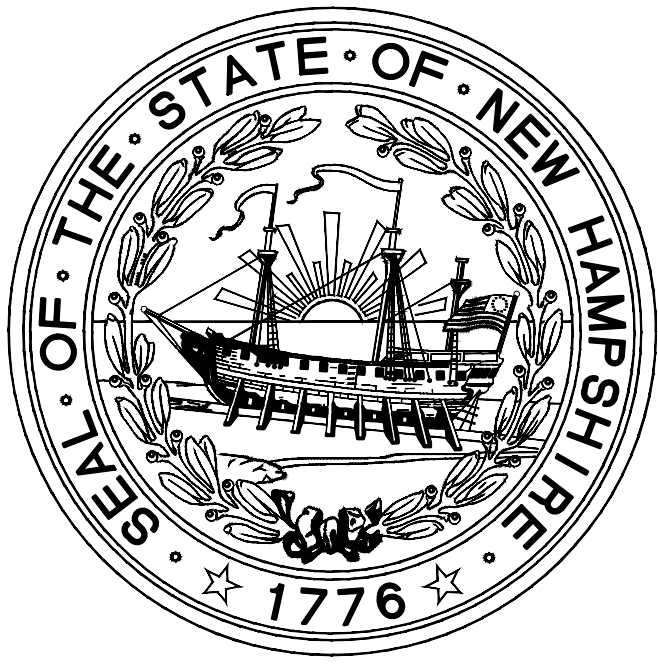




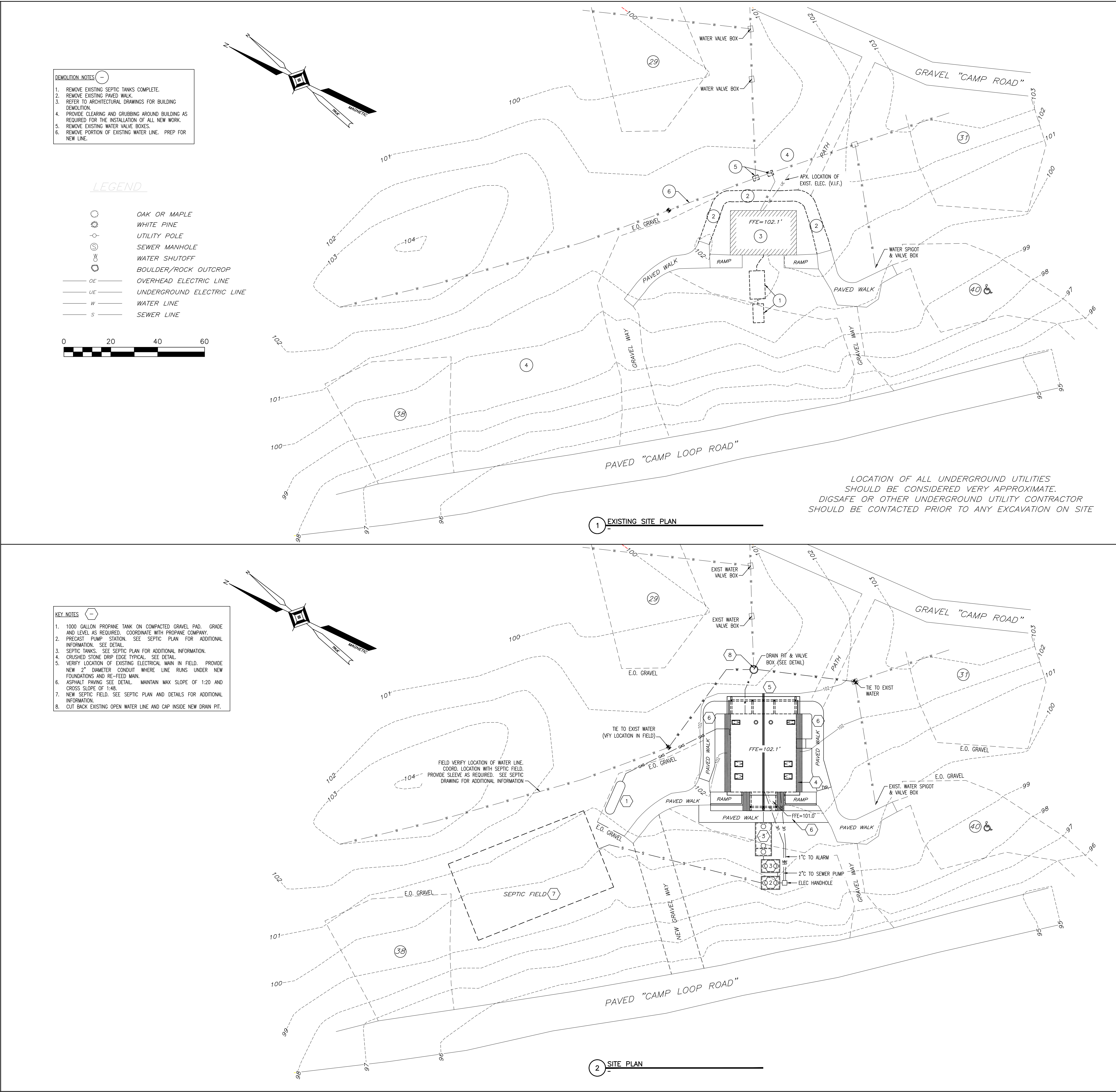
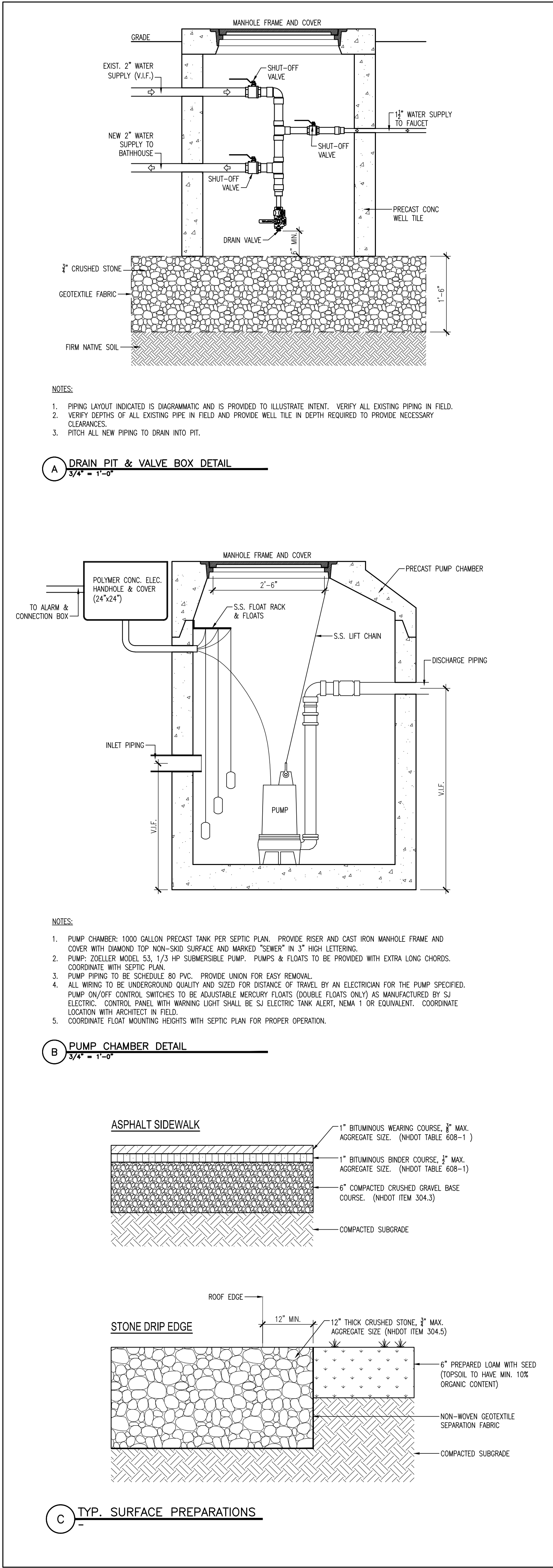
STATE OF NEW HAMPSHIRE
DEPARTMENT OF NATURAL AND CULTURAL RESOURCES
DIVISION OF PARKS AND RECREATION

AREA 1 TOILET BUILDING RENOVATIONS
PROJECT #: CAP 2131

WHITE LAKE STATE PARK
TAMWORTH, NEW HAMPSHIRE

CONSTRUCTION DOCUMENTS
6/17/2024

DRAWING LIST:		CODE SUMMARY:	NOTES:	PROJECT TEAM:	
COVER SHEET & NOTES CIVIL C1.01 SITE PLAN AND DETAILS - TOILET BUILDING #1 PIPE & STONE SEPTIC SYSTEM DESIGN STRUCTURAL S1.01 FOUNDATION AND FRAMING PLANS S2.01 FOUNDATION DETAILS S2.02 FRAMING DETAILS ARCHITECTURAL A0.01 LEGEND, ABBREVIATIONS, PARTITION TYPES AND SCHEDULES A0.02 TOILET FIXTURE AND ACCESSORY SCHEDULES A1.01 FLOOR PLANS A2.01 EXTERIOR ELEVATIONS A3.01 BUILDING SECTIONS A4.01 WALL SECTIONS A4.02 WALL SECTIONS A5.01 DETAILS A5.02 DETAILS A6.01 INTERIOR ELEVATIONS MECHANICAL, ELECTRICAL & PLUMBING M1.01 MECHANICAL & ELECTRICAL PLANS P1.01 PLUMBING PLANS		BUILDING CODE SUMMARY 1. CODE ANALYSIS BASED ON INTERNATIONAL BUILDING CODE 2015 EDITION AND NFPA 101 LIFE SAFETY CODE 2015 EDITION. 2. PROJECT DESCRIPTION: ADDITIONS AND RENOVATIONS TO THE AREA 1 TOILET BUILDING. THE USE AND OCCUPANCY OF THE EXISTING STRUCTURE REMAINS UNCHANGED. 3. THE BUILDING IS NOT SPRINKLED. 4. USE AND OCCUPANCY CLASSIFICATION: (B) BUSINESS (NOTE: ASSESSED AS NEAREST EQUIVALENT USE AND HAZARD PER AGREEMENT WITH THE STATE FIRE MARSHALS OFFICE). 5. CONSTRUCTION TYPE: 5B. 6. BUILDING HEIGHTS & AREAS: TABULAR AREA & HEIGHT: 9,000 SF/STORY, 2-STORY (40') 7. GENERAL BUILDING AREAS: EXISTING: 523 GROSS SF ADDITIONS: 448 GROSS SF TOTAL - 971 GROSS SF 8. OCCUPANT LOAD: 971 SF @ 100 25/PERSON = 9.71 DESIGN OCCUPANT LOAD BASED ON ACTUAL LOAD OF 14 9. FIRE EXTINGUISHERS AND CABINETS SHALL BE PROVIDED AS SHOWN AND IN ACCORDANCE WITH NFPA 10, STANDARD FOR PORTABLE FIRE EXTINGUISHERS AND THE LOCAL FIRE DEPARTMENT. (SEE FLOOR PLANS FOR ADDITIONAL INFO.)	1. WORK SHALL BE PERFORMED ACCORDING TO ALL APPLICABLE FEDERAL, STATE AND LOCAL BUILDING CODES AND OSHA REQUIREMENTS. 2. ALL CONTRACTORS AND SUB-CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE CONSTRUCTION DOCUMENTS AND ANY EXISTING CONDITIONS. THIS IS TO PROVIDE AN OPPORTUNITY TO CLARIFY ANY QUESTIONS PRIOR TO THE START OF CONSTRUCTION. 3. THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE OWNER ACCESS TO THE SITE, AND ANY SPECIFIC OWNER REQUIREMENTS AND PROCEDURES FOR ACCESSING THE SITE. 4. ALL DIMENSIONS ARE TO THE FACE OF MASONRY/CONCRETE OR FACE OF STUD, UNLESS NOTED OTHERWISE. 5. THE GENERAL CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR VERIFYING ALL DIMENSIONS. ANY DISCREPANCY BETWEEN ANTICIPATED AND ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK. 6. ALL EXPOSED MECHANICAL, ELECTRICAL AND PLUMBING SERVICES IN AREAS WITHOUT CEILING OR WALL FINISHES SHALL BE CAREFULLY COORDINATED AND INSTALLED TO PROVIDE A NEAT AND ORDERLY APPEARANCE. SERVICES SHALL BE RUN IN STRAIGHT LINES PARALLEL AND PERPENDICULAR TO THE EXPOSED STRUCTURE. ALL SERVICES SHALL BE RUN WITHIN OR BETWEEN EXPOSED STRUCTURE TO THE EXTENT POSSIBLE. 7. THE CONTRACTOR SHALL MAINTAIN A FULL SET OF CONSTRUCTION DOCUMENTS ON SITE AT ALL TIMES. THE CONTRACTOR SHALL RECORD, IN RED, ON THE DRAWINGS ALL FIELD CHANGES MADE TO THE CONSTRUCTION SET. THE CONTRACTOR SHALL SUBMIT TO THE OWNER AND ARCHITECT ONE SET OF AS-BUILT DRAWINGS AT THE END OF THE PROJECT INDICATING ALL CHANGES MADE. 8. PATCH TO MATCH ALL EXISTING MATERIALS THAT ARE DAMAGED, DISTURBED OR OTHERWISE AFFECTED BY REMOVAL OF EXISTING BUILDING ELEMENTS, RELOCATION OF EXISTING MATERIALS, OR CAUSED BY ANY PROCESS OF THE NEW CONSTRUCTION UNDER THIS CONTRACT. FINISH TO MATCH ADJACENT SURFACES. 9. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL CUTTING AND PATCHING REQUIRED FOR TRADES THAT ARE REQUIRED BY THE SCOPE OF WORK. 10. FURNISH AND INSTALL ALL TEMPORARY FENCING OR OTHER SAFETY FEATURES REQUIRED TO PROTECT THE PUBLIC, EXISTING BUILDING AND NEW WORK.	STAMP	ARCHITECT: SCOTT CORUTH DEPARTMENT OF NATURAL AND CULTURAL RESOURCES 172 PEMBROKE ROAD CONCORD, NH 03301
				STAMP	
				STAMP	
				STAMP	
				STAMP	



State of New Hampshire
Department of Natural and Cultural Resources

172 Pembroke Road · Concord, NH · 03301
Phone: 603.271.3556
www.nhstateparks.org

WHITE LAKE STATE PARK
AREA 1 TOILET BUILDING RENOVATIONS

SITE AND UTILITY PLANS

PROJECT INFORMATION:

FARMS Data:

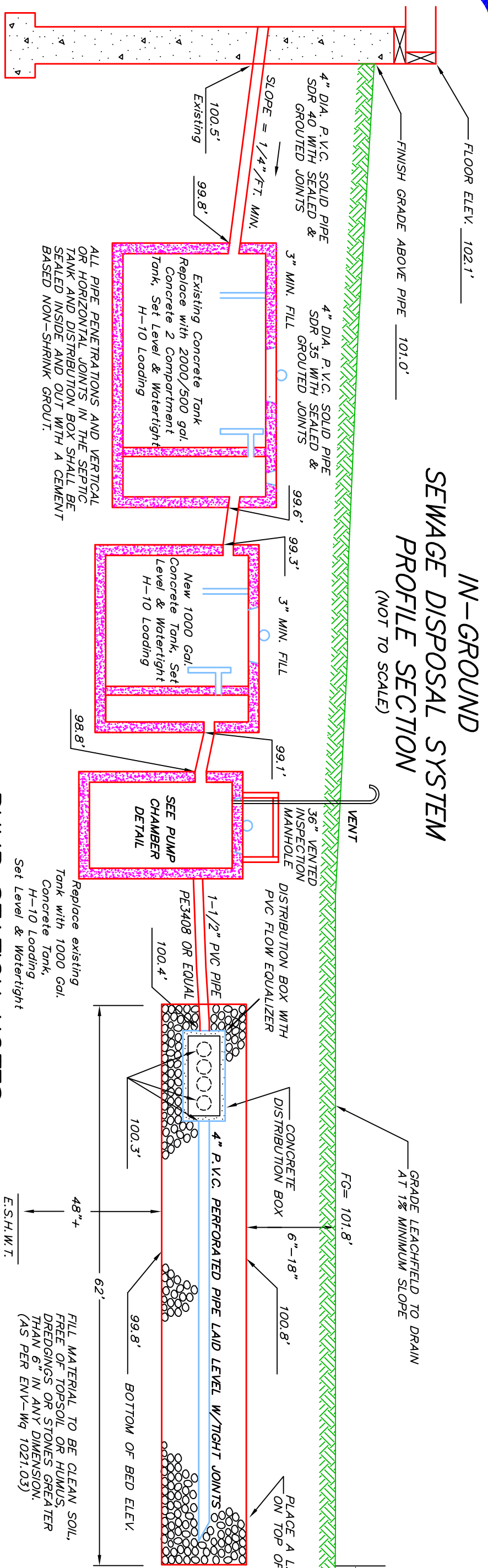
BUILDING #: WH111
BUILDING NAME: Toilet Bldg Area 1

PROJECT #: CAP 2131
DRAWN BY: SDC
DATE: 6/17/2024
SCALE: 1" = 20'-0"
REVISED: -

COPYRIGHT © BY STATE OF NEW HAMPSHIRE DEPARTMENT OF RESOURCES & ECONOMIC DEVELOPMENT. ALL RIGHTS RESERVED. NO REPRODUCTION WITHOUT PERMISSION.

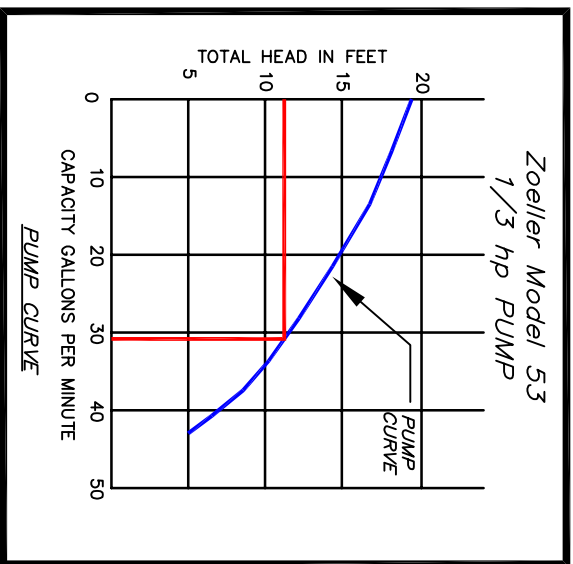
C1.01

IN-GROUND
SEWAGE DISPOSAL SYSTEM
PROFILE SECTION
(NOT TO SCALE)



PUMP STATION NOTES

- 1) WORKING ORDER: ADJUST FLOAT SWITCHES TO REFLECT DISTANCES SHOWN ON PUMP CHAMBER DETAIL. THESE DISTANCES ALLOW PUMP CHAMBER TO BE MAINTAINED AT 10% BELOW THE SLUDGE LEVEL. PUMP TO BE ORDERED WITH LONG ELECTRICAL LEADS SO NO SLICES ARE MADE IN PUMP CHAMBER.
- 2) PUMP AND SYSTEM CURVES INDICATE AN ESTIMATED PUMP OPERATION OF 31.0 GPM AT A TOTAL SYSTEM HEAD OF 12.5 FEET.
- 3) MERCURY FLOAT SWITCH ELEVATION SETTINGS CONTROLLING PUMP HAVE BEEN PRESCRIBED FOR A TOTAL PUMP DISE VOLUME (233.7 GAL.) PLUS THE VOLUME OF THE 1-1/2" DELIVERY LINE (6.5 GAL.) PUMP ON/OFF CONTROL SWITCHES TO BE ADJUSTABLE MERCURY FLOATS (DOUBLE FLOAT ONLY).
- 4) FLOAT AND ALARM RACK TO BE STAINLESS STEEL.
- 5) DISCHARGE LINE FROM PUMP CHAMBER TO LEACHFIELD SHALL BE 1-1/2" PLASTIC PEX308 OR EQUIVALENT.
- 6) ALL WIRING TO BE UNDERGROUND QUALITY AND SIZED PER DISTANCE OF TRAVEL BY AN ELECTRICIAN LICENSED TO WORK IN NEW HAMPSHIRE. IT SHOULD BE PROPERLY BACKFILLED TO PREVENT BREACHAGE.
- 7) CONTROL PANEL WITH WIRING LOGIC AND/OR ALARM SHALL MOUNTED ON AN ELEVATED SURFACE. ALARM ON-SWITCH TO BE PERMANENTLY MOUNTED TO CHAMBER, TESTED AND ADJUSTED TO SPECIFIED LEVELS AS PER TYPICAL PUMP.
- 8) CONTRACTOR TO PROVIDE 36" MANWAYS AND COVERS TO ACCESS TANK AND PUMP CHAMBER FOR INSPECTION AND MAINTENANCE AS CONDITIONS WARRANT.
- 9) PUMP PULL CHAIN SHALL BE STAINLESS STEEL.



SOILS ANALYSIS

EXCAVATED BY: Mike Weeks
INSPECTED BY: David Krause
DATE: June 2, 2022

TEST PIT #1

DATE YELLOWISH SMOOT LOAM ROOTS TO 6"	10' 4/6
YELLOWISH BROWN LOAMY SAND STRUCTURE	10' 5/8
YELLOWISH BROWN COARSE SAND NO STRUCTURE	10' 5/6
PALE YELLOW FINE SAND FINE SAND SOME MOTTLES	2.5' 7/3
NO WATER OBSERVED NO LEDGE OBSERVED	TERMINATED @ 8' 4"

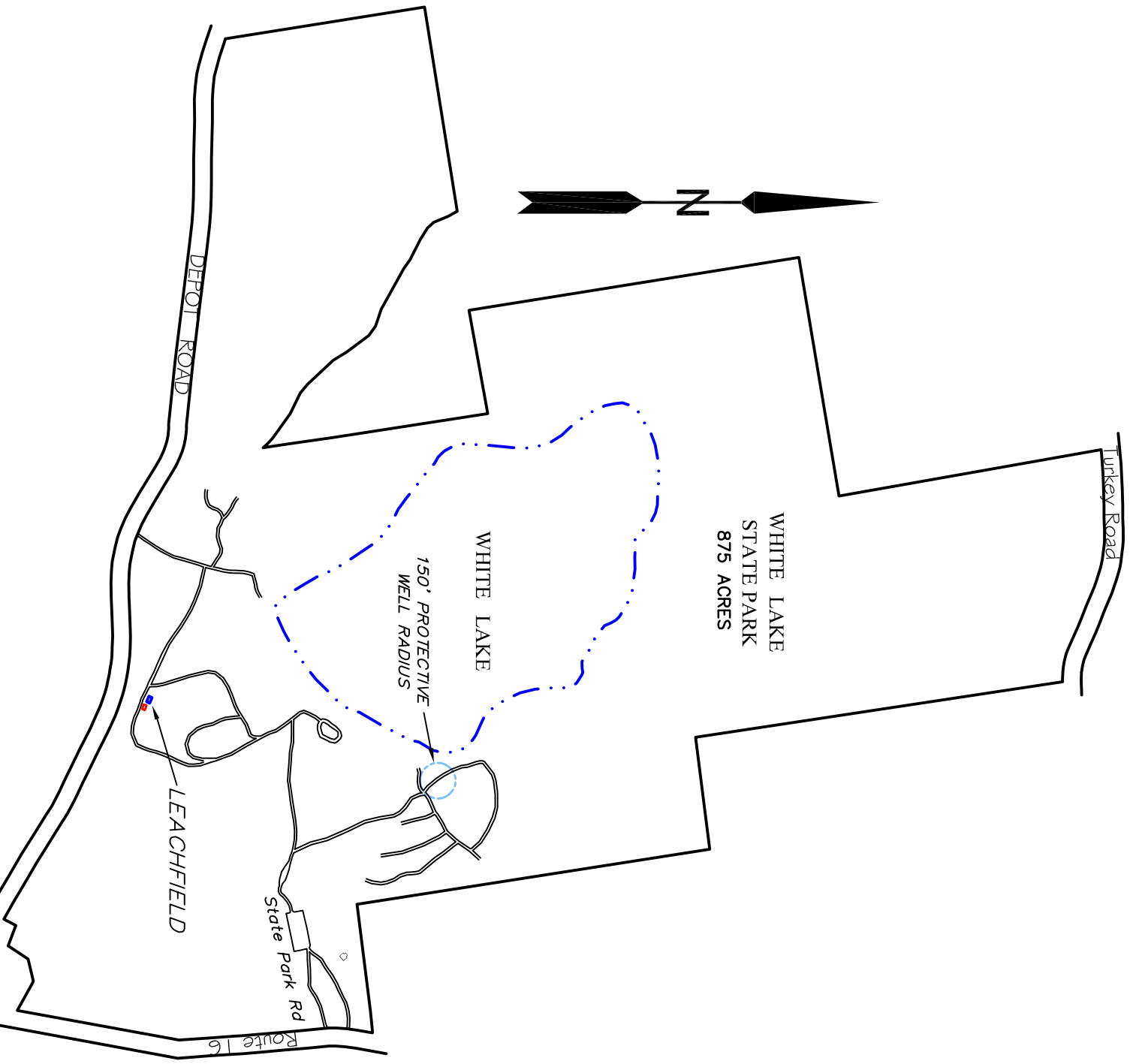
SOILS DATA

364-Adams Loomy Sand, D-3% Slopes
Reference: NRCS Web Soil Survey
and on-site observations

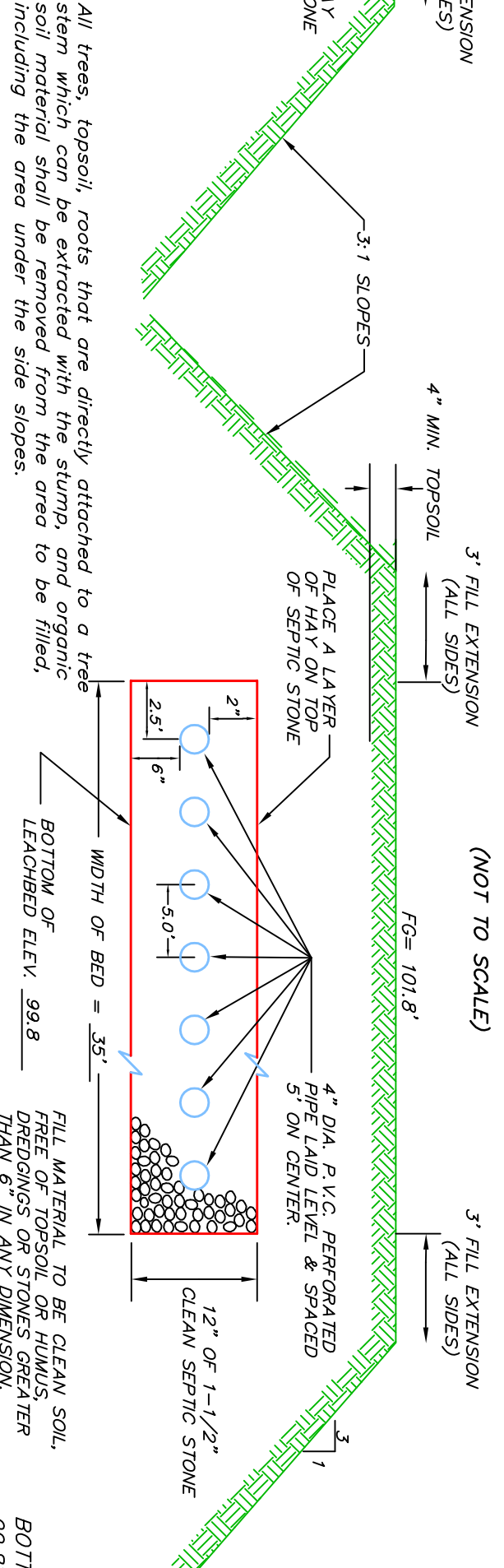
PERCOLATION TEST

RATE: 2 MIN./IN. @ 28 INCHES
BY: D. Krause
DATE: June 2, 2022

LOT OVERVIEW



IN-GROUND
CROSS SECTION-7 PIPE SYSTEM
(NOT TO SCALE)



DESIGN CRITERIA

USE: CAMPGROUND 38 SITES @ 45 GPD
THIS DESIGN ENCUMBERS FLOW FOR SITES 12,13,15,18, 20-38, 40,
21A-24A, 26A-27A, 32A, 33A, 34A, 34B, 34C, 36A-40A
FOR A TOTAL OF 38 SITES.
TOTAL SEWAGE FLOW: 1,710 G.P.D.

PERCOLATION RATE: 2 MIN./IN.
SYSTEM TYPE: PIPE & STONE
MINIMUM LEACHING AREA REQUIRED: 2,138 S.F.
LEACHFIELD AREA PROVIDED: 35 x 62 = 2,170 S.F.
ORIGINAL HIGH GROUND CONTOUR ELEVATION: 101.0'
BOTTOM OF LEACHFIELD BED DESIGN ELEV: 99.8'

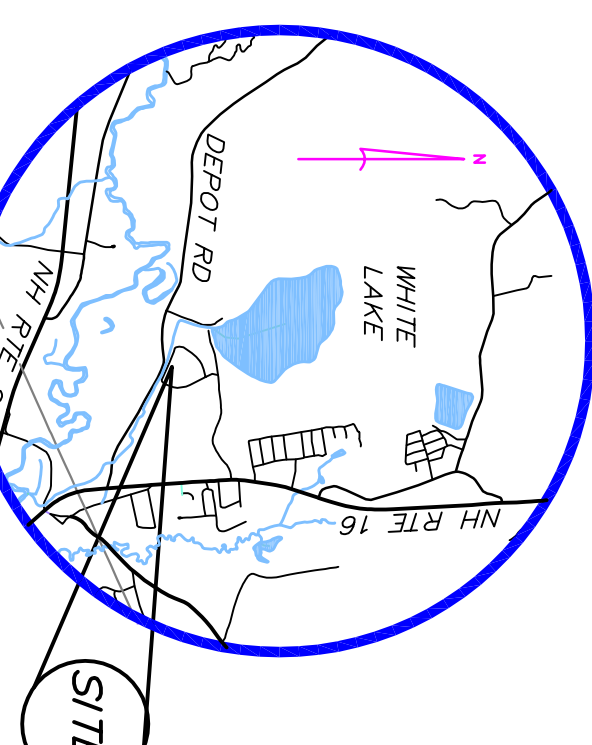
DESIGN INTENT

BOTTOM OF LEACHFIELD TO BE CONSTRUCTED AT AN ELEVATION OF
99.8' ± 1.2' BELOW ORIGINAL GROUND AT HIGH CONTOUR (101.0')
(UTILIZING THE 50% RULE: ENV-104 1014.06) TO MAINTAIN AT LEAST 48
INCHES ABOVE E.S.H.W.T. AND AT LEAST 48 INCHES ABOVE LEDGE OR
IMPERMEABLE SOIL.

GENERAL NOTES

- 1) THE CONTRACTOR IN THE PREPARATION OF THIS WORK SHALL ADHERE STRICTLY TO THESE PLANS AND THE PROVISIONS SET FORTH IN THE SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES, N.H.D.E.S. FEBRUARY 9, 2008. ANY DEVIATION FROM THESE PLANS SHALL REQUIRE PRIOR APPROVAL FROM THE DESIGNER AND THE N.H.D.E.S.
- 2) SHOULD THE CONTRACTOR DETECT THAT FIELD CONDITIONS EXIST OTHER THAN THOSE DERIVED BY THIS PLAN, THE DESIGNER AND OWNER SHALL BE NOTIFIED IMMEDIATELY PRIOR TO CONTINUING CONSTRUCTION.
- 3) INSTALLER ADVISED TO CONTACT DIG SAFE PRIOR TO CONSTRUCTION.
- 4) DO NOT INSTALL SYSTEM ON FROZEN GROUND OR LEAK SYSTEM UNCOVERED FOR EXTENDED PERIODS OF TIME.
- 5) NO DRAINS, HOT TUBS, SHEDS, GARBAGE DISPOSALS ETC. SHALL BE INCORPORATED INTO THIS SYSTEM UNLESS OTHERWISE SPECIFIED.
- 6) ALL TREES, BRUSH, BRACKERS AND TOPSOIL SHALL BE REMOVED PRIOR TO PLACING FILL THROUGHOUT THE LEACHFIELD AREA. INCLUDING THE THREE FEET EXTENSION AND SLOPE EMBANKMENTS.
- 7) FINISHED CONTOUR LINES REPRESENT MINIMUM FILL ACCEPTED BY THE N.H.D.E.S. ADDITIONAL FILL MAY BE USED FOR LANDSCAPING OR SLOPE AND SOIL REDUCES MORE THAN 1/4" OF THE DRAIN DEPTH INSIDE THE TANK.
- 8) MAINTENANCE: RECOMMEND INSPECTION OF SEPTIC TANKS AT LEAST ONCE EVERY TWO YEARS AND CLEAN IF COMBINED THICKNESS OF SLUDGE AND SOLID REDUCES MORE THAN 1/4" OF THE DRAIN DEPTH INSIDE THE TANK.
- 9) THIS DOCUMENT IS FOR THE CONSTRUCTION OF THE EFFLUENT DISPOSAL SYSTEM SHOWN. ANYONE USING INFORMATION FROM THIS DOCUMENT FOR ANY OTHER PURPOSE DOES SO AT THEIR OWN RISK.
- 10) SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH ENV-100. "APPROVAL FOR CONSTRUCTION" IS VALID FOR 4 YEARS FROM DATE OF ISSUE.

