'S LITERATURE.
29. NEW PIPING LOCATIONS ON THE PLANS ARE DIAGRAMMATICAL TO THE EXTENT POSSIBLE THE CONTRACTOR SHALL INSTALL PIPING SYSTEMS TO MINIMIZE RUN LENGTHS TO FIXTURES.

PLUMBING PERFORMANCE SPECIFICATIONS

GENERAL REQUIREMENTS

1. SCOPE OF WORK:

A. DESIGN BUILD CONTRACTOR IS RESPONSIBLE FOR PREPARING CONSTRUCTION DRAWINGS STAMPED BY A LICENSED ENGINEER IN THE STATE OF MAINE.

B. A COMPLETE NEW PLUMBING SYSTEM SHALL BE DESIGNED AND INSTALLED INCLUDING DOMESTIC HOT AND COLD WATER SYSTEMS, SANITARY WASTE AND VENT, AND CONDENSATE DRAINAGE IF REQUIRED.

C. EXISTING DOMESTIC WATER PIPING SHALL BE REMOVED AND REPLACED WITH NEW THROUGHOUT THE BUILDING TO A POINT 10' OFF THE FOUNDATION WALL. SANITARY DRAINAGE PIPING SHALL BE REMOVED IN ITS ENTIRETY FROM FIRST FLOOR FIXTURES. UNDERSLAB PIPING SHALL BE MODIFIED AS NECESSARY TO ACCOMMODATE THE INSTALLATION OF NEW FIXTURES. ABANDONED UNDERSLAB PIPING SHALL BE CAPPED AT BOTH ENDS AND FILLED WITH SAND. VENT PIPING SHALL BE REMOVED AND REPLACED IN ITS ENTIRETY.

D. A NEW LINE SIZE RPZ AND WATER METER SHALL BE PROVIDED AT WATER ENTRANCE. WATER METER SHALL MEET TOWN REQUIREMENTS.

E. DOMESTIC COLD AND HOT WATER SYSTEMS SHALL BE INSTALLED TO SERVE NEW FIXTURES IN THE BASEMENT AND ON THE FIRST FLOOR. NEW PIPING WILL BE INSTALLED TO KEEP VELOCITIES BELOW 8 FPS ON THE DOMESTIC COLD AND 4 FPS ON THE DOMESTIC HOT.

F. A NEW OIL FIRED, ATMOSPHERIC, HOT WATER HEATER SHALL BE SIZED AND INSTALLED TO SERVE BUILDINGS HOT WATER NEEDS. THIS UNIT SHALL BE LOCATED IN BASEMENT BOILER ROOM.

G. COLD WATER DISTRIBUTION WILL BE INSULATED WITH CLOSED CELL ELASTOMERIC INSULATION AND WILL INCLUDE PVC FITTING COVERS AND AN ALL-SERVICE JACKET. HOT WATER DISTRIBUTION SYSTEMS SHALL BE INSULATED WITH FIBERGLASS AND WILL INCLUDE PVC FITTING COVERS AND AN ALL-SERVICE JACKET. PROVIDE PVC JACKETING ON ALL PIPING LOWER THAN 10- FEET AFF.

H. SANITARY VENT AND WASTE SYSTEMS SHALL BE INSTALLED TO SERVE NEW FIXTURES IN THE BASEMENT AND ON THE SECOND FLOOR.

I. CONDENSATE DRAIN FROM ALL MINSPLIT SYSTEMS SHALL BE ROUTED TO SANITARY DRAIN VIA INDIRECT WASTE OR DISCHARGED IN AN APPROVED DISPOSAL AREA.

J. ALL NEW FIXTURES SHALL BE PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR AS INDICATED ON ARCHITECTURAL FLOOR PLANS AND PLUMBING PERFORMANCE SPECIFICATIONS. NEW FIXTURES SHALL BE ADA COMPLIANT, COMMERCIAL GRADE, WHITE VITREOUS CHINA WITH CHROME PLATED BRASS FAUCETS AND LOW WATER CONSUMPTION UNLESS NOTED OTHERWISE. NEW WATER CLOSETS SHALL BE PRESSURE ASSISTED FLUSH TANK STYLE. FAUCETS ON LAVS SHALL BE RESIDENTIAL TWO HANDLED HIGH-ARC STYLE.

K. FIXTURES IN THE KITCHEN AREA OF THE FIRST FLOOR SHALL BE REUSED AND INSTALLED IN NEW COUNTERS. NEW SUPPLY, WAST AND VENT PIPING SHALL BE PROVIDED TO THESE FIXTURES. A NEW DISHWASHER, PROVIDED BY OWNER, SHALL BE INSTALLED TO REPLACE CURRENT UNIT.

L. SHOWER ENCLOSURE: SMOOTH FINISH, WHITE, PROVIDE SHOWER ROD & ROLLING HOOKS, TYPICAL.

a. ROOMS 121,122,128 SINGLE-PIECE 36" X 48" ACCESSIBLE SHOWER ENCLOSURE, 4" CURB, GRAB BARS & INTEGRAL SEAT.

b. ROOM 111A MULTI-PIECE 30" X 54" SHOWER ENCLOSURE KIT, 4" CURB, GRAB BAR, CENTER DRAIN.

c. ROOM 102 SINGLE 32" X 60" TUB SHOWER COMBINATION WITH LEFT DRAIN.

M. SHOWER FIXTURE: ADA COMPLAINT CONTROL SYSTEM, 1.5 GPM, 3/4" THRESHOLD TYPICAL.
2. THE FOLLOWING APPLIES TO PLUMBING AND PROCESS PIPING TRADES.
3. OBTAIN ALL PERMITS AND APPROVALS TO PERFORM THE WORK.
4. VERIFY ALL MEASUREMENTS AND EXISTING CONDITIONS IN THE FIELD. GENERAL SCHEMATIC LAYOUT IS INDICATED; ALL OFFSETS OBSTRUCTIONS, AND EXISTING CONFIGURATIONS AND CONSTRAINTS MUST BE FIELD VERIFIED.
5. INSTALL ALL NEW AND RELOCATED EXISTING COMPONENTS IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, APPLICABLE CODES AND STANDARDS.
6. COORDINATE ELECTRICAL POWER REQUIREMENTS FOR ALL MOTORS.
7. COORDINATE WITH OWNER FURNISHED EQUIPMENT AND SYSTEMS.
8. THIS RENOVATION WORK WILL TAKE PLACE IN OCCUPIED SPACE. INSTALLATIONS SHALL NOT AFFECT ONGOING OPERATIONS. COORDINATE HOURS AVAILABLE TO PERFORM WORK WITH THE OWNER AND GENERAL CONTRACTOR.
9. SEAL INTERIOR PIPE PENETRATIONS WITH FIRE SEALANT. SEAL EXTERIOR WALL PIPE PENETRATIONS WATER TIGHT.
10. CUT AND PATCH SURFACES, RESTORING ORIGINAL FINISHES.
11. EQUIPMENT LISTED IS THE BASIS OF DESIGN, OR APPROVED EQUAL.
12. SUBMITTALS, PRE-CONSTRUCTION: SUBMIT CATALOG CUT SHEETS OF PROPOSED EQUIPMENT FOR ENGINEER REVIEW AND APPROVAL PRIOR TO PURCHASE AND INSTALLATION.
13. SUBMITTALS, DURING CONSTRUCTIONS: SUBMIT COPIES OF PIPE ROUGH-IN PRESSURE TESTS AS COMPLETED.
14. SUBMITTALS, POST CONSTRUCTION: SUBMIT COPIES OF FINAL PRESSURE TEST, FLUSHING AND PLUMBING DISINFECTION REPORTS. SUBMIT COPIES OF COMPLETED MANUFACTURER START UP REPORTS FOR EQUIPMENT.
15. OPERATIONS AND MAINTENANCE MANUALS: SUBMIT ALL TESTING DATA AND COPIES OF APPROVED PRODUCT DATA, INCLUDING MAINTENANCE INFORMATION IN A TABBED, NEATLY ORGANIZED THREE RING BINDER. INCLUDE VALVE IDENTIFICATION CHARTS PROVIDE 3 COPIES TO THE OWNER.
16. PIPE IDENTIFICATION: LABELING SHALL APPEAR AT INTERVALS OF NOT MORE THAN 20 FEET AND AT LEAST ONCE IN EACH ROOM AND EACH STORY TRAVERSED BY THE PIPING SYSTEM. ALL PIPING SHALL BE CLEARLY IDENTIFIED SPECIFICALLY FOR TYPE OF SERVICE WITH COILED PLASTIC PIPE MARKERS AND FLOW DIRECTION ARROWS. ALL LABELS SHALL COMPLY WITH UNIVERSITY STANDARD.
17. RECORD DRAWINGS: MAINTAIN A CURRENT SET OF MARKED UP CONSTRUCTION DRAWINGS ON SITE AT ALL TIMES. PROVIDE A COMPLETE SET OF THESE RECORD MARK-UPS TO THE ARCHITECT AT THE END OF THE PROJECT.
18. ASTM B84 COMPLIANCE: INSULATION AND OTHER MATERIALS SHALL COMPLY WITH THE FLAME AND SMOKE SPREAD RATINGS.
19. USE OF SILICON BASED SEALANTS IS NOT ALLOWED.
20. USE OF PIPE DOPE IS NOT ALLOWED.

PLUMBING PIPING SYSTEMS, GENERAL

PERFORM PLUMBING WORK PER THE LATEST EDITIONS OF THE MAINE PLUMBING CODE (UPC 2015)

1. INSTALL PIPING COMPLETE WITH: PIPE, FITTINGS, VALVES, STRAINERS, HANGERS, SUPPORTS, GUIDES, SLEEVES AND ACCESSORIES. INCLUDE ESCUTCHEONS AT THRU-WALL AND THRU-FLOOR PENETRATIONS IN FINISHED SPACES.
2. PIPE SUPPORTS: PROVIDE ADEQUATE SUPPORT FOR THE PIPE AND CONTENTS TO PREVENT SAGGING, VIBRATION, AND SWAYING AND ALLOW FOR EXPANSION AND CONTRACTION. PROVIDE SUPPLEMENTAL STEEL AS REQUIRED WHERE STRUCTURE CANNOT SUPPORT POINT LOADS. WHERE CONNECTING TO EXISTING ROOF JOISTS, CONNECT AT TOP. CHORD PANEL POINTS ONLY. HORIZONTAL PIPING TO BE SUPPORTED BY FORGED STEEL ADJUSTABLE CLEVIS TYPE HANGERS, UNLESS OTHERWISE NOTED ON DRAWINGS.

A. PROVIDE TRENCHING, SUITABLE FILL, AND CONTINUOUS SUPPORT FOR BURIED SYSTEMS. PROVIDE WARNING TAPE IN TRENCH, ABOVE PIPING PRIOR TO COMPLETION OF BACKFILL.

B. PROVIDE INSULATION SHIELDS ON INSULATED LINES.

PLUMBING FIXTURES

1. FIXTURES TO BE COMMERCIAL GRADE, LOW CONSUMPTION, AND ADA COMPLIANT WHERE INDICATED ON THE PLANS AND WHERE REQUIRED BY CODE.
2. PROVIDE ALL FIXTURES WITH STOP VALVES, CHROME PLATED TUBE SUPPLY, AND FIXTURE TRAPS AS REQUIRED.
3. REFER TO ARCHITECTURAL DOCUMENTS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL PLUMBING FIXTURES.

