

CAMP ZARAHEMLA RESTROOM, SHOWER FACILITY

Liberty, Utah



620 24TH STREET
 OGDEN, UT 84401
 BP-ARCHITECTS.NET
 P 801.394.3033
 F 801.394.9064



PROJECT TEAM:

OWNER:

CORPORATION OF THE PRESIDING BISHOP OF
 THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS
 A UTAH CORPORATION SOLE
 50 EAST NORTH TEMPLE STREET
 SALT LAKE CITY, UT 84150

ARCHITECT:

BOTT PANTONE ARCHITECTS
 620 24TH STREET
 OGDEN, UT 84401
 801.394.3033

MECHANICAL:

DAVIS ENGINEERING
 2147 NORTH RULON WHITE BLVD, #207
 OGDEN, UT 84404
 801.782.9642

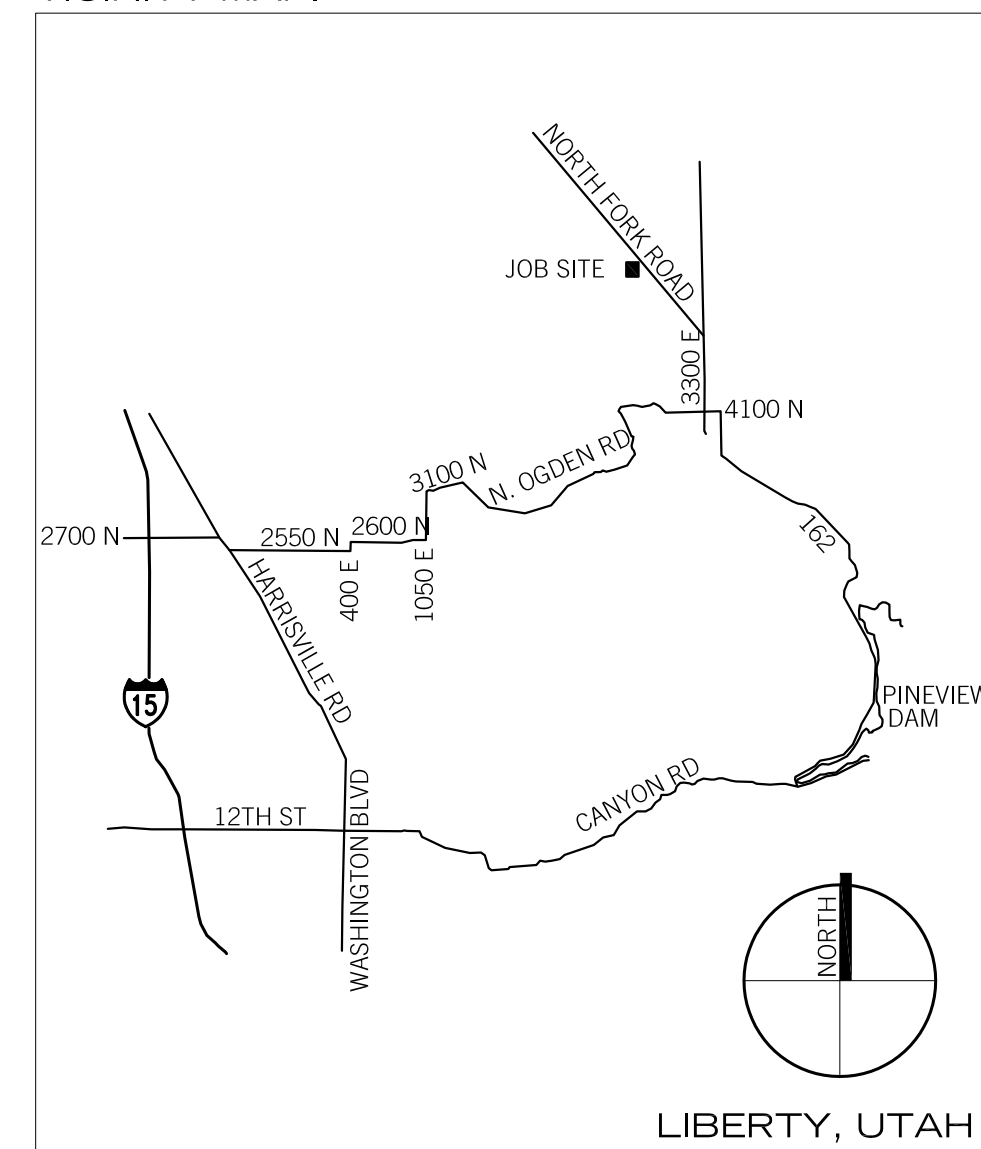
ELECTRICAL:

BEAZER ENGINEERING INC.
 P.O. BOX 652
 MILLVILLE, UT 84326-0652
 435.753.1250

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VICINITY MAP:



STANDARD SYMBOL LEGEND:

Building/Wall Section Reference	
Sheet Reference	
Detail Reference	
Sheet Reference	
Elevation Marker	
Elevation Reference	
Sheet Reference	
Room Number	
Door Designation	
Window Designation	
Reflected Ceiling Elevation	
Room Title	
Room Number	
Partition Type	
Keyed Note	

STANDARD SYMBOL LEGEND:

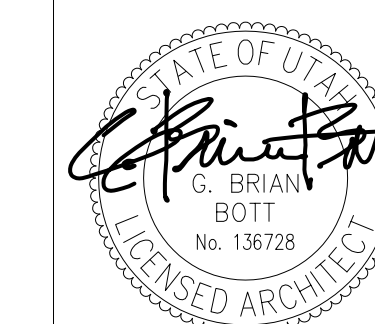
	Asphalt		Glass (in elevation)
	Batt Insulation		Gravel / Rock Fill
	Ceramic Tile (in elevation)		Gypsum Board
	Concrete		Particle Board
	Concrete & Plaster (in elevation)		Sand, Plaster, Stucco & Sand Setting Beds
	Concrete Masonry Units		Plywood
	Brick		Rigid Insulation
	Compacted Backfill		Steel
	Earth		Wood Framing (cont. member)
	Finish Lumber		Wood Framing (interrupted member)
	Glass		Metal Studs