LOCATION MAP

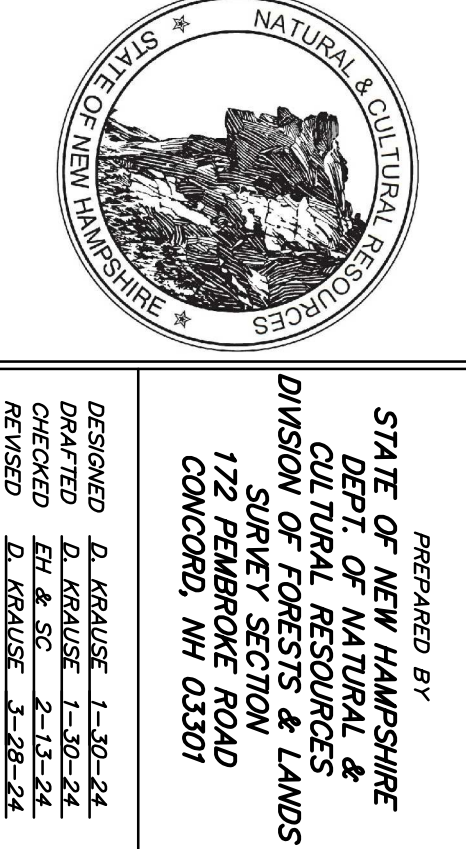


TOILET BUILDING #1
PIPE & STONE SEPTIC SYSTEM DESIGN
TAX MAP 211, LOT 57

STATE OF NEW HAMPSHIRE
DEPT. OF NATURAL & CULTURAL RESOURCES
WHITE LAKE STATE PARK
94 STATE PARK ROAD
CARROLL CO. TAMMORTH, N.H.

SCALE: 1" = 20' FEBRUARY 1, 2024

N.H.D.E.S. APPROVALS: SEPTIC DESIGN NO. SUBDIVISION APPROVAL NO.

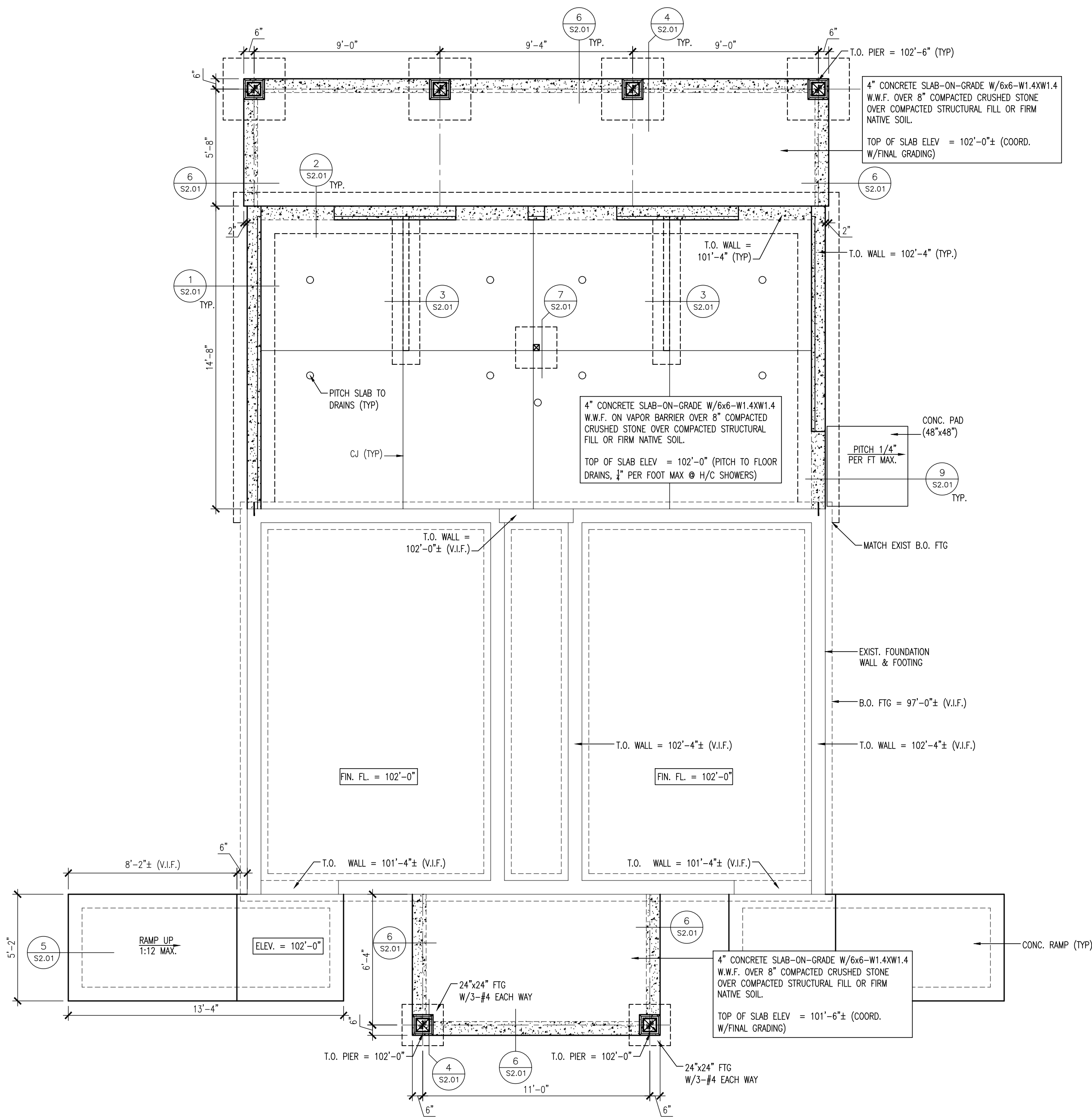


DESIGNED BY: D. KRAUSE 1-30-24
CHECKED BY: D. KRAUSE 1-30-24
REVIEWED BY: D. KRAUSE 1-30-24
REVISIONS: 1-30-24

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE
REQUIREMENTS OF THE
NH DEPT. OF ENVIRONMENTAL SERVICES
WATER DIVISION

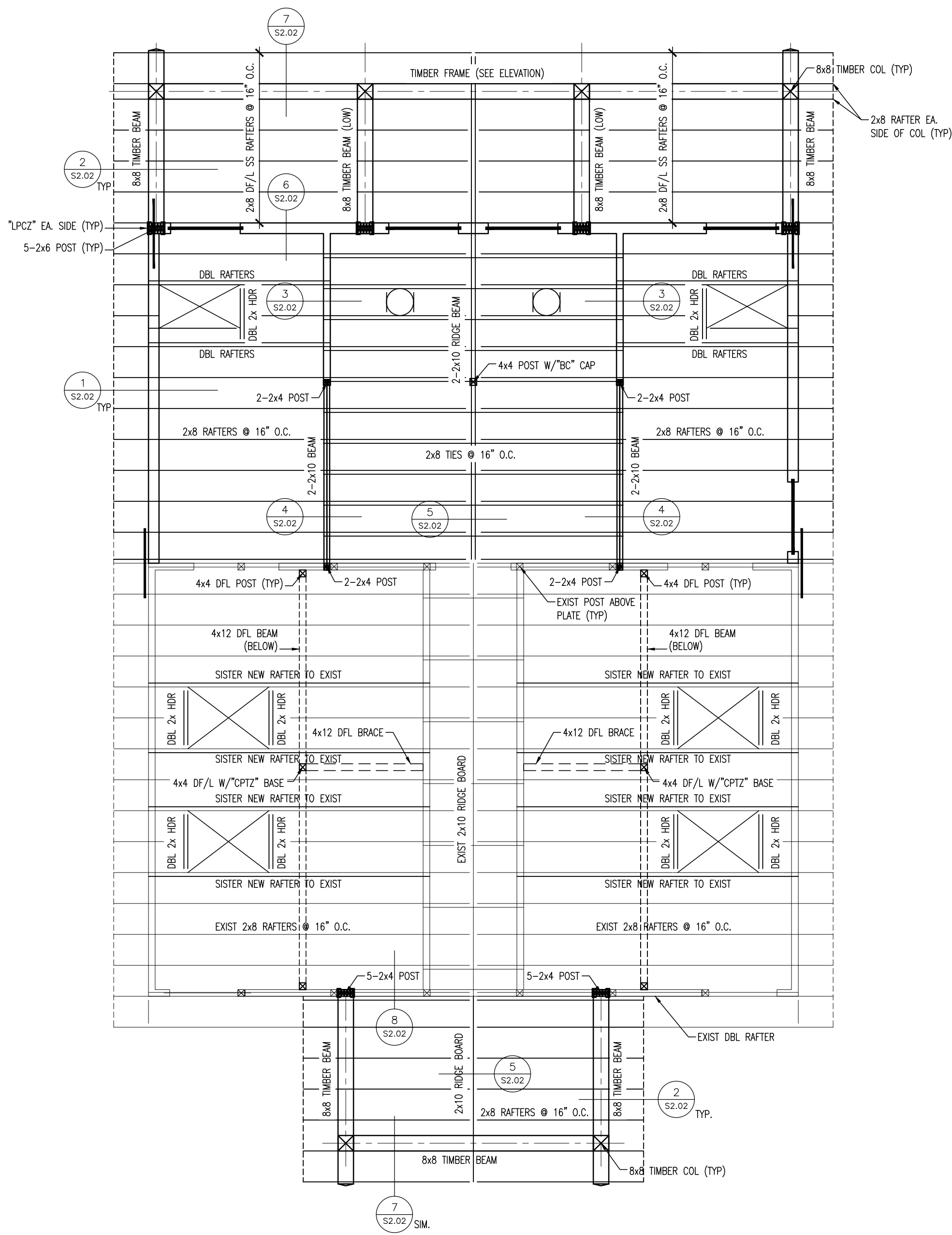
2024
Date: 3/28/2024

#eCA2024032828



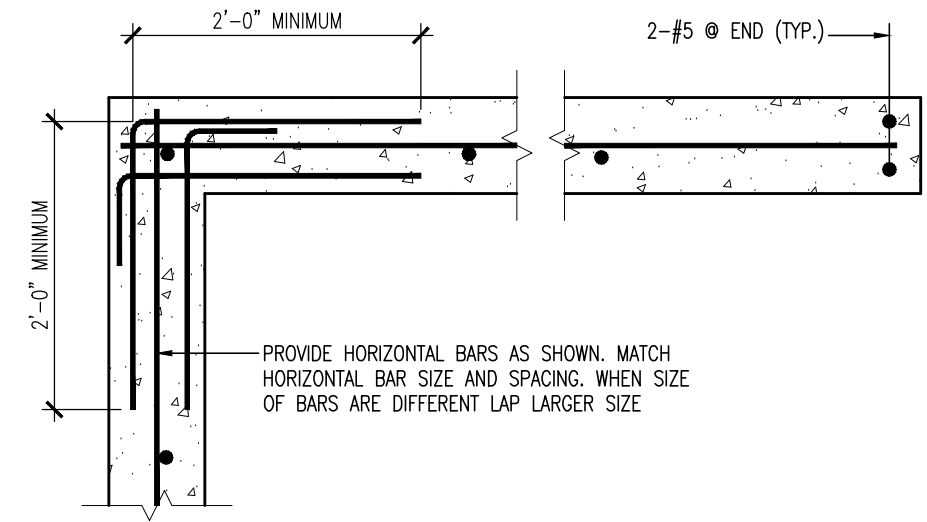
- FOUNDATION NOTES:**
- ALL DIMENSIONS & ELEVATIONS SHALL BE VERIFIED WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.
 - BOTTOM OF FOOTING ELEVATION ARE BASED ON AVAILABLE INFORMATION AND MUST BE COORDINATED BASED ON FINAL GRADING & ACTUAL SITE CONDITIONS TO BE NOT LESS THAN 5'-0" BELOW FINISH GRADE FOR FROST PROTECTION OR ON SUITABLE MATERIAL WHICHEVER IS DEEPER. PROVIDE MIN. 8" OF CRUSHED STONE BELOW ALL FOOTINGS.

- STRUCTURAL LOADS:**
- RISK CATEGORY: II
 - LIVE LOADS:
 - FLOORS: 50 PSF
 - SNOW LOADS: LOCATED IN TAMMORTH, NH @ ELEVATION 1000'±
 - GROUND SNOW LOAD: 85 PSF
 - PARTIAL EXPOSURE: 1.0
 - TERRAIN: S: URBAN/SUBURBAN
 - THERMAL FACTOR: NORMAL: 1.0
 - IMPORTANCE FACTOR: II = NORMAL: 1.0
 - ROOF SNOW LOAD: 59.5 PSF
 - WIND LOADS:
 - ULTIMATE WIND SPEED V_{ult} : 120 MPH (3 SEC. GUST)
 - NOMINAL WIND SPEED V_{ref} : S3
 - SURFACE ROUGHNESS: B
 - EXPOSURE CATEGORY: B
 - SEISMIC DESIGN CATEGORY: B



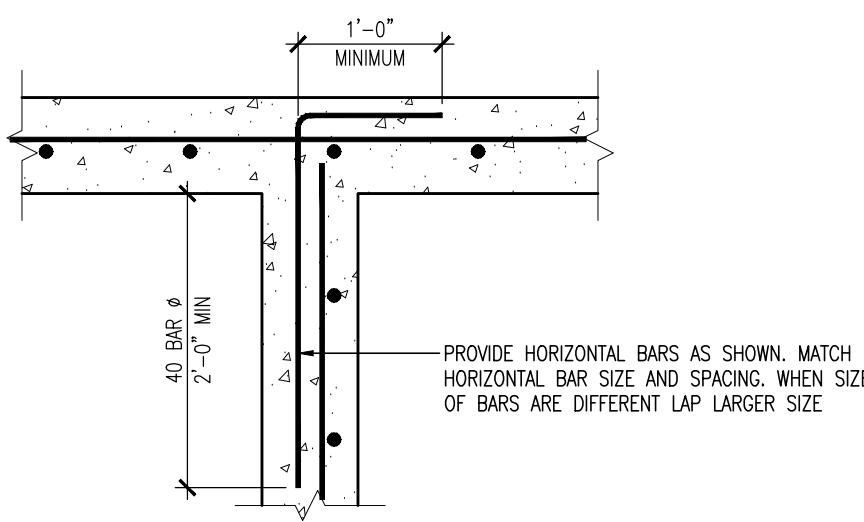
- ROOF FRAMING NOTES:**
- ALL EXTERIOR WALLS TO BE 2x6 @ 16" O.C. ALL INTERIOR BEARING WALLS NOTED ON PLAN SHALL BE 2x4 @ 16" O.C. (ALL OTHER WALLS ARE NON-BEARING).
 - PLYWOOD FOR ALL ROOF AREAS TO BE 19/32" SQUARE EDGE PLYWOOD WITH PANEL SHEATHING CLIPS BETWEEN AT ALL UNSUPPORTED PANEL EDGES. W/ 6d NAILS @ 6" O.C. (UNLESS OTHERWISE NOTED).
 - ALL EXTERIOR HEADERS TO BE 3-2x8 WITH PLYWOOD FILLER U.O.N W/2 JACK STUDS AND 1 KING STUD MINIMUM. ALL INTERIOR HEADERS TO BE 2-2x8 U.O.N W/1 JACK STUD AND 1 KING STUD MINIMUM.
 - NO MAIN FRAMING OR STRUCTURAL MEMBERS ARE TO BE MODIFIED, ALTERED, OR CUT WITHOUT THE APPROVAL OF THE ARCHITECT.
 - ALL POSTS TO BE A MINIMUM OF 2-2x6, UNLESS OTHERWISE NOTED ON PLANS.
 - SEE ARCHITECTURAL DRAWINGS FOR ROOF SLOPE & PROFILES.
 - OR — DENOTES SIMPSON "LSTA36" HORIZONTAL STRAP U.O.N.
 - 1 DENOTES A SHEAR WALL. SEE SHEAR WALL SCHEDULE FOR INFORMATION. ALL EXTERIOR WALLS ARE TYPE 1 SHEAR WALLS U.O.N ON DRAWINGS.
 - INDICATES WOOD STUD BEARING OR SHEAR WALLS

TYPICAL SHEAR WALL SCHEDULE						
MARK	SHEATHING TYPE (APA RATED)	MINIMUM NAIL PENETRATION	NAIL SIZE (a)	EDGE NAIL SPACING (b) ALL PLYWD EDGES	FIELD NAIL SPACING	SILL PLATE TO CONC ANCHOR TO WOOD (c)
TYPE: 1	15/32" PLYWOOD (b)	1 3/8"	8d	4"	12"	5/8"Ø @ 32" O.C. 16d @ 4"
(a) FASTENERS SHALL BE COMMON WIRE OR GALVANIZED BOX AT PLYWOOD SHEAR WALLS. SIMPSON'S "WSNLT" WOOD SCREWS MAY BE USED IN LIEU OF NAILS BY APPROVAL OF ARCHITECT.						
(b) ALL EDGES ARE BLOCKED AND EDGE NAILING IS PROVIDED AT ALL SUPPORTS AND PANEL EDGES.						
(c) APPROVED WOOD SCREWS MAY BE USED AS ALTERNATIVE TO 16d NAILS.						

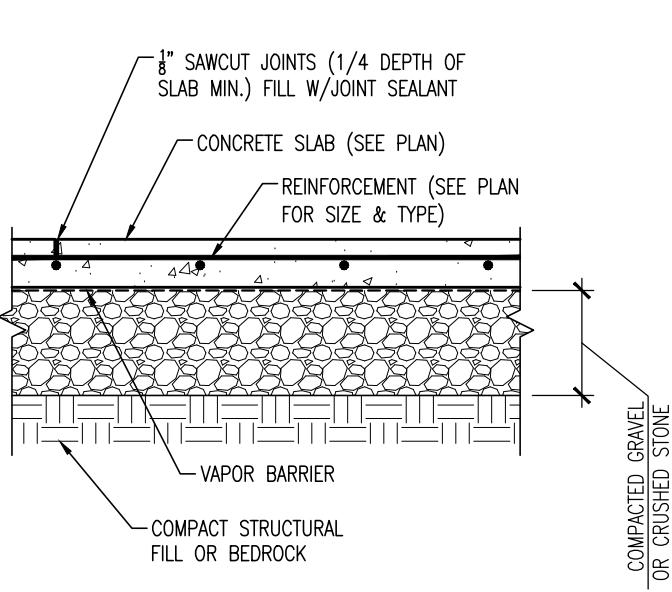


CORNER DETAIL END WALL DETAIL

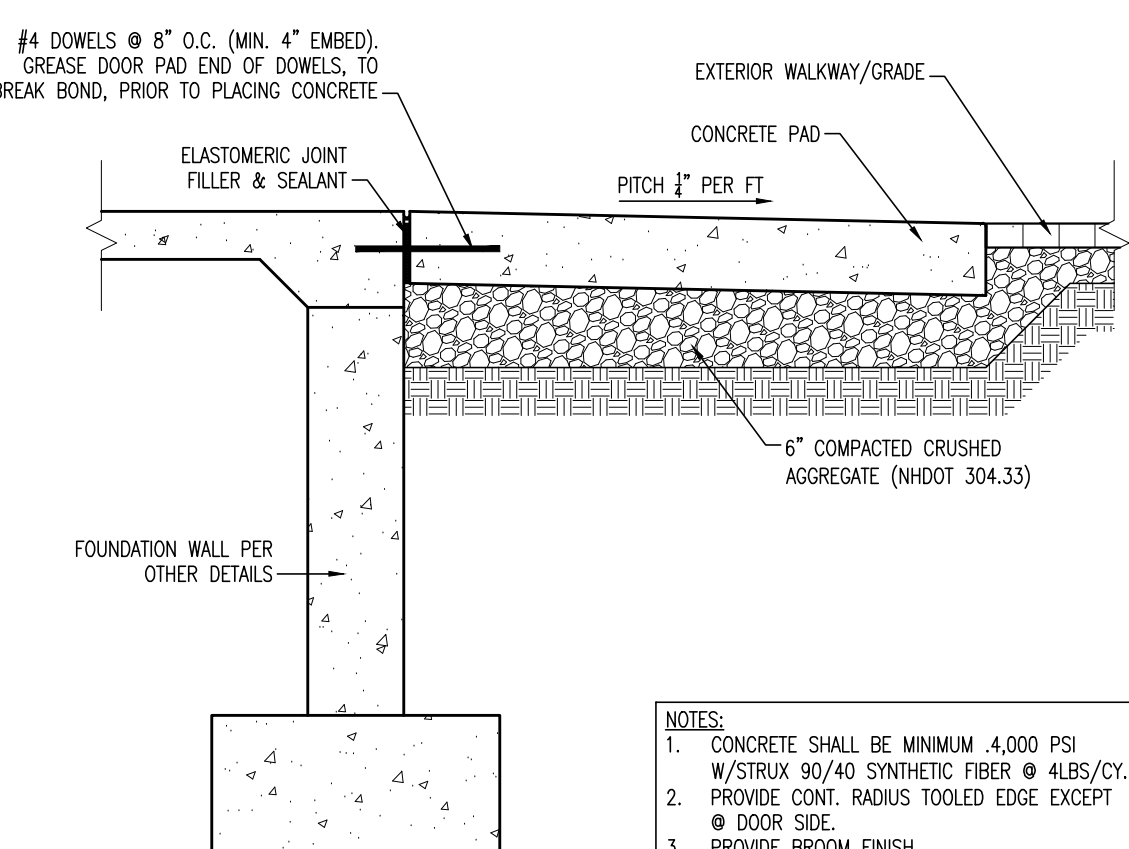
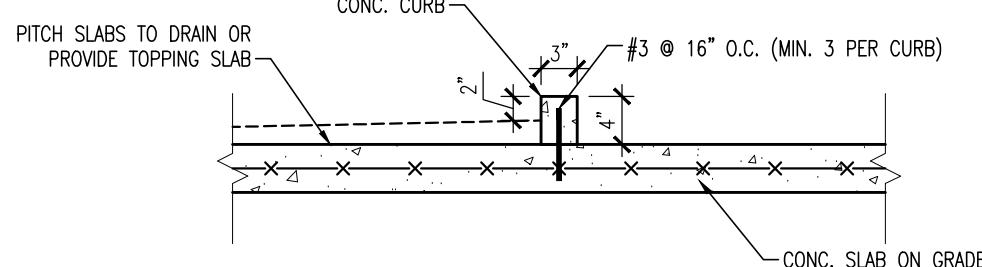
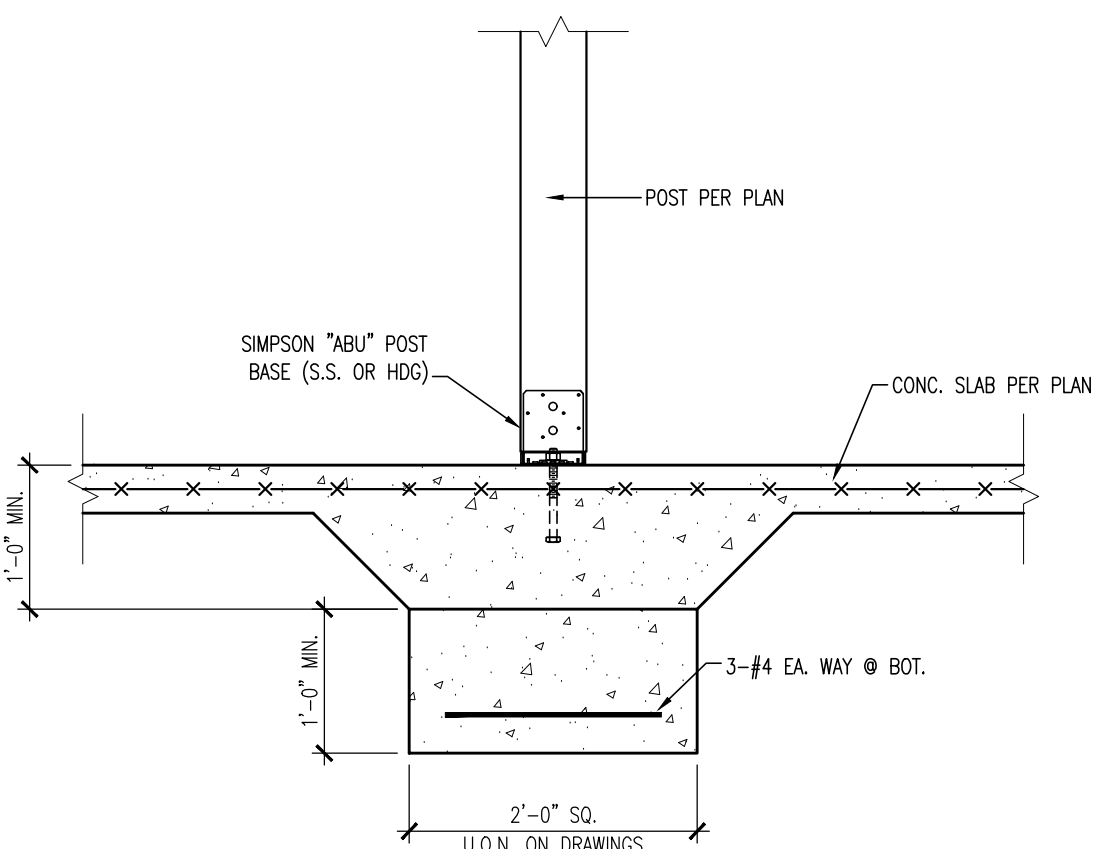
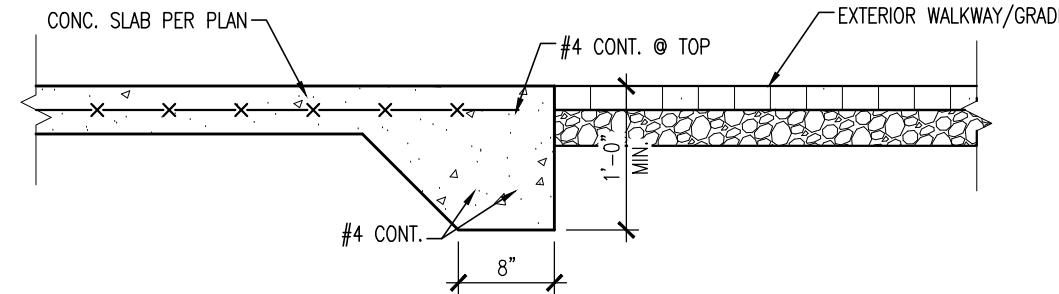
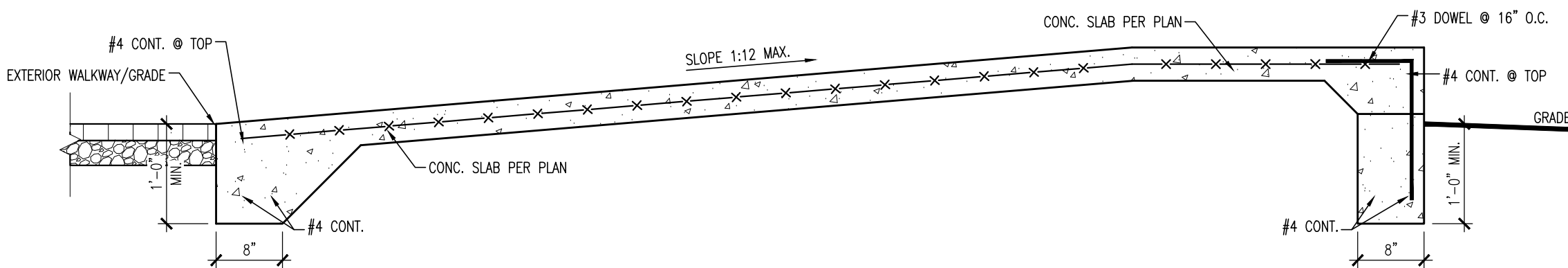
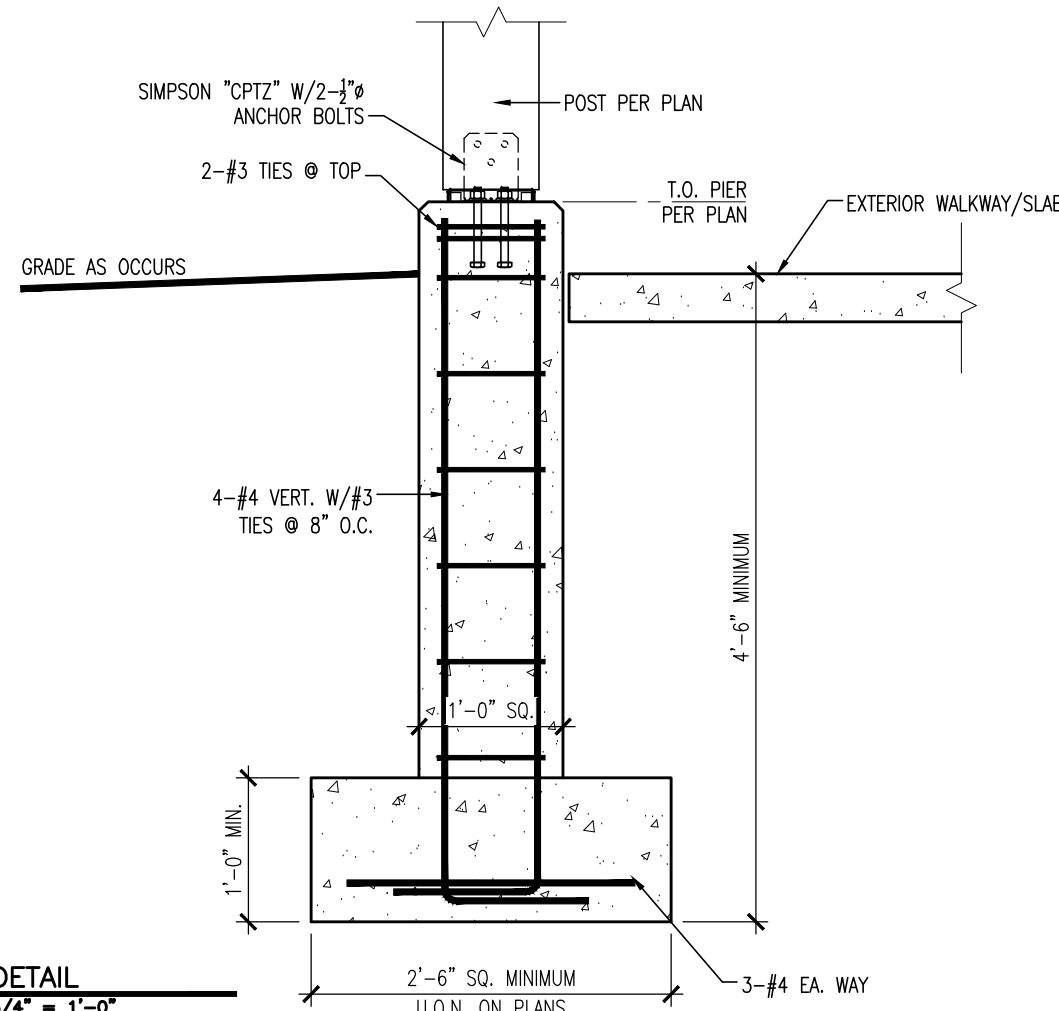
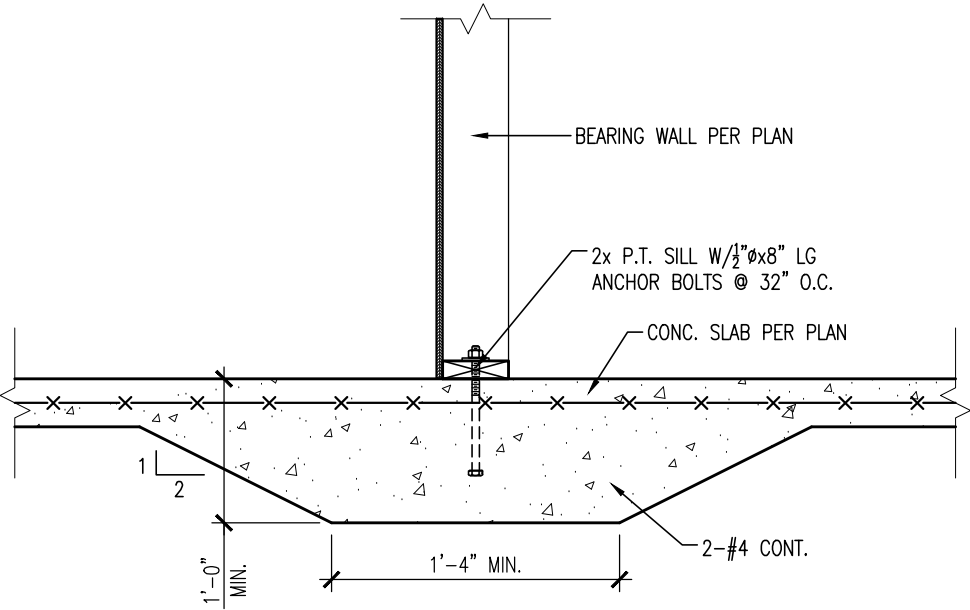
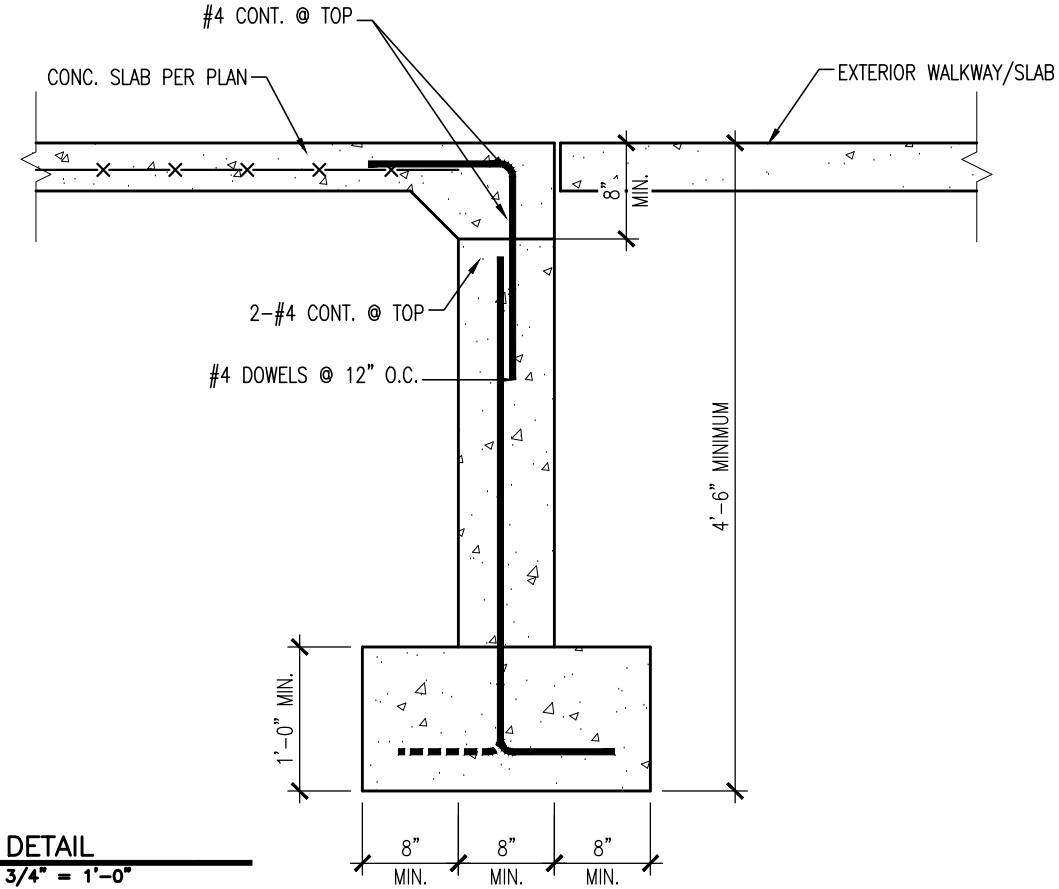
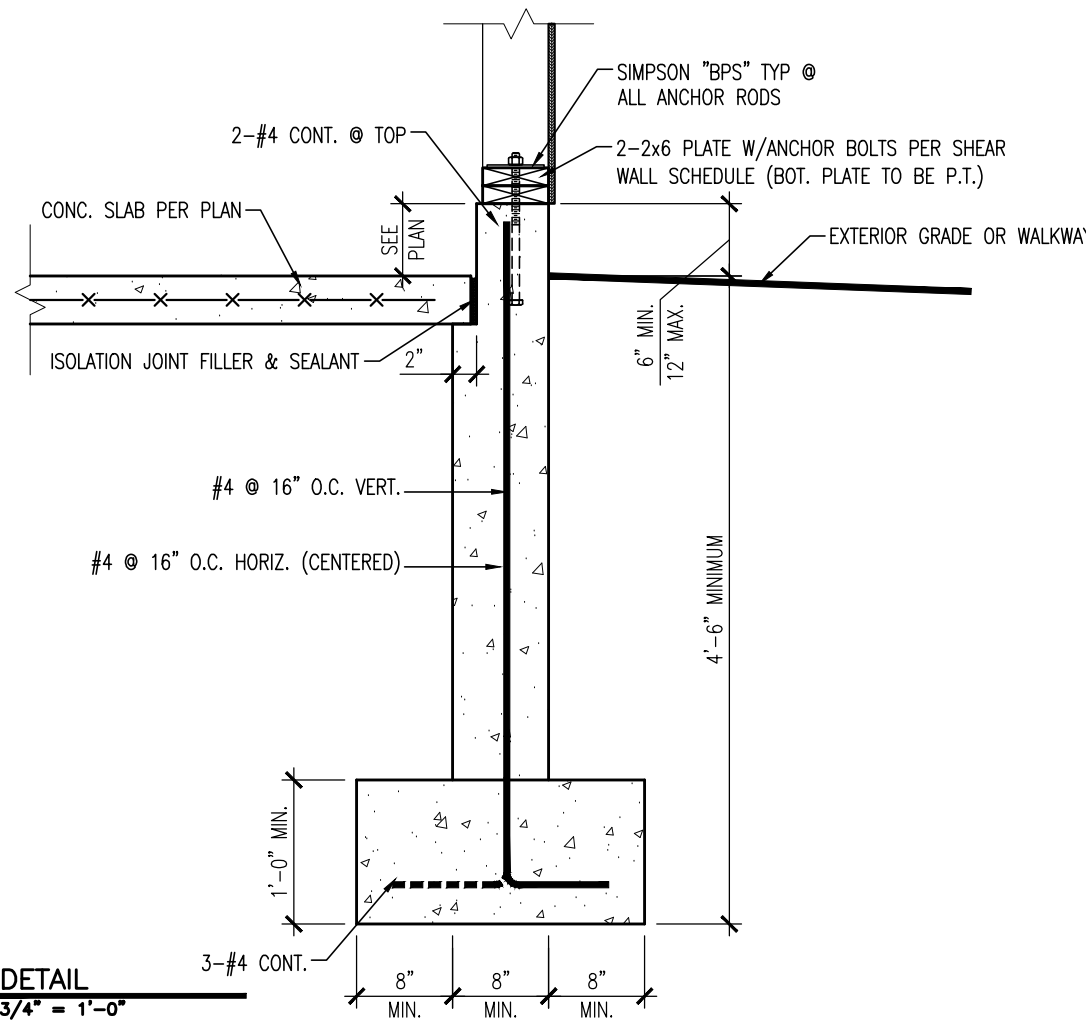
TYPICAL CONCRETE WALL DETAIL
WITH SINGLE LAYER REINFORCING