PLUMBING EQUIPMENT AND SPECIALTIES

1. SHOCK ABSORBERS AND AIR CHAMBERS: PROVIDE WATER HAMMER ARRESTORS ON WATER SUPPLIES TO QUICK CLOSING SOLENOID VALVES. WHERE NOT PROVIDED, CONNECT TO FIXTURES USING AIR CHAMBERS.
2. PROVIDE ACCESS AND ACCESS PANELS TO PROVIDE ACCESSIBLE EQUIPMENT AND SPECIALTIES. WHERE NECESSARY, PROVIDE METAL UNITS WITH LOCKS, CONFIGURATION AND TRIM AS REQUIRED BY FINISH WALL SURFACE. APPROVED MANUFACTURERS INCLUDE: KARP, MILCOR, NYSTROM, OR APPROVED EQUAL.

PLUMBING PIPING

1. PROVIDE ALL PIPING COMPLETE WITH FITTINGS, VALVES, STRAINERS, MOTORIZED VALVE OPERATORS, STRAINERS, HANGERS, SUPPORTS, GUIDES, SLEEVES, AND ACCESSORIES.
2. ALL PRESSURIZED PIPING TO BE TESTED HYDROSTATICALLY TO 150 PSI OR 150% OF OPERATING PRESSURE, WHICHEVER IS GREATER, BUT NEVER EXCEED TEST PRESSURE ANSI B16.1 BASIS. TEST DURATION TO BE 2 HOURS WITH NO PRESSURE CHANGE CORRECTED FOR TEMPERATURE CHANGE.
3. DRAINAGE AND VENT PIPING SHALL BE TESTED. CAP ALL OUTLETS AND FILL PIPING SYSTEM TO OVERFLOWING FROM A POINT AT LEAST 10 FT ABOVE THE FLOOR. WATER LEVEL SHALL REMAIN CONSTANT THROUGHOUT A 2 HOUR TEST DURATION.
4. REPAIR OR REPLACE LEAKS OR DEFECTS WITHOUT ADDITIONAL COST.
5. PROVIDE DIELECTRIC FITTINGS WHERE DISSIMILAR METALS ARE TO BE JOINED.
6. PROVIDE ADEQUATE SUPPORT FOR PIPE AND CONTENTS TO PREVENT SAGGING, VIBRATION, OR SWAYING AND ALLOW FOR EXPANSION AND CONTRACTION. PROVIDE SUPPLEMENTAL STEEL AS REQUIRED WHERE STRUCTURE CANNOT SUPPORT POINT LOADS.
7. ALL EXPOSED PIPING PASSING THROUGH WALLS, FLOORS, CEILINGS, AND PARTITIONS SHALL BE PROVIDED WITH CHROME PLATED CAST BRASS ESCUTCHEONS HELD IN PLACE WITH SET SCREWS.
8. ABOVE GRADE SANITARY DRAINAGE AND VENT PIPING: HUBLESS CAST IRON SOIL PIPE AND FITTINGS WITH ANCON FOUNDRY HUSKY SERIES 4000 EXTRA WIDE HEAVY DUTY GASKETED HUBLESS COUPLINGS.
9. DOMESTIC CW AND HW PIPING SHALL BE COPPER, TYPE L, HARD DRAWN IN ACCORDANCE WITH ASTM B88, AND LEAD-FREE SOLDER JOINTS.
10. INSPECTIONS AND TESTS SHALL BE PERFORMED ON THE PIPING INSTALLATION AS REQUIRED BY CODE.
11. PITCH SANITARY DRAINAGE PIPING AT 1/4" PER FT. PITCH DOMESTIC CW, HW, AND VENT PIPING TOWARDS SOURCE.

DOMESTIC AND NON-POTABLE WATER PIPING SYSTEMS

1. APPLICABLE SYSTEMS:

A. DOMESTIC COLD AND HOT (CW, HW)
2. PROVIDE COMPONENTS AND INSTALLATIONS CAPABLE OF PRODUCING PIPING SYSTEMS WITH THE FOLLOWING MINIMUM WORKING PRESSURE RATINGS, UNLESS OTHERWISE NOTED.

A. ABOVE GROUND WATER PIPING SYSTEMS: 125 PSIG
3. ABOVE GRADE DOMESTIC: HARD DRAWN TYPE L SEAMLESS COPPER TUBING, COPPER FITTINGS AND LEAD-FREE SOLDERED JOINTS, OR VIEGA PRO-PRESS FITTINGS.
4. WATER PIPING SYSTEM VALVES: BRONZE BODIED VALVES, AS MANF BY HAMMOND, JENKINS, NIBCO.

A. SHUT-OFF DUTY: FULL PORT BALL VALVES

B. DIRECTIONAL DUTY: SWING STYLE CHECK VALVES

C. HIGH-POINT VENTS AND LOW POINT DRAINS: FULL PORT BALL VALVES WITH CAP AND CHAIN.

D. THROTTLING DUTY: FIELD ADJUSTABLE CIRCUIT SETTERS.
5. WATER PIPING SYSTEM INSULATION: PROVIDE CLOSED CELL ELASTOMER INSULATION ON ABOVE GRADE WATER PIPING SYSTEMS.

A. PIPING UP TO 1-3/4-INCH: 1/2-INCH THICK

B. PIPING LARGER THAN 1-3/4-INCH: 1-INCH THICK.
6. WATER PIPING SYSTEM TESTING: PRESSURIZE PIPING SYSTEMS TO 1.5 TIMES THEIR WORKING PRESSURE FOR A PERIOD OF 4 HOURS, OR AS DIRECTED BY PLUMBING OFFICIALS. MAKE CORRECTIONS AND RETEST AS NECESSARY. PROVIDE TEST REPORTS.
7. WATER PIPING SYSTEM FLUSHING AND CLEANING: FLUSH PIPING SYSTEMS WITH WATER. DISINFECT WITH A WATER - CHLORINE SOLUTION (50 PPM CHLORINE) FOR 24 HOURS, OR AS DIRECTED BY PLUMBING OFFICIALS. FLUSH SYSTEMS AND PROVIDE WATER QUALITY REPORTING.

SANITARY & STORM DRAINAGE, WASTE AND VENT (DWV) PIPING SYSTEMS

1. APPLICABLE SYSTEMS:

A. SANITARY WASTE AND VENT

B. CONDENSATE DRAIN
2. PROVIDE COMPONENTS AND INSTALLATIONS CAPABLE OF PRODUCING PIPING SYSTEMS WITH THE FOLLOWING MINIMUM WORKING PRESSURE RATINGS, UNLESS OTHERWISE NOTED.

A. GRAVITY FLOW DWV PIPING SYSTEMS: 10 FT. HEAD.
3. ABOVE GRADE GRAVITY FLOW WASTE AND VENT PIPING SYSTEMS:

A. SCHEDULE 40 PVC: GLUE JOINTS

B. DWV TYPE COPPER WHEN EXPOSED TO RESIDENTS

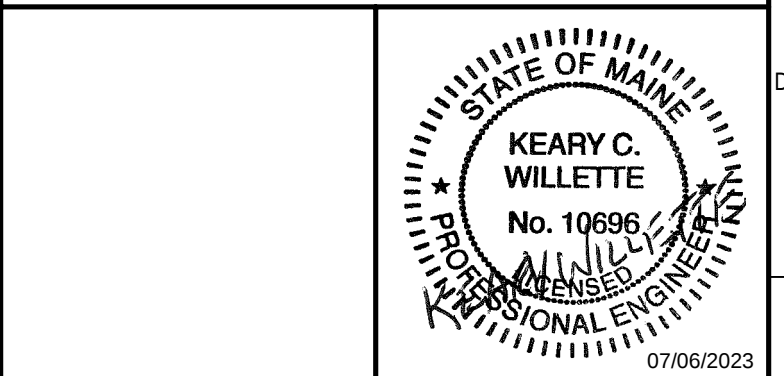
C. TYPE L COPPER FOR CONDENSATE DRAIN

D. PLUMBING FIXTURE P-TRAPS & TAIL PIPES: CHROME PLATED, CAST BRASS
4. PROVIDE TRUBOR LAV GUARD 2 INSULATION AND COVERS ON ALL EXPOSED P-TRAPS, STOPS AND FLEX TO SINKS.

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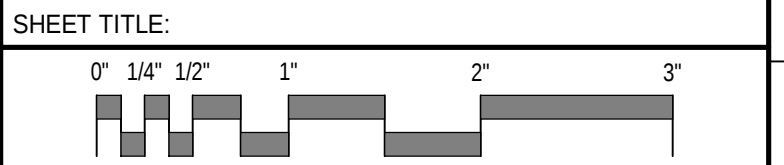