ABBREVIATIONS:

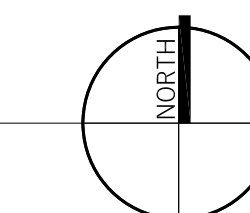
@	At	eb	Expansion Bolt	max	Maximum
Ø	Diameter	elvs	Exterior Insul Fin System	mech	Mechanical
#	Pound or Number	exp jt	Expansion Joint	mtl	Metal
ab	Anchor Bolt	elec	Electrical	mfr	Manufacturer
act	Acoustical Tile	elev	Elevation	min	Minimum
adj	Adjustable	eq	Equal	nic	Not In Contract
aff	Above Finish Floor	equip	Equipment	nts	Not To Scale
alum	Aluminum	ewc	Elec Water Cooler	o.c.	On Center
bd	Board	exist	Existing	pl	Plate
bldg	Building	ext	Exterior	pl	Property Line
bm	Beam	fd	Floor Drain	plas lam	Plastic Laminate
bot	Bottom	fdn	Foundation	plywd	Plywood
brg	Bearing	fecb	Fire Extinguisher Cab	rb	Resilient Base
bur	Built Up Roofing	fin fl	Finish(ed) Floor	ref	Reference
cab	Cabinet	ft	Foot or Feet	reinf	Reinforce(d) (ing)
cjt	Control Joint	ftg	Footing	rfg	Roofing
cl	Center Line	fur	Furring	rm	Room
clg	Ceiling	ga	Gauge	sc	Solid Core
cmu	Concrete Masonry Units	galv	Galvanized	sch	Schedule
col	Column	gc	General Contractor	sec	Section
conc	Concrete	gl	Glass	sim	Similar
const	Construction	gyp bd	Gypsum Board	spec	Specification
const jt	Construction Joint	hc	Hollow Case	sq	Square
cont	Continuous	hdwd	Hardwood	stl	Steel
contr	Contract(or)	hdwr	Hardware	temp gl	Tempered Glass
corr	Corridor	hdrl	Handrail	typ	Typical
ct	Ceramic Tile	hm	Hollow Metal	vct	Vinyl Composition Tile
det	Detail	id	Inside Diameter	w/	With
dim	Dimension	incl	Include(d) (ing)	wd	Wood
dn	Down	insul	Insulation	wdw	Window
dr	Door	int	Interior	w/o	Without
ea	Each	jt	Joint	wsct	Wainscot

COVER SHEET / GENERAL INFORMATION

1/8" = 1'-0"
 07.04.18
 Project Number: 1313
 Property Number: 511-8336



CAMP ZARAHEMLA RESTROOM
 AND SHOWER FACILITY
 6027 N. NORTH FORK ROAD
 LIBERTY, UTAH



G101



SITE PLAN
 A Scale: 1"=100'-0"

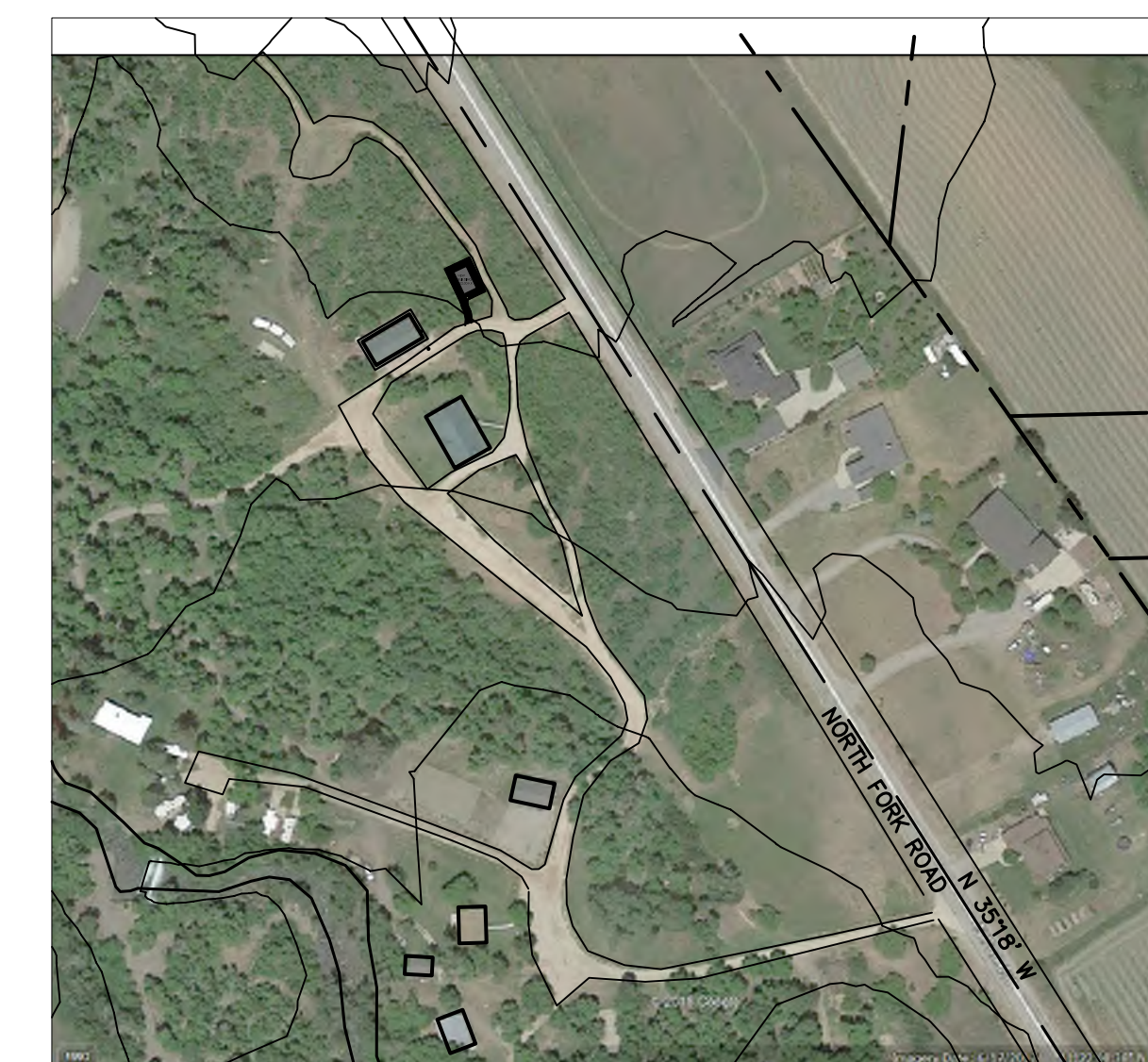
GENERAL NOTES:

- A. Field verify all dimensions and conditions.
- B. Fill beneath restroom facility shall be compacted granular imported engineered fill per specification. Over-excavate beneath new restroom facility floor slab as required and provide 12" minimum compacted engineered fill and 4" minimum of 3/4" free-draining gravel beneath slab.
- C. Existing utilities are shown on the drawings only to the extent such information has been made available to the Architect. This information is shown for the convenience of the Contractor, the contours are from the USGS survey and are shown to give only a general lay of the land. Contractor shall make his own investigation as necessary to verify the exact location of all utilities. The Contractor shall, prior to any excavation, locate all underground utilities and structures.
- D. Contractor shall be responsible for building permit fees by Weber County Building Department and septic system fees by Weber-Morgan Health Department.
- E. Contractor shall stake out new restroom facility location and receive approval from Architect prior to pouring concrete.
- F. Excess excavated soil shall not be used beneath the restroom facility slab, but may be used as grading fill at the perimeter of restroom floor slab. Slope grade away from slab for 10 feet on each side of slab. Any remaining excess soil may be used as fill as directed by Architect, elsewhere on property.
- G. Field verify location of all utilities & site conditions.
- H. Protect existing trees and shrubs, remove only those trees and shrubs necessary for the new construction.
- I. Note that the location of building or structures indicated on the site plans are approximate, verify exact locations with architect and owner.
- J. Smooth grade around new structures and spread native grass seed in areas that have been disturbed.
- K. In areas and roads where new utility lines are being run, refinish area to original condition before it was disturbed. Connect new utility lines to existing in accordance with the regulations of the utility provider.

KEYED NOTES:

- 1. Restroom/shower facility, RE A/A101
- 2. Drainfield, RE I/P301
- 3. Staging Area for Contractor.
- 4. Contractor's Entrance.
- 5. Contractor's portable restroom.
- 6. Provide new grass seed to match existing and new sprinkler system using same size pipe and heads to provide full coverage.

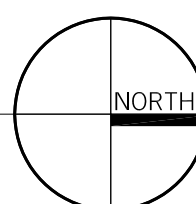
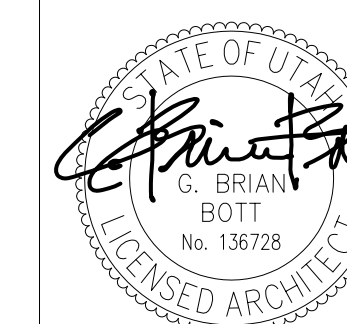
KEY PLAN (N.T.S.):



SITE DEVELOPMENT PLAN

1" = 100'-0"
 07.04.18
 Project Number: 1313
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CAMP ZARAHEMLA RESTROOM
 AND SHOWER FACILITY
 6027 N. NORTH FORK ROAD
 LIBERTY, UTAH



SD101

KEYED NOTES: (E)

1. Existing lodge.
2. Existing bowery.
3. New restroom/shower facility, see A/A101. Coordinate exact location and finished floor elevation with architect.
4. Remove existing trees and shrubs as required for new work.
5. Re-grade in this area to provide proper drainage away from new work.
6. Existing dirt road.
7. Thermoplastic Plastic Pipe water line (36" min. below finish grade). Run line in road from existing water line to new building.
8. Existing gas meter.
9. Existing electrical panel.
10. Connect new gas line at existing meter. Change meter as required by questar gas company, see 3/MP3.1.
11. New 1" underground gas line. Run line in road to new structure as indicated.
12. Connect new electrical line to existing panel. See sheet E101.
13. New elec line in conduit. Run line in road to new restroom facility, re: Sheet ES101
14. See engineers sheets for continuation of utility line.
15. Approximate location of existing water hydrant.
16. Approximate location of existing water line.
17. Protect existing trees and shrub in this area.
18. Clear a 5'-0" walking path between the trees and provide 6" of road base for a walking trail to the restroom facility.
19. Septic tank, re; plumbing drawings.
20. 4" sewer line.
21. Existing marker.