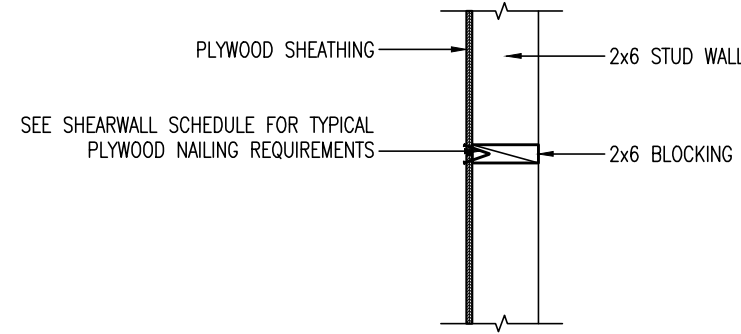


TYPICAL CONCRETE INTERSECTION WALL DETAIL
WITH SINGLE LAYER REINFORCING

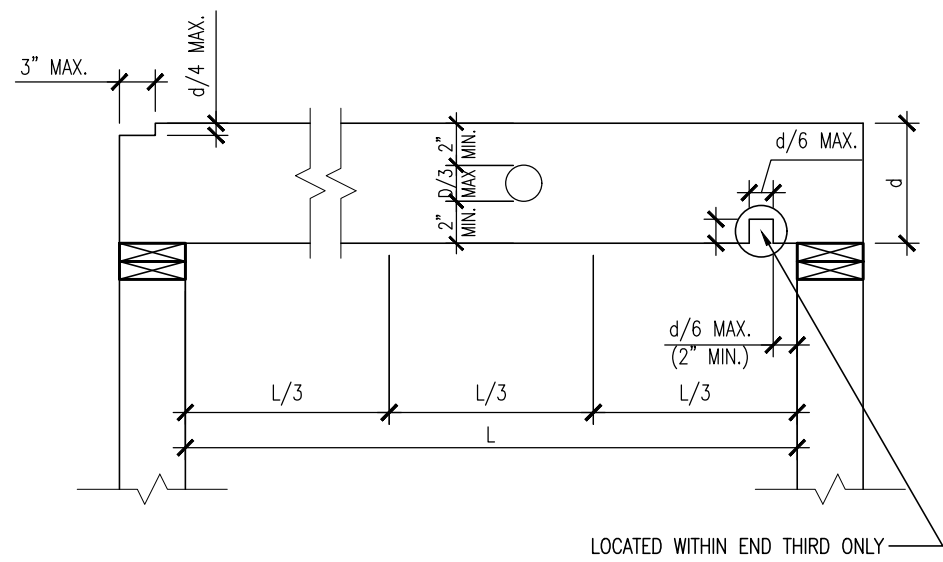


TYPICAL CONCRETE SLAB

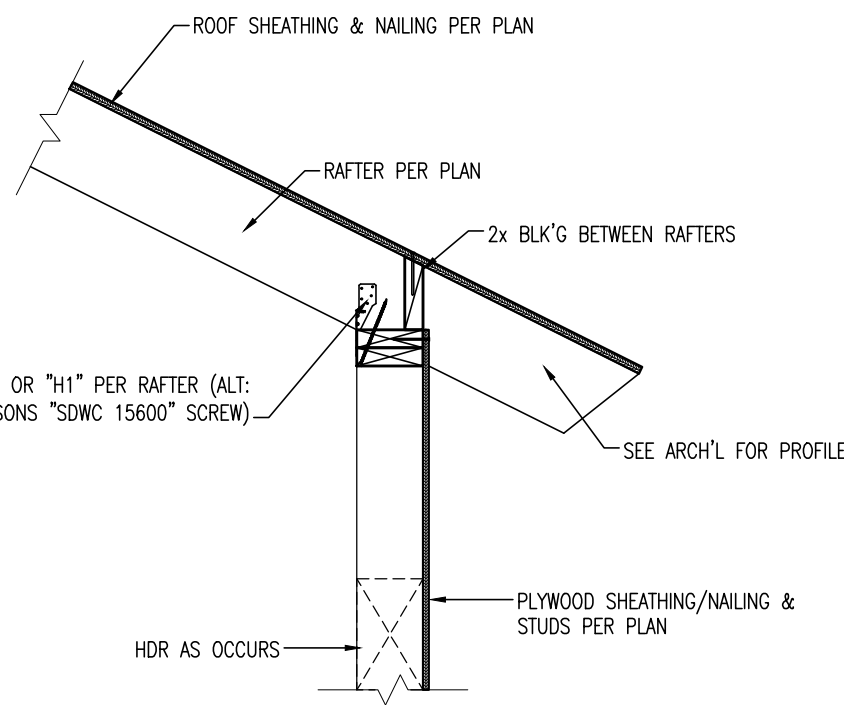




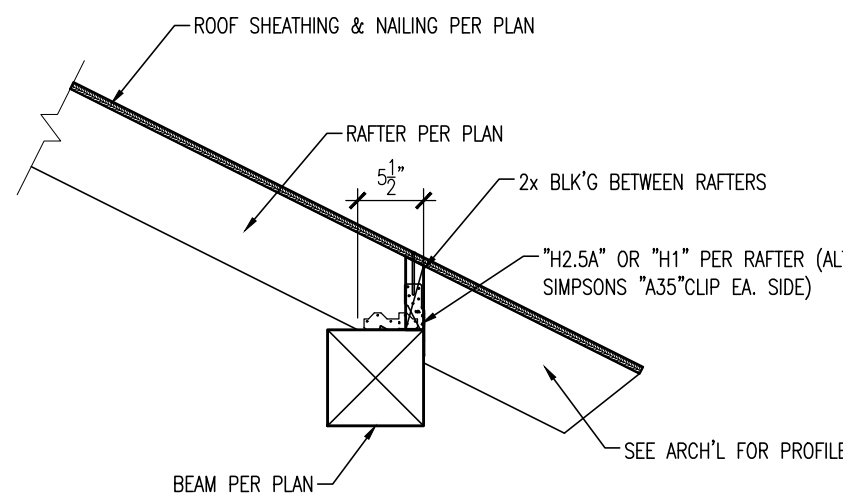
TYPICAL BLOCKING BETWEEN STUDS AT
EXTERIOR PLYWOOD SHEATHING



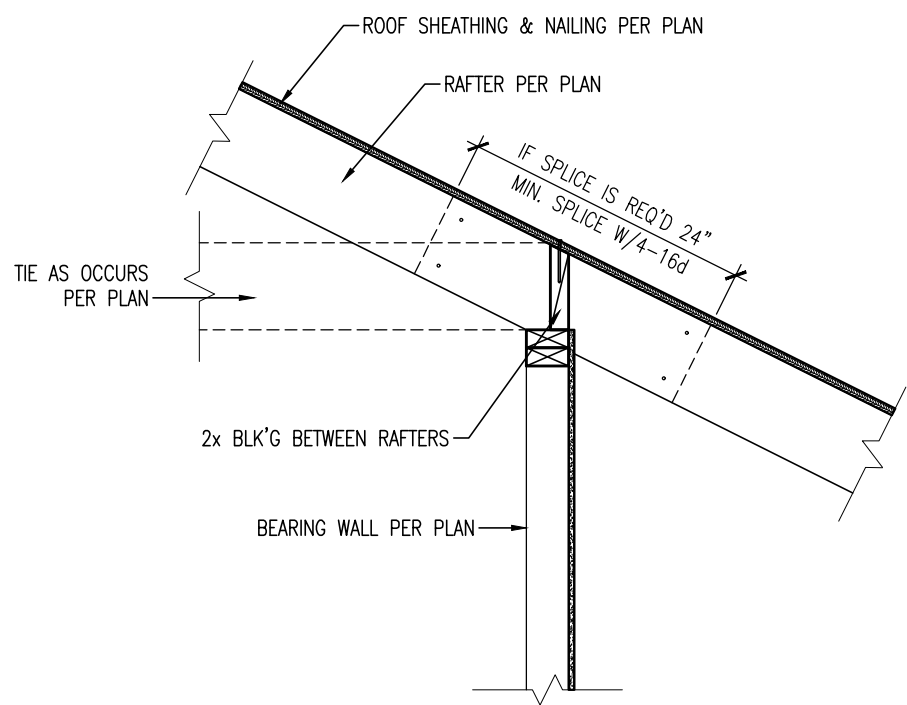
TYPICAL JOIST NOTCHING / CUTTING & BORING