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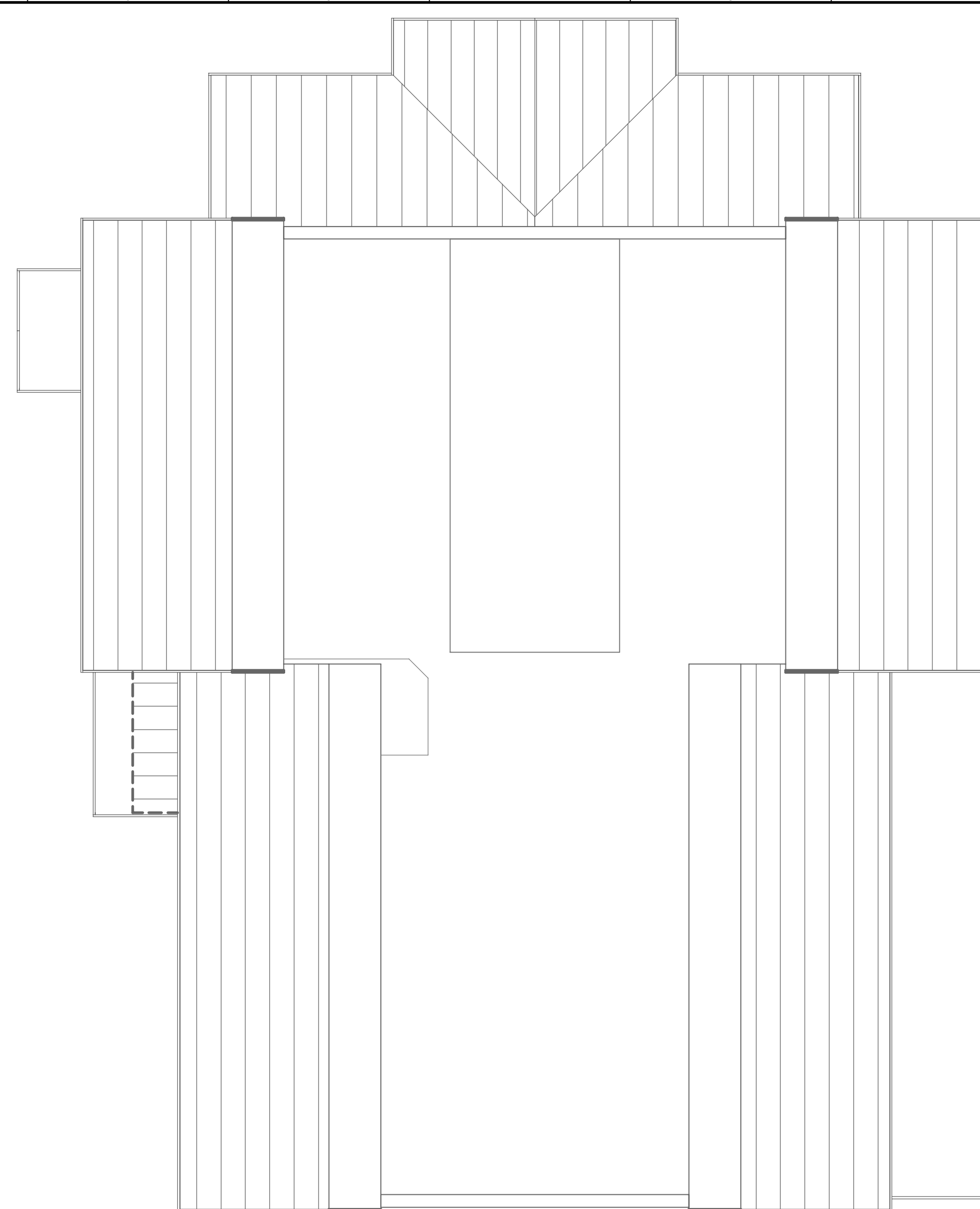
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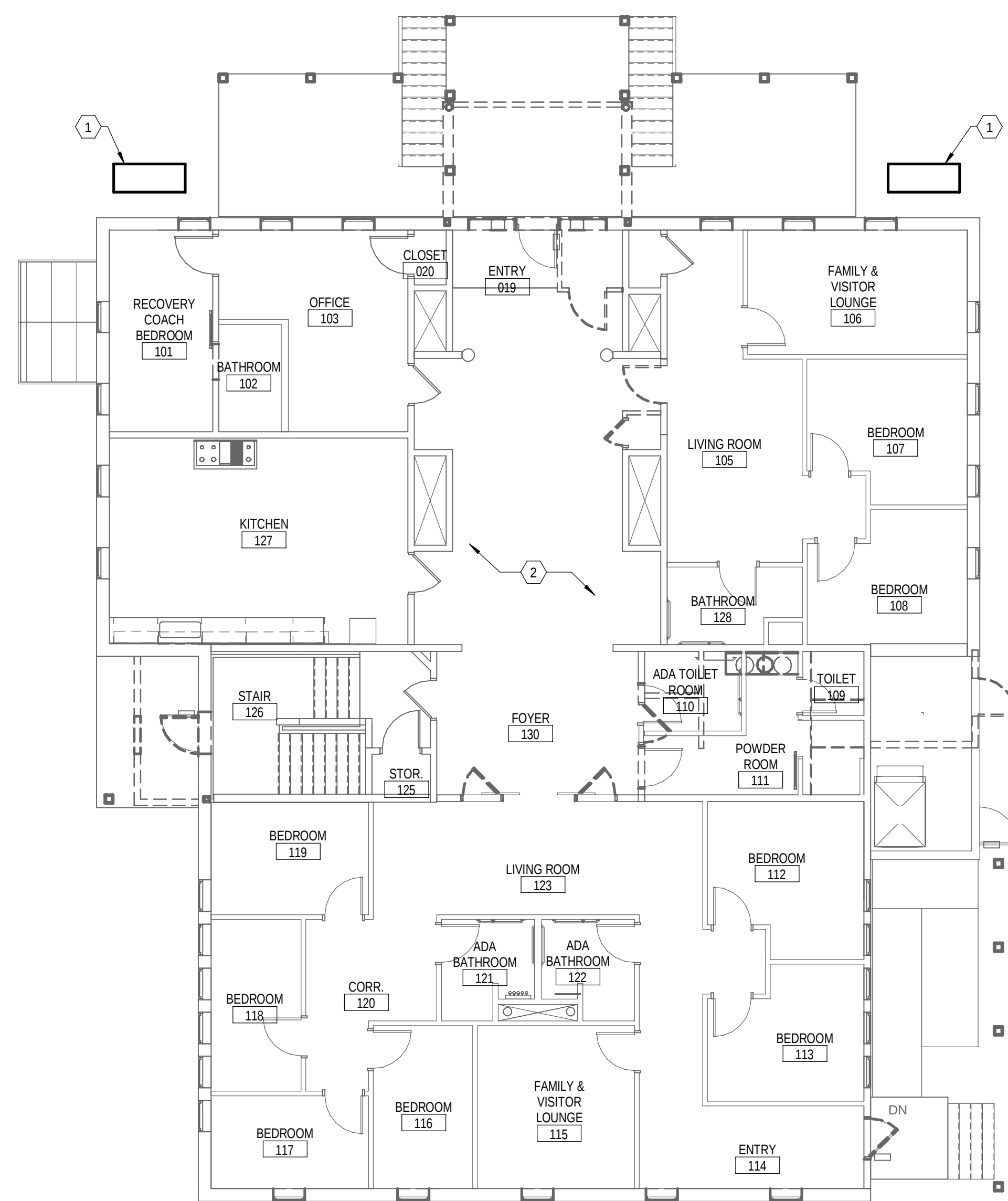
PROJECT LOCATION
MECHANICAL AND PLUMBING
NOTES AND SPECIFICATIONS



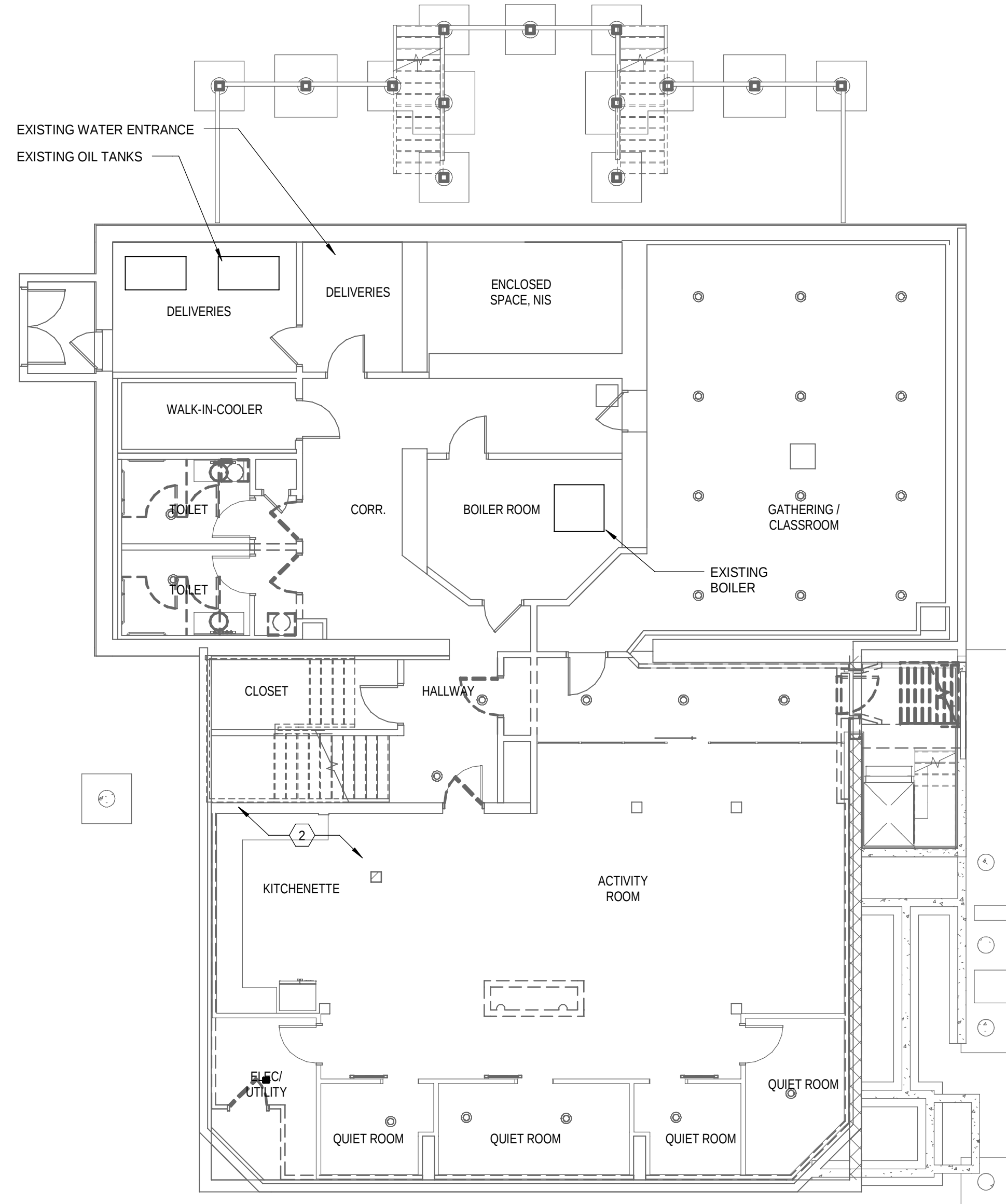
SCALE: AS NOTED	
PROJECT MANAGER: RSC	PROJECT NO: 23039
A/E OF RECORD: KCW	
JOB CAPTAIN: RLS	
DRAWN BY: ERB	
SMRT FILE: M-002-23039	SHEET NO. M-002



ROOF PLAN $\frac{1}{8}'' = 1'-0''$ H1



LEVEL 1 MECHANICAL AND PLUMBING PLAN A8
1/8" = 1'-0"



BASEMENT MECHANICAL AND PLUMBING PLAN A1
1/8" = 1'-0"

NOTES:

1. SEE SHEETS M-001 AND M-002 FOR MECHANICAL AND PLUMBING NOTES AND SPECIFICATIONS.

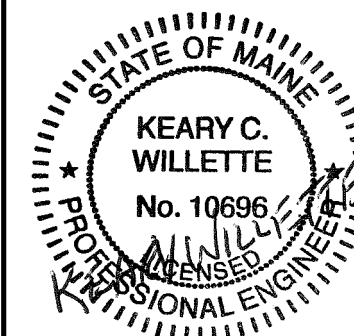
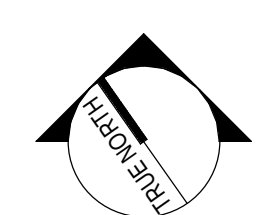
KEYNOTES

KEYNOTE	KEYNOTE DESCRIPTION
1	OUTDOOR CONDENSING UNITS FOR MINISPLIT SYSTEMS (IF OPTION SELECTED). EXACT QUANTITY AND LOCATION TO BE DETERMINED BY CONTRACTOR. MOUNT CONDENSING UNITS ON WALL A MINIMUM OF 24" ABOVE GRADE. INDOOR UNIT SIZE/QUANTITIES TO BE DETERMINED BY MECHANICAL CONTRACTOR. COORDINATE WITH ELECTRICAL.
2	BUILDING SPACE TEMPERATURE SETPOINTS SHALL BE 70 DEG F HEATING, BID ALTERNATE: BUILDING SPACE TEMPERATURE SETPOINTS SHALL BE 70 DEG F HEATING AND 75 DEG F COOLING

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PROJECT LOCATION

MECHANICAL FLOOR PLANS

SHEET TITLE



SCALE: AS NOTED

PROJECT MANAGE

A/E OF RECORD:

JOB CAPTAIN:

RSC

KCW

RLS

FRR

M-100

LIGHTING

2x4 FIXTURE
ASSOCIATED CONTROL DEVICE
FIXTURE TYPE (SEE LIGHT FIXTURE SCHEDULE)

1x4 FIXTURE
2x2 FIXTURE

FIXTURE WIRED TO UNSWITCHED NORMAL CIRCUIT

FIXTURE WIRED TO UNSWITCHED EMERGENCY SOURCE (INVERTER)
- FIXTURE SHALL ALSO OPERATE AS NIGHT LIGHT (24 OPERATION)

FIXTURE WIRED TO SWITCHED EMERGENCY CIRCUIT

DOWN LIGHT

INDUSTRIAL STRIP

WALL MOUNTED FIXTURES

TRACK LIGHTING

POLE MOUNTED SITE LIGHTING FIXTURE
FIXTURE TYPE (SEE LIGHT FIXTURE SCHEDULE)

FLOOD LIGHT

WALL WASH LIGHT FIXTURE

EXIT SIGN, CEILING MOUNTED
ARROW INDICATES EGRESS DIRECTION
SHADING INDICATES SIGN FACE

EXIT SIGN, WALL MOUNTED
SHADING INDICATES SIGN FACE

DUAL HEAD EMERGENCY LIGHT BATTERY PACK
TD - TIME DELAY RESET

REMOTE EMERGENCY LIGHTING HEAD

WALL PACK

3-WAY TOGGLE SWITCH

Sa SINGLE POLE TOGGLE SWITCH
INDICATES CONTROLLED FIXTURE

S4 4-WAY TOGGLE SWITCH

S11 DUAL LEVEL SWITCHING

S0 DIMMER SWITCH, INCANDESCENT OR
FLUORESCENT AS REQUIRED.