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LEGEND:

- EG - EXISTING GAS
- EUP - EXISTING UNDERGROUND POWER
- EW - EXISTING WATER
- G - GAS
- UP - UNDERGROUND POWER
- S - SEWER
- W - WATER



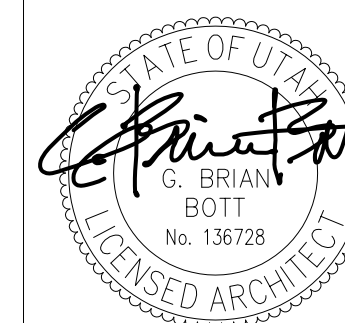
ENLARGED SITE PLAN
 A Scale: 1"=1/16"

KEY PLAN (N.T.S.):



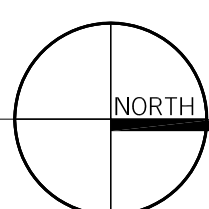
SITE DEVELOPMENT PLAN (ENLARGED)

1" = 1/16"
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CAMP ZARAHEMLA RESTROOM AND SHOWER FACILITY
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SD102



GENERAL NOTES:

- A. Benchmark: Top of water meter cover 100.00
- B. Existing contours are shown only as a general reference. The spot elevations have been verified and are a good representation of existing conditions. Field verify all existing elevations, dimensions and conditions.



ENLARGED SITE PLAN
 A Scale: 1"=1/16"

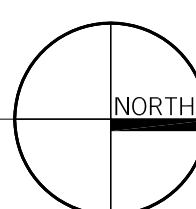
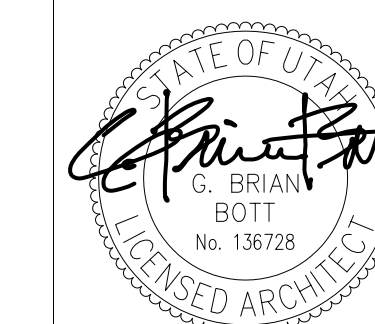
KEY PLAN (N.T.S.):



SITE GRADING PLAN (ENLARGED)

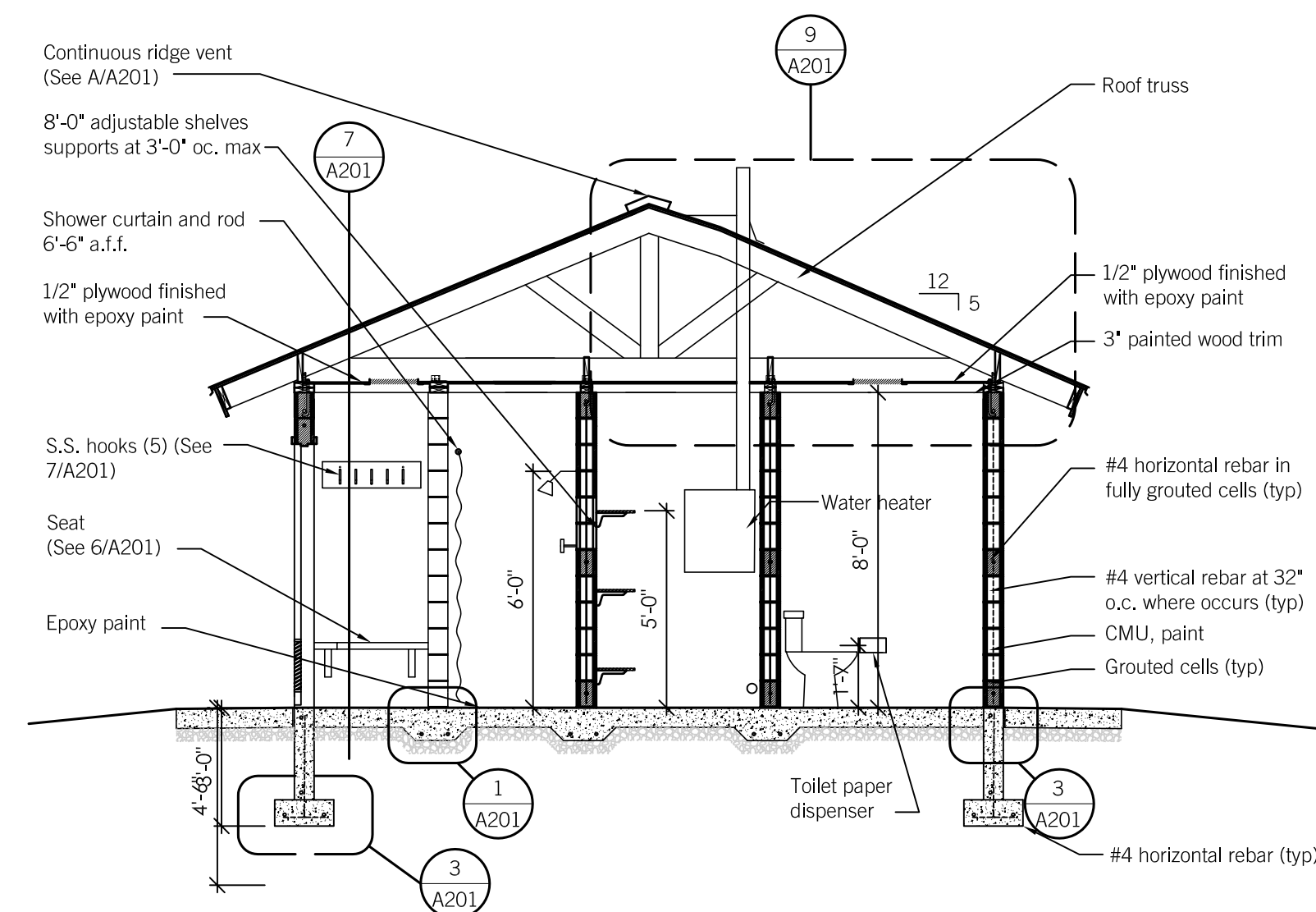
1" = 1/16"
 07.04.18
 Project Number: 1313
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CAMP ZARAHOMLA RESTROOM
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GENERAL NOTES:

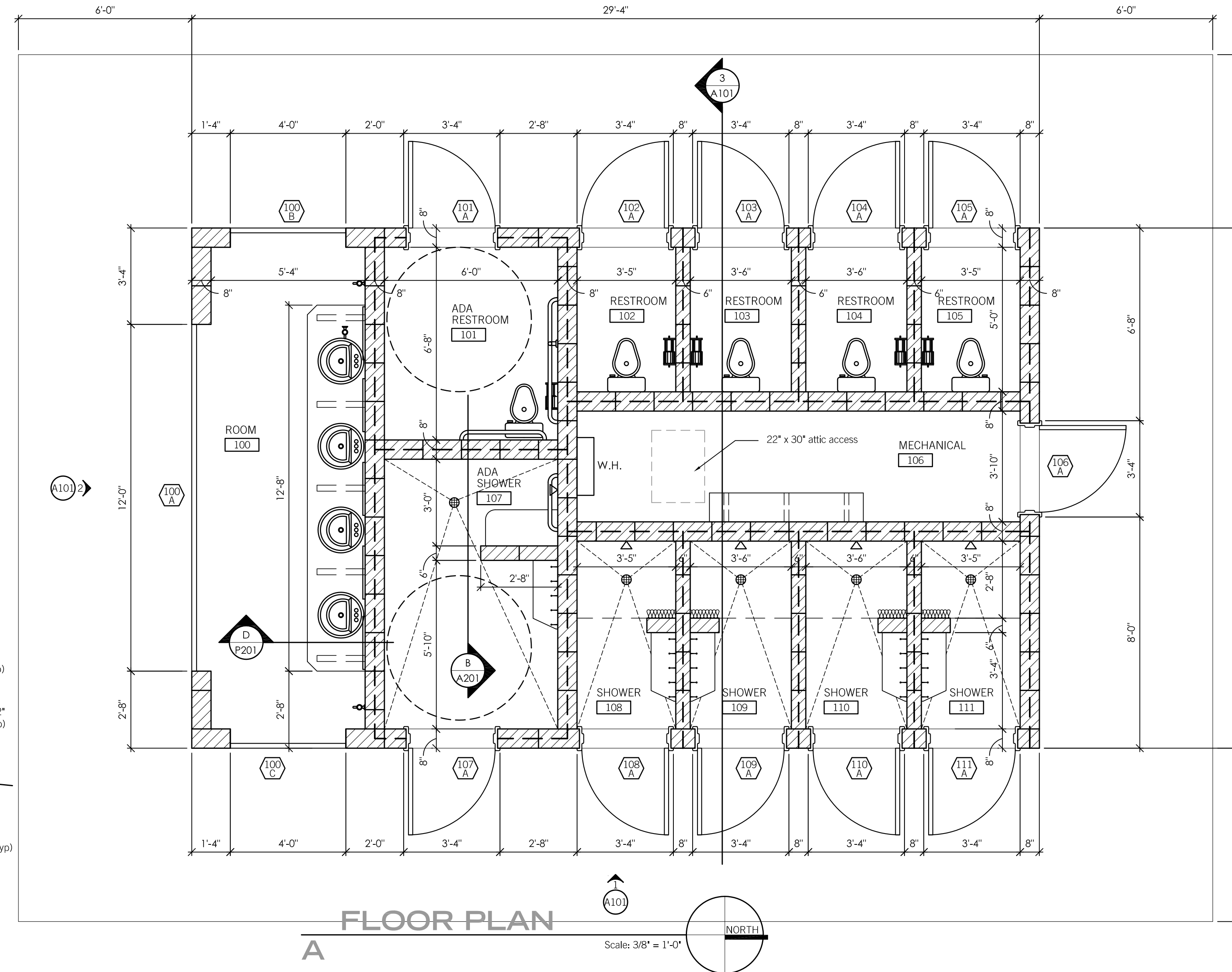
- A. All interior and exterior walls, ceiling, & floors finished with epoxy paint.
- B. Grab bars to meet local accessibility codes.
- C. All cmu walls are 8" masonry unless noted otherwise with (1) #4 vert. @ 32" o.c. (1) #4 horz. @ 48" o.c. and ladder type reinforcing at 16" o.c..