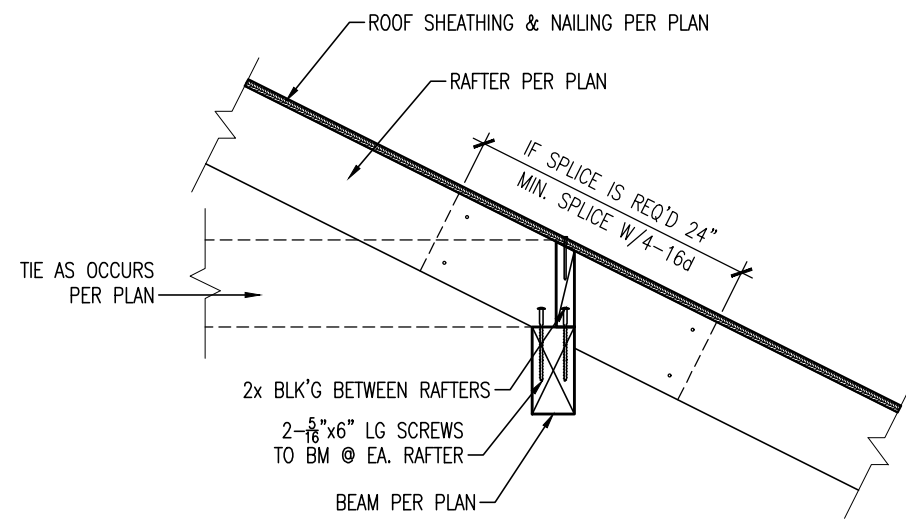
1 DETAIL
3/4\"/>



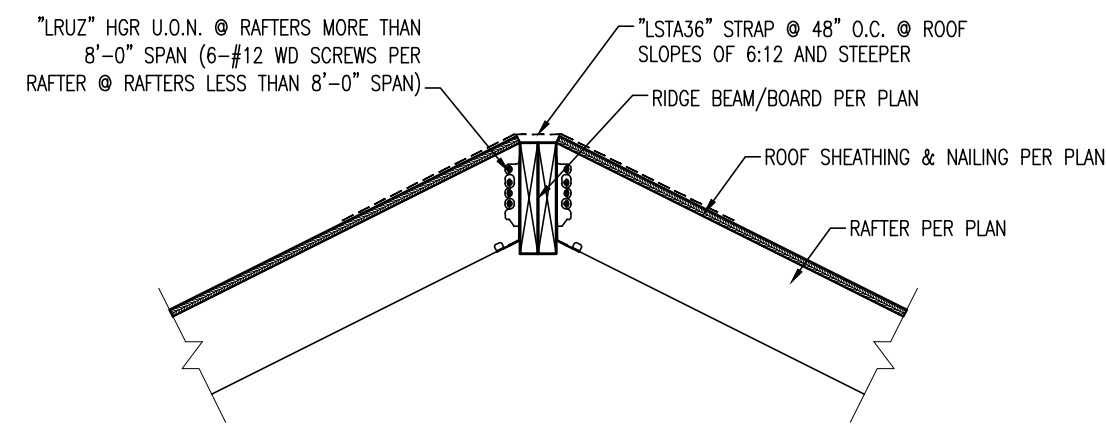
2 DETAIL
3/4\"/>



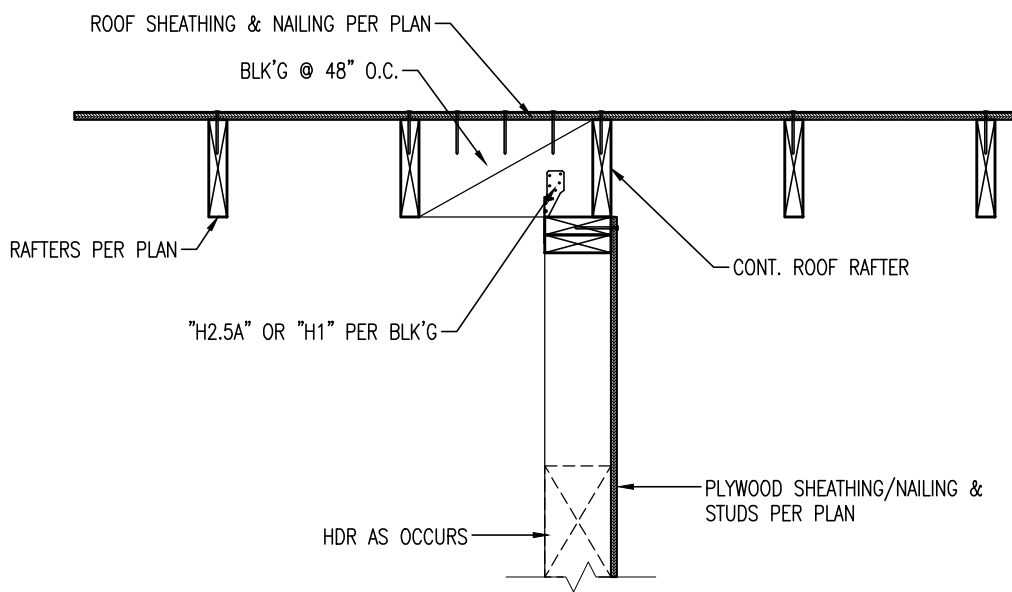
3 DETAIL
3/4\"/>



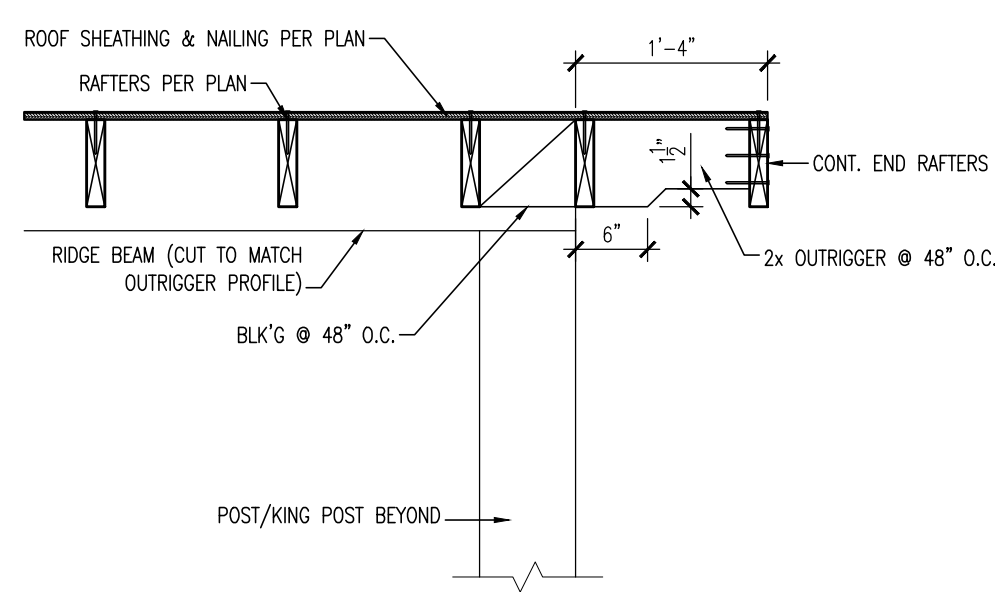
4 DETAIL
3/4\"/>



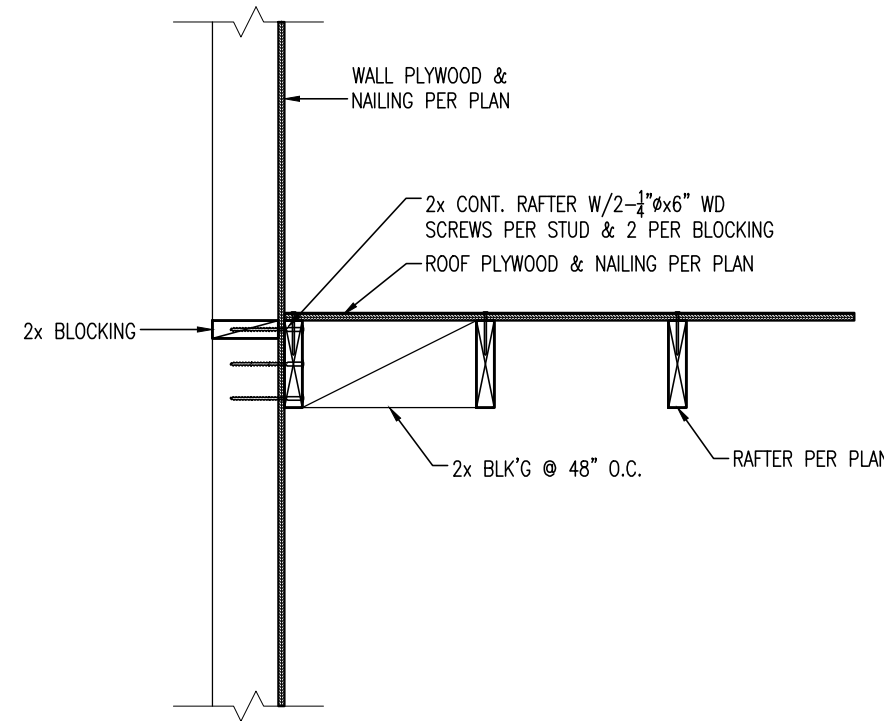
5 DETAIL
3/4\"/>



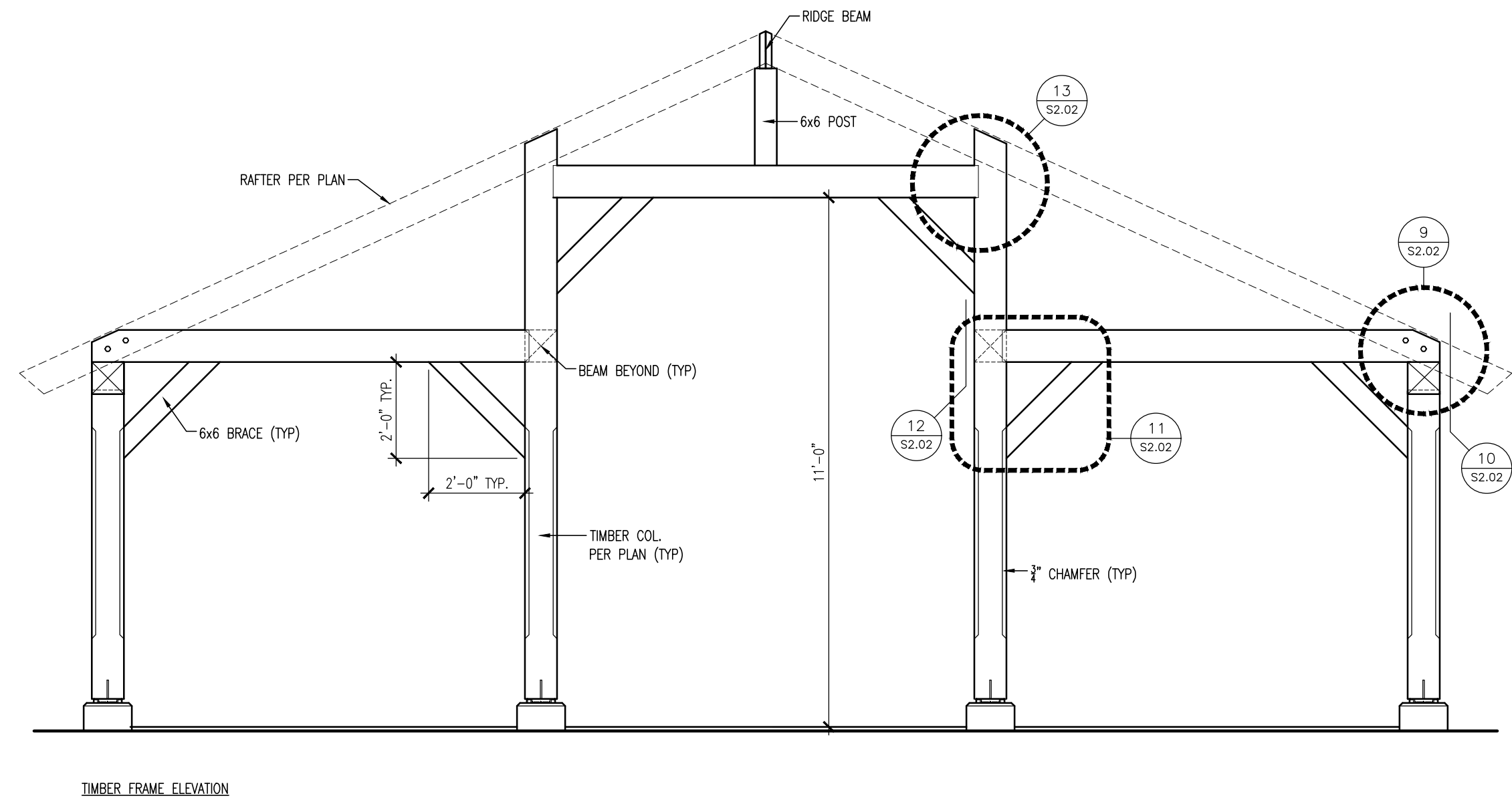
6 DETAIL
3/4\"/>



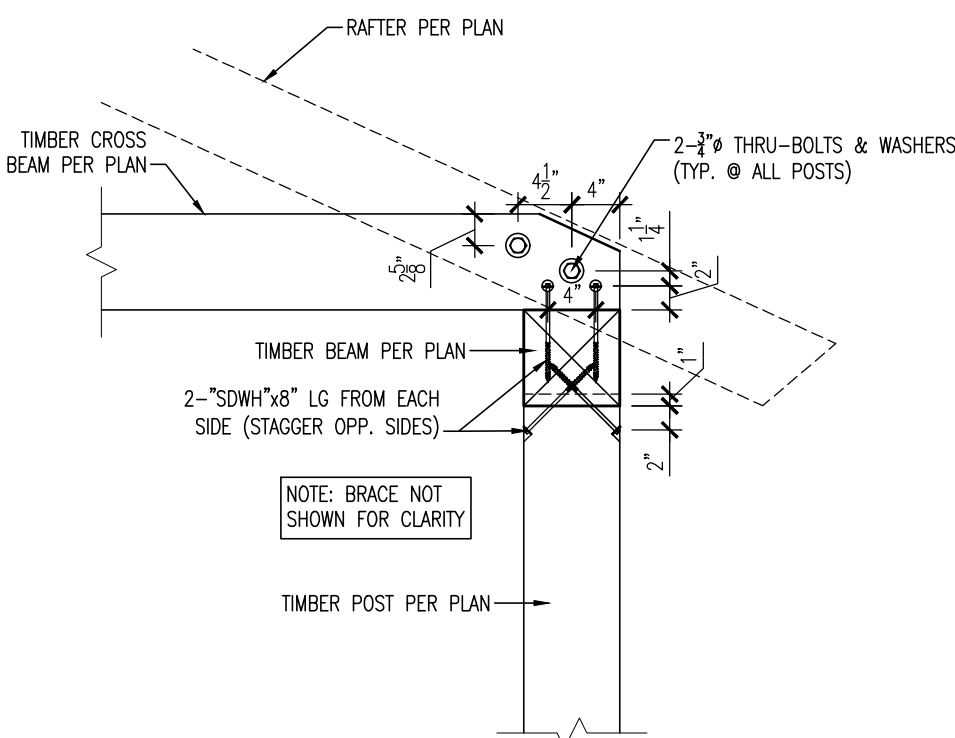
7 DETAIL
3/4\"/>



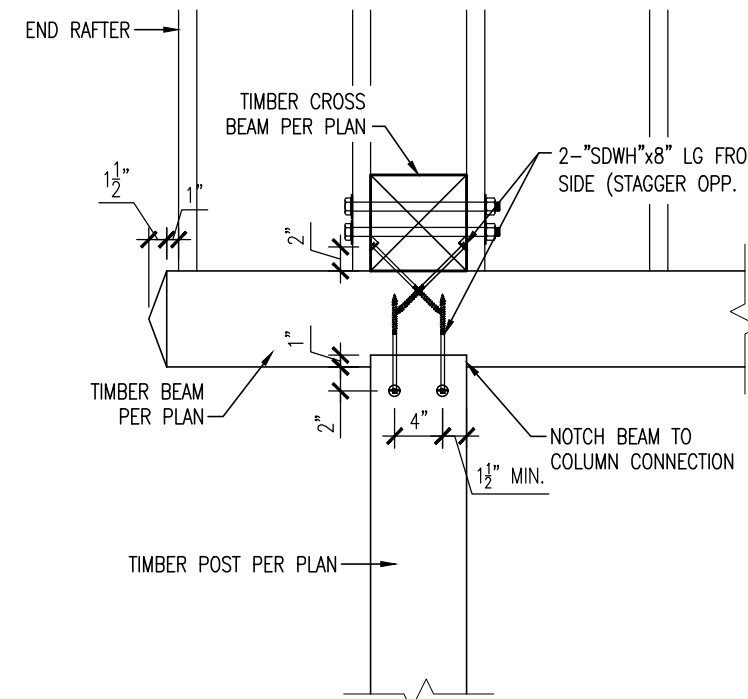
8 DETAIL
3/4\"/>



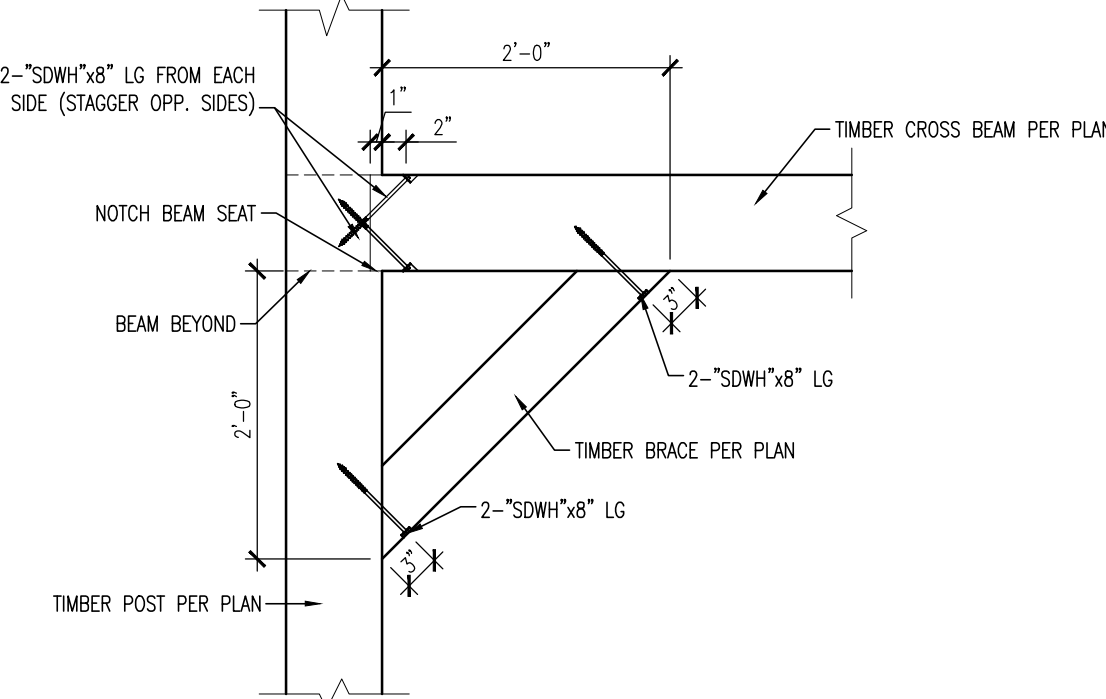
TIMBER FRAME ELEVATION



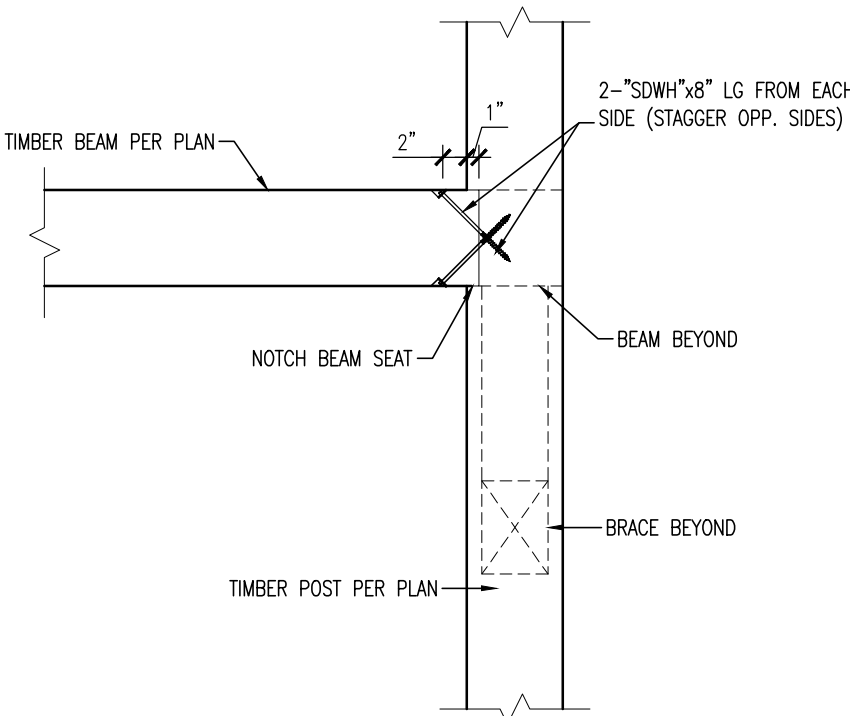
9 DETAIL
3/4\"/>



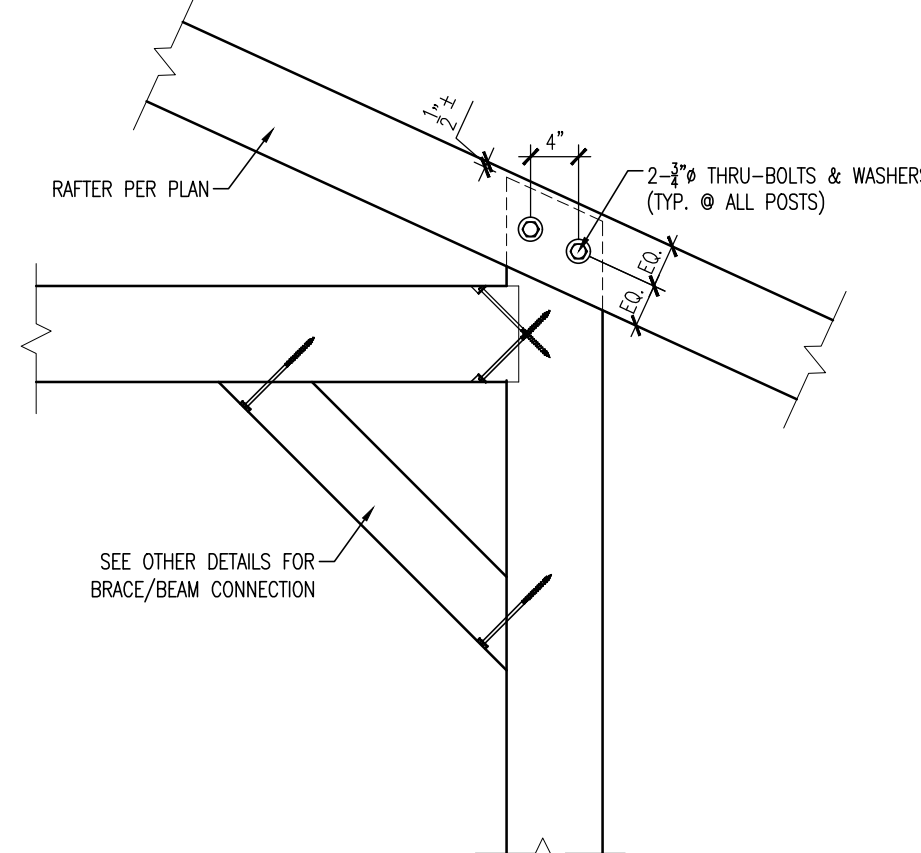
10 DETAIL
3/4\"/>



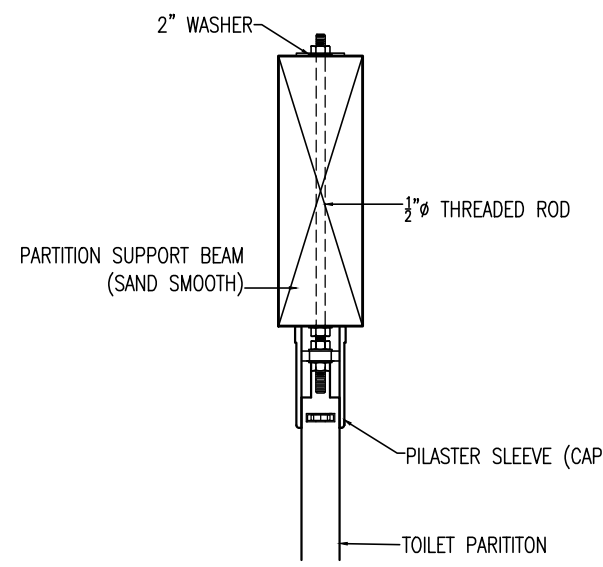
11 DETAIL
3/4\"/>



12 DETAIL
3/4\"/>



13 DETAIL
3/4\"/>



14 DETAIL
1 1/2\"/>

PARTITION INTERSECTION
 DOOR AS SCHEDULED
 4" TYPICAL Ø STUD PARTITIONS
 8" TYPICAL Ø MASONRY PARTITIONS
 (UNLESS NOTED OTHERWISE OR AS REQUIRED TO MAINTAIN ACCESSIBLE CLEARANCES)

TYP. DOOR JAMB TO WALL DIMENSIONS

MAX.
 2"
 SLOPING 1:2
 2"
 VERTICAL

TYP. CHANGE IN LEVEL

60" MIN.
 18" MIN.
 FRONT APPROACH, PULL SIDE
 HINGE APPROACH, PULL SIDE

12" MIN. W/CLOSER
 48" MIN.
 48" W/CLOSER
 FRONT APPROACH, PUSH SIDE
 HINGE APPROACH, PUSH SIDE

The diagrams illustrate the minimum clearances required for door latches in different configurations:

- LATCH APPROACH, PULL SIDE:** Shows a door with a pull handle. The minimum clearance is 36° MIN for the handle and 42° MIN for the latch mechanism.
- LATCH APPROACH, PUSH SIDE:** Shows a door with a push handle. The minimum clearance is 42° MIN for the handle and 24° MIN for the latch mechanism.
- LATCH APPROACH, PULL SIDE WCloser:** Shows a door with a pull handle and a closer. The minimum clearance is 22° MIN for the handle.
- LATCH APPROACH, PUSH SIDE WCloser:** Shows a door with a push handle and a closer. The minimum clearance is 48° MIN for the handle and 24° MIN for the latch mechanism.

TYPICAL SIGN DESIGN

TYPICAL SIGN CONFIGURATIONS

TYPE - A

TYPE - B

TYPE - C

SHOWER
TYPE "P"

PE - D

SIGN SCHEDULE

GENERAL NOTES:

- TYPICAL SIGN CONFIGURATIONS ARE SHOWN AS A REFERENCE, AND MAY VARY DEPENDING ON PROJECT CONDITIONS
- WHERE POSSIBLE ALL SIGNS SHALL CONTAIN A PICTOGRAPHIC REPRESENTATION, TEXT AND BRAILLE CHARACTERS U.O.N.
- ALL WALL MOUNTED FIRE EXTINGUISHERS SHALL RECEIVE A SIGN WITH TEXT "FIRE EXTINGUISHER"

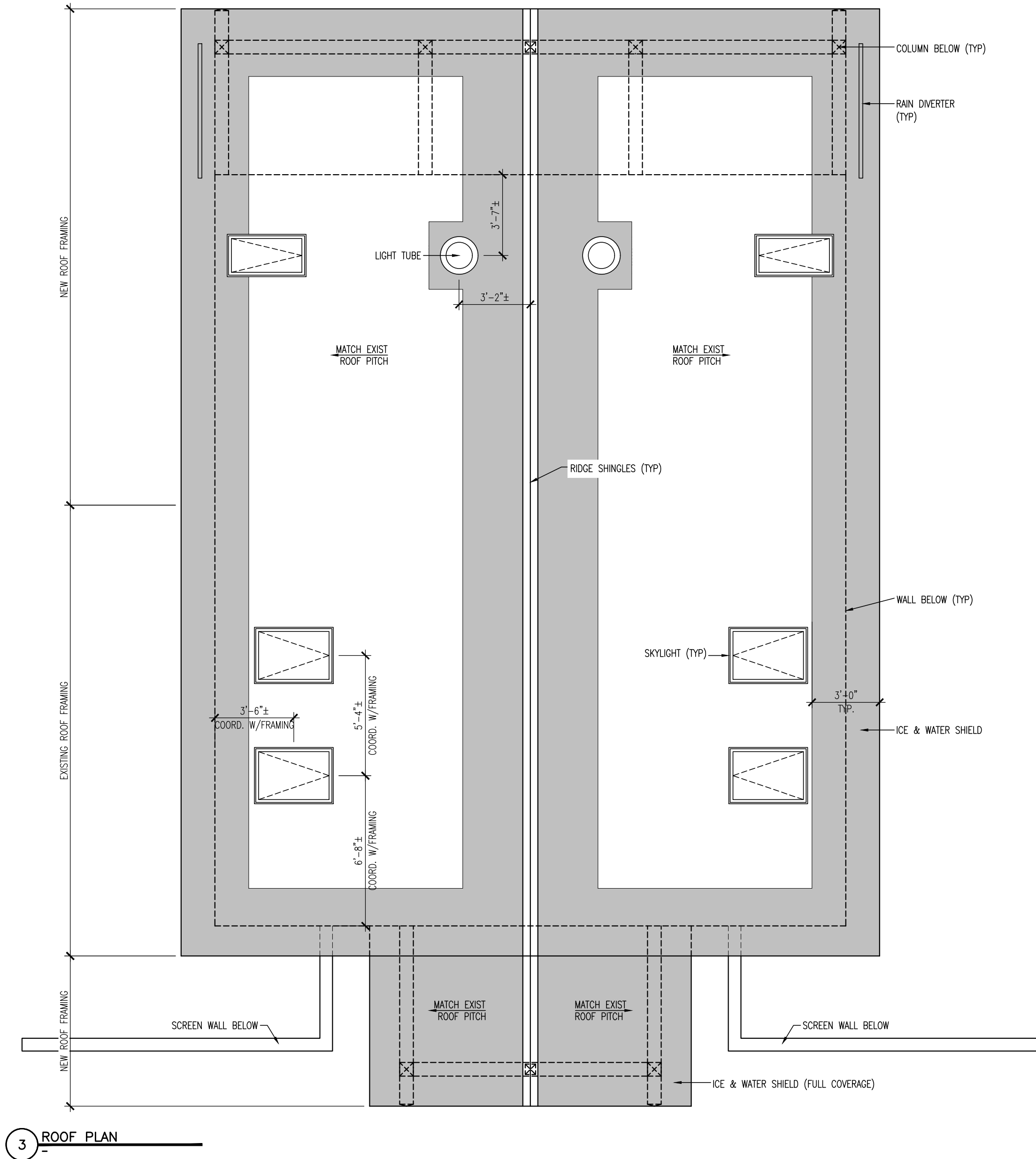
SIGN SCHEDULE		
DR. NO.	INTERIOR SIGN	EXTERIOR SIGN
101	NONE	C
102	NONE	D
103	NONE	D
104	NONE	C
105	NONE	NONE
106	NONE	B
107	NONE	A

FIXTURE SCHEDULE

	PLAN
	FRONT
	SIDE
L1	COUNTER LAVATORY
	ACCESSIBLE HEIGHT
	PLAN
L2	COUNTER LAVATORY
	STANDARD HEIGHT
	FRONT
T1	TANK TYPE TOILET
	ACCESSIBLE HEIGHT
	SIDE
T2	TANK TYPE TOILET
	STANDARD HEIGHT
	FRONT
U1	URINAL
	ACCESSIBLE HEIGHT
	SIDE
U2	URINAL
	STANDARD HEIGHT
	FRONT
FD	FLOOR DRAIN
	RECESSED
	FRONT
MS	MOP SINK
	FLOOR MTD. STD. HGT.
	FRONT
S1	SHOWER
	ACCESSIBLE
	SIDE
S2	SHOWER
	STANDARD
	FRONT
PW1	POT WASHING SINK
	ACCESSIBLE HEIGHT

ACCESSORY SCHEDULE

	PLAN
A1	TOILET PAPER DISPENSER
	SURFACE MTD. ACCESS. HGT.
	FRONT
A2	PAPER TOWEL DISPENSER
	SURFACE MTD. ACCESS. HGT.
	FRONT
A3	MIRROR @ SINK /COUNTER
	SURFACE MTD. ACCESS. HGT.
	FRONT
A4	SOAP DISPENSER @ SINK/COUNTER
	SURFACE MTD. ACCESS. HGT.
	FRONT
A5	SANITARY NAPKIN DISPOSAL
	SURFACE MTD. ACCESS. HGT.
	FRONT
A6	HOOKS
	SURFACE MTD. ACCESS. HGT.
	FRONT
A7	MOP HOLDER
	SURFACE MTD. STANDARD HGT.
	FRONT
A8	SOAP DISH
	SURFACE MTD. ACCESS. HGT.
	FRONT
A9	BABY CHANGING STATION
	SURFACE MTD. ACCESS. HGT.
	FRONT
A10	HOOK STRIP
	SURFACE MTD. ACCESS. HGT.
	FRONT
GB	GRAB BARS
	ACCESSIBLE HEIGHT
	FRONT
S1	TOILET STALL
	STANDARD HEIGHT
	FRONT
S2	TOILET STALL
	ACCESSIBLE



DEMOLITION NOTES

GENERAL

- THE DEMOLITION PLANS ILLUSTRATE THE GENERAL INTENT AND SCOPE OF ARCHITECTURAL DEMOLITION. THEY ARE NOT INTENDED TO BE A COMPLETE REPRESENTATION OF ALL DEMOLITION WORK REQUIRED. ALL DRAWINGS AND SPECIFICATIONS SHOULD BE CONSIDERED WHEN DETERMINING THE FULL SCOPE OF DEMOLITION REQUIRED FOR THE PROJECT. IT IS THE INTENT OF THE SCOPE TO REQUIRE DEMOLITION OF ALL BUILDING ELEMENTS AS REQUIRED FOR THE INSTALLATION OF NEW WORK FOR THIS PROJECT.
- ITEMS SHOWN AS "DASHED" LINES GENERALLY REPRESENT ITEMS TO BE REMOVED. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY THE EXACT LIMITS AND DETAILS OF DEMOLITION AND COORDINATE WITH THE PLANS AND DETAILS OF NEW WORK.
- UNLESS OTHERWISE INDICATED ON THE DRAWINGS, REMOVE PARTITIONS COMPLETE TO THE STRUCTURES ABOVE.
- REMOVE DOORS, FRAMES AND HARDWARE INCLUDING SIDELIGHTS, TRANSOMS AND THRESHOLDS WHERE DOORS ARE SHOWN TO BE REMOVED.
- AFTER DEMOLITION IS COMPLETE, PATCH ALL SURFACES THAT REMAIN AS NEEDED TO RECEIVE NEW FINISHES, OR TO MATCH EXISTING FINISH TO REMAIN (IF NO NEW FINISH IS SCHEDULED).
- REMOVE EXISTING FINISHES AS REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION.
- REMOVE ALL UNUSED ELECTRICAL, MECHANICAL, PLUMBING, ETC. SYSTEMS BACK TO THEIR POINT OF ORIGIN. NO UNUSED COMPONENTS ARE TO BE LEFT ABANDONED IN PLACE.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ANY AND ALL NECESSARY SHORING AND TEMPORARY SUPPORTS REQUIRED DURING CONSTRUCTION. NO STRUCTURAL ELEMENTS SHALL BE REMOVED WITHOUT HAVING SUFFICIENT SHORING IN PLACE.
- PROVIDING CORING AND TRENCHING IN EXISTING CONSTRUCTION AS REQUIRED FOR NEW WORK. PATCH TO MATCH EXISTING.
- SALVAGE EXISTING WOOD SIGNAGE AND DISPLAY BOARDS FOR REUSE.

DOORS AND WINDOWS

DW1 - REMOVE EXISTING DOOR, FRAME AND HARDWARE COMPLETE.

DW2 - REMOVE EXISTING UPPER WINDOWS AND SCREENS, PREP AREA FOR NEW INFILL.

FINISHES

FN1 - REMOVE TOILET PARTITIONS, URINAL SCREENS AND ALL APPURTENANCES COMPLETE THROUGHOUT

FN2 - REMOVE EXISTING WALL AND CEILING FINISHES & INTERIOR SHEATHING COMPLETE. PREP FOR NEW FINISHES.

ROOFS

R1 - REMOVE EXISTING SHINGLES AND ROOF FELT DOWN TO EXISTING SHEATHING COMPLETE, PREP TO RECEIVE NEW ROOFING.

R2 - REMOVE ROOF OVERHANG AND PREP FOR NEW CONSTRUCTION.

R3 - REMOVE PORTION OF EXISTING ROOF AS REQUIRED FOR INSTALLATION OF NEW SKYLIGHTS.

PLUMBING

P1 - REMOVE EXISTING PLUMBING FIXTURES, PIPING AND ALL APPURTENANCES COMPLETE. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION

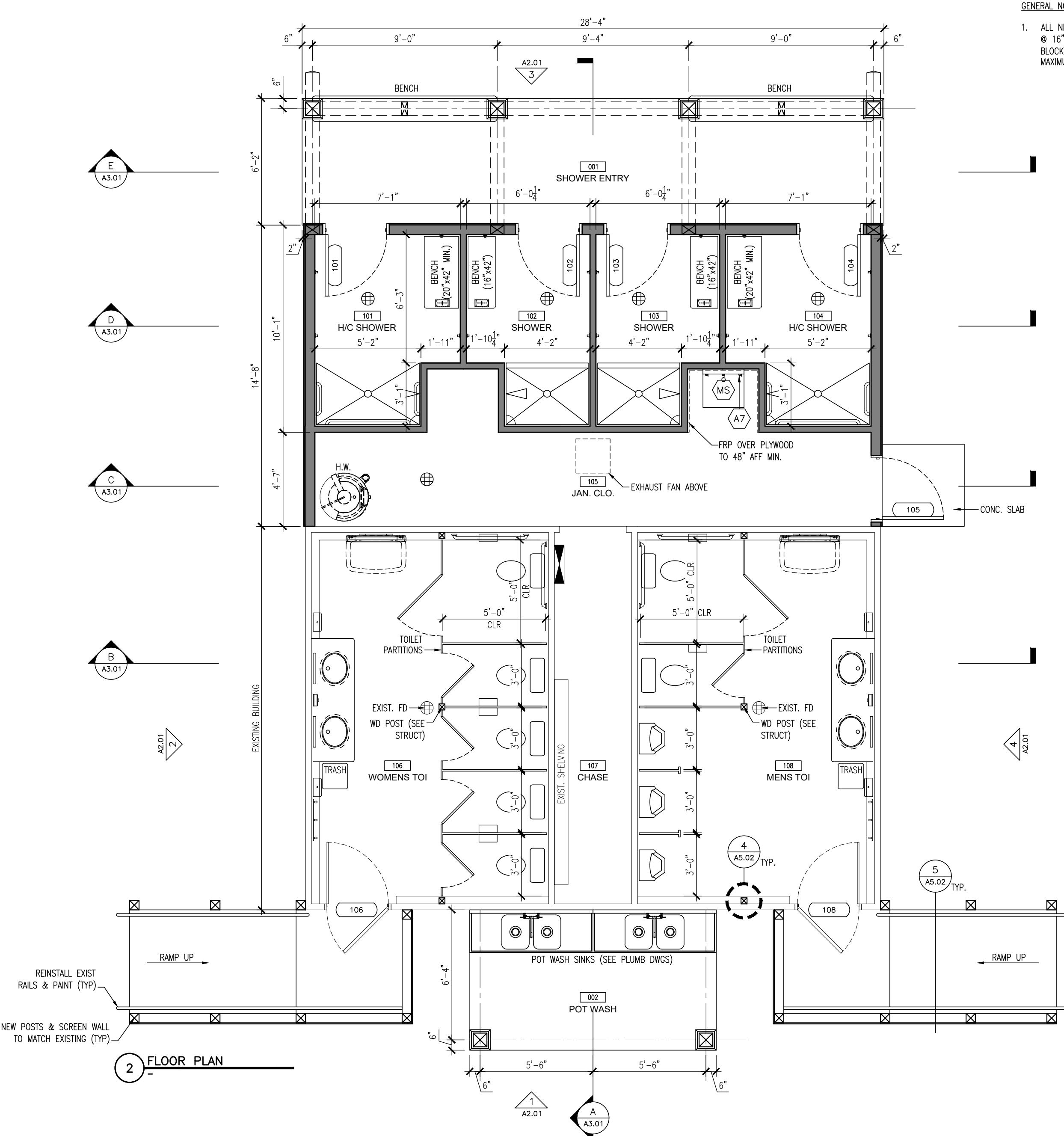
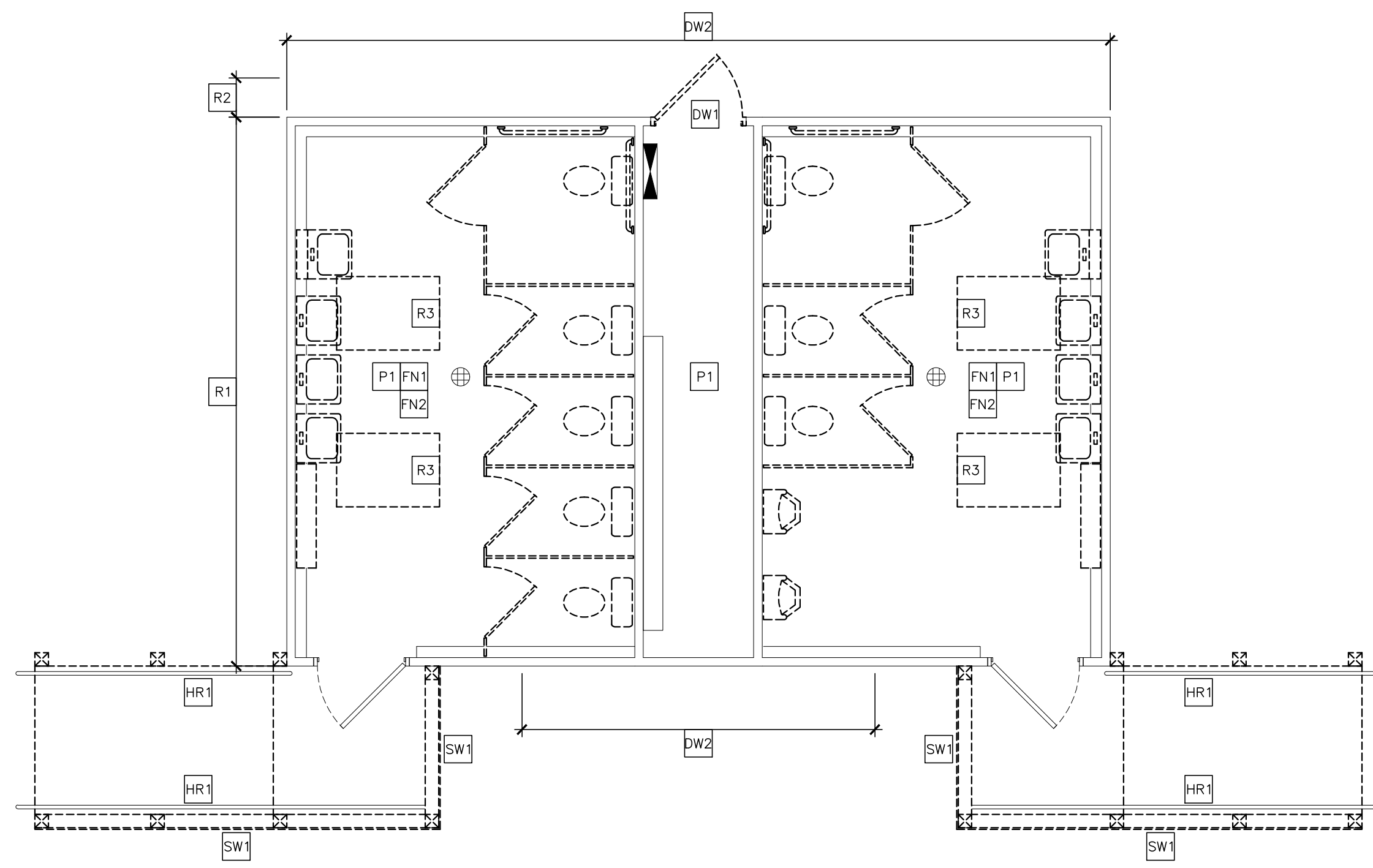
SCREEN WALLS

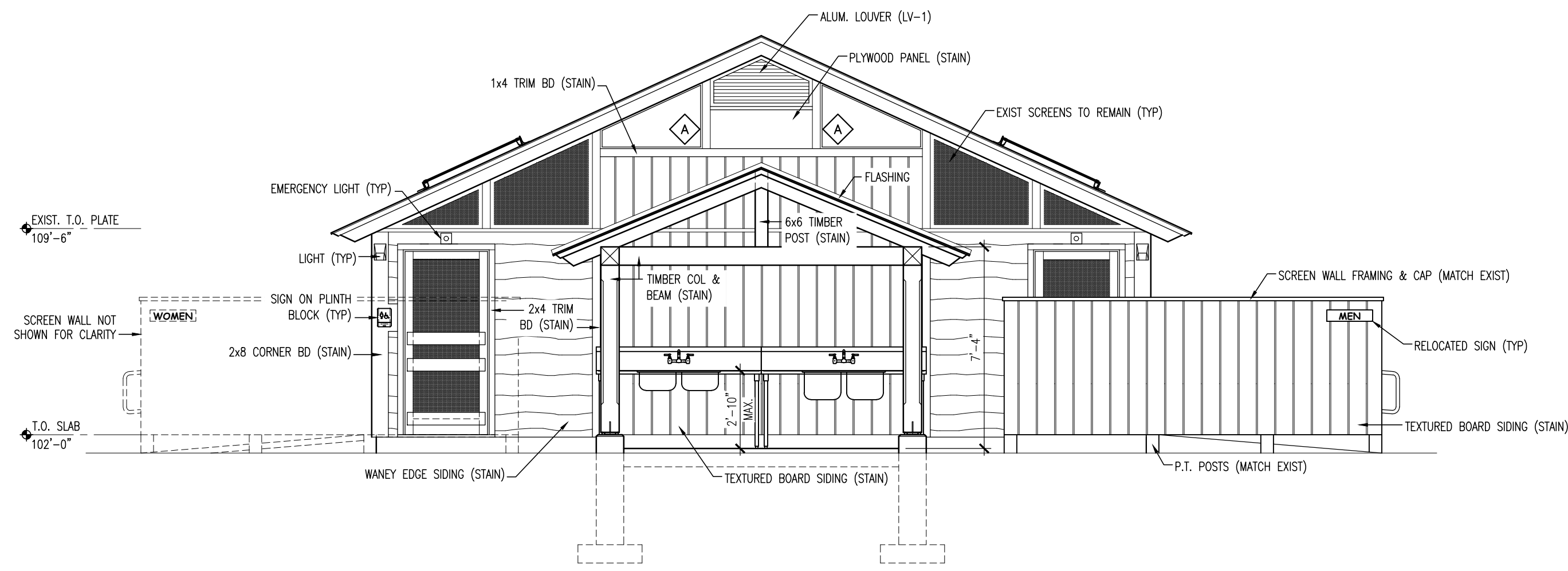
SW1 - REMOVE EXISTING WOOD SCREEN WALLS AND RAMP COMPLETE. PREP FOR INSTALLATION OF NEW RAMP AND SCREEN WALLS.

HANDRAILS

HR1 - REMOVE AND SALVAGE EXISTING HANDRAILS AND BRACKETS. PREP FOR REFINISHING AND REINSTALLATION.