Sp TOGGLE SWITCH WITH PILOT LIGHT

Sr TIMER SWITCH, SPRING WOUND

Sdt SINGLE POLE DOUBLE THROW TOGGLE
SWITCH, CENTER POSITION OFF

Swp WEATHER PROOF

Sxp EXPLOSION PROOF

Sqs OCCUPANCY SENSOR SWITCH

Svd VACANCY SENSOR (MANUAL ON/AUTO OFF) SWITCH
W/INTEGRAL 0-10V DIMMING

OCCUPANCY SENSOR
a INDICATES CONTROLLED FIXTURE
INDICATES AIMING DIRECTION

OCSR OCCUPANCY SENSOR RELAY

DS DAYLIGHT SENSOR
LIGHTS CONTROLLED BY SENSOR

COMMUNICATION & DATA SYSTEMS

TELEPHONE SYSTEM WALL JACK
W-INDICATES WALL MOUNTED AT 60" AFF
P-INDICATES PAYPHONE
(2)-INDICATES 2 OUTLETS, SINGLE BOX

DATA SYSTEM OUTLET

COMBINATION VOICE/DATA SYSTEM OUTLET
D-DATA LINE V-VOICE LINE I-TV VIDEO LINE

UNDERFLOOR TELEPHONE SYSTEM OUTLET

UNDERFLOOR DATA SYSTEM OUTLET

UNDERFLOOR VOICE & DATA OUTLET

CABLE TELEVISION SYSTEM OUTLET, MOUNT 18" AFF
UNLESS OTHERWISE NOTED

CLOSED CIRCUIT TELEVISION OUTLET, MOUNT 18" AFF
UNLESS OTHERWISE NOTED

PAGING SYSTEM CONTROL PANEL AND PAGING AMPLIFIER

PAGING SYSTEM SPEAKER, CEILING MOUNTED

PAGING SYSTEM SPEAKER, WALL MOUNT AT 7'-6" AFF
1. FLUSH, 2. SURFACE, 3. HORN, 4. DUAL HORN

VOLUME CONTROL

INTERCOM SYSTEM HAND KEY

CLOCK SPEAKER

INTERCOM SYSTEM HAND SET

WALL MOUNTED CLOCK

CEILING MOUNTED DATA SYSTEM OUTLET

EQUIPMENT MONITORING CONNECTION

POWER

NON-FUSED SAFETY SWITCH
AMPERE RATING
NEMA ENCLOSURE RATING

FUSED SAFETY SWITCH, TOP NUMBER INDICATES SWITCH
AMPERE RATING, LOWER NUMBER INDICATES FUSE RATING
NEMA ENCLOSURE

MAGNETIC MOTOR STARTER, FVNR UNLESS INDICATED OTHERWISE
INDICATES CIRCUIT BREAKER AMPERE RATING SECOND NUMBER INDICATES
NEMA STARTER SIZE

COMBINATION CIRCUIT BREAKER/MAGNETIC MOTOR STARTER FIRST NUMBER
NUMBERS INDICATE DISCONNECT AMPERE RATING/FUSE RATING/NEMA
STARTER SIZE

NON-FUSED DISCONNECT/MAGNETIC MOTOR STARTER FIRST NUMBER
INDICATES CIRCUIT BREAKER AMPERE RATING SECOND NUMBER INDICATES
NEMA STARTER SIZE

MANUAL MOTOR STARTER, TOGGLE OPERATED, 1,2 OR 3 POLE AS
REQUIRED, OVERLOAD PROTECTION

MANUAL MOTOR SWITCH, TOGGLE OPERATED, SINGLE PHASE, 1 OR 2
POLE AS REQUIRED (NO OVERLOAD PROTECTION)

ENCLOSED CIRCUIT BREAKER
AMPERE RATING

ELECTRIC MOTOR, NUMBER INDICATES HORSEPOWER RATING

EXPLOSION PROOF MOTOR

VARIABLE AIR VOLUME CONTROL ACTUATORS

LOCAL SELECTOR SWITCH
H/O/A - HAND/OFF/AUTO

EMERGENCY OFF BREAK GLASS STATION

PUSHBUTTON STATION

JUNCTION BOX

TRANSFORMER

POWER POLE

CONDUIT TURNING UP

CONDUIT TURNING DOWN

EY CONDUIT SEAL

DUPLEX RECEPTACLE, NEMA 5-20R
INSTALLED ON EMERGENCY CIRCUIT (TYPICAL)

GFI DUPLEX RECEPTACLE, NEMA 5-20R
PROVIDE WEATHER RESISTANT RECEPTACLE WITH
WEATHERPROOF-IN-USE COVER

HOSPITAL GRADE DUPLEX RECEPTACLE, NEMA 5-20R

HOSPITAL GRADE GFCI DUPLEX RECEPTACLE, NEMA 5-20R

HOSPITAL GRADE ISOLATED GROUND DUPLEX RECEPTACLE, NEMA 5-20R

SINGLE RECEPTACLE, NEMA 5-20R

DOUBLE DUPLEX (QUADRUPLX) RECEPTACLE, NEMA 5-20R

HOSPITAL GRADE DOUBLE DUPLEX RECEPTACLE NEMA 5-20R

SWITCHED RECEPTACLE

FLOOR OUTLET, DUPLEX RECEPTACLE, NEMA 5-20R

POWER RECEPTACLE, 480 VOLT NEMA CONFIGURATION AS NOTED.

POWER RECEPTACLE, 240 VOLT NEMA CONFIGURATION AS NOTED.

PANELBOARD, NORMAL POWER

PANELBOARD, EMERGENCY POWER

MULTI OUTLET ASSEMBLY

GRAPHIC CONTROL PANEL

BRANCH
CIRCUIT NUMBER
INDICATES PANEL NAME

EQUIPMENT TAG

HOME RUN TO INDICATED PANEL

FIRE ALARM

FIRE ALARM CONTROL PANEL

FIRE ALARM ANNUNCIATOR

FIRE ALARM MASTER BOX

FIRE ALARM MANUAL PULL STATION

FIRE ALARM SPEAKER/STROBE UNIT

FIRE ALARM AUDIBLE/VISIBLE
NOTIFICATION APPLIANCE (GENERAL
EVACUATION)

FIRE ALARM AUDIBLE/VISIBLE
NOTIFICATION APPLIANCE CLEAN
ROOM NOTIFICATION (LOCAL)

FIRE ALARM VISIBLE ONLY NOTIFICATION APPLIANCE
CANDELA INTENSITY-15/75 UNLESS OTHERWISE NOTED
CEILING MOUNTED

PHOTOELECTRIC SMOKE DETECTOR, CEILING MOUNTED
INDICATES AUXILIARY CONTACT.

FIXED TEMPERATURE HEAT DETECTOR, CEILING MOUNTED.

INDICATES EQUIPMENT INTERLOCKED WITH THE DETECTOR

CLEAN ROOM SMOKE DETECTOR

INDICATES EQUIPMENT INTERLOCKED WITH THE
SMOKE DETECTOR

HEAT DETECTOR, CEILING MOUNTED
COMBINATION RATE-OF-RISE/FIXED
TEMPERATURE

DUCT SMOKE DETECTOR, PHOTOELECTRIC WITH AUXILIARY CONTACT.

SPRINKLER SYSTEM FLOW SWITCH

SPRINKLER SYSTEM TAMPER SWITCH

FIRE ALARM SYSTEM MAGNETIC DOOR HOLDER

INTERLOCK RELAY

SMOKE DAMPER

DUCT SMOKE DETECTOR REMOTE TEST INDICATOR

KNOX BOX

SECURITY SYSTEMS

DOOR CONTACT

CARD READER

KEY PAD

CLOSED CIRCUIT TELEVISION CAMERA

ELECTRIC STRIKE

MAG LOCK

DOOR INTERLOCK SYSTEMS

ALL DOOR INTERLOCK SYSTEM COMPONENTS SHALL BE PROVIDED BY OWNER SECURITY
VENDOR. ALL PATHWAYS AND POWER TO DOOR OPERATORS BY ELECTRICAL CONTRACTOR.

WAVE SENSOR

GROUNDING

GROUND ROD

EXOTHERMIC WELD CONNECTION

BOLTED CONNECTION

BARE COPPER CONDUCTOR RUN EXPOSED

BARE COPPER CONDUCTOR EMBEDDED IN CONCRETE OR BURIED

LINE TYPES

EXISTING

NEW

DEMOLITION

GENERAL NOTE

ALL GENERAL NOTES, SYMBOL LISTS, AND DETAILS ARE TO
BE CONSIDERED AS APPLICABLE TO ALL ELECTRICAL
DRAWINGS FOR THIS PROJECT. SYMBOLS AND
ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR
REFERENCE ONLY AND DO NOT INDICATE THEIR
INCORPORATION IN THE DESIGN.

ABBREVIATIONS

A-AMP AMPERE
AFF ABOVE FINISHED FLOOR
AFG ABOVE FINISHED GRADE
AHJ AUTHORITY HAVING JURISDICTION
AIC AMPERE INTERRUPTING CAPACITY
AWG AMERICAN WIRE GAUGE
BFG BELOW FINISHED GRADE
BOS BOTTOM OF STEEL
C CONDUIT, CONDUCTOR
CATV CABLE TELEVISION
CB CIRCUIT BREAKER
CCTV CLOSED CIRCUIT TELEVISION
CPT CONTROL POWER TRANSFORMER
CT CURRENT TRANSFORMER
CU COPPER
DACT DIGITAL ALARM COMMUNICATOR TRANSMITTER
DB DIRECT BURIED
DISC DISCONNECT
DN DOWN
EMT ELECTRICAL METALLIC TUBING
EWC ELECTRIC WATER COOLER
FAA FIRE ALARM ANNUNCIATOR
FACP FIRE ALARM CONTROL PANEL
FBO FURNISHED BY OTHERS
FU FUSE
FWE FURNISHED WITH EQUIPMENT
GEN GENERATOR
GFCI GROUND FAULT CIRCUIT BREAKER
GND GROUND
HP HORSEPOWER
HTR HEATER
IG ISOLATED GROUND
IMC INTERMEDIATE METAL CONDUIT
K KILO
KCMIL THOUSAND CIRCULAR MILS
KV KILOVOLT
KVA KILOVOLT-AMPERE
KVAR KILOVOLT-AMPERE REACTIVE
KW KILOWATT
KWH KILOWATT-HOUR

LA LIGHTNING ARRESTER
LTG LIGHTING
MC METAL CLAD
MCB MAIN CIRCUIT BREAKER
MFR MANUFACTURER
MI MINERAL INSULATED
MLO MAIN LUG ONLY
MTD MOUNTED
MV MEDIUM VOLTAGE
NC NORMALLY CLOSED
NEC NATIONAL ELECTRICAL CODE
NEG NEGATIVE
NEUT NEUTRAL
NIC NOT IN CONTRACT
NO NORMALLY OPEN
NTS NOT TO SCALE
PF POWER FACTOR
PH PHASE
PVC POLYVINYL CHLORIDE
RGS RIGID STEEL CONDUIT
RSC RIGID STEEL CONDUIT
RTD RESISTANCE TEMPERATURE DETECTOR
SN SOLID NEUTRAL
STP SHIELDED TWISTED PAIR
STT SHIELDED TWISTED TRIPLET
SWBD SWITCHBOARD
SWGR SWITCHGEAR
TOS TOP OF STEEL
TRANSF TRANSFORMER
TVSS TRANSIENT VOLTAGE SURGE SUPPRESSOR
V VOLT
VA VOLT-AMPERE
VAR VOLT-AMPERE REACTIVE
WM WATT METER
WP WEATHER PROOF
XFMR TRANSFORMER
XP EXPLOSION PROOF