RESTROOM SECTION

3

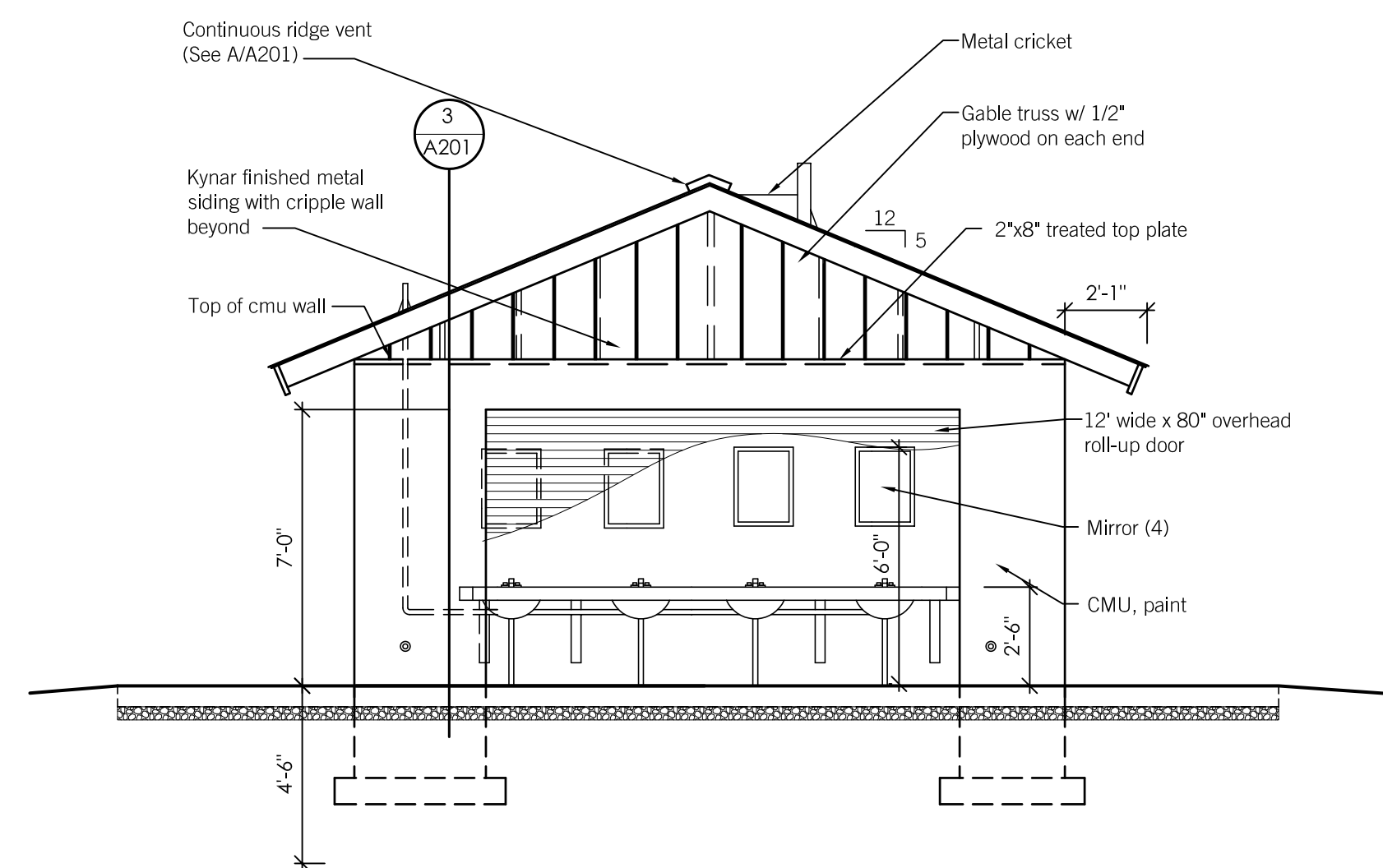
Scale: 1/4" = 1'-0"



FLOOR PLAN

A

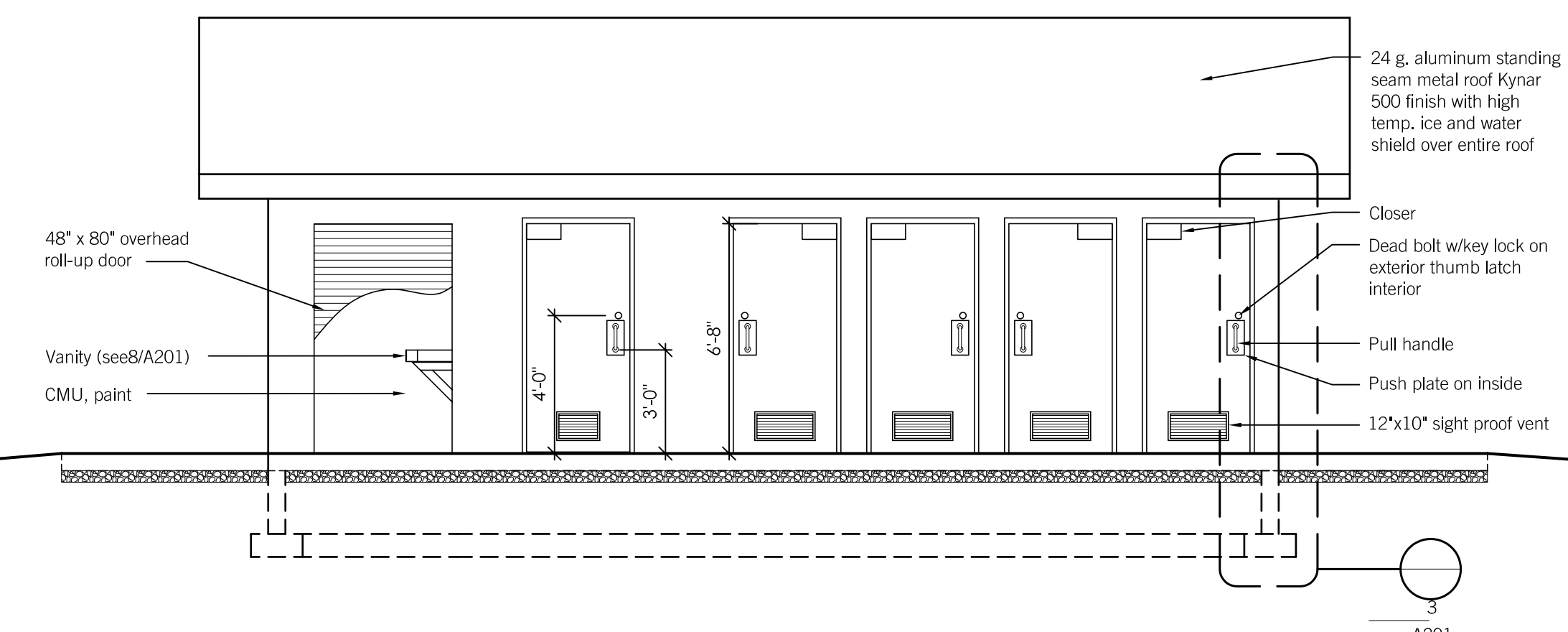
Scale: 3/8" = 1'-0"



RESTROOM ELEVATION

2

Scale: 1/4" = 1'-0"

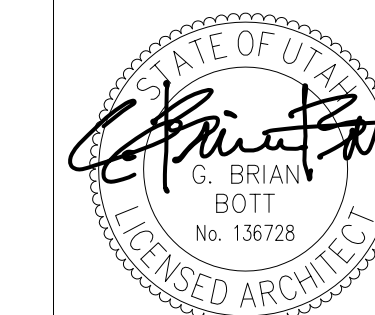


RESTROOM ELEVATION

1

Scale: 1/4" = 1'-0"