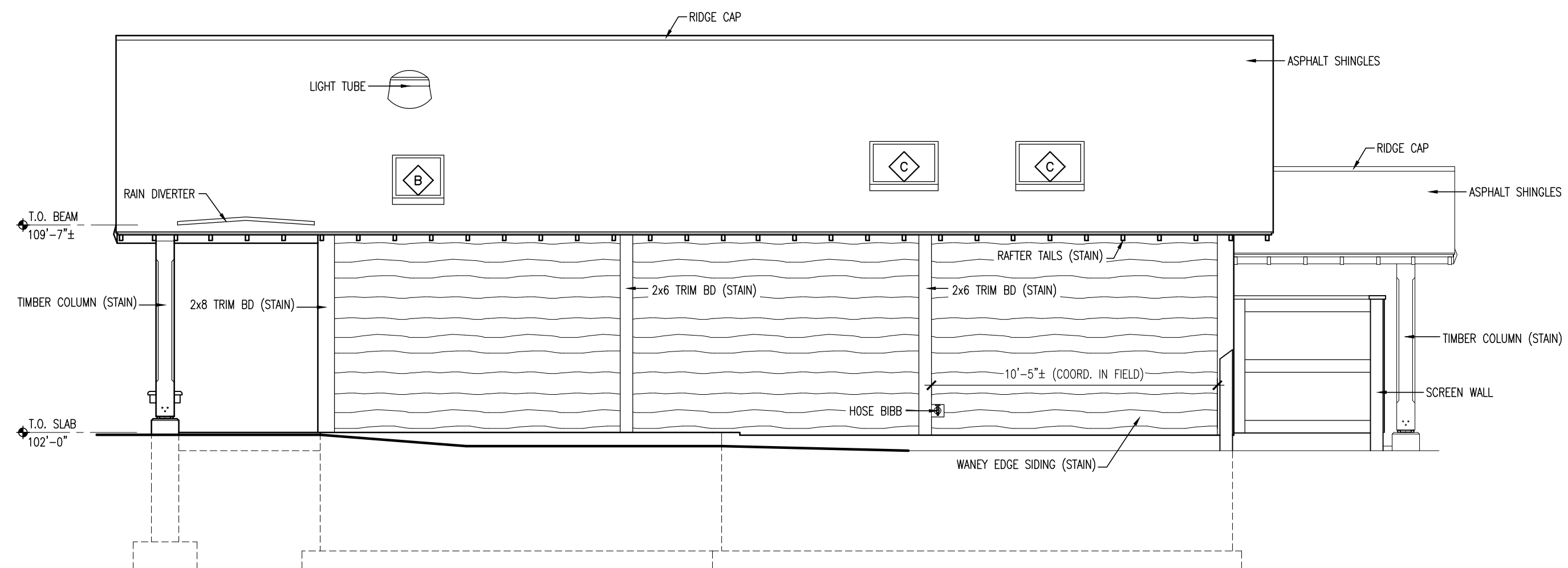
1 DEMOLITION PLAN



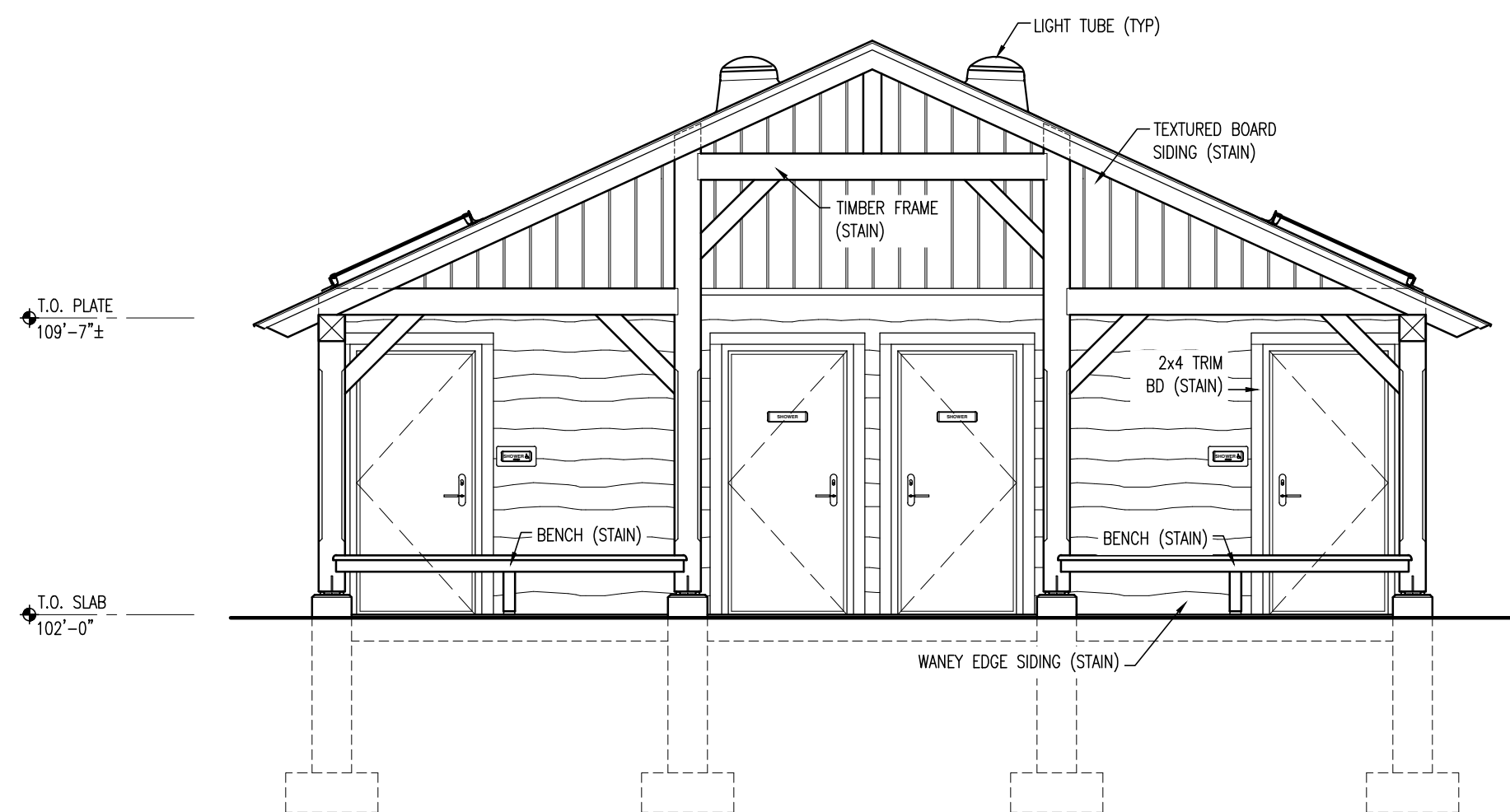


1 FRONT ELEVATION

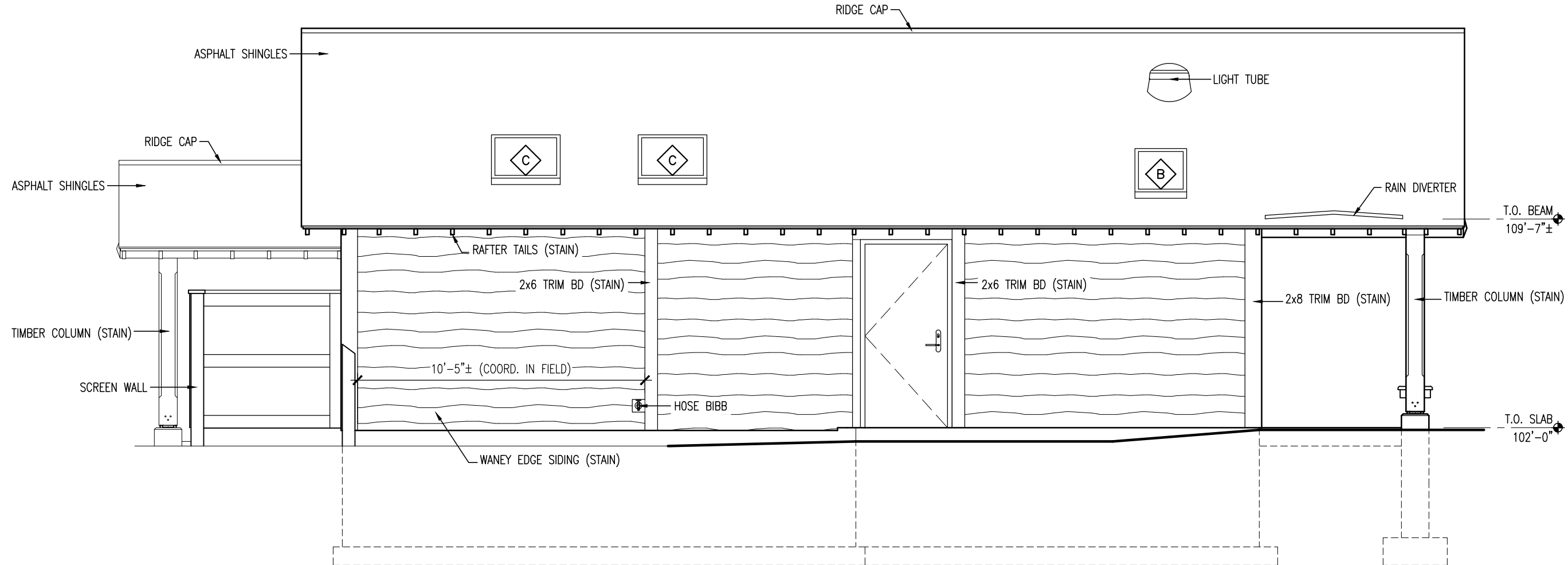
GENERAL NOTES
1. PROVIDE SOLID PLINTH BLOCKS BEHIND ALL SIGNAGE, FIXTURES, EQUIPMENT, LIGHTING, ETC.



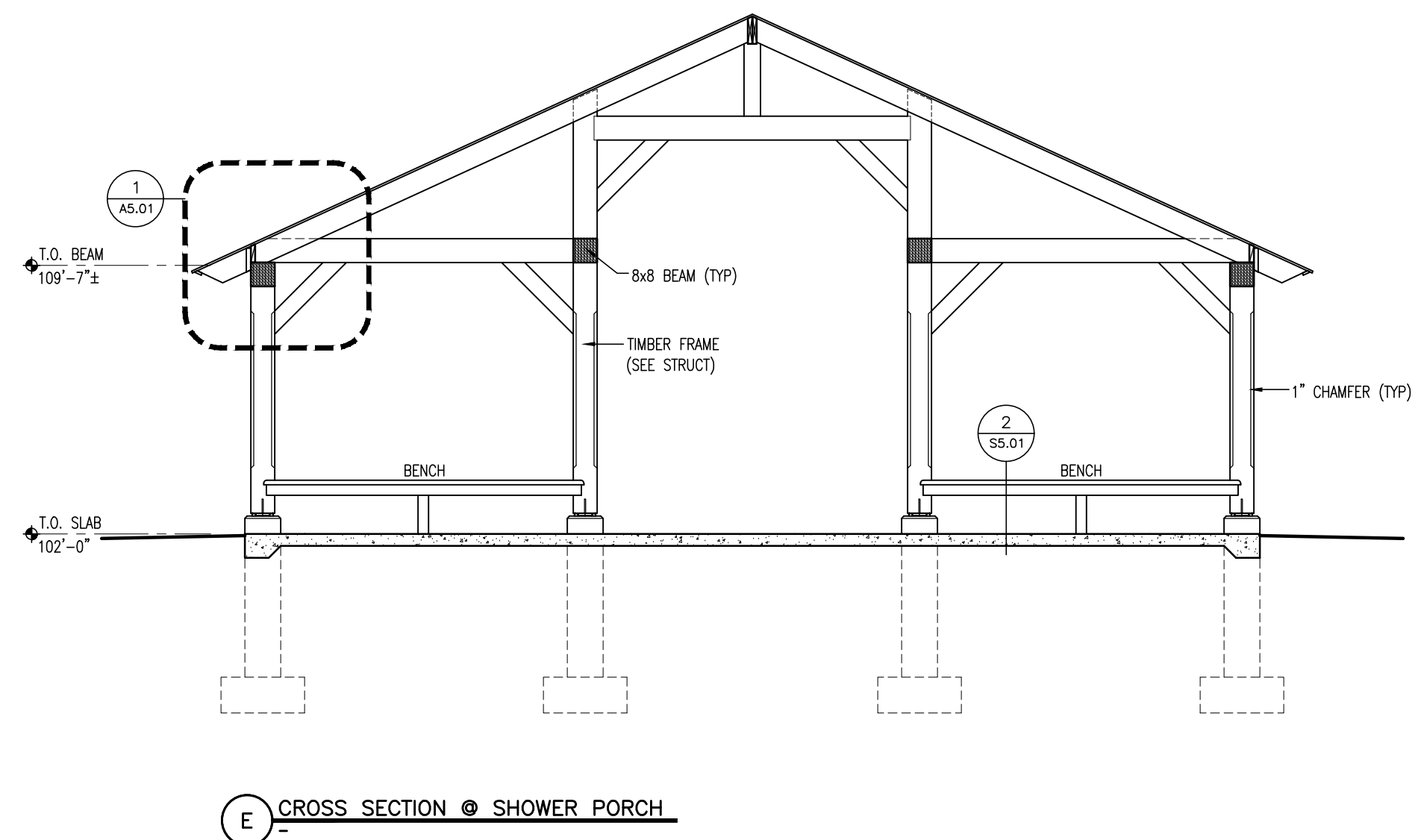
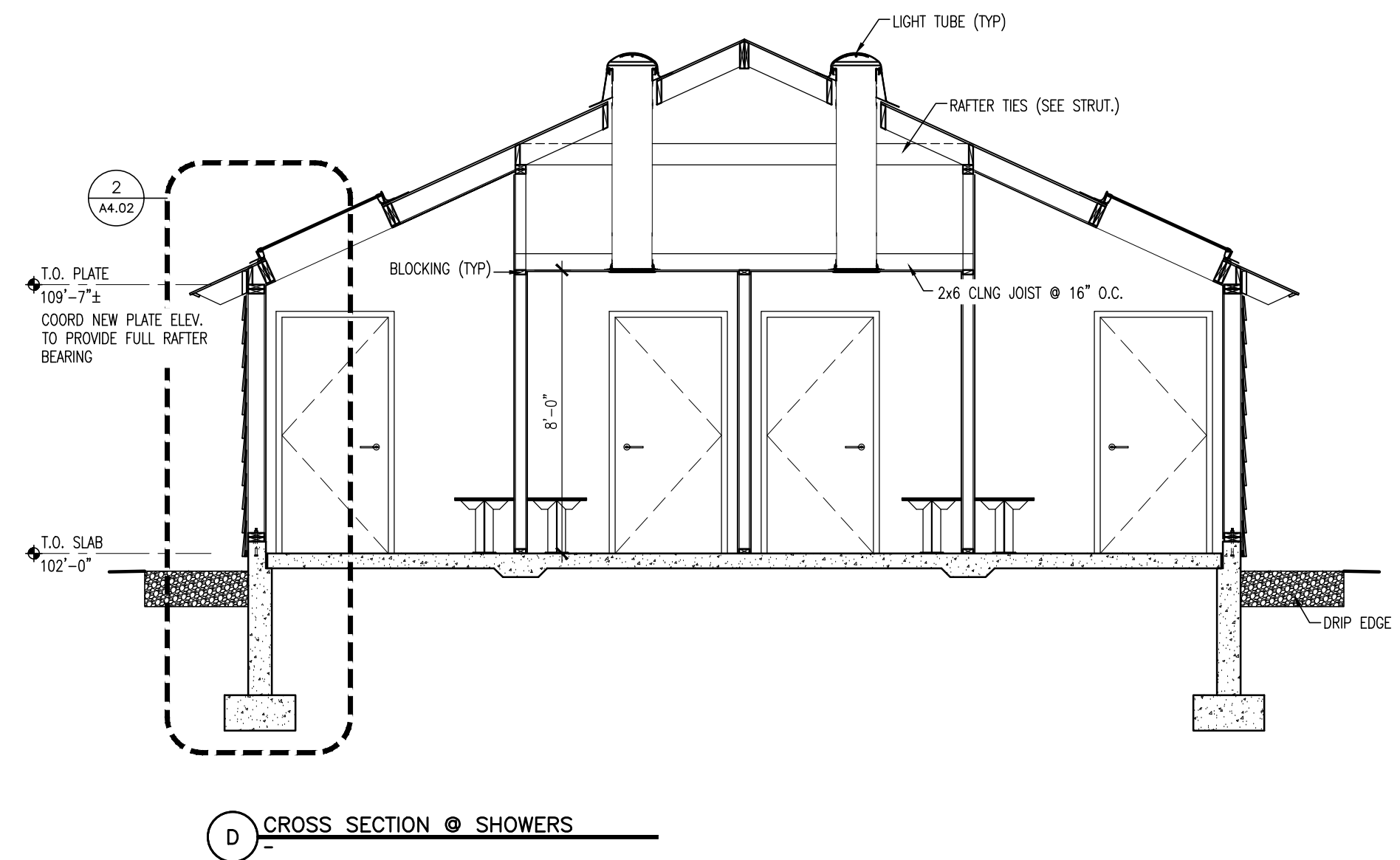
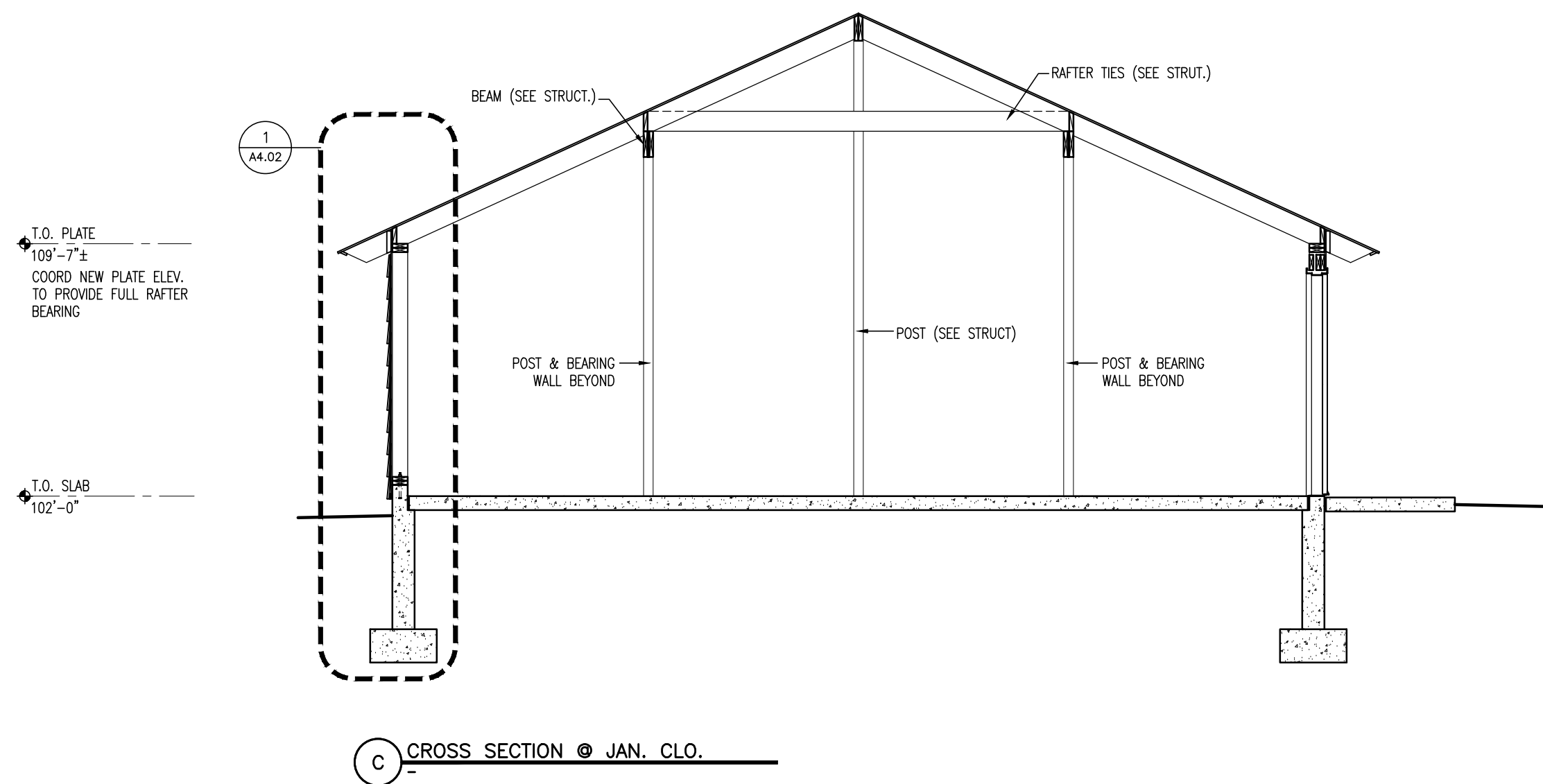
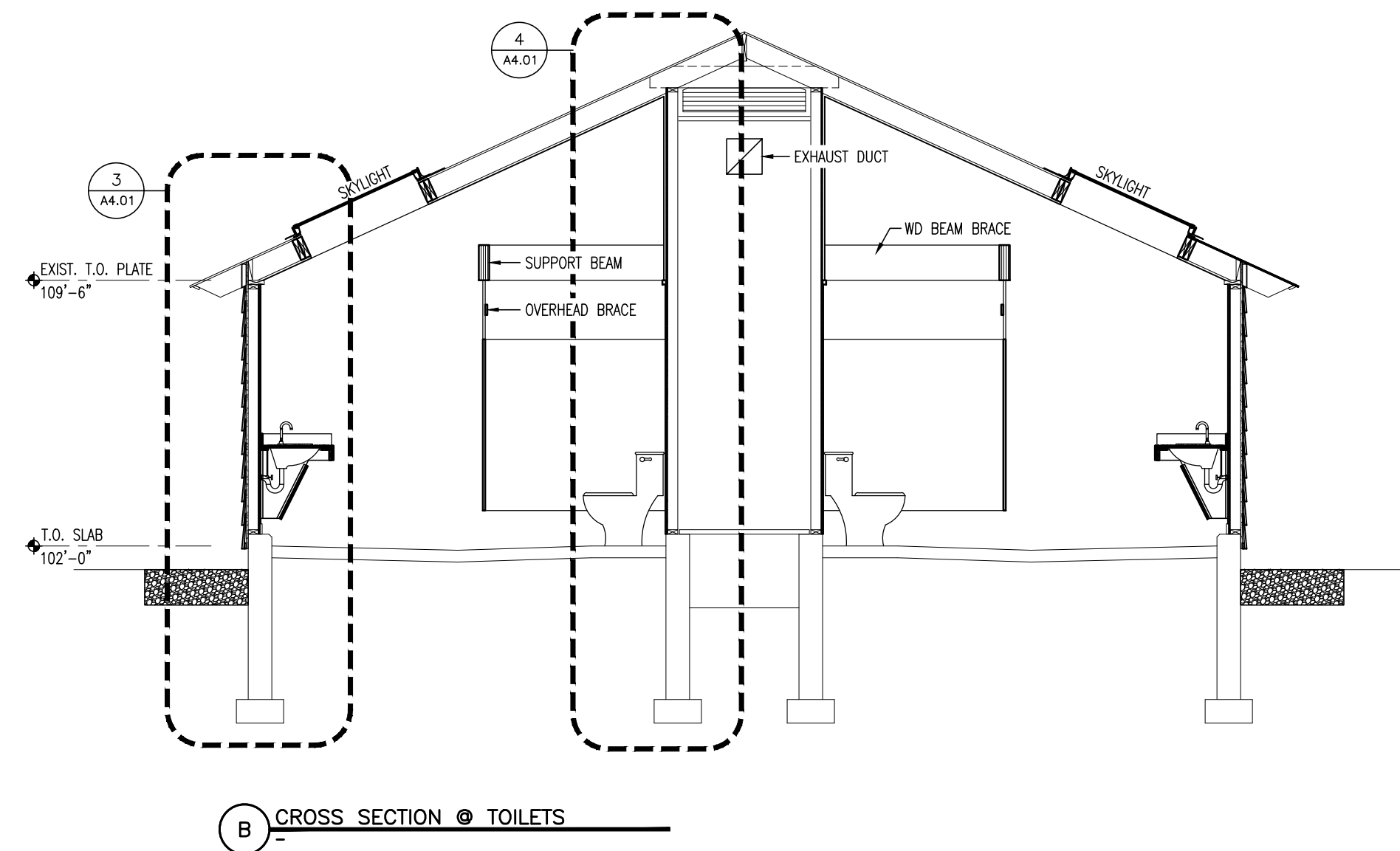
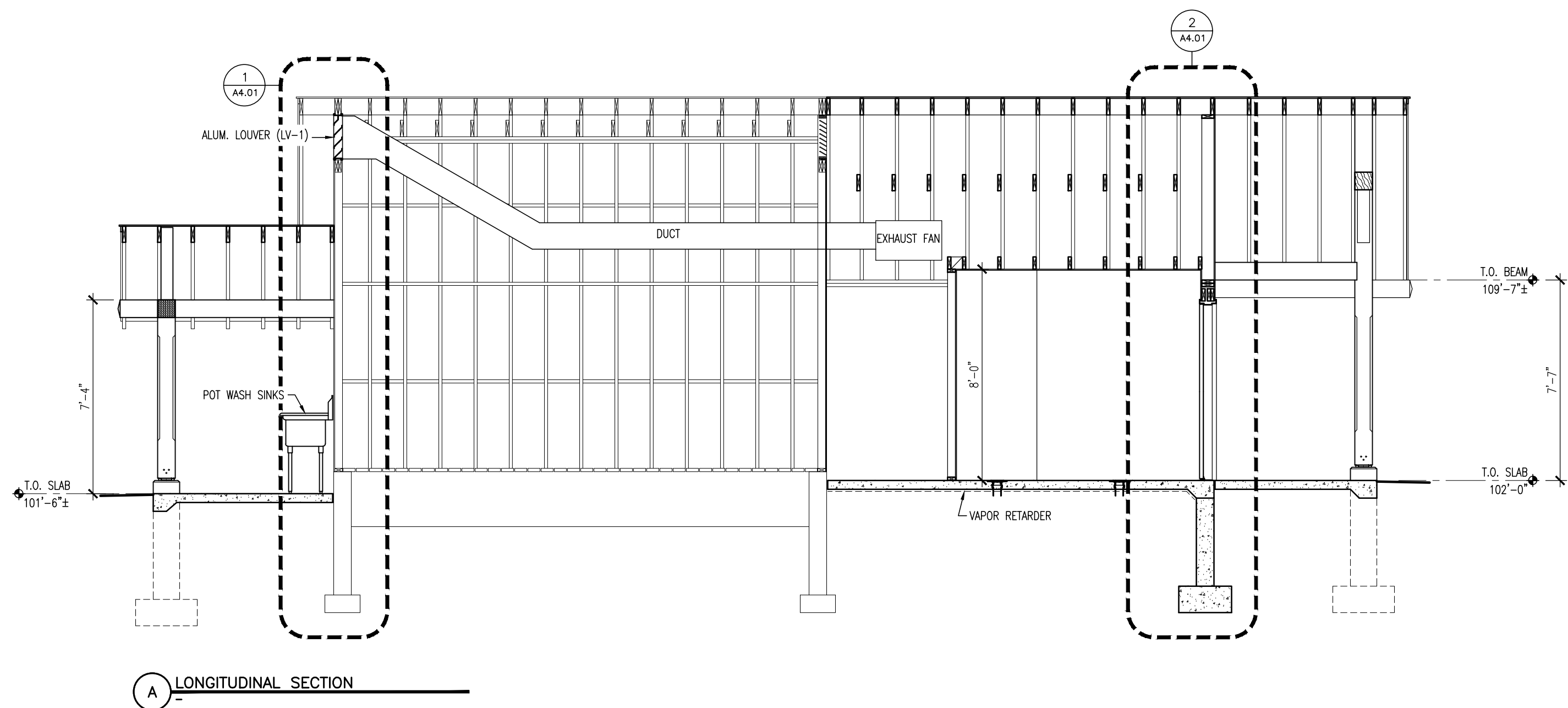
2 LEFT ELEVATION

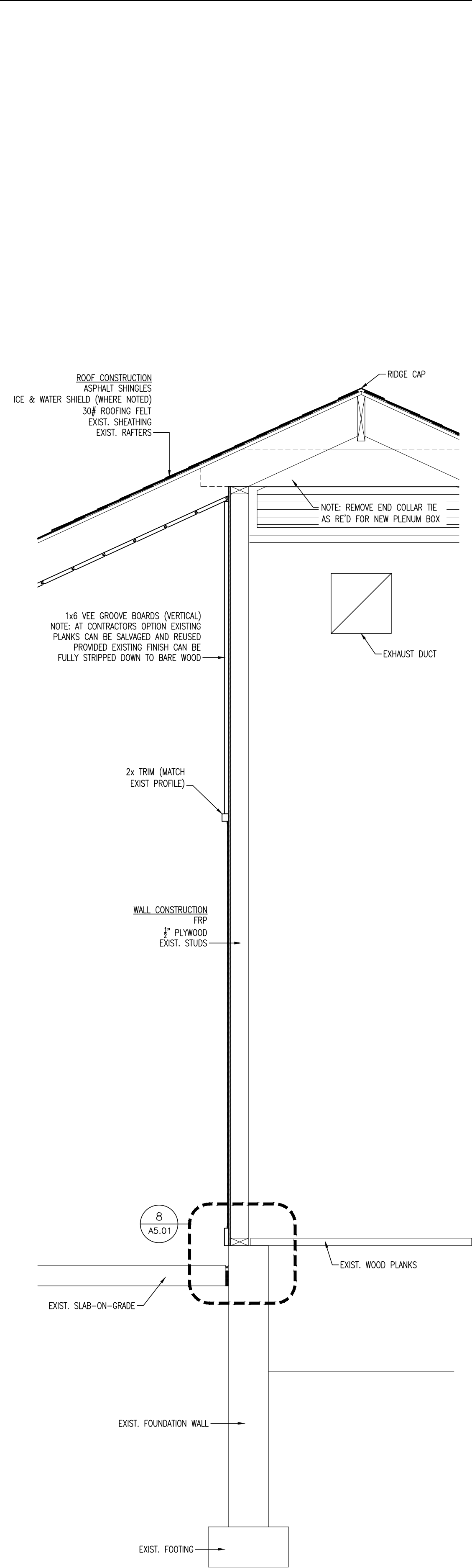
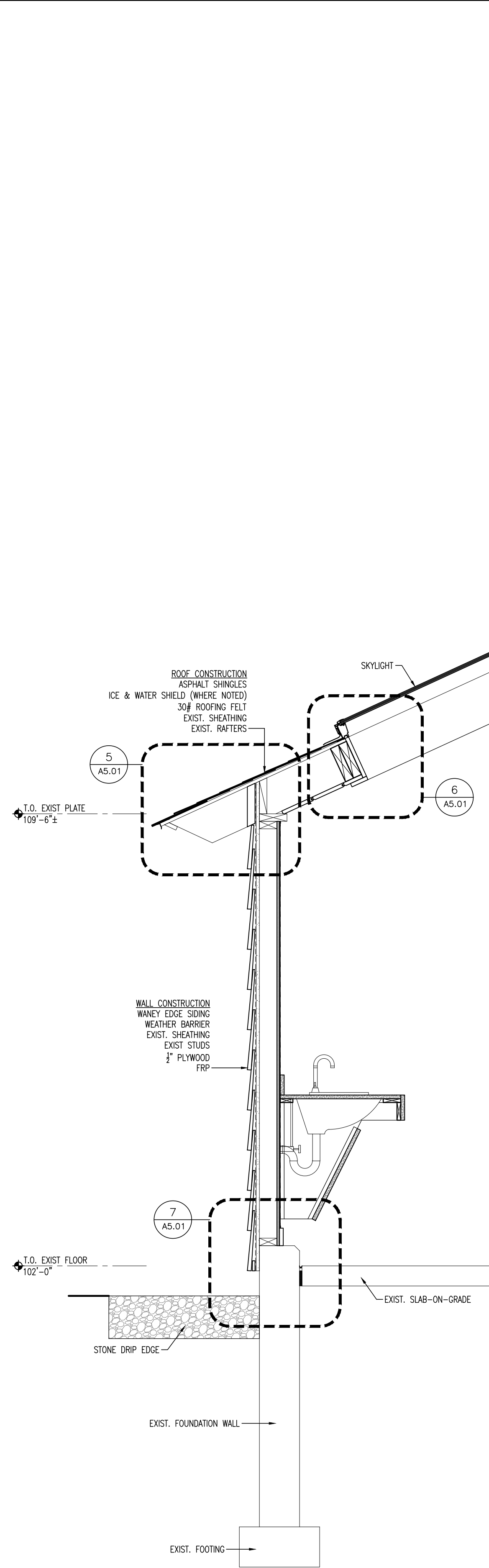
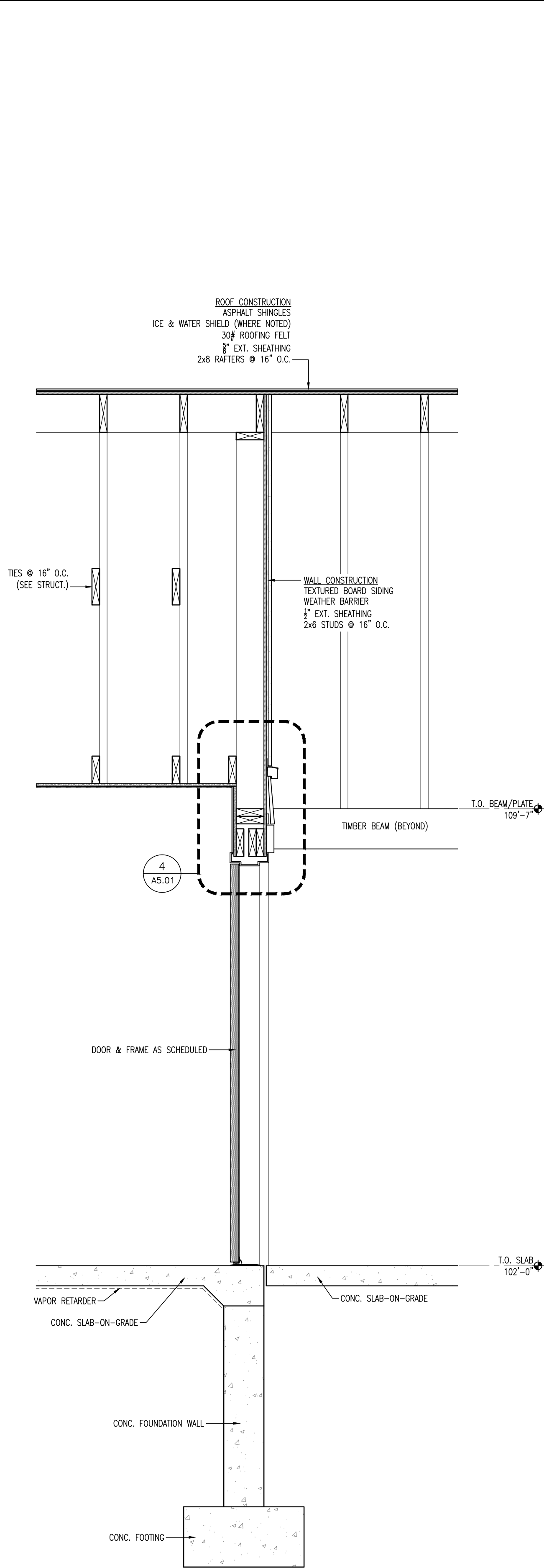
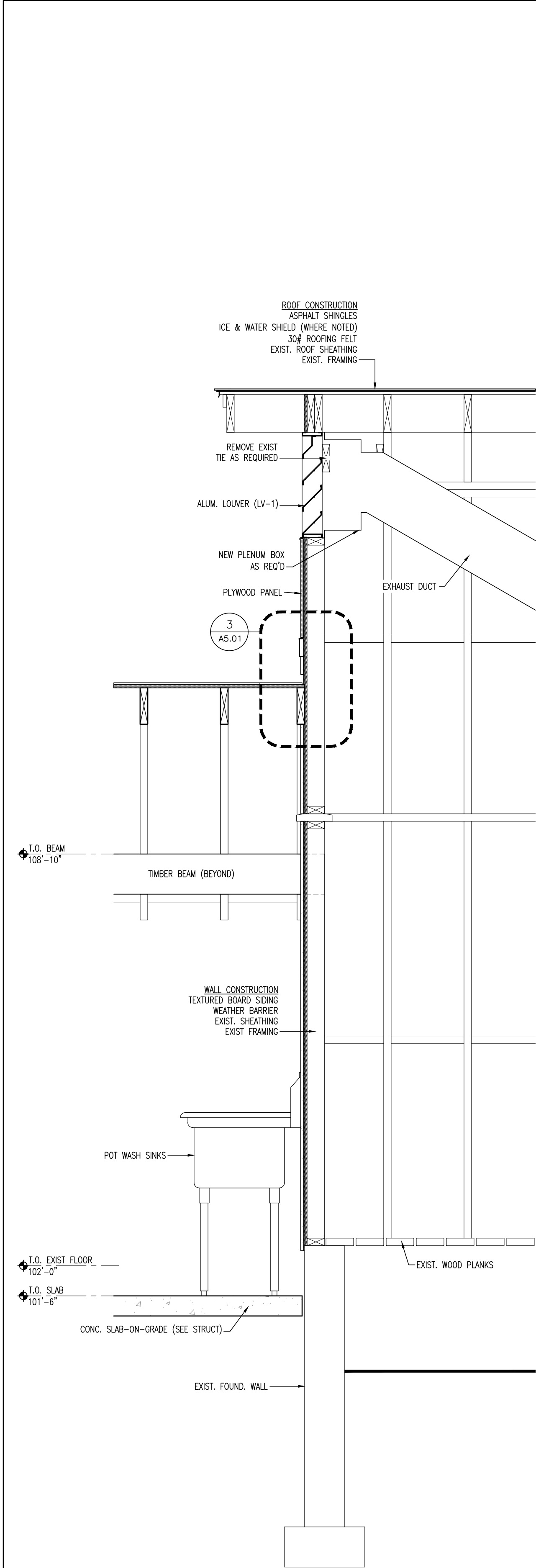