ELECTRICAL DEMOLITION NOTES:

1. WIRING FOR ALL EXISTING BRANCH CIRCUITS DEVICES TO BE DEMOLISHED AND NOT REUSED SHALL BE
REMOVED BACK TO THE PANELBOARD. THE ASSOCIATED CIRCUIT BREAKER SHALL BE TURNED OFF AND
MARKED AS SPARE IN THE PANELBOARD DIRECTORY. DO NOT ABANDON BRANCH CIRCUIT WIRING ABOVE
CEILINGS OR IN WIREWAYS.
2. ALL EXPOSED RACEWAYS AND CABLES IN FINISHED SPACES, NO LONGER IN USE, SHALL BE REMOVED.
3. MAINTAIN, OR RESTORE IF INTERRUPTED BY REMOVALS, OR IN PATH OF NEW CONSTRUCTION, ALL CONDUITS,
BRANCH CIRCUITS, AND FEEDERS PASSING THROUGH AND SERVICE UNDISTURBED AREAS (SHOWN OR NOT
SHOWN).
4. ALL EXISTING CONDUITS STUBBED THROUGH FLOORS OR ROOF, SERVING ITEMS TO BE REMOVED (SHOWN OR
NOT SHOWN), AND NOT REQUIRED TO BE REUSED, SHALL BE CUT OFF FLUSH WITH SLAB OR ROOF DECK AND
SEALED.
5. IN ANY AREA REQUIRING THE PERFORMANCE OF ANY TRADE'S WORK, ALL ELECTRICAL ITEMS WITHIN PATH OF
WORK SHALL BE CAREFULLY REMOVED AND STORED. ITEMS SHALL BE REINSTALLED AND RECONNECTED AS
REQUIRED TO RESTORE SYSTEM COMPONENTS, IN ACCORDANCE WITH PLANS, AND/OR AS DIRECTED AFTER
COMPLETION OF OTHER TRADES' WORK IN THAT AREA.
6. ALL EXISTING FIXTURES AND ELECTRICAL DEVICES TO BE REMOVED, AND NOT RELOCATED, SHALL BE TURNED
OVER TO THE OWNER. IF THE OWNER DECIDES THEY DO NOT WISH TO KEEP REMOVED ITEM, IT IS THE
RESPONSIBILITY OF THE EC TO REMOVE FROM SITE.

GENERAL ELECTRICAL NOTES:

1. ALL WORK SHALL BE INSTALLED IN A NEAT AND WORKMAN LIKE MANNER, RECTILINEAR TO BUILDING STRUCTURE,
AND IN ACCORDANCE WITH ALL APPLICABLE CODES, INCLUDING BUT NOT LIMITED TO NFPA 70, NFPA 90A, NFPA 101,
AND THE AUTHORITY HAVING JURISDICTION.
2. CONTRACTOR SHALL REVIEW ALL TRADES CONTRACT DOCUMENTS AND FIELD VERIFY TO DETERMINE SPECIFIC
MOUNTING LOCATIONS FOR ELECTRICAL EQUIPMENT AND CONDUITS.
3. COORDINATE ARRANGEMENTS, MOUNTING, AND SUPPORT OF ELECTRICAL CONDUIT AND EQUIPMENT TO PROVIDE
FOR EASE OF DISCONNECTING THE EQUIPMENT WITH MINIMUM INTERFERENCE TO OTHER INSTALLATION, TO
ALLOW RIGHT OF WAY FOR PIPING INSTALLED AT A REQUIRED SLOPE, AND SO CONNECTING RACEWAYS SHALL BE
CLEAR OF OBSTRUCTIONS AND OF THE WORKING AND ACCESS SPACE OF OTHER EQUIPMENT.
4. UNLESS OTHERWISE NOTED, CONVENIENCE RECEPTACLES AND DATA SYSTEM OUTLETS SHALL BE MOUNTED AT 18-
INCHES AFF. LIGHTING CONTROL DEVICES SHALL BE MOUNTED AT 48-INCHES AFF AND FIRE ALARM NOTIFICATION
DEVICES SHALL BE MOUNTED AT 80-INCHES AFF OR 6-INCHES BELOW CEILING, WHICHEVER IS LOWER.
5. ALL PENETRATIONS THROUGH FLOORS, RATED WALLS, AND PARTITIONS SHALL BE SEALED WITH UL APPROVED FIRE
SEALANT MATERIAL TO MAINTAIN THE RATING OF THE SEPARATION.
6. DEVICES SHALL NOT BE INSTALLED BACK-TO-BACK IN ADJACENT ROOMS. ADJUST LOCATIONS AS NECESSARY TO
AVOID THIS CONDITION.
7. ALL ENCLOSURES, CONDUIT BODIES, AND THEIR COVERS CONTAINING FIRE ALARM SYSTEM CONDUCTORS SHALL
BE PAINTED RED.
8. UNLESS OTHER NOTED, WIRING SHALL BE (2) #12 AWG CONDUCTORS AND #12 GND. HOME RUNS FED FROM 20A-1P
CIRCUITS IN EXCESS OF 100 FEET SHALL BE INCREASED TO A MINIMUM OF CONDUCTOR SIZE OF #10 AWG. RUN A
SEPARATE NEUTRAL WIRE FOR EACH DEDICATED BRANCH CIRCUIT INDICATED ON THE PLANS.
9. AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED WITH EVERY FEEDER AND BRANCH CIRCUIT.
10. FLEXIBLE CONNECTIONS TO MOTORS SHALL BE LIQUID TIGHT FLEXIBLE METAL CONDUIT, UNLESS NOTED
OTHERWISE.
11. ALL CONVEINCE RECEPTACLES SHALL BE COMMERCIAL SPECIFICATION GRADE, GROUNDING, TYPE NEMA 5-20R,
SIDE WIRED. DEVICE COLORS AND ASSOCIATED FACEPLATES SHALL MATCH EXISTING FINISH COLOR.
12. ALL DEVICES SHALL BE LABELED WITH CIRCUIT NUMBER.
13. OCCUPANCY SENSORS SHALL BE DUAL TECHNOLOGY, HARDWIRED WITH POWER PACK AND MINIMUM COVERAGE
OF 1,000 SQ FT. PROVIDE (1) OCCUPANCY SENSOR FOR EVERY 800 SQ FT. ARRANGE SO NO AREA OF ROOM IS
WITHOUT COVERAGE. PROVIDE ADDITIONAL OCCUPANCY SENSORS AS REQUIRED TO ACHIEVE COVERAGE AS
INDICATED. PROVIDE MANUAL ON/OFF CONTROL AT EACH SPACE ENTRANCE.
14. ALL WIRING SHALL BE 600V, COPPER WITH THINWTHWN INSULATION.
15. COORDINATE FINAL LOCATION OF FIXTURE AND DEVICES WITH ARCHITECTURAL ELEVATIONS.
16. COORDINATE W/ CONTROLS CONTRACTOR TO PROVIDE POWER FOR ALL MISCELLANEOUS CONTROL OPERATORS
AND PANELS.
17. PROVIDE 38" NYLON PULL STRING IN ALL EMPTY SERVICE RACEWAYS.

8	ISSUE FOR CONSTRUCTION	07-14-23
REV	DESCRIPTION	DATE

ISSUE FOR CONSTRUCTION
07-14-23

CURRENT ISSUE STATUS:



SMRT Architecture • Engineering • Planning

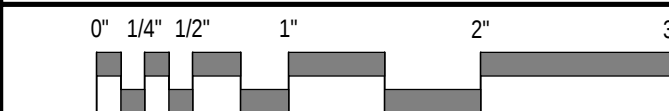
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HOME; FAMILY & FRIENDS CENTER

40 OXFORD ST, MILLINOCKET, MAINE

LEGEND AND GENERAL NOTES

SHEET TITLE:



SCALE: AS NOTED

PROJECT MANAGER: RSC PROJECT NO: 23039

A/E OF RECORD: LWJ

JOB CAPTAIN: ACL

DRAWN BY: LWJ

SMRT FILE: E-001-23039 SHEET NO. 001 OF 001

E-001

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GENERAL ELECTRICAL

1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE TO RULES, REGULATIONS, STANDARDS, CODES, ORDINANCES, AND LAWS OF LOCAL, STATE, AND FEDERAL GOVERNMENTS, AND OTHER AUTHORITIES HAVING JURISDICTION.

2. MATERIALS AND EQUIPMENT SHALL BE MANUFACTURED, INSTALLED, AND TESTED AS SPECIFIED IN LATEST EDITIONS OF PUBLICATIONS, STANDARDS, RULINGS, AND CODES. ALL MATERIAL AND EQUIPMENT SHALL BE LISTED BY UNDERWRITERS LABORATORIES (UL), AND APPROVED FOR INTENDED SERVICE.

3. PROVIDE SUBMITTALS, INCLUDING PRODUCT DATA AND WIRING DIAGRAMS, FOR ALL SECTIONS LISTED BELOW.

4. THE INTENTION OF THESE CONTRACT DOCUMENT IS TO CALL FOR FINISHED WORK, FULLY TESTED, AND READY OF OPERATION. ANY COMPONENTS OR LABOR NOT SHOWN ON DRAWINGS BUT REQUIRED FOR FUNCTIONING SYSTEM SHALL BE PROVIDED.

5. THE LISTING OF ELECTRICAL DRAWINGS DOES NOT LIMIT RESPONSIBILITY OF DETERMINING THE FULL EXTENT OF WORK REQUIRED BY CONTRACT DOCUMENTS. THE ELECTRICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL, PLUMBING, HVAC, STRUCTURAL, AND OTHER DRAWINGS AND SECTIONS THAT INDICATE TYPES OF CONSTRUCTION WITH WHICH WORK MUST BE COORDINATED. ELECTRICAL CONTRACTOR SHALL CHECK WITH THE GENERAL CONTRACTOR AND OTHER TRADES TO DETERMINE WHETHER THERE WILL BE ANY INTERFERENCE BY SUCH TRADES WITH THE ELECTRICAL WORK. IF THE ELECTRICAL CONTRACTOR FAILS TO CHECK WITH THE GENERAL CONTRACTOR AND THE ELECTRICAL WORK IS LATER FOUND TO INTERFERE WITH OTHER WORK, THE ELECTRICAL CONTRACTOR SHALL MAKE NECESSARY CHANGES, WITHOUT ADDITIONAL COST TO THE OWNER, TO ELIMINATE SUCH INTERFERENCE.

6. WHEN REQUIREMENTS CITED IN THIS PARAGRAPH CONFLICT WITH EACH OTHER OR WITH CONTRACT DOCUMENTS, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN CONDUCT OF WORK.

LOW VOLTAGE CONDUCTORS

1. ALL CONDUCTOR INSULATION SHALL BE RATED 600V.

2. MOTOR BRANCH CIRCUITS SHALL BE TYPE XHHW-2 IN A METALLIC RACEWAY. CONDUCTOR SHALL BE STRANDED WITH A MINIMUM SIZE #14 AWG.