FLOOR PLAN, ELEVATIONS AND BUILDING SECTION

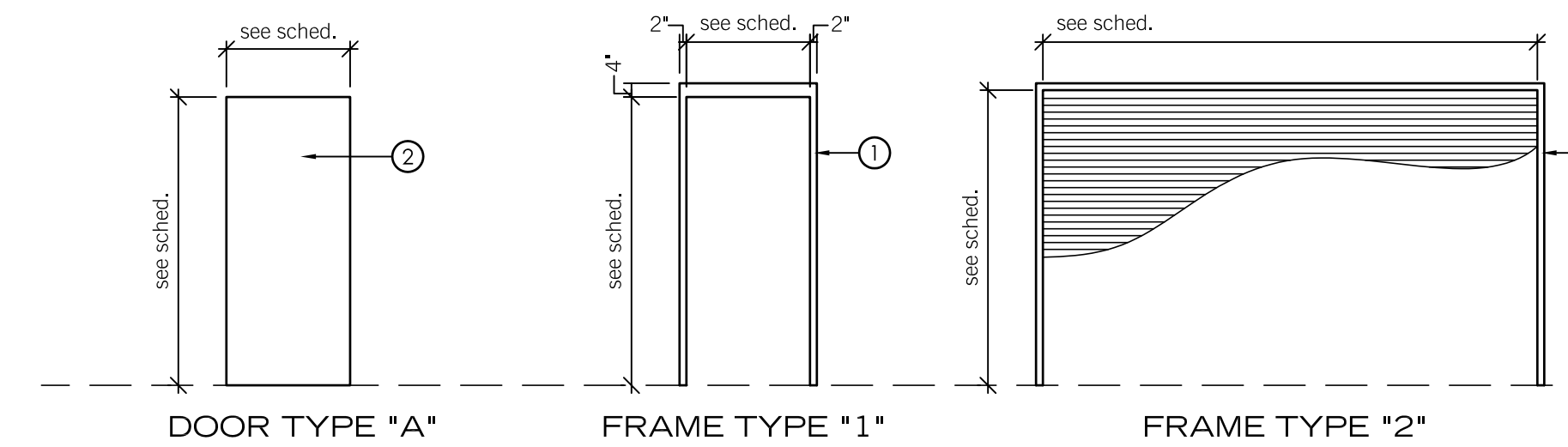


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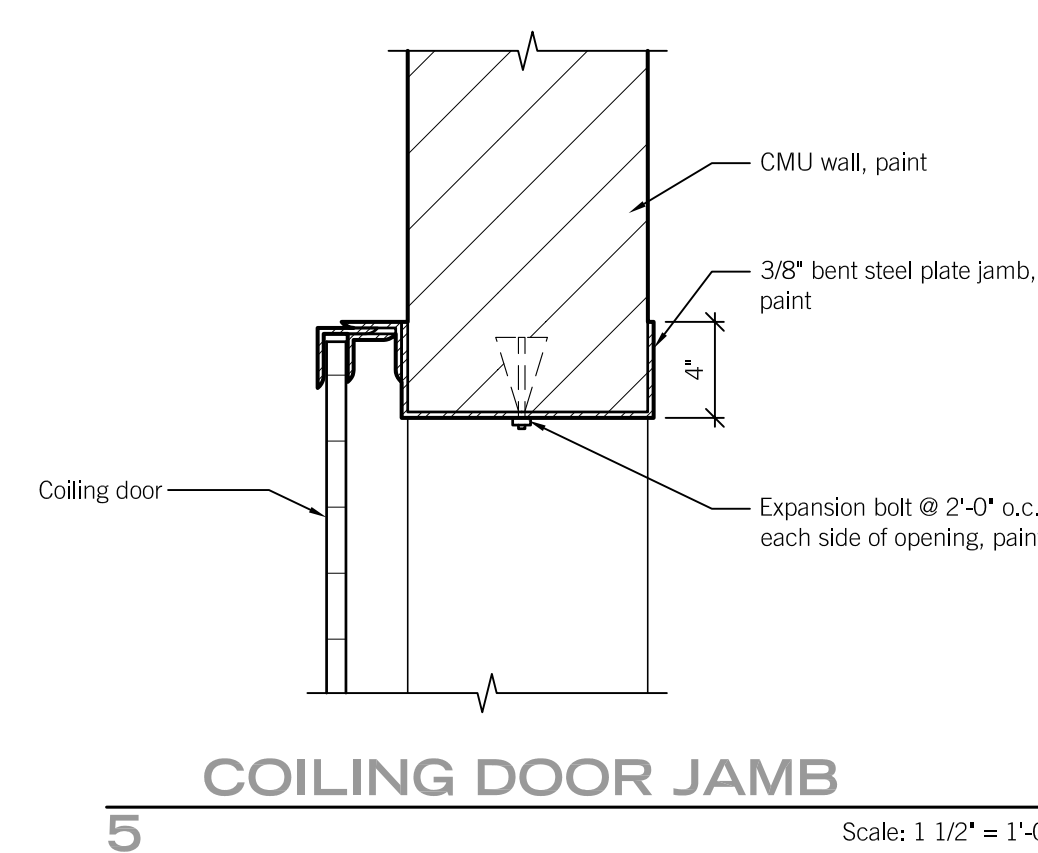
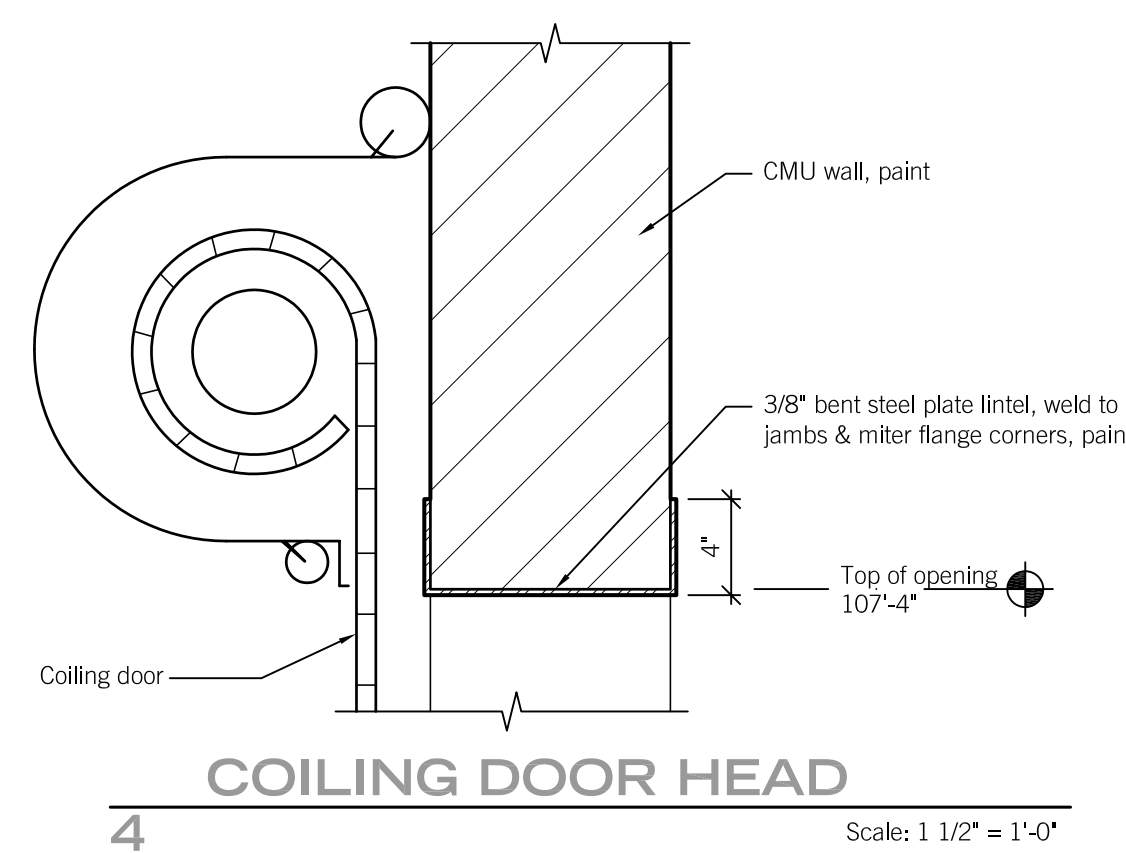
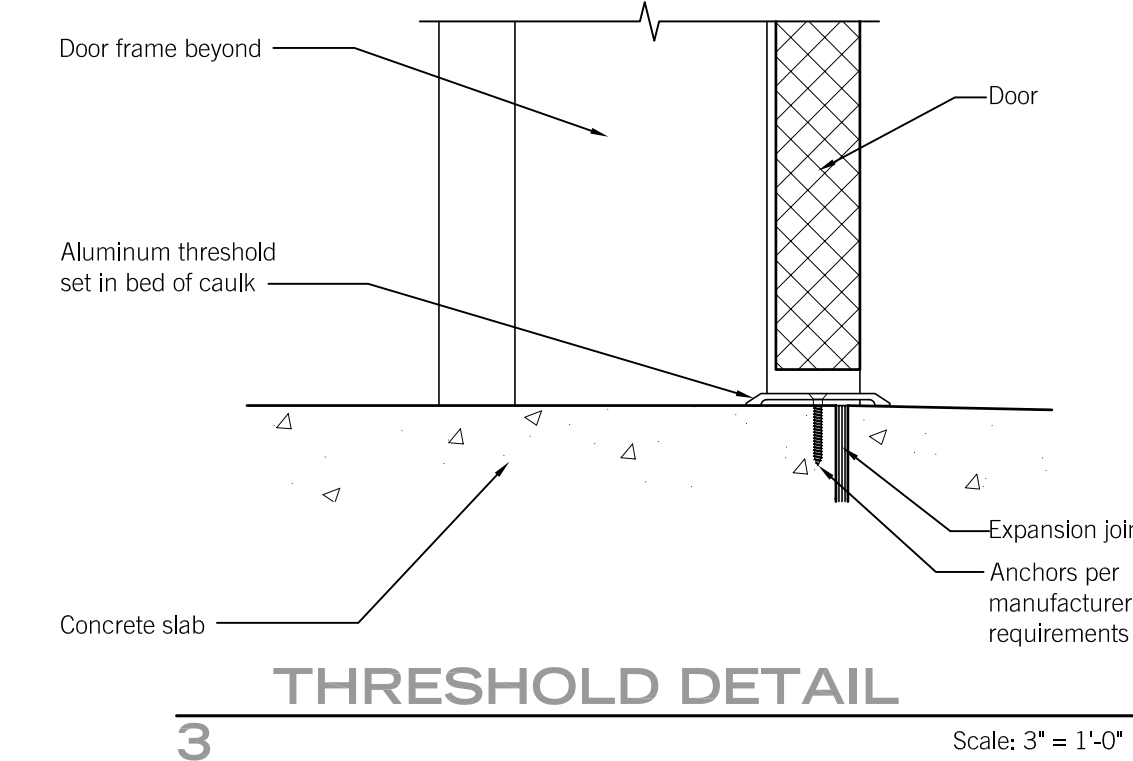