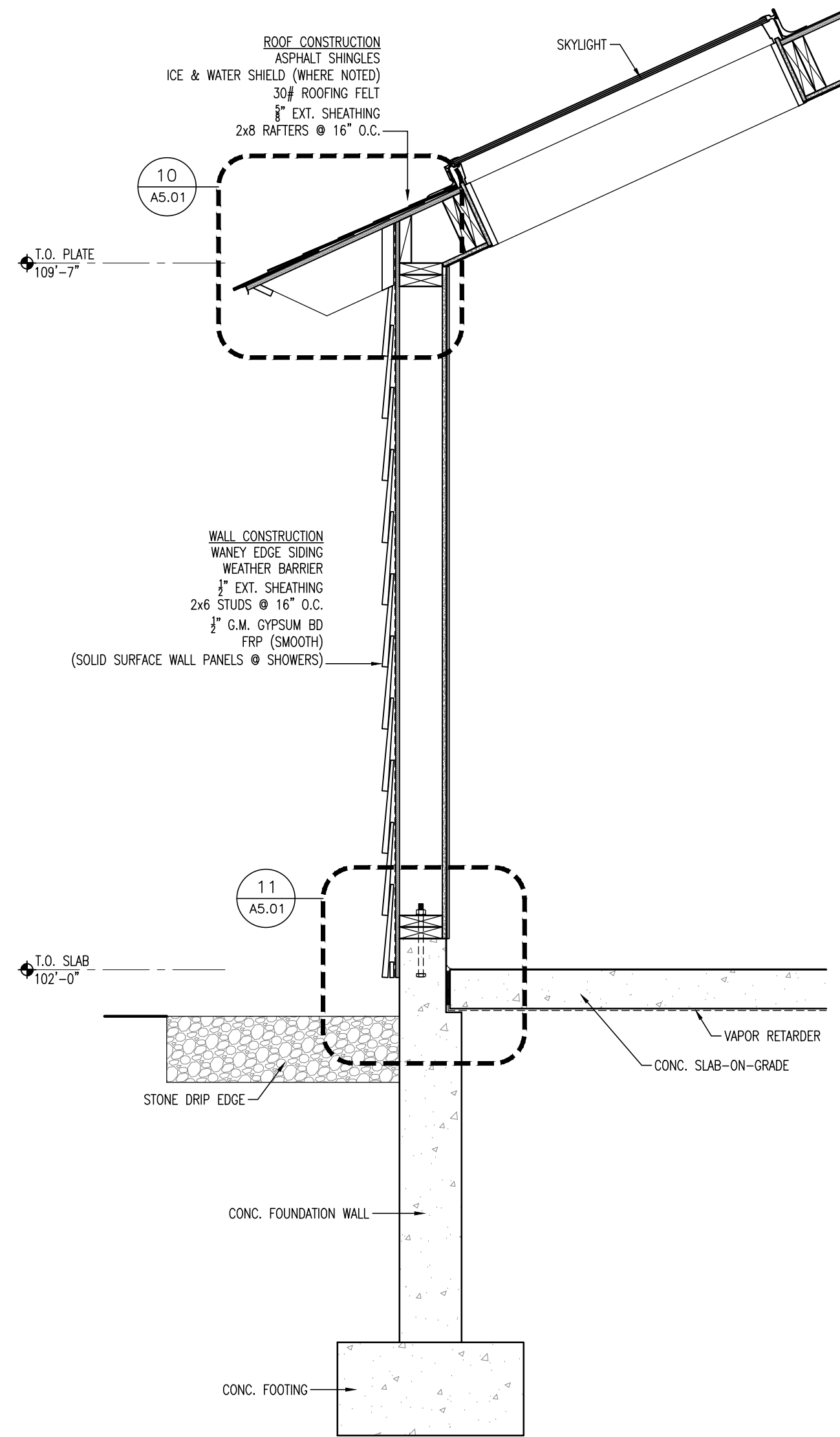
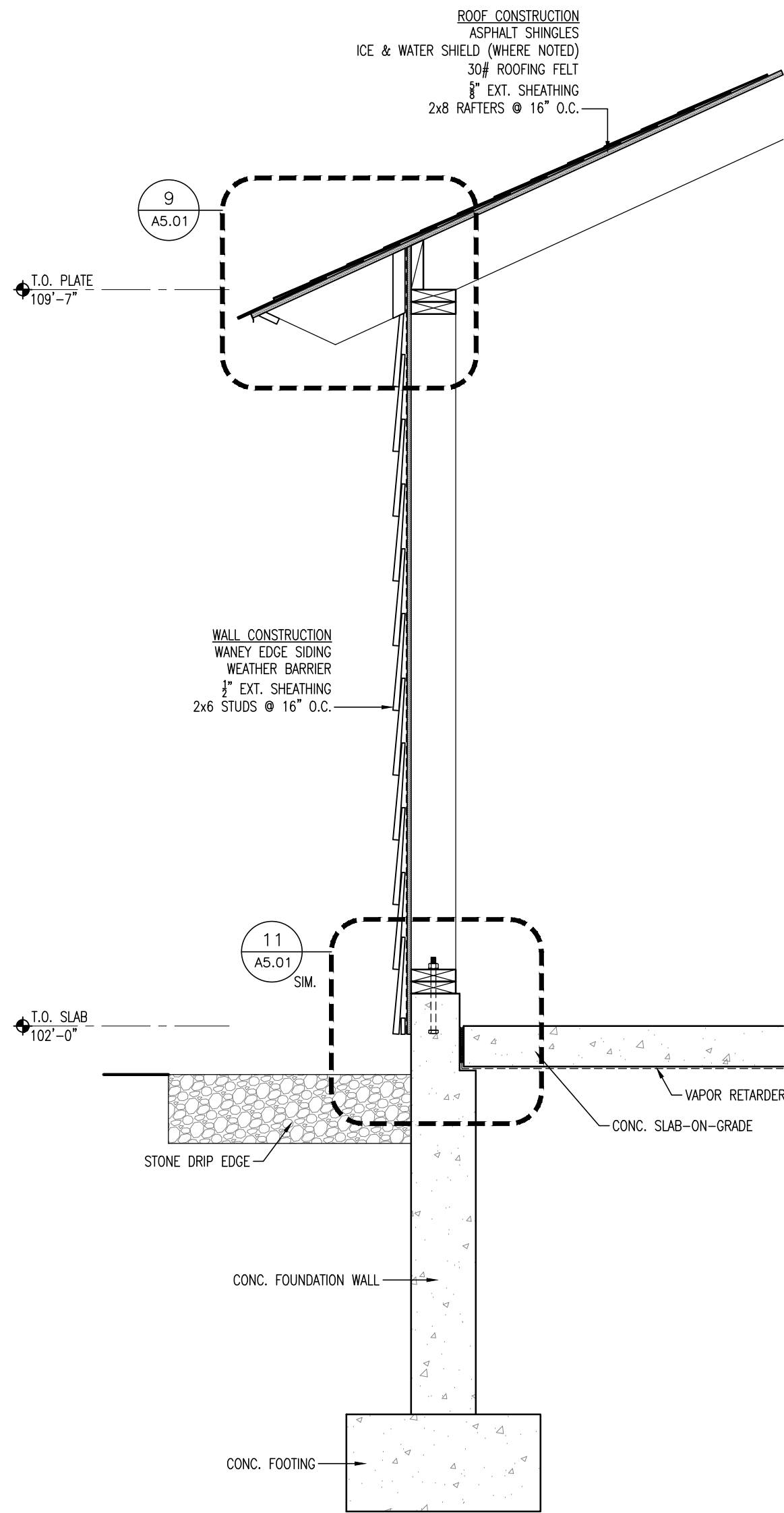
3 REAR ELEVATION



4 RIGHT ELEVATION





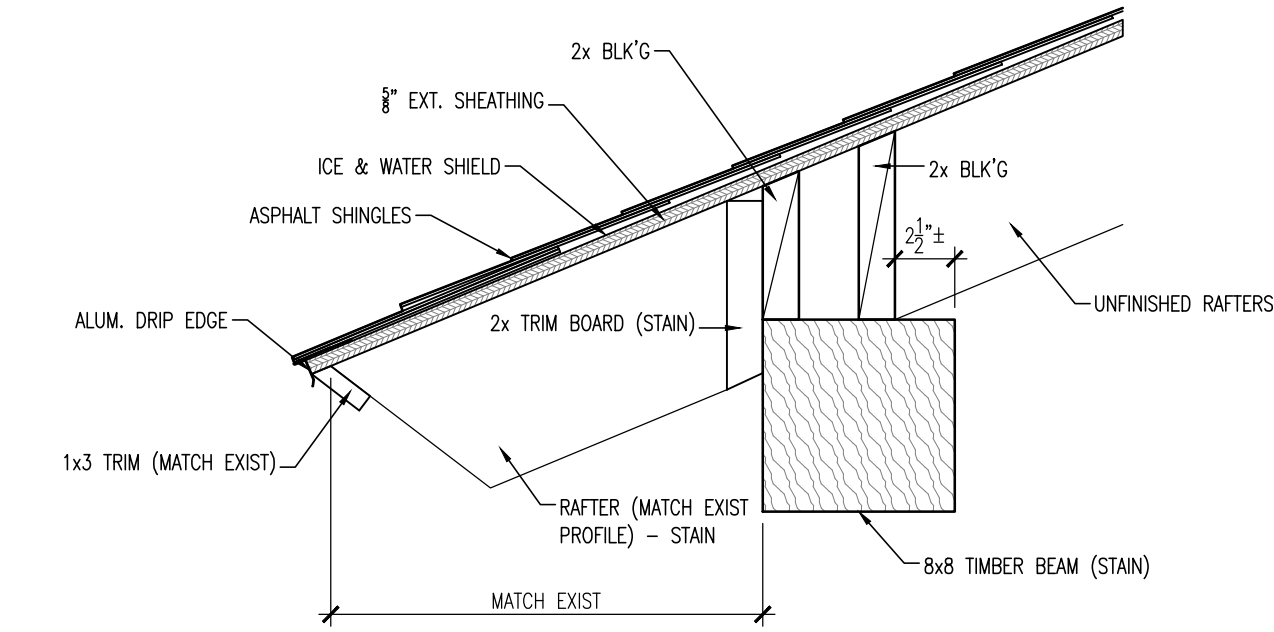


FARMS Data:

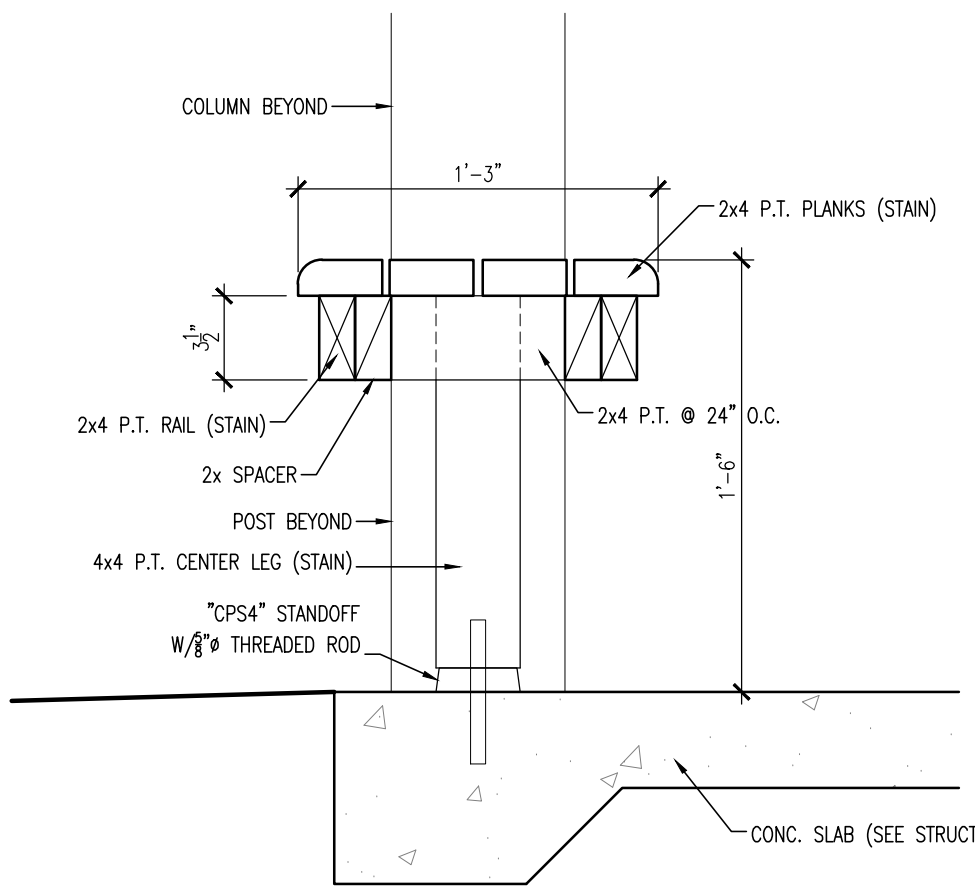
BUILDING #: WH11
BUILDING NAME: Toilet Bldg Area 1-

PROJECT #: CAP 2131
DRAWN BY: SDC
DATE: 6/17/2024
SCALE: 3/4" = 1'-0"
REVISED: -

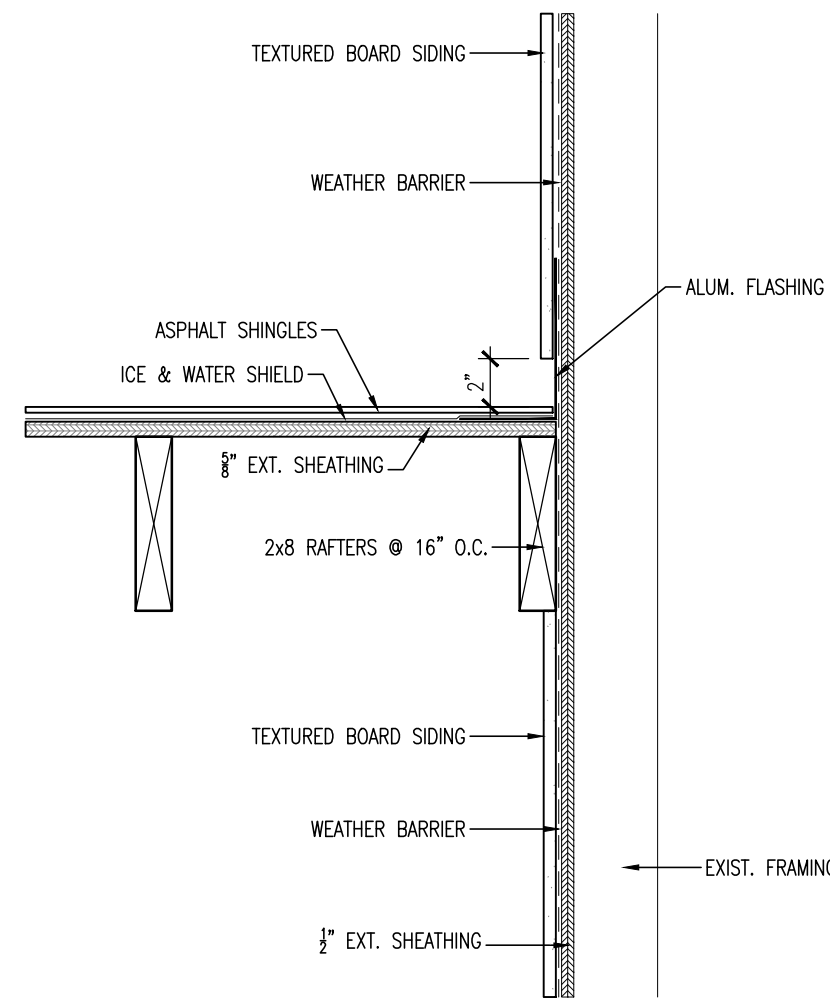
COPYRIGHT © BY STATE OF NEW HAMPSHIRE DEPARTMENT
OF NATURAL & CULTURAL RESOURCES ALL RIGHTS
RESERVED NO REPRODUCTION WITHOUT PERMISSION



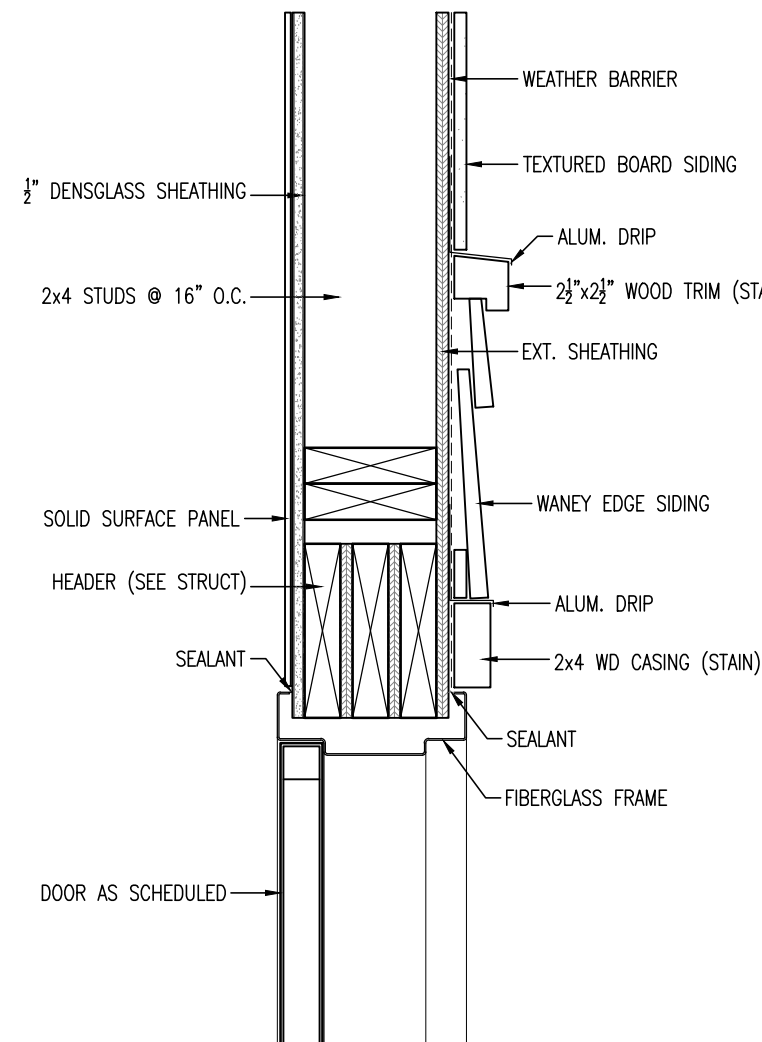
1 ROOF EAVE @ BEAM
1 1/2" = 1'-0"



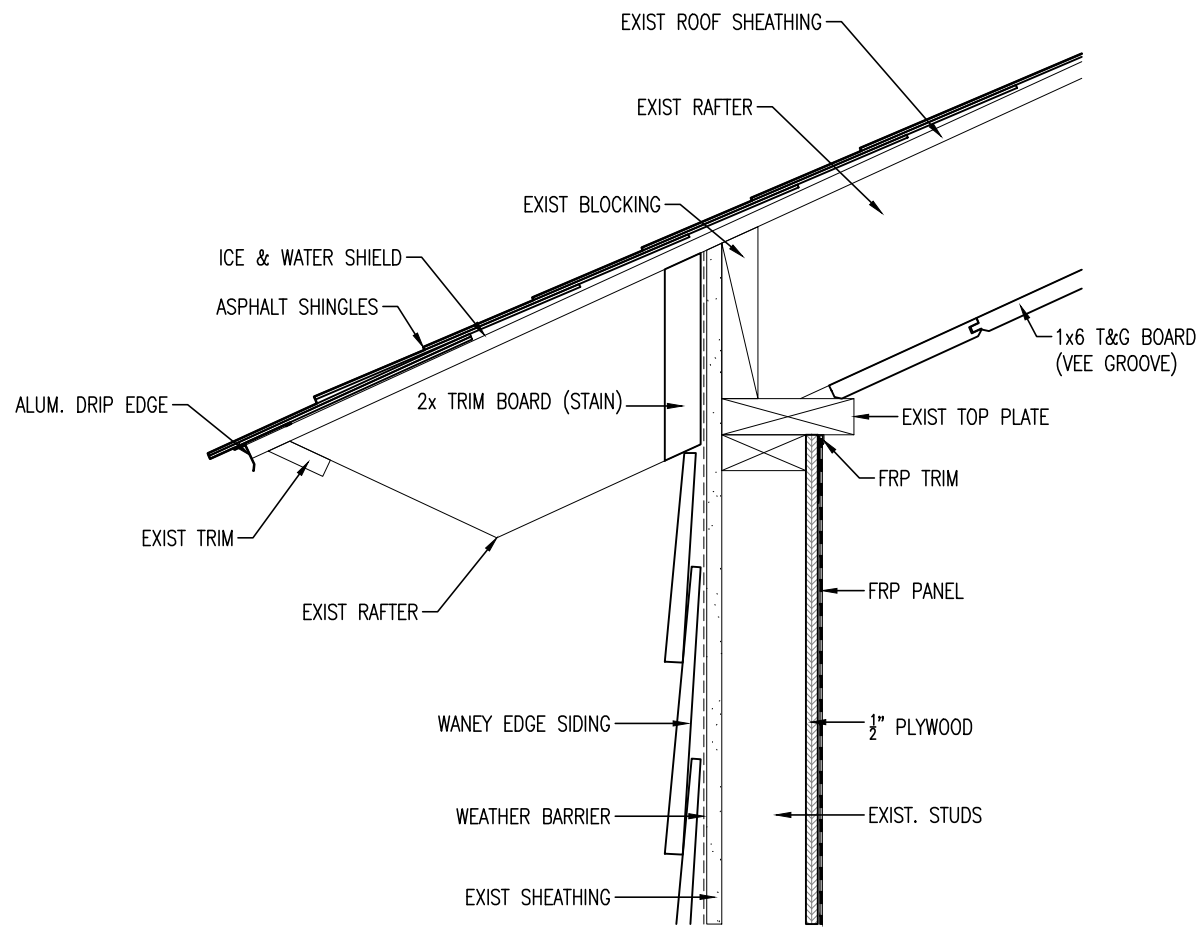
2 BENCH DETAIL
1 1/2" = 1'-0"



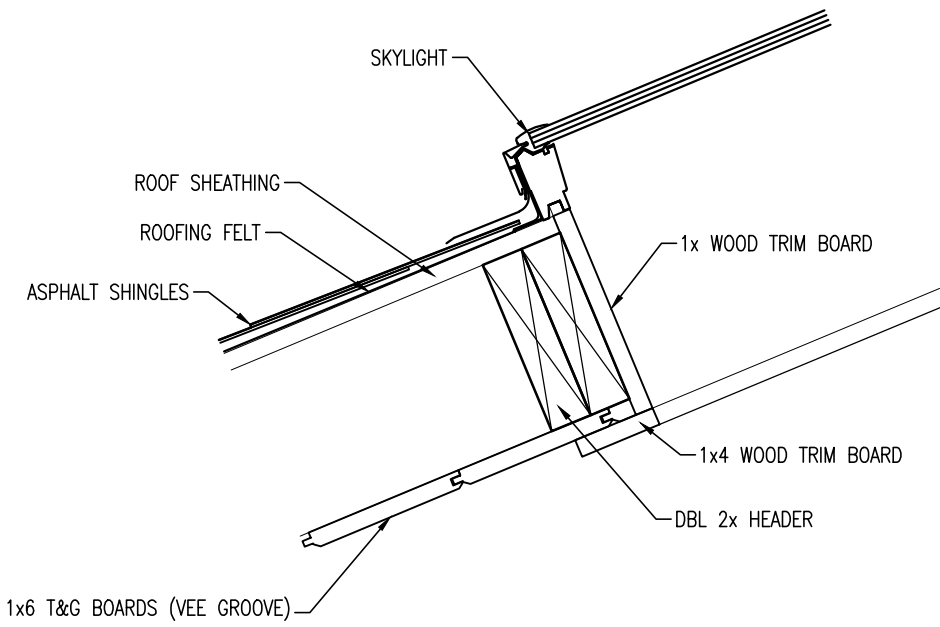
3 LOW ROOF TO WALL DETAIL
1 1/2" = 1'-0"



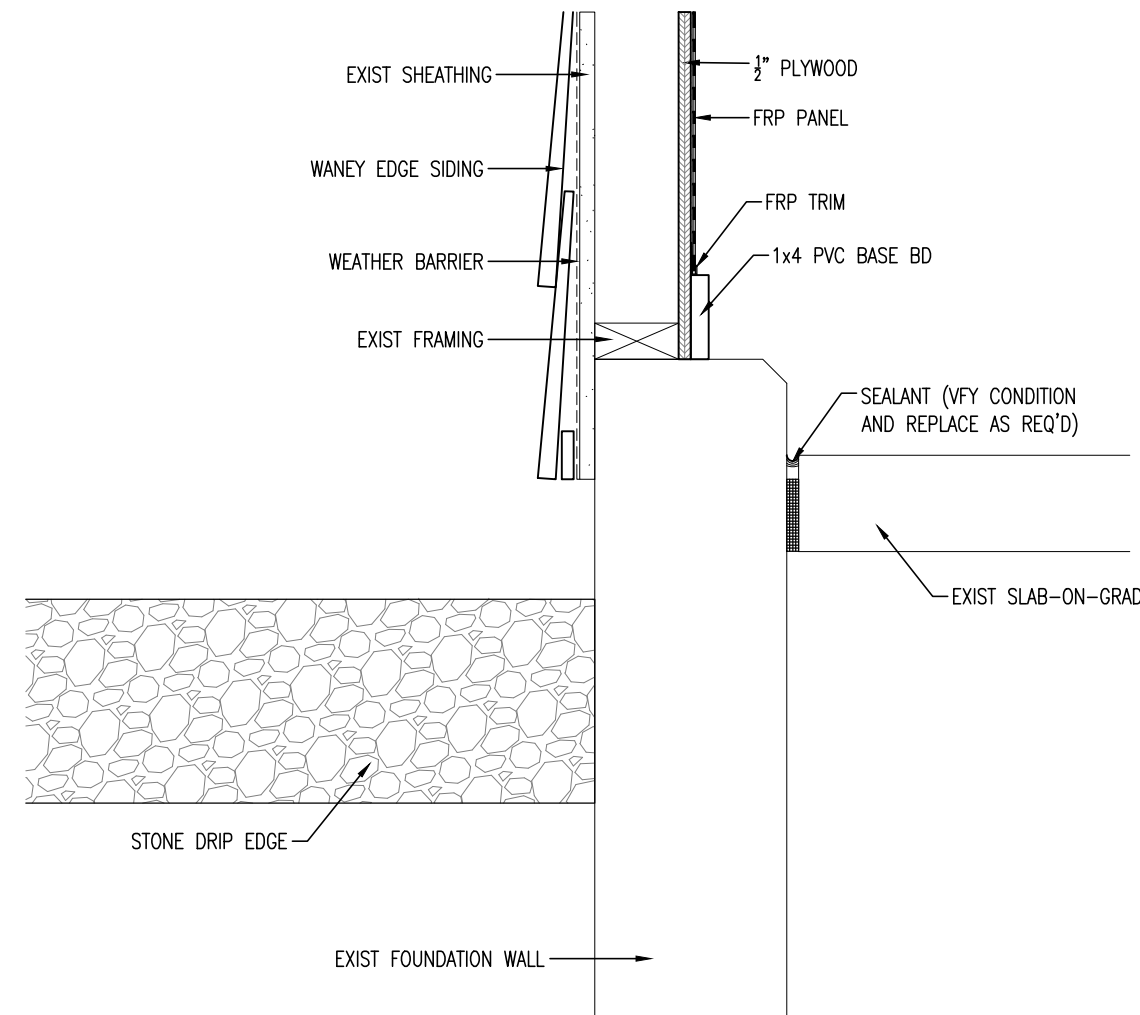
4 TYP. FIBERGLASS HEAD
1 1/2" = 1'-0"