3. ALL LIGHTING AND CONVENIENCE RECEPTACLE BRANCH CIRCUITS SHALL BE TYPE THHN/THWN IN METALLIC RACEWAY OR TYPE MC CABLE, AS ALLOWED BY CODE. BRANCH CIRCUIT WIRING SHALL BE SOLID OR STRANDED, MINIMUM SIZE #12 AWG.

4. CONTROL WIRING SHALL BE THHN/THWN IN METALLIC RACEWAY. CONDUCTOR SHALL BE STRANDED WITH A MINIMUM SIZE #14 AWG.

GROUNDING AND BONDING

1. ALL PRODUCTS SHALL BE UL 467 LISTED.

2. BARE GROUNDING CONDUCTOR SHALL BE SOFT DRAWN STRANDED COPPER, SIZED IN ACCORDANCE WITH NEC ARTICLE 250, UNLESS OTHER NOTED ON DRAWINGS.

3. INSULATED GROUNDING CONDUCTOR SHALL BE STRANDED COPPER WITH TYPE TW, THW, OR THHN/THWN INSULATION COLORED GREEN.

4. A SEPARATE INSULATED GREEN COPPER CONDUCTOR SHALL BE INSTALLED AS AN EQUIPMENT GROUNDING CONDUCTOR IN ALL RACEWAY AND WITH EVERY BRANCH CIRCUIT AND CONTROL CIRCUIT. THIS SHALL BE IN ADDITION TO THE GROUNDED METALLIC CONDUIT SYSTEM.

5. ALL CONNECTIONS TO BUILDING STEEL SHALL BE EXOTHERMIC WELD. CONNECTIONS TO EQUIPMENT GROUND BUSES OR PADS SHALL BE COMPRESSIONS TYPE LUGS, BOLTED TO THE BUS OR PAD.

RACEWAYS AND BOXES

1. INDOORS: APPLY RACEWAY PRODUCTS AS SPECIFIED BELOW UNLESS NOTED OTHERWISE ON DRAWINGS:

1.1. EXPOSED, NOT SUBJECT TO PHYSICAL DAMAGE: EMT.

1.2. CONCEALED IN CEILINGS AND INTERIOR WALLS AND PARTITIONS: MC CABLE.

1.3. CONNECTION TO VIBRATING EQUIPMENT: FMC, EXCEPT USE LFMC IN DAMP OR WET LOCATIONS.

1.4. BOXES AND ENCLOSURES: NEMA 250, TYPE 1.

2. MINIMUM RACEWAY SIZE: 3/4"-TRADE SIZE

3. RACEWAY FITTINGS: COMPATIBLE WITH RACEWAYS AND SUITABLE FOR USE AND LOCATION.

3.1. EMT: USE SETSCREW OR COMPRESSIONS, STEEL FITTINGS. COMPLY WITH NEMA FB2.10.

3.2. FLEXIBLE CONDUIT: USE ONLY FITTINGS LISTED FOR USE WITH FLEXIBLE CONDUIT. COMPLY WITH NEMA FB 2.20.

CONDUCTOR TERMINATIONS

1. SPLICES AND TAPS IN LIGHTING AND BRANCH CIRCUIT WIRING SHALL BE 3M SCOTCHLOK SPRING CONNECTIONS OR EQUAL.

2. TERMINAL LUGS, CONNECTORS, AND SPLICES SHALL BE TIN PLATED, HIGH CONDUCTIVITY COPPER COMPRESSION TYPE. THEY SHALL HAVE CHAMFERED BARRELS AND BE PERMANENTLY IDENTIFIED WITH CONDUCTOR SIZES.

3. SPLICES SHALL BE LONG BARREL BUTT TYPE WITH A CENTER STOP IN THE SPLICE BARREL.

4. FOR NON-JACKETED METAL CLAD CABLE IN DRY LOCATIONS, CABLE TERMINATIONS SHALL BE OZ GEDNEY TYPE PK FOR USE WITH GALVANIZED STEEL ARMOR OR TYPE PK-A FOR USE WITH ALUMINUM ARMOR. CABLE TERMINATIONS SHALL BE PROVIDED WITH LOCKNUTS AND BUSHINGS.

IDENTIFICATION

1. ALL POWER WIRING CONDUCTORS SHALL BE COLOR CODED AS FOLLOWS:

PHASE

208Y/120V

480Y/277V

PHASE A

BLACK

BROWN

PHASE B

RED

ORANGE

PHASE C

BLUE

YELLOW

NEUTRAL

WHITE

GRAY

GROUND

GREEN

GREEN

2. ALL PANELBOARDS WITH LOADS MODIFIED BY THIS PROJECT SHALL BE PROVIDED WITH REVISED, TYPEWRITTEN PANELBOARD DIRECTORIES.

3. ALL JUNCTION BOXES SHALL BE LABELED WITH CIRCUIT INFORMATION.

LIGHTING CONTROL DEVICES

1. VACANCY SENSORS SHALL DUAL-TECHNOLOGY (PIR AND ULTRASONIC) TYPE WITH MANUAL ON/AUTOMATIC OFF OPERATION.

1.1. DETECTION COVERAGE: DETECT OCCUPANCY WITHIN A 180-DEGREE PATTERN CENTERED ON THE SENSOR OVER AN AREA OF 900 SQUARE FEET.

1.2. ADAPTIVE TECHNOLOGY: SENSOR SHALL HAVE SELF-ADJUSTING CIRCUITRY TO DETECT AND MEMORIZES USAGE PATTERNS OF THE SPACE TO HELP ELIMINATE FALSE "OFF" SWITCHING.

1.3. WHERE INDICATED ON THE DRAWINGS, 0-10V DIMMING SHALL BE PROVIDED INTEGRAL TO VACANCY SENSOR. BASIS OF DESIGN SHALL BE WATTSTOPPER, CAT. NO. DW-311.

WIRING DEVICES

1. RECEPTACLES SHALL BE SPECIFICATION GRADE, 125V, 20A RATED DUPLEX RECEPTACLE. RECEPTACLE SHALL COMPLY WITH NEMA WD 6, CONFIGURATION 5-20R.

2. SPECIFICATION GRADE, GFCI RECEPTACLES SHALL BE INSTALLED WITHIN 6 FEET OF ANY WATER SOURCE. GFCI RECEPTACLES SHALL BE SELF-TESTING TYPE.

3. WIRING DEVICE COLOR SHALL COORDINATED WITH OWNER AND ARCHITECT.

INTERIOR LIGHTING

1. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE LIGHT FIXTURES AS SPECIFIED ON DRAWINGS OR COMPARABLE PRODUCT BY ANOTHER MANUFACTURER.

2. LIGHT FIXTURES SHALL BE PROVIDED WITH HOUSINGS, TRIMS, DRIVERS, REFLECTORS, WIRING, AND ALL OTHER COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION.

3. LED FIXTURES

3.1. LEDS INSTALLED WITHIN SAME FIXTURE SHALL COLOR MATCHED UTILIZING A 3-STEP MACADAM ELLIPSE STANDARD OR BETTER.

3.2. PROVIDE KELVIN COLOR TEMPERATURE AS SPECIFIED IN THE FIXTURE SCHEDULE. IF FIXTURE CATALOG NUMBER DOES NOT SPECIFY, STANDARD COLOR TEMPERATURE SHALL BE 3000K.

4. LED DRIVERS: PROVIDE LOW ENERGY SOLID STATE DRIVERS WITH THE FOLLOWING FEATURES:

4.1. UL CLASS 2 RATED

4.2. SURGE PROTECTION FROM AC LINE SIDE SURGES

4.3. AC LINE ISOLATION

4.4. CONSTANT CURRENT DRIVERS BASED ON THE FIXTURES LISTED IN THE SCHEDULE.

4.5. ANALOG (0-10V) DIMMING.

4.6. MODULE TEMPERATURE PROTECTION.

5. COORDINATE LIGHT FIXTURE INSTALLATION WITH OTHER TRADES. ALL LIGHTING SHALL BE COORDINATED WITH MECHANICAL PIPING AND DUCTWORK TO ALLOW FOR PROPER CLEARANCE.

6. LUMINAIRES INSTALLED IN SUSPENDED CEILING SHALL BE INDEPENDENTLY SUPPORTED, DIRECTLY FROM BUILDING STRUCTURE. EACH LUMINAIRE SHALL BE SUPPORTED AT EACH END.

GENERAL COMMUNICATIONS

1. CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL HORIZONTAL AND BACKBONE CABLING, ASSOCIATED HARDWARE AND DEVICES, TERMINATIONS, GROUNDING AND BONDING MATERIALS, ETC AS NOTED ON DRAWINGS, IN SPECIFICATIONS, OR AS NEEDED FOR COMPLETE SYSTEM INSTALLATION.

2. CONTRACTOR SHALL TEST ALL COMPONENTS OF INSTALLATION SYSTEM TO ENSURE COMPLIANCE WITH TRANSMISSION STANDARDS OF TIA-568-C.2.

3. ENSURE PROPER SEPARATION OF ALL TELECOMMUNICATION CABLES FROM EMI SOURCES. REQUIRED SEPARATION DISTANCES SHALL BE IN COMPLIANCE WITH RECOMMENDATIONS IN BICSI'S "TELECOMMUNICATIONS DISTRIBUTION METHODS MANUAL" AND TIA-569-D.

COMMUNICATION GROUND AND BONDING

1. EACH DEDICATED DATA EQUIPMENT SPACE SHALL BE PROVIDE WITH TELECOMMUNICATION GROUNDING BUSBAR. BUSBAR SHALL BE PREDRILLED RECTANGULAR COPPER BAR, 1/4 BY 2 INCHES IN CROSS SECTION. THE BUSBAR SHALL BE FOR WALL MOUNTING, SHALL BE NRTL LISTED AS COMPLYING WITH UL 467, AND SHALL COMPLY WITH TIA-607-B.

1.1. PROVIDE STAND-OFF BRACKETS THAT PROVIDE AT LEAST A 2-INCH CLEARANCE TO ACCESS THE REAR OF THE BUSBAR. BRACKETS AND ASSOCIATED BOLTS SHALL BE STAINLESS STEEL.

2. ALL CONNECTIONS SHALL BE IRREVERSIBLE AND LISTED FOR THE PURPOSE.

3. BONDING CONDUCTORS BETWEEN THE TGB AND STRUCTURAL STEEL SHALL NO SMALLER THAN NO. 6 AWG.

4. ALL GROUNDING AND BONDING CONNECTIONS SHALL BE MADE IN COMPLIANCE WITH NEC, NECA 1, AND TIA 607-B.

5. ONCE GROUNDING AND BONDING SYSTEM HAS BEEN INSTALLED, TEST THE BONDING CONNECTIONS OF THE SYSTEM AND GROUND LOOP CURRENTS. IF THE RESISTANCE TO GROUND AT THE BCT (BONDING CONDUCTOR FOR TELECOMMUNICATIONS) EXCEEDS 5 OHMS, NOTIFY ENGINEER PROMPTLY AND INCLUDE RECOMMENDATIONS TO REDUCE GROUND RESISTANCE.

COPPER HORIZONTAL CABLING

1. HORIZONTAL CABLING SYSTEM SHALL COMPLY WITH TRANSMISSION STANDARD IN TIA-568-C.1.

2. PROVIDE COPPER HORIZONTAL CABLING WITH THE FOLLOWING PROPERTIES:

2.1. DESCRIPTION: CATEGORY 6 - FOUR-PAIR, BALANCED TWISTED PAIR CABLE, CERTIFIED TO MEET TRANSMISSION CHARACTERISTICS OF CATEGORY 6 CABLES AT FREQUENCIES UP TO 250MHZ.

2.2. CONDUCTOR: 100-OHM, 23 AWG SOLID COPPER.

2.3. SHIELDING/SCREENING: UNSHIELDED TWISTED PAIR (UTP)

2.4. JACKET COLOR: COORDINATE WITH OWNER

2.5. ROHS COMPLIANT

2.6. PLENUM RATED, LISTED AND LABELED BY NRTL AS COMPLYING WITH UL 444, UL 1651, AND NFPA 70.

3. TWISTED PAIR CABLE HARDWARE

3.1. PROVIDE 12" WALL-MOUNTED, 48-PORT, CATEGORY 6 PATCH PANELS. PANELS SHALL BE MODULAR TYPE, HOUSING NUMBERED JACK UNITS WITH IDC-TYPE CONNECTORS AT EACH JACK LOCATION FOR PERMANENT TERMINATION OF PAIR GROUPS OF INSTALLED CABLES.

3.1.1. NUMBER OF CONNECTORS PER FIELD: ONE FOR EACH FOUR-PAIR CABLE INDICATED, PLUS 25% SPARES.

3.2. JACKS: FEMALE, EIGHT POSITION, FIXED TELECOMMUNICATIONS CONNECTOR DESIGNED FOR TERMINATION OF A SINGLE FOUR-PAIR, 100-OHM, UNSHIELDED OR SHIELDED TWISTED PAIR CABLE, COMPLYING WITH TIA-568-C.2.

5. TELECOMMUNICATION OUTLETS:

5.1. JACKS: 100-OHM, BALANCED, TWISTED-PAIR CONNECTOR; FOUR-PAIR, EIGHT-POSITION MODULAR, COMPLYING WITH TIA/EIA-568-B.1.

6. WIRELESS ACCESS POINTS: PROVIDE TWO DATA JACKS TO EACH LOCATION NOTED ON THE DRAWINGS.

7. COMPLY WITH TIA-607-B FOR HORIZONTAL CABLE GROUNDING REQUIREMENTS.

8. COMPLY WITH TIA-606-B AND UL 969 FOR BACKBONE LABELING REQUIREMENTS. COORDINATE ADMINISTRATION LABELS WITH OWNER.

9. FACTORY TEST TWISTED PAIR CABLES ACCORDING TO TIA-568-C.2.

10. INSTALLATION OF OPTICAL FIBER BACKBONE SHALL COMPLY WITH NECA 1, NECA/BICSI 568, TIA-568-C.0, TIA-568-C.1, AND TIA-568-C.2. INSTALLATION SHALL ALSO COMPLY WITH BICSI ITS/MM, CH. 5, "CABLE TERMINATION PRACTICES."

FIRE ALARM SYSTEM

1. PROVIDE NEW, ADDRESSABLE TYPE FIRE ALARM SYSTEM. FIRE ALARM CONTROL PANEL SHALL BE LOCATED AT MAIN ENTRANCE TO BE UTILIZED BY FIRE DEPARTMENT. SYSTEM SHALL INCLUDE MANUAL AND AUTOMATIC DETECTION CONSISTING OF SMOKE AND HEAT DETECTORS, CARBON MONOXIDE SENSORS, AND MANUAL PULL STATIONS. NOTIFICATION TO OCCUPANTS SHALL BE COMPRISED OF HORN/STROBE DEVICES IN NORMALLY OCCUPIED AREAS WITH THE EXCEPTION OF INDIVIDUAL TOILETS, WHICH SHALL BE PROVIDED WITH VISUAL ONLY (STROBE) DEVICES. THE SYSTEM SHALL BE PROVIDED WITH BATTERY BACKUP AND CHARGER. FIRE ALARM SYSTEM SHALL BE IN ACCORDANCE WITH NFPA 72, 101, AND THE STATE FIRE MARSHAL'S OFFICE.

2. NEW NOTIFICATION DEVICES: INDIVIDUALLY ADDRESSABLE, CONNECTED TO A SIGNALING-LINE CIRCUIT, EQUIPPED FOR MOUNTING AS INDICATED, AND WITH SCREW TERMINALS FOR SYSTEM CONNECTIONS.

2.1. NOTIFICATIONS UNITS SHALL BE HORN/STROBE, ELECTRIC-VIBRATING- POLARIZED TYPE WITH XENON STROBE LIGHTS, COMPLYING WITH UL 464 AND 1971. HORNS SHALL PRODUCE A SOUND PRESSURE LEVEL OF 90DBA, MEASURED 10 FEET FROM THE HORN. STROBES SHALL HAVE A LIGHT OUTPUT AS NOTED ON DRAWINGS.

2.2. HORN/STROBE UNITS SHALL HAVE THE WORD "FIRE" ENGRAVED ON HOUSING IN MINIMUM 1-INCH-HIGH LETTERS.

2.3. HORN/STROBE UNITS SHALL BE WHITE WHEN INSTALLED ON CEILING AND RED WHEN INSTALLED ON WALL.

2.4. HORN/STROBE UNITS INSTALLED WITHIN SLEEPING QUARTERS SHALL BE LOW FREQUENCY TYPE.

3. SMOKE DETECTORS: INDIVIDUALLY ADDRESSABLE VIA INTEGRAL ADDRESSABLE MODULE, FOUR-WIRE TYPE.

3.1. DETECTOR AND ASSOCIATED ELECTRONIC COMPONENTS MUST BE MOUNTED IN TWIST-LOCK MODULE THAT CONNECTS TO FIXED BASE.

3.2. DETECTOR SHALL HAVE INTEGRAL VISUAL-INDICATING LED LIGHT INDICATING DETECTOR HAS OPERATED AND POWER-ON STATUS.

3.3. DETECTORS SHALL BE INSTALLED IN ALL BEDROOMS AND LIVING AREAS IN ACCORDANCE WITH NFPA 101.

4. CARBON MONOXIDE DETECTORS: LISTED FOR CONNECTION TO FIRE ALARM SYSTEM.

4.1. DETECTORS SHALL BE INSTALLED IN ALL BEDROOMS AND ANY OTHER AREAS WITH FUEL BURNING EQUIPMENT IN ACCORDANCE WITH NFPA 101.

5. PROVIDE RECORD OF FIRE ALARM SYSTEM INSPECTION AND TESTING AS REQUIRED BY NFPA 72.

REV

DESCRIPTION

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40 OXFORD ST, MILLINOCKET, MAINE

ELECTRICAL SPECIFICATIONS

SHEET TITLE:

0' 1/4" 1/2" 1' 2' 3'

SCALE: AS NOTED

PROJECT MANAGER: RSC

PROJECT NO: 23039

A/E OF RECORD: LJW

JOB CAPTAIN: ACL

DRAWN BY: LJW

SMRT FILE: E-002-23039

SHEET NO. 001 OF 001

E-002

30x42

TYPICAL UTILITY SPACES (ELEC., MECH, DELIVERIES)

LIGHTING: 4'L LENSED LED STRIPLIGHT WITH FIXED OUTPUT DRIVER; CONTROLS SHALL BE WALL MOUNTED TOGGLE SWITCHES IN ELECTRICAL AND MECHANICAL SPACES AND CEILING MOUNTED OCCUPANCY SENSORS IN DELIVERY SPACES. MINIMUM LIGHTING LEVEL: 30-50FC.

POWER: PROVIDE A MINIMUM OF (1) DUPLEX RECEPTACLE PER WALL WITHIN SPACE.

FIRE ALARM: PROVIDE HEAT/SMOKE DETECTOR IN ALL NORMALLY UNOCCUPIED SPACES. PROVIDE CARBON MONOXIDE DETECTOR IN ANY SPACE WITH FUEL BURNING EQUIPMENT.

TYPICAL RESTROOM

LIGHTING: COMBINATION OF (1) 6" DIA. RECESSED LED DOWNLIGHT CENTERED IN ROOM AND 2'L LED VANITY LIGHT (TECH LIGHTING, CAT. NO. 700WSRVLLS*)LED)CENTERED ABOVE MIRROR. BOTH FIXTURES SHALL HAVE FIXED OUTPUT DRIVERS; CONTROLS SHALL BE VIA WALL MOUNTED VACANCY SENSOR. MINIMUM LIGHTING LEVEL: 15-20FC.

POWER: PROVIDE (1) GFCI DUPLEX RECEPTACLE, INSTALLED AT 42" AFF, ABOVE SINK COUNTER.

LIGHTING: SEE ACTIVITY ROOM LIGHTING DESCRIPTION.

POWER: PROVIDE A MINIMUM OF (1) GFCI DUPLEX RECEPTACLE (INSTALLED ABOVE COUNTER) PER EVERY 3 LINEAR FEET OF COUNTER TOP. (1) DEDICATED DUPLEX RECEPTACLE AT REFRIGERATOR LOCATION.

PROVIDE NEW PLYWOOD BACKBOARD FOR MOUNTING OF TELECOMMUNICATION HARDWARE. SPACE SHALL BE ABLE TO SUPPORT A MINIMUM OF (1) WALL MOUNTED PATCH PANEL AND (1) WALL MOUNTED CATV DISTRIBUTION BOX AS WELL AS ALL OTHER ASSOCIATED EQUIPMENT. PROVIDE BACKBOARD WITH (1) DEDICATED QUADRAPLEX RECEPTACLE. COORDINATE WITH OWNER FOR EXACT LOCATION AND FOR CABLING REQUIREMENTS.

NEW 200A, 240/120V, 42, CKT SINGLE PHASE ELECTRICAL PANEL WITH FEEDTHROUGH LUGS FOR 42 CKT SUBPANEL.

NEW SINGLE-PHASE, 200A ELECTRICAL UTILITY METER WITH INTEGRAL DISCONNECT - COORDINATE WITH VERSANT POWER FOR EXACT REQUIREMENTS.

APPROXIMATE LOCATION OF EXISTING MAIN CIRCUIT PANEL TO BE REMOVED - EXTEND ANY EXISTING BRANCH CIRCUITS THAT WILL REMAIN TO NEW PANEL LOCATION.

LIGHTING: COMBINATION OF (2) 6" DIA. RECESSED LED DOWNLIGHT, SPACED 6'-0" OC, CENTERED IN ROOM WITH 0-10V DIMMING DRIVER AND (2) THEMED DECORATIVE (GAME - VAXCAL LIGHTING, CAT. NO. WSS355ANS); CONTROLS SHALL BE VIA WALL MOUNTED VACANCY SENSOR WITH INTEGRAL 0-10V DIMMING. MINIMUM LIGHTING LEVEL: 20-30FC.

POWER: PROVIDE A MINIMUM OF (1) DUPLEX RECEPTACLE WITHIN SPACE.

LIGHTING: 6" DIA. RECESSED LED DOWNLIGHTS (REFER TO ARCHITECTURAL REFLECTED CEILING PLAN) WITH 0-10V DIMMING DRIVER; CONTROLS SHALL BE VIA CEILING MOUNTED OCCUPANCY SENSOR AND WALL MOUNTED 0-10V DIMMER. MINIMUM LIGHTING LEVEL: 30-50FC.

POWER: PROVIDE A MINIMUM OF (1) DUPLEX RECEPTACLE FOR EVERY 12 LINEAR FEET OF WALL.

TYPICAL HALLWAY/CORRIDOR

LIGHTING: 6" DIA. RECESSED LED DOWNLIGHTS (REFER TO ARCHITECTURAL REFLECTED CEILING PLAN) WITH FIXED OUTPUT DRIVER; CONTROLS SHALL BE VIA CEILING MOUNTED OCCUPANCY SENSOR AND WALL MOUNTED THREE-WAY SWITCH. MINIMUM LIGHTING LEVEL: 10-20FC.

POWER: PROVIDE A MINIMUM OF (1) DUPLEX RECEPTACLE FOR EVERY 20 LINEAR FEET OF WALL.