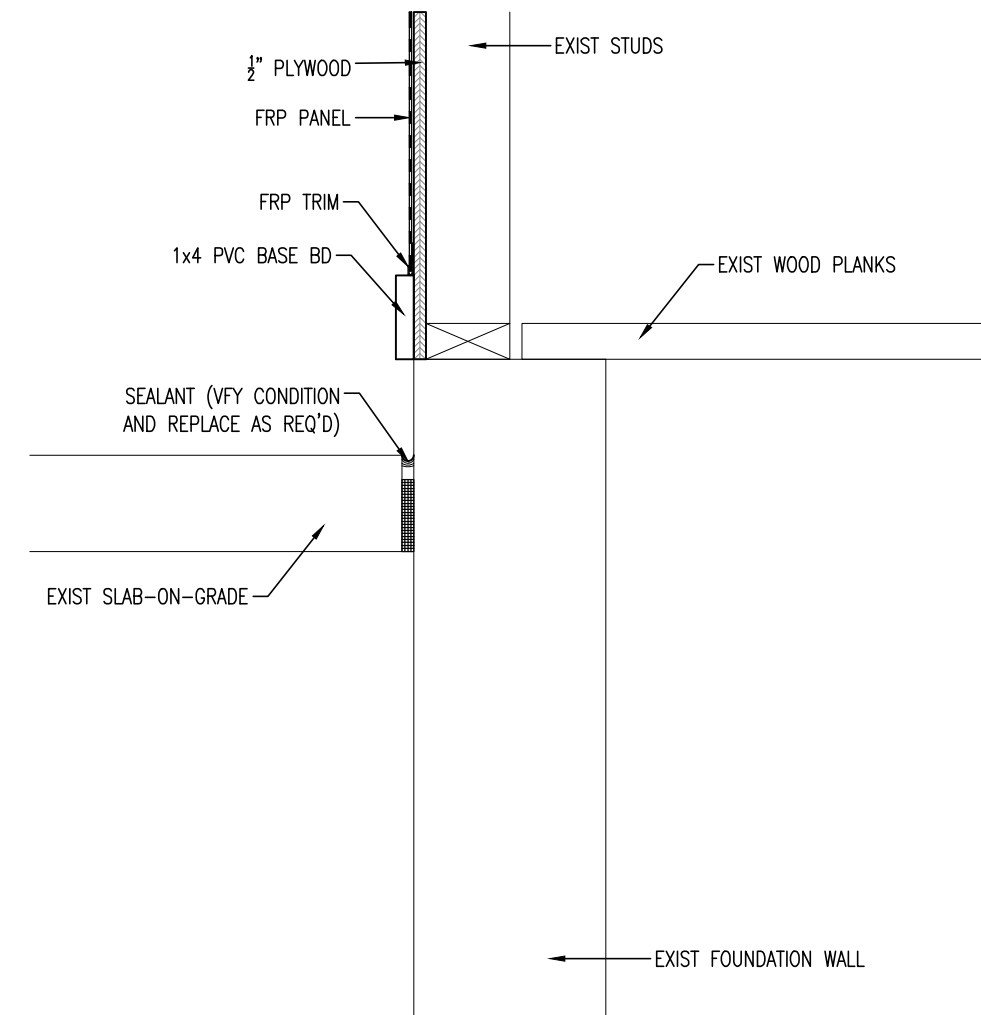
5 TYP. EAVE @ EXISTING BUILDING
1 1/2" = 1'-0"



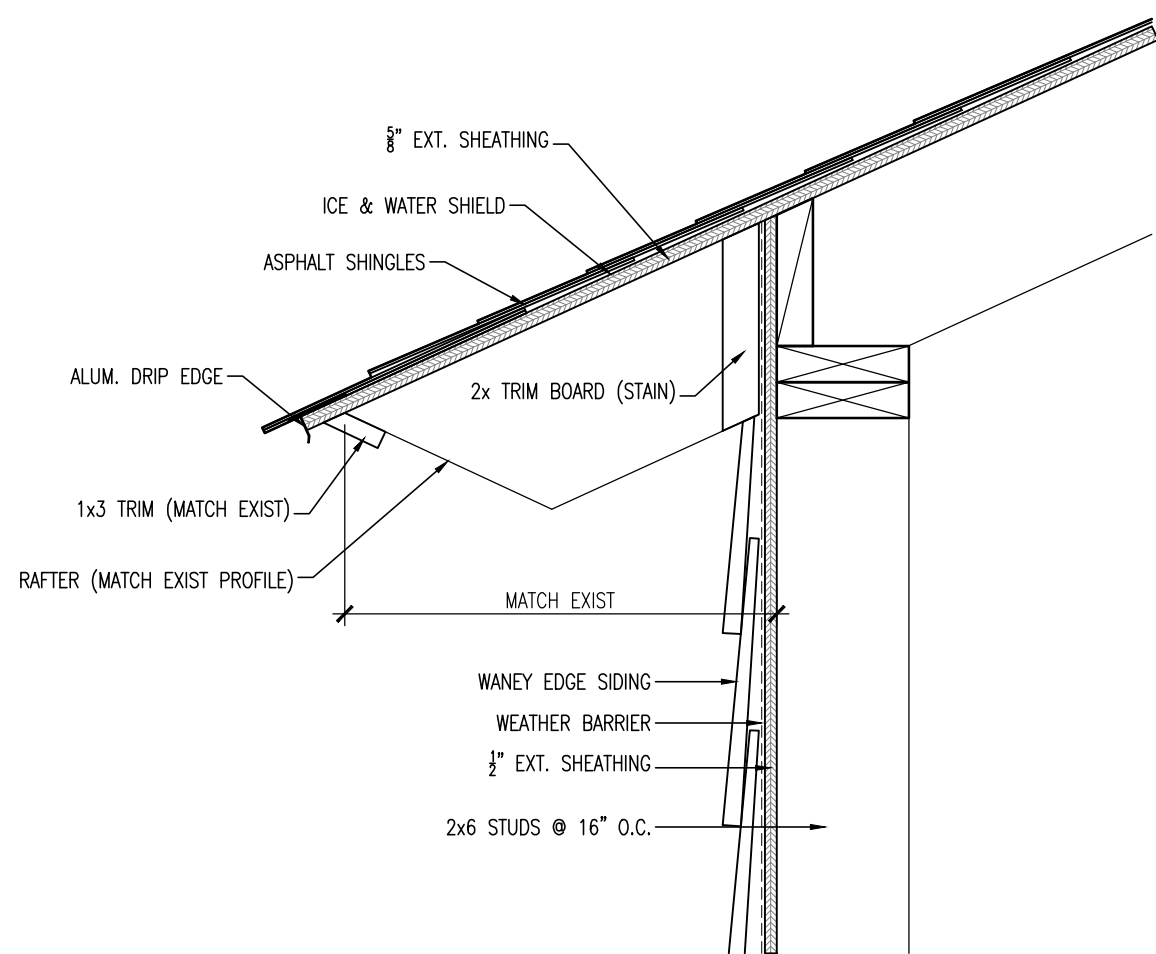
6 TYP. SKYLIGHT TRIM DETAIL @ TOI. ROOMS
1 1/2" = 1'-0"



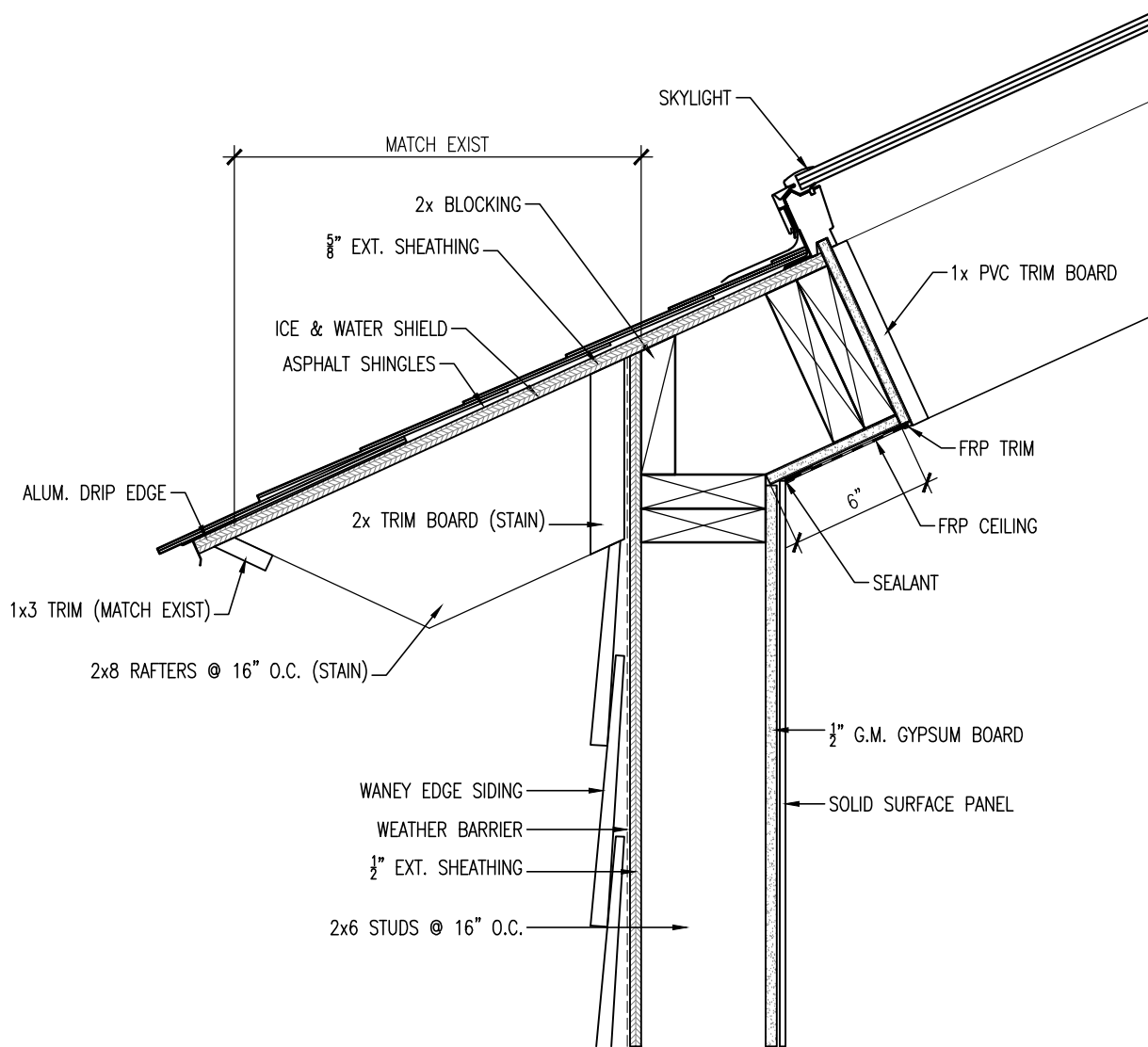
7 TYP. WALL BASE @ EXISTING BUILDING
1 1/2" = 1'-0"



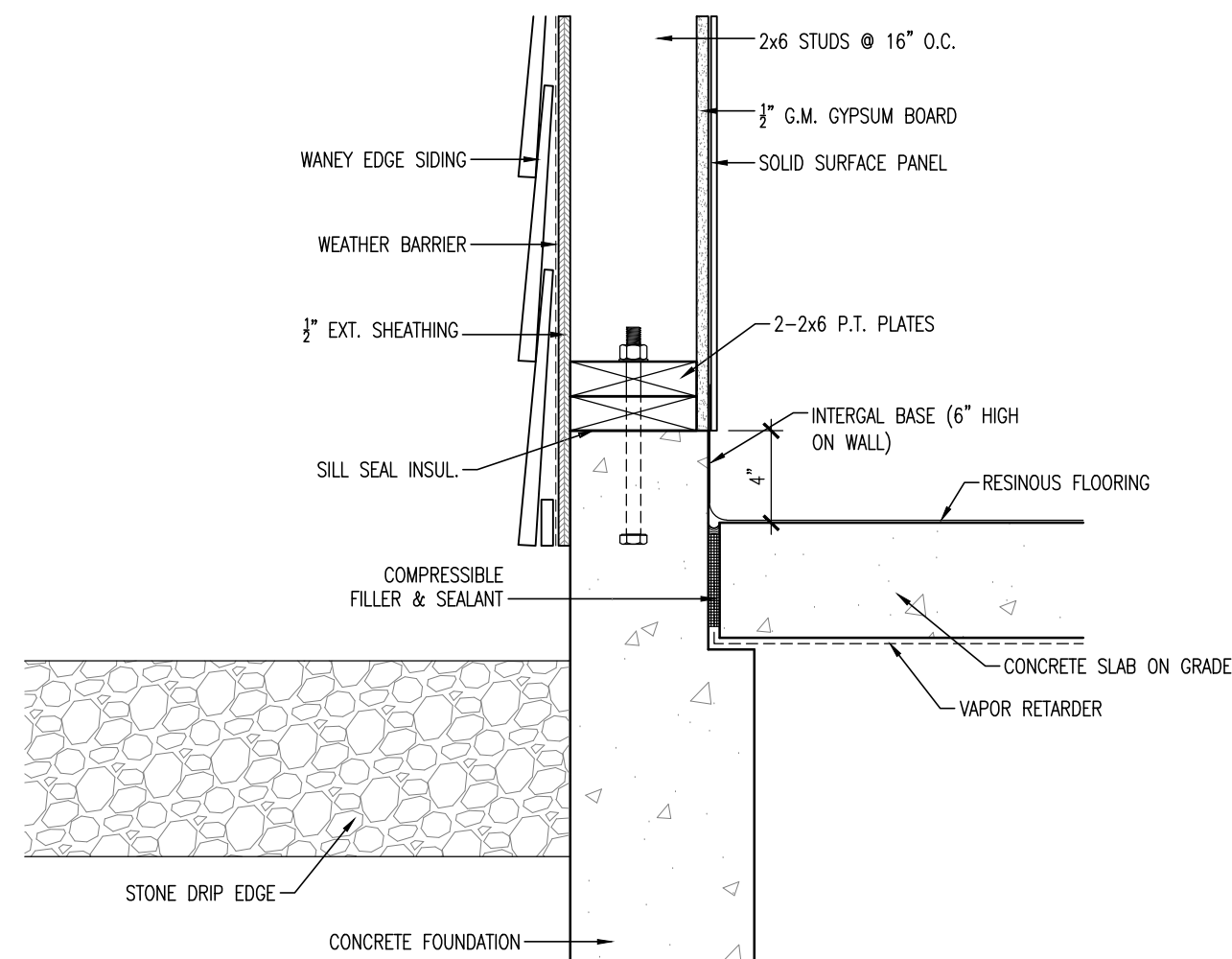
8 TYP. INT. WALL BASE @ EXISTING BUILDING
1 1/2" = 1'-0"



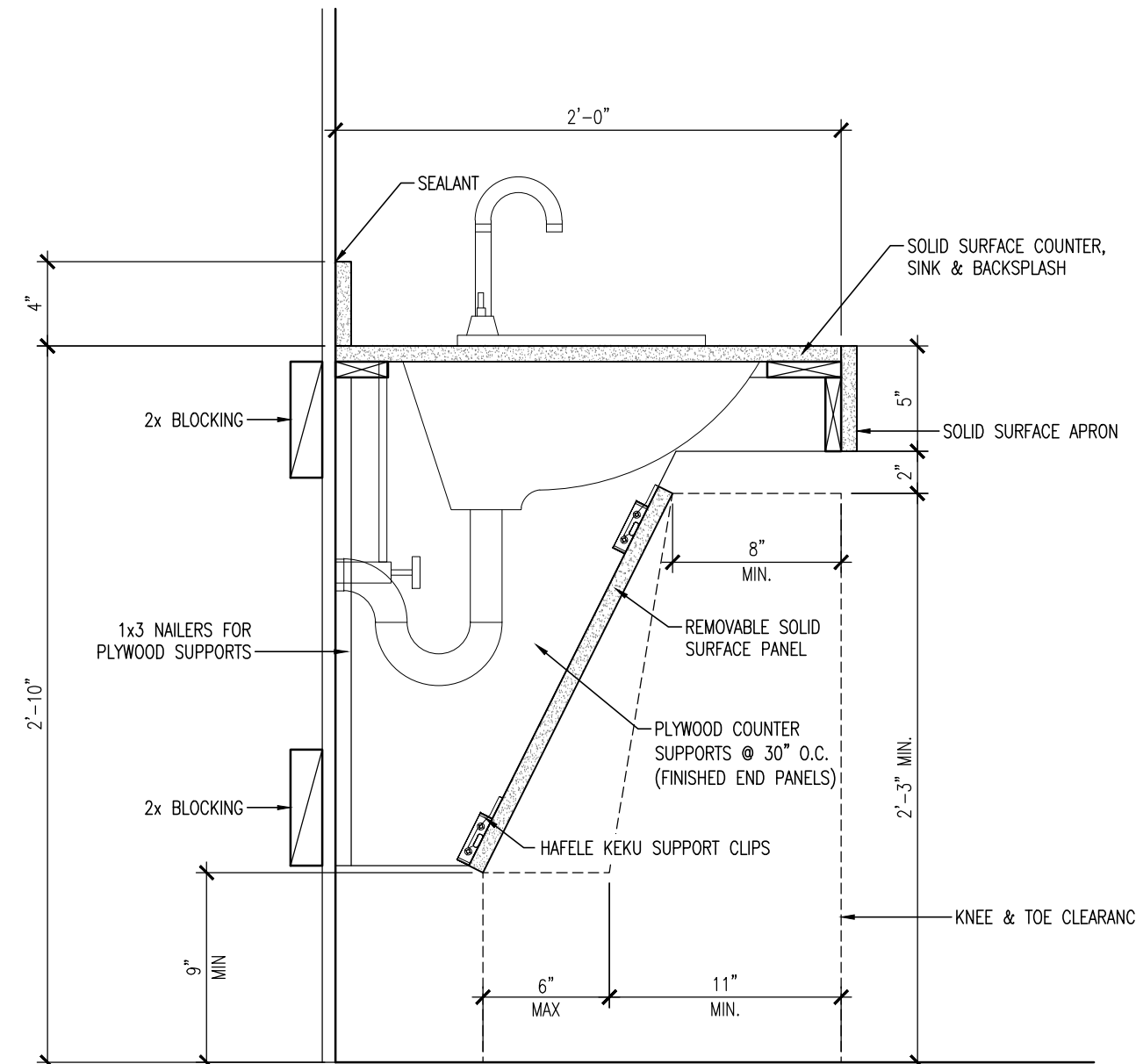
9 TYP. EAVE @ OVERFRAMING
1 1/2" = 1'-0"



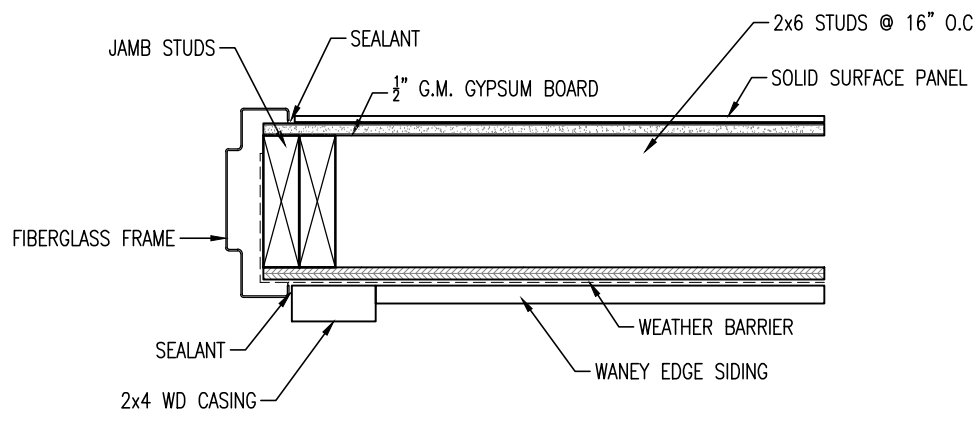
10 TYP. EAVE @ ADDITION
1 1/2" = 1'-0"



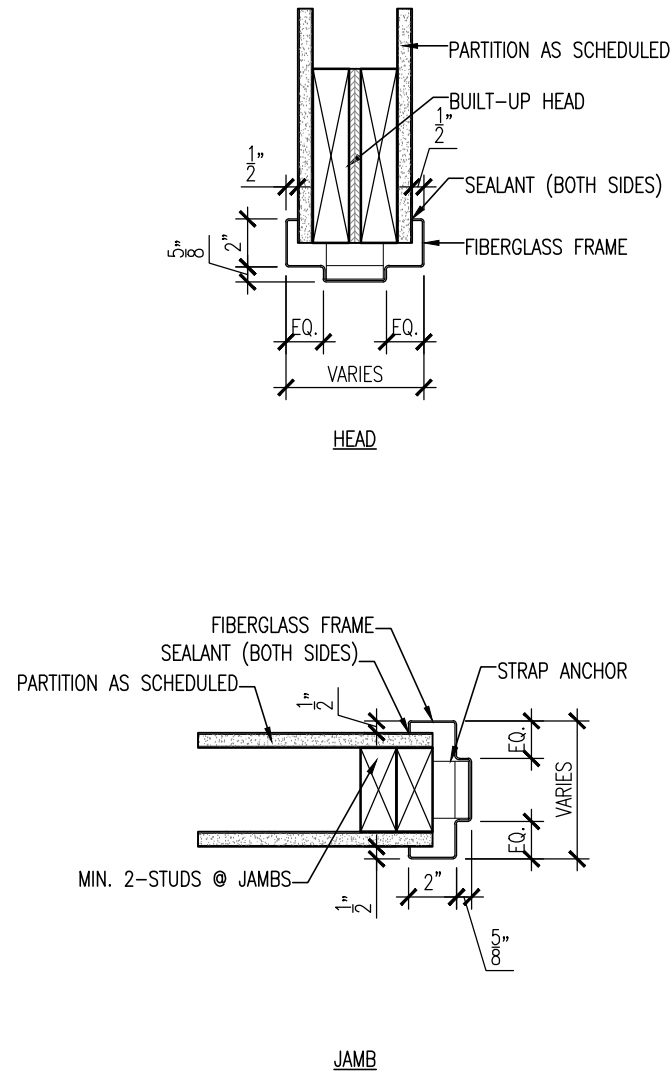
11 TYP. WALL BASE @ ADDITION
1 1/2" = 1'-0"



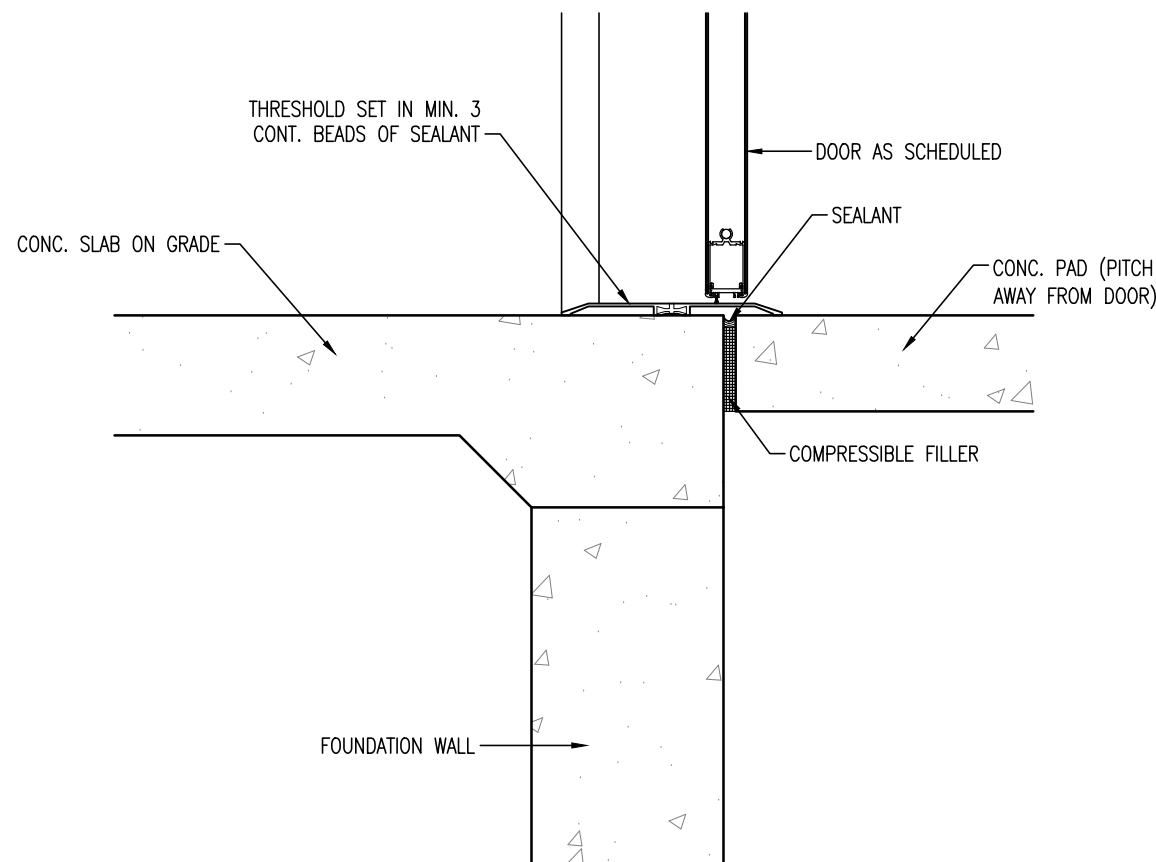
12 TYP. SINK COUNTER
1 1/2" = 1'-0"



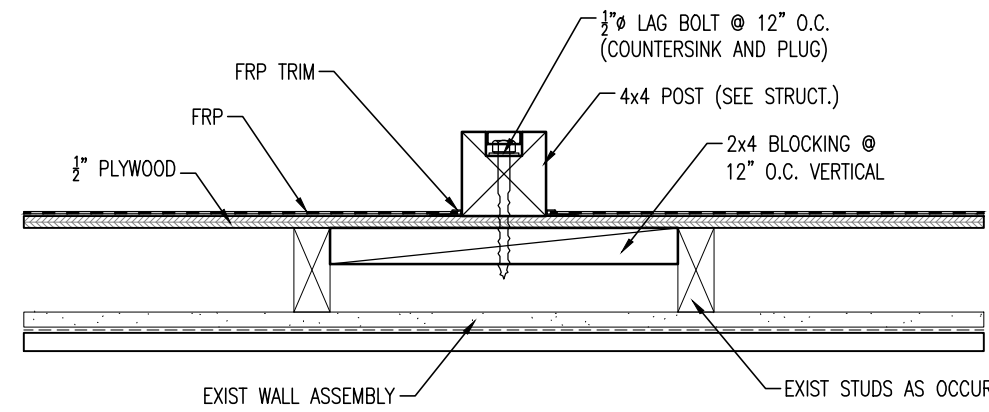
1 TYP. FIBERGLASS JAMB @ SIDING
1 1/2" = 1'-0"



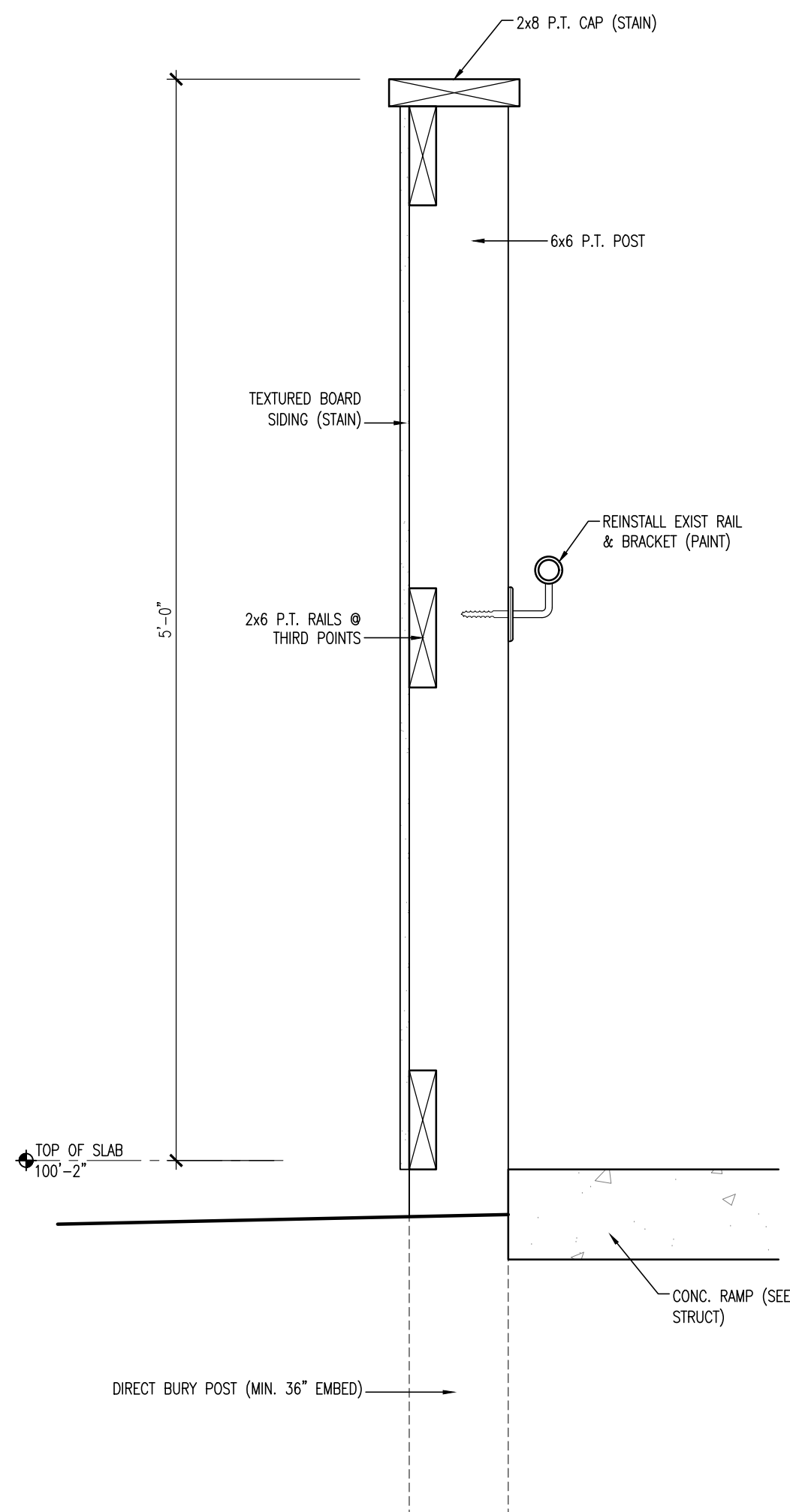
2 TYP. FIBERGLASS HEAD & JAMB
1 1/2" = 1'-0"