LIGHTING: 22" DIA. SURFACE MOUNTED LOW PROFILE LED FIXTURE (WAC LIGHTING, CAT. NO. PM-4622-3000K-W1) WITH ELECTRONIC LOW VOLTAGE (ELV) DIMMING DRIVER; CONTROLS SHALL BE VIA CEILING MOUNTED OCCUPANCY SENSOR AND WALL MOUNTED ELV DIMMER. MINIMUM LIGHTING LEVEL: 20-30FC.

POWER: PROVIDE A MINIMUM OF (1) DUPLEX RECEPTACLE FOR EVERY 12 LINEAR FEET OF WALL.

FIRE ALARM: PROVIDE A MINIMUM OF (1) CARBON MONOXIDE DETECTOR IN SPACE. PROVIDE SMOKE DETECTOR COVERAGE OF AREA.

QUIET ROOM 014, 016, 017

LIGHTING: COMBINATION OF (1) 6" DIA. RECESSED LED DOWNLIGHT CENTERED IN ROOM WITH 0-10V DIMMING DRIVER AND (1) WALL MOUNTED THEMED DECORATIVE SCENCE (SEE BELOW FOR MORE INFORMATION); CONTROLS SHALL BE VIA WALL MOUNTED VACANCY SENSOR WITH INTEGRAL 0-10V DIMMING. MINIMUM LIGHTING LEVEL: 20-30FC.

WALL SCONCES SHALL BE AS FOLLOWS:
- 014 (FUR): NORDIC STYLE HANGING WALL SCONCE
- 016 (FEATHER): HINKLEY LIGHTING, CAT. NO. NEST FR41612SLF (PROVIDE LED REPLACEMENT FIXTURE FOR SCONCE)
- 017 (FISH): ELK LIGHTING, CAT. NO. 105501 (PROVIDE LED REPLACEMENT FIXTURE FOR SCONCE)

POWER: PROVIDE A MINIMUM OF (1) DUPLEX RECEPTACLE WITHIN SPACE.

NOTES:

- SEE SHEET E-001 FOR LEGEND AND GENERAL NOTES.
- ALL EXISTING ELECTRICAL LIGHTING FIXTURES AND ASSOCIATED CONTROLS SHALL BE REMOVED.
- ALL 120V BRANCH CIRCUIT BREAKERS FEEDING OUTLETS, LIGHTING, OR OTHER DEVICES IN BEDROOMS, LIVING ROOMS, HALLWAYS, CLOSETS, BATHROOMS, OR AS OTHERWISE REQUIRED BY NEC, ARTICLE 210 SHALL BE ARC-FAULT CIRCUIT-INTERRUPTER TYPE.

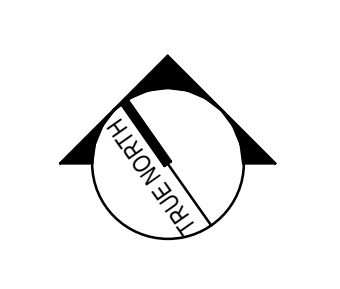
KEYED NOTES:

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**WABANAKI PUBLIC HEALTH
WABANAKI WELLNESS RECOVERY
HOME; FAMILY & FRIENDS CENTER**

40 OXFORD ST, MILLINOCKET, MAINE

BASEMENT ELECTRICAL PLAN

SHEET TITLE:



SCALE: AS NOTED

PROJECT MANAGER:	RSC	PROJECT NO:	23039
A/E OF RECORD:	LJW		
JOB CAPTAIN:	ACL		
DRAWN BY:	LJW		
SMRT FILE:	E-100-23039	SHEET NO.	E-100

BASEMENT ELECTRICAL PLAN

1/4" = 1'-0" **A1**

LIGHTING: 2' X 2' CEILING RECESSED LED ARCHITECTURAL TROFFERS WITH 0-10V DIMMING DRIVER; CONTROLS SHALL BE A COMBINATION OF CEILING MOUNTED OCCUPANCY SENSOR AND WALL MOUNTED 0-10V DIMMER. MINIMUM LIGHTING LEVEL: 30-50FC.

POWER: PROVIDE A MINIMUM OF (1) DUPLEX RECEPTACLE PER 12 LINEAR FEET OF WALL IN ADDITION TO QUADRAPLEX RECEPTACLE AT EACH WORKSTATION LOCATION.

DATA: (1) DUAL-JACK DATA OUTLET AT EACH WORKSTATION.

LIGHTING: 2' X 4' GASKETED, LENSED LED TROFFER WITH FIXED OUTPUT DRIVER; CONTROLS SHALL BE VIA WALL MOUNTED TOGGLE SWITCH. MINIMUM LIGHTING LEVEL: 45-65FC.

POWER: MINIMUM OF (1) GFCI DUPLEX RECEPTACLE (INSTALLED ABOVE COUNTER) PER 3 LINEAR FEET OF COUNTER TOP; MINIMUM OF (5) ADDITIONAL GFCI CONVENIENCE OUTLETS THROUGHOUT THE KITCHEN.

SPECIALTY: COORDINATE POWER REQUIREMENTS FOR ALL PIECES OF KITCHEN EQUIPMENT.

TYPICAL RESTROOM

LIGHTING: COMBINATION OF (1) 6" DIA. RECESSED LED DOWNLIGHT CENTERED IN ROOM AND 2' LED VANITY LIGHT (TECH LIGHTING, CAT. NO. 700WSRVLLS-LED) CENTERED ABOVE MIRROR. BOTH FIXTURES SHALL HAVE FIXED OUTPUT DRIVERS; CONTROLS SHALL BE VIA WALL MOUNTED VACANCY SENSOR. MINIMUM LIGHTING LEVEL: 15-20FC.

POWER: PROVIDE (1) GFCI DUPLEX RECEPTACLE, INSTALLED AT 42" AFF. ABOVE SINK COUNTER. POWER SHALL ALSO BE PROVIDED TO COMBINATION LIGHT FIXTURE/EXHAUST FAN IN SHOWER AREA.

TYPICAL BEDROOM

LIGHTING: 18" DIA. SURFACE MOUNTED DECORATIVE FLUSH MOUNT (REGENCY HILL, STYLE NO. 2N838 - PROVIDE DIMMABLE LED REPLACEMENT BULBS), CENTERED WITHIN ROOM. CONTROLS SHALL BE VIA WALL MOUNTED LINE VOLTAGE DIMMER. MINIMUM LIGHTING LEVEL: 10-20FC.

POWER: PROVIDE A MINIMUM OF (1) DUPLEX RECEPTACLE PER 12 LINEAR FEET OF WALL, COORDINATE EXACT RECEPTACLE LOCATION WITH FINAL FURNITURE LAYOUT.

FIRE ALARM: IN ADDITION TO NOTIFICATION DEVICE SHOWN, PROVIDE CEILING MOUNTED SMOKE DETECTOR.

ALL FIRE ALARM NOTIFICATION DEVICES LOCATED WITHIN SLEEPING AREAS SHALL BE LOW-FREQUENCY TYPE.

TYPICAL FAMILY & VISITOR LOUNGE

LIGHTING: 18" DIA. SURFACE MOUNTED DECORATIVE FLUSH MOUNT (REGENCY HILL, STYLE NO. 2N838 - PROVIDE DIMMABLE LED REPLACEMENT BULBS), CENTERED WITHIN ROOM. CONTROLS SHALL BE VIA WALL MOUNTED LINE VOLTAGE DIMMER. MINIMUM LIGHTING LEVEL: 10-20FC.

POWER: PROVIDE A MINIMUM OF (1) DUPLEX RECEPTACLE FOR EVERY 12 LINEAR FEET OF WALL.

APPROXIMATE LOCATION OF OUTDOOR CONDENSING UNITS FOR MINI-SPLIT SYSTEMS (IF OPTION IS SELECTED) - PROVIDE POWER TO UNITS FROM NEW ELECTRICAL PANELS LOCATED WITHIN BASEMENT ELECTRICAL ROOM. COORDINATE EXACT LOCATION, QUANTITY, AND LOAD WITH MECHANICAL CONTRACTOR. EACH UNIT SHALL BE PROVIDED WITH A NEMA 3R DISCONNECT.

LIGHTING: A COMBINATION OF 6" DIA. RECESSED LED DOWNLIGHTS, (2) WALL MOUNTED SCONCES (VAXCAL LIGHTING, CAT. NO. WS33054NS), AND (2) CEILING SUSPENDED CHANDELIER (FRANKLIN IRON WORKS, MODEL NO. 71N48). REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR LAYOUT. EACH TYPE OF FIXTURE (DOWNLIGHT, SCONCE, ETC.) SHALL BE PROVIDED WITH CONTROL VIA INDIVIDUAL WALL MOUNTED DIMMER. MINIMUM LIGHTING LEVEL: 15-30FC.

POWER: PROVIDE A MINIMUM OF (1) DUPLEX RECEPTACLE FOR EVERY 12 LINEAR FEET OF WALL.

TYPICAL LIVING ROOM AREA

LIGHTING: 6" DIA. RECESSED LED DOWNLIGHTS (REFER TO ARCHITECTURAL REFLECTED CEILING PLAN) WITH 0-10V DIMMING DRIVER; CONTROLS SHALL BE VIA CEILING MOUNTED OCCUPANCY SENSOR AND WALL MOUNTED 0-10V DIMMER. MINIMUM LIGHTING LEVEL: 10-20FC.

POWER: PROVIDE A MINIMUM OF (1) DUPLEX RECEPTACLE FOR EVERY 12 LINEAR FEET OF WALL.

FIRE ALARM: IN ADDITION TO NOTIFICATION DEVICE SHOWN, PROVIDE CEILING MOUNTED SMOKE DETECTOR.

TYPICAL HALLWAY/CORRIDOR/ENTRY

LIGHTING: 6" DIA. RECESSED LED DOWNLIGHTS (REFER TO ARCHITECTURAL REFLECTED CEILING PLAN) WITH FIXED OUTPUT DRIVER; CONTROLS SHALL BE VIA CEILING MOUNTED OCCUPANCY SENSOR AND WALL MOUNTED THREE-WAY SWITCH. MINIMUM LIGHTING LEVEL: 10-20FC.

POWER: PROVIDE A MINIMUM OF (1) DUPLEX RECEPTACLE FOR EVERY 20 LINEAR FEET OF WALL.

PROVIDE NEW EXTERIOR LIGHTING AT STAIR/RAMP - REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION

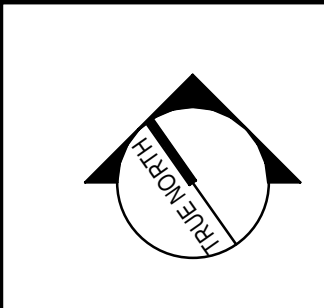
PROVIDE NEW EXTERIOR LIGHTING FIXTURE(S) AT NEW EXTERIOR DOOR - REFER TO ARCHITECTURAL PLANS.

LEVEL 1 ELECTRICAL PLAN A1
1/4" = 1'-0"

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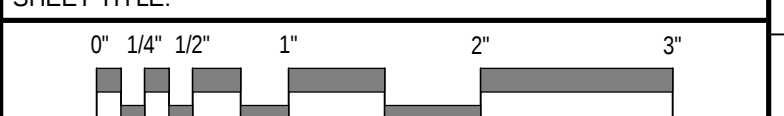
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40 OXFORD ST. MILLINOCKET, MAINE

FIRST FLOOR ELECTRICAL PLAN

SHEET TITLE:



SCALE: AS NOTED

PROJECT MANAGER:	RSC	PROJECT NO:	23039
A/E OF RECORD:	LJW		
JOB CAPTAIN:	ACL		
DRAWN BY:	LJW		
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