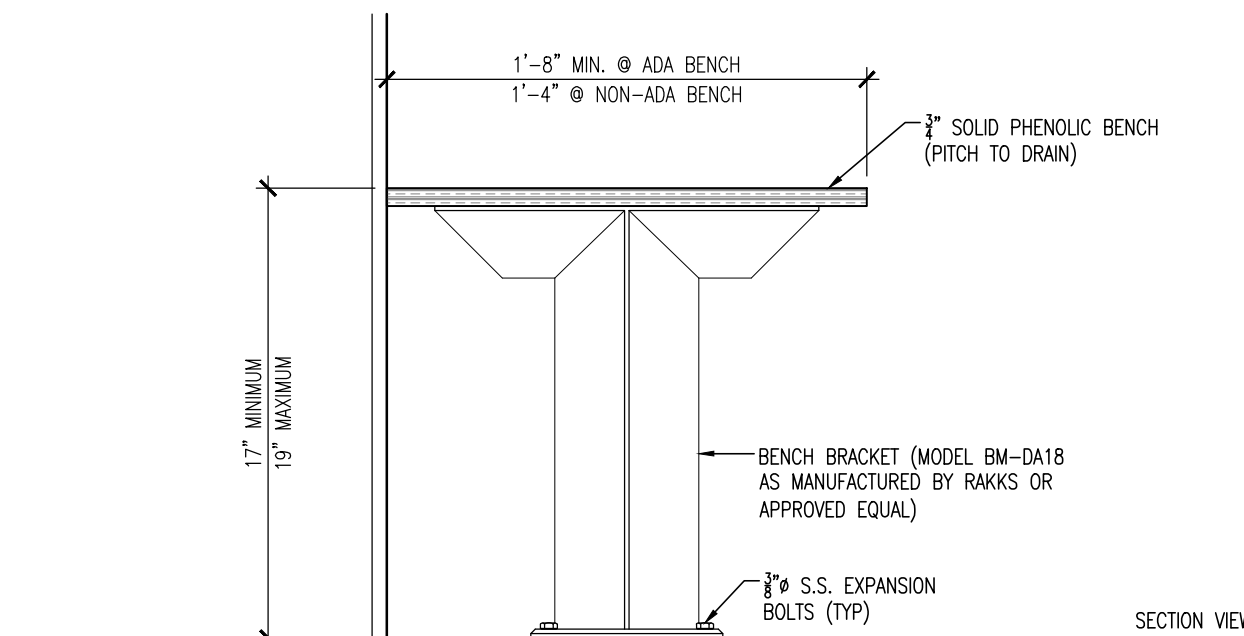
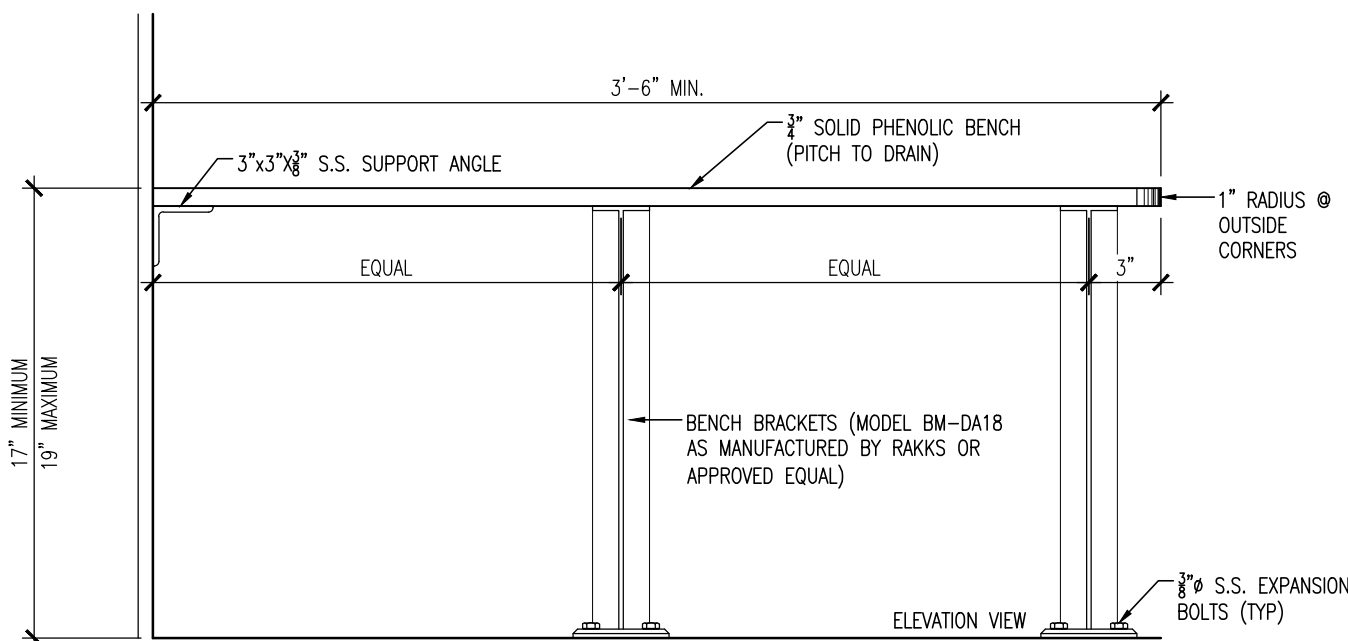
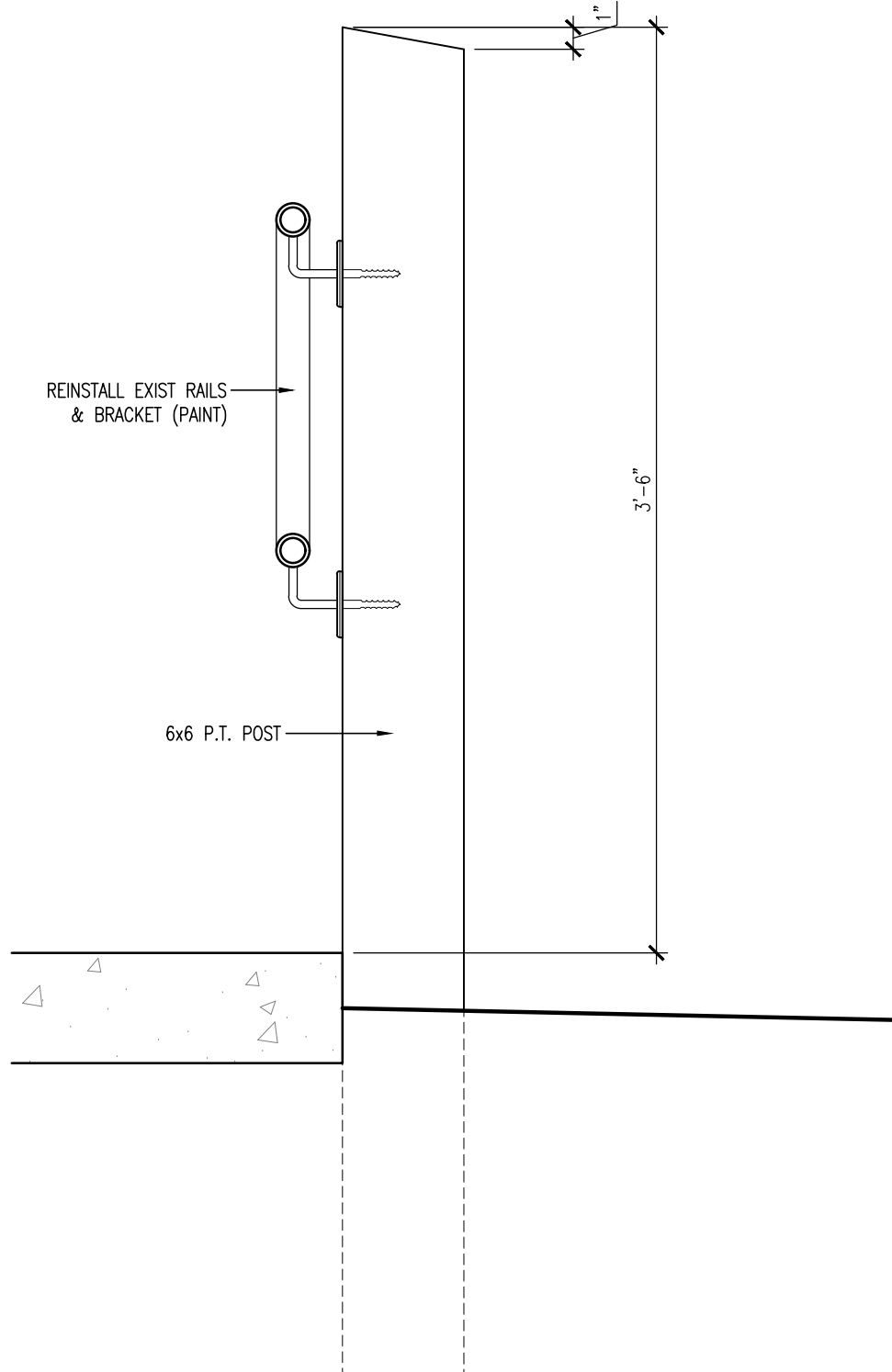
3 TYP. DOOR SILL @ SLAB ON GRADE
1 1/2" = 1'-0"



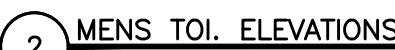
4 TYP. TOI. PARTITION BEAM SUPPORT COLUMN
1 1/2" = 1'-0"

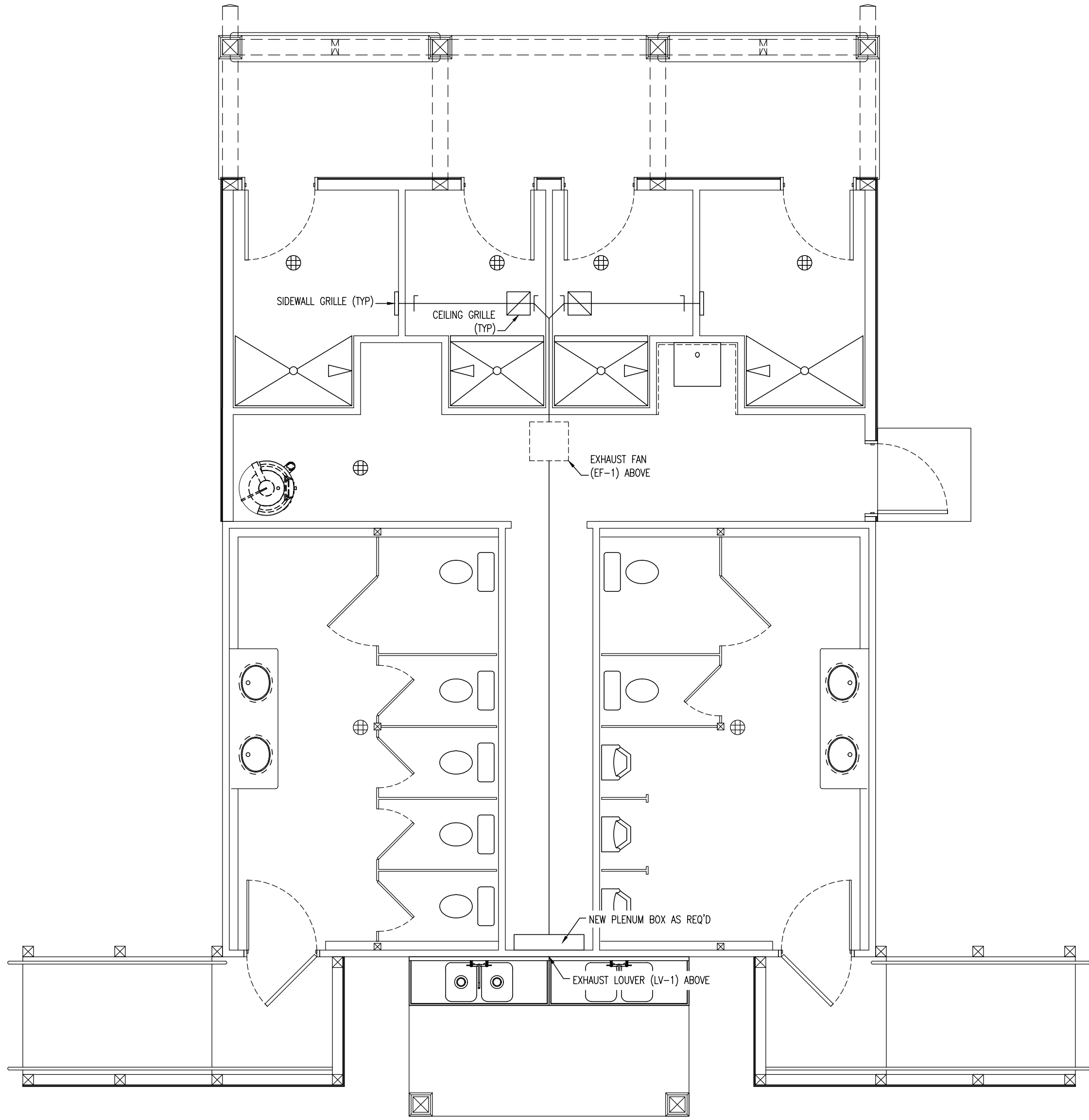


5 TYP. WALL SCREEN SECTION
1 1/2" = 1'-0"



8 TYP. SHOWER BENCH DETAIL
1 1/2" = 1'-0"



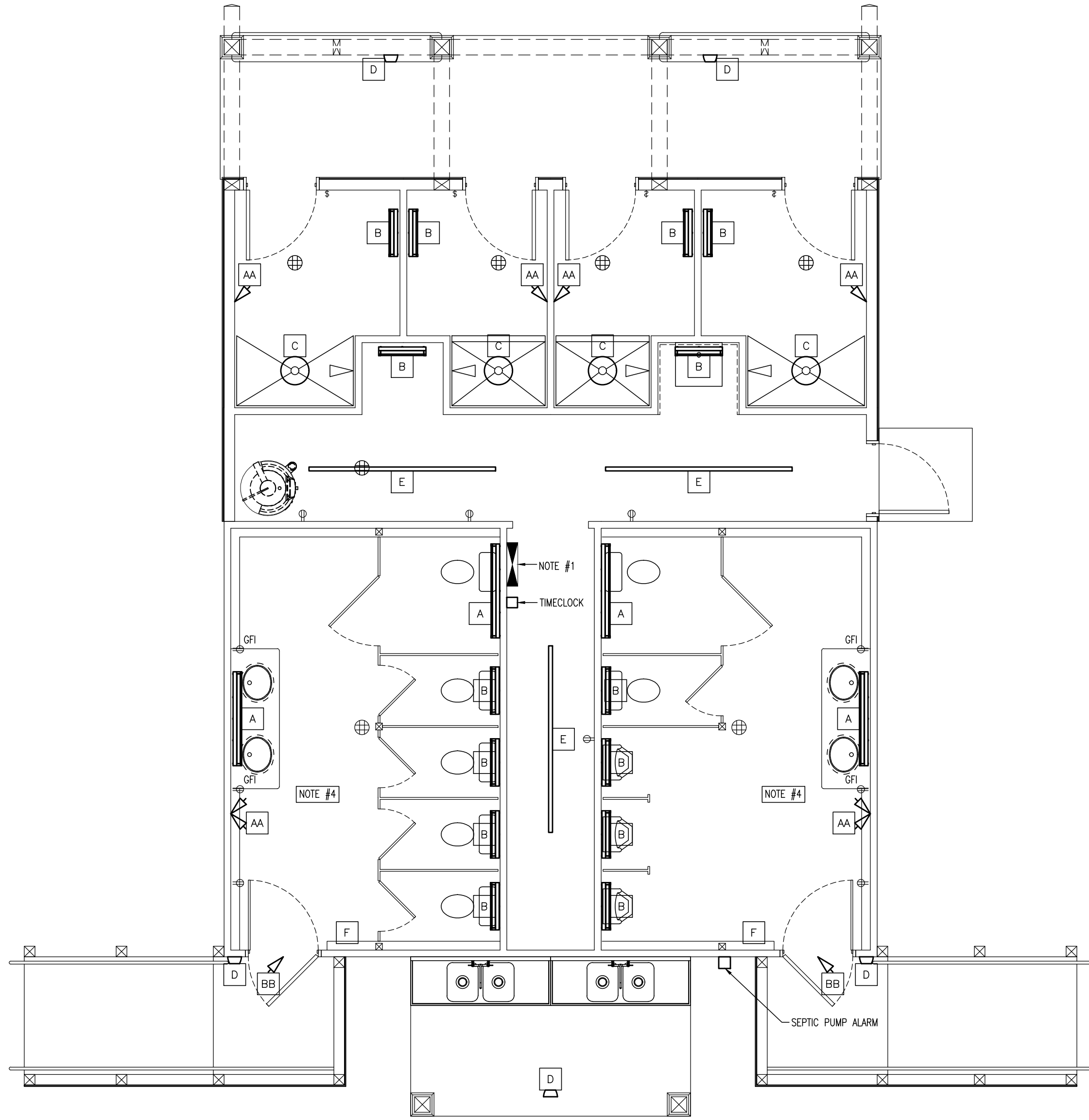


1 MECHANICAL VENTILATION PLAN

MECHANICAL NOTES

1. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH ALL CURRENT MECHANICAL CODES.
2. DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "SMACNA" APPLICABLE MANUALS. ALL DUCTWORK SHALL BE THE LOW VELOCITY TYPE, UNLESS OTHERWISE NOTED.
3. ALL BRANCH DUCTS TO HAVE VOLUME DAMPERS.
4. ALL DUCT JOINTS TO BE SEALED IN ACCORDANCE WITH "SMACNA" STANDARDS AND ACCEPTED GOOD PRACTICE.
5. THE MECHANICAL PLANS ARE INTENDED TO BE DIAGRAMMATIC AND ARE BASED ON ONE MANUFACTURER'S EQUIPMENT. THEY ARE NOT INTENDED TO SHOW EVERY ITEM IN ITS EXACT LOCATION, THE EXACT DIMENSIONS, OR ALL THE DETAILS OF THE EQUIPMENT. THE CONTRACTOR SHALL VERIFY THE ACTUAL DIMENSIONS OF THE EQUIPMENT PROPOSED TO ENSURE THAT THE EQUIPMENT WILL FIT IN THE AVAILABLE SPACE.

FAN SCHEDULE								
MARK	SERVICE	LOCATION	CFM	STATIC PRESS. (IN. W.G.)	MOTOR			MANUFACTURE & MODEL
					HP	RPM	VOLT-PHASE	
EF-1	SHOWERS	CHASE	200	0.625	1/6	1800	115-1	GREENHECK SQ-80-VG



2 ELECTRICAL PLAN

ELECTRICAL NOTES

1. EXISTING ELECTRICAL PANEL. PROVIDE NEW LIGHTING, POWER AND CONTROL CIRCUITING AND BREAKERS AS REQUIRED.
2. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH ALL CURRENT ELECTRICAL CODES.
3. EXTERIOR LIGHTING TO BE CONTROLLED BY TIMECLOCK. INTERMATIC MODEL T101 OR APPROVED EQUAL.
4. PROVIDE LOW VOLTAGE CEILING MOUNTED ULTRASONIC MOTION DETECTOR. GREENGATE MODEL OAC-U-1000-R4SP20-MV OR APPROVED EQUAL.

LIGHTING FIXTURE SCHEDULE				
MARK	MANUFACTURER	FIXTURE MAKE/MODEL	LAMPING	NOTES
A	FAIL-SAFE	BAA-FVS4W-P-4-LD4-1-HI-30-UNV-OPL-EDD1-WL	44.5W LED	WALL MOUNTED @ 6'-0" AFF
B	FAIL-SAFE	BAA-FVS4W-P-2-LD4-1-HI-30-UNV-OPL-EDD1-WL	22.2W LED	WALL MOUNTED @ 6'-0" AFF
C	LUMINAIRE	VRDL6-CB-MIN1-ZT-100LM-ND-30K-80CRI-120-CPL-AMF	11.4W LED	CEILING MOUNTED
D	LUMARK	BAA-XTOR18-BZ-PC1	12W LED	PER ELEVATIONS
E	METALUX	BAA-BLBLEDD-LD4-9-SYMW-UNV-L835-CD1-U	62W LED	CEILING MOUNTED
F	HUBBELL	DD100NL	1W LED	MOUNT 24" AFF
AA	LITHONIA	ELMZL-UVOLT-LTP-SDRT-BAA (WPVS @ WET LOCATIONS)	2-1.2W LED	COLOR AS SELECTED BY ARCHITECT
BB	LITHONIA	ELMRE-LP220L-SGL-BAA (WPVS @ WET LOCATIONS)	1-4.8W LED	COLOR AS SELECTED BY ARCHITECT

WHITE LAKE STATE PARK

AREA 1 TOILET BUILDING RENOVATIONS

MECHANICAL AND ELECTRICAL PLANS

FARMS Data:

BUILDING #: WH111
BUILDING NAME: Toilet Bldg Area 1

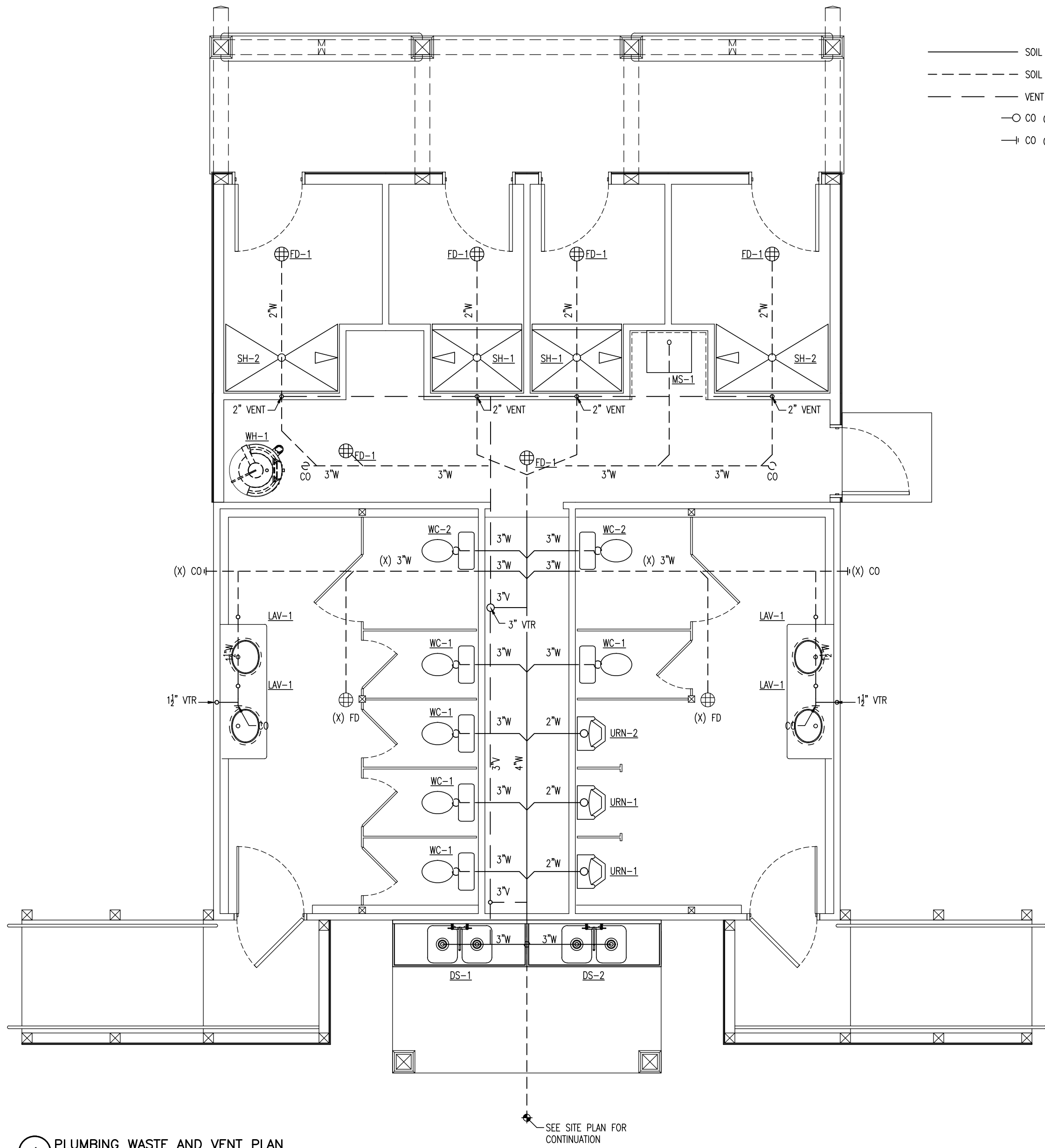
PROJECT #: CAP 2131
DRAWN BY: SDC
DATE: 6/17/2024
SCALE: 1/4" = 1'-0"
REVISED: -

COPYRIGHT © BY STATE OF NEW HAMPSHIRE DEPARTMENT OF RESOURCES & ECONOMIC DEVELOPMENT ALL RIGHTS RESERVED NO REPRODUCTION WITHOUT PERMISSION

State of New Hampshire
Department of Resources and Economic Development

172 Pembroke Road · Concord, NH · 03301
Phone: 603.271.3556
www.nhstateparks.org

M1.01



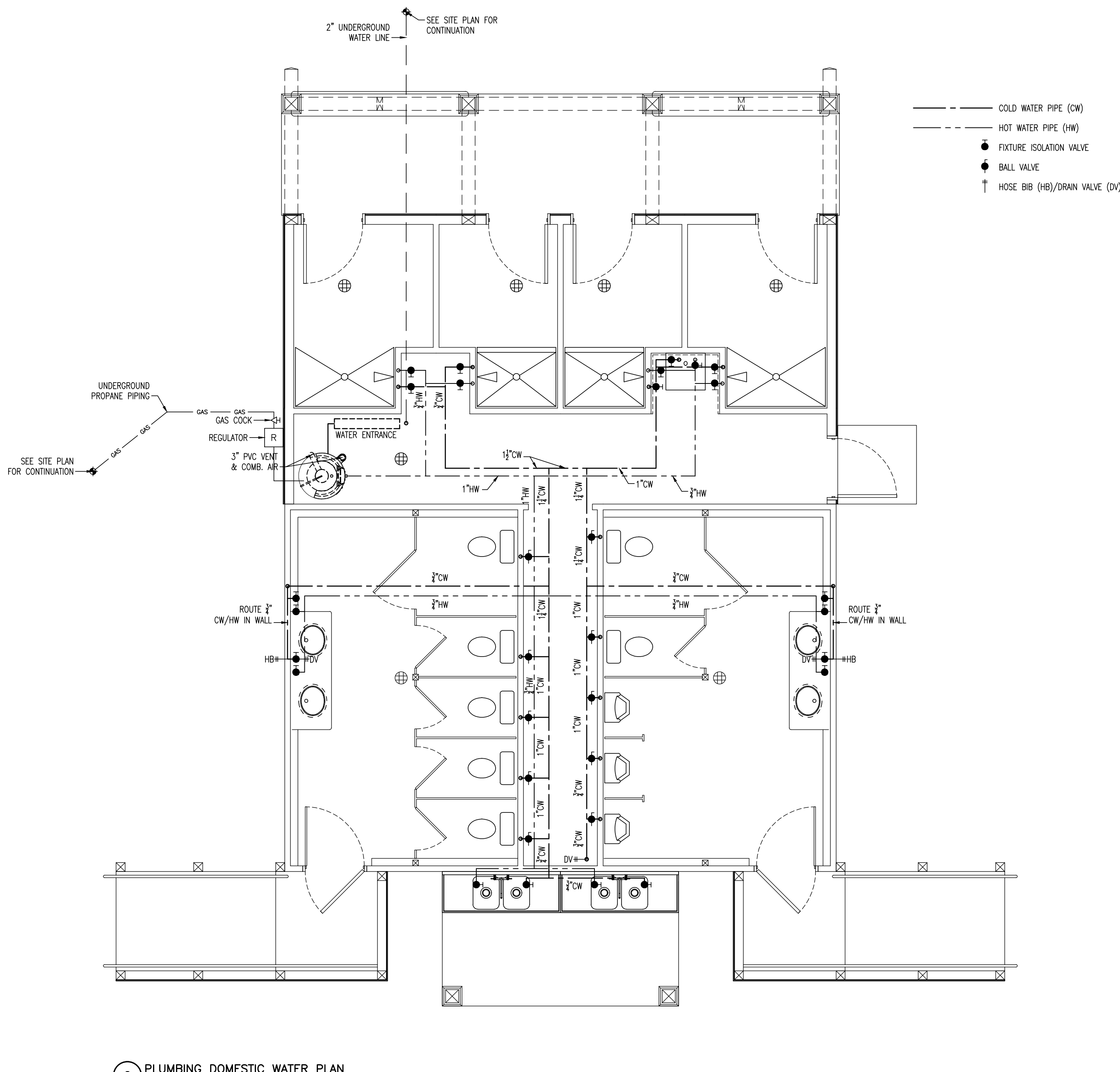
1 PLUMBING WASTE AND VENT PLAN

PLUMBING SCHEDULE				
MARK	DESCRIPTION	MANUFACTURER - MODEL #	ACCESSORIES & NOTES	COLOR & FINISH
WC-1	TOILET	SLOAN MODEL #WETS-8029.R013-BAA	TOILET SEAT: BEWIS MODEL #1955CT	WHITE
WC-2	ACCESSIBLE TOILET	SLOAN MODEL #WETS-8029.R013-BAA	TOILET SEAT: BEWIS MODEL #1955CT	WHITE
URN-1	URINAL	SLOAN MODEL #SU-1009-STG	FLUSH VALVE: SLOAN ROYAL FLUSHOMETER 186-0.125, CARRIER: WATTS MODEL CA-321 STANDARD MOUNTING HEIGHT	WHITE
URN-2	ACCESSIBLE URINAL	SLOAN MODEL #SU-1009-STG	FLUSH VALVE: SLOAN ROYAL FLUSHOMETER 186-0.125, CARRIER: WATTS MODEL CA-321 ACCESSIBLE MOUNTING HEIGHT	WHITE
LAV-1	COUNTER SINK	CORIAN: ADA-COMPLIANT MODEL #B10	FAUCET: SYMMONS SYMMETRIX S-20-2-0.5, TRAP: CHROME PLATED	AS SELECTED BY ARCHITECT
MS-1	MOP BASIN	E.L. MUSTEE & SONS: MODEL #63M	FAUCET: E.L. MUSTEE 63.600A WITH 65.700 HOSE AND HOSE HOLDER	WHITE
SH-1	SHOWER	CUSTOM	DRAIN: WATTS FD-100-A-2-NH-AS-7, HEAD: SYMMONS SAFETYMIX 4-151, CONTROLS: SYMMONS SAFETYMIX 4-500-BX-VP.	AS SELECTED BY ARCHITECT
SH-2	ACCESSIBLE SHOWER	CUSTOM	DRAIN: WATTS FD-100-A-2-NH-AS-7, HEAD: SYMMONS SAFETYMIX 4-151 (2 HEADS @ ADA), CONTROLS: SYMMONS SAFETYMIX 4-500-BX-VP, DIVERTER VALVE: SYMMONS MODEL 20V.	AS SELECTED BY ARCHITECT
FD-1	FLOOR DRAIN	WATTS: FD-100-A	TRAP PRIMER: PRECISION PLUMBING PRODUCTS PR-500	-
DS-1	DISH SINK	ADVANCE TABCO: VKCT-246 WITH TA-11A-2 BOWLS AND ADJUSTABLE LEGS MOUNTED AT ACCESSIBLE HEIGHT	FAUCET: ADVANCE TABCO HEAVY DUTY MODEL K-118, 12" SPOUT; STAINLESS STEEL STRAINER AND DRAIN BODY; PROVIDE 1 FAUCET PER BOWL.	STAINLESS STEEL
DS-2	DISH SINK	ADVANCE TABCO: VKCT-246 WITH TA-11B-2 BOWLS AND ADJUSTABLE LEGS MOUNTED AT ACCESSIBLE HEIGHT	FAUCET: ADVANCE TABCO HEAVY DUTY MODEL K-118, 12" SPOUT; STAINLESS STEEL STRAINER AND DRAIN BODY; PROVIDE 1 FAUCET PER BOWL.	STAINLESS STEEL

NOTES:
1 - SCHEDULE INDICATES FIXTURES SELECTED AS THE BASIS OF DESIGN, ALTERNATIVES WILL BE ACCEPTED IF EQUAL OR BETTER QUALITY. ALL PRODUCTS MUST MEET REQUIREMENTS OF THE BUILD AMERICA BUY AMERICA ACT (BABA). IF INDICATED PRODUCTS DO NOT MEET BABA REQUIREMENTS ALTERNATIVES WILL BE ASSESSED COMPARED TO THE BASIS OF DESIGN PRODUCTS.

2 - PROVIDE ALL NECESSARY TRIM AND FITTINGS REQUIRED FOR A COMPLETE INSTALLATION

3 - WATER PIPING SHALL BE INSTALLED TO ALLOW FOR SEASONAL DRAIN DOWN OF THE WATER SYSTEM. PROVIDE DRAIN VALVES AS REQUIRED AT LOW POINTS. DRAIN VALVES SHALL BE LOCATED TO LIMIT PUBLIC ACCESS



2 PLUMBING DOMESTIC WATER PLAN

WATER HEATER SCHEDULE									
MARK	CAPACITY	RECOVERY @ 100 DEG. F. RISE	BTU PER HR.	GAS CONN.	WATER CONN.	ELECTRIC AMPS	VOLT-PHASE	MANUFACTURE & MODEL	REMARKS
WH-1	100 GAL.	235 GAL.	199,000	3/4"	1-1/4"	10.0	120-1	A.O. SMITH MODEL BTH-199	-PROPANE FIRED -POWER VENTED -4" VENT & COMB. AIR PIPES -140 DEG F. DISCHARGE TEMP.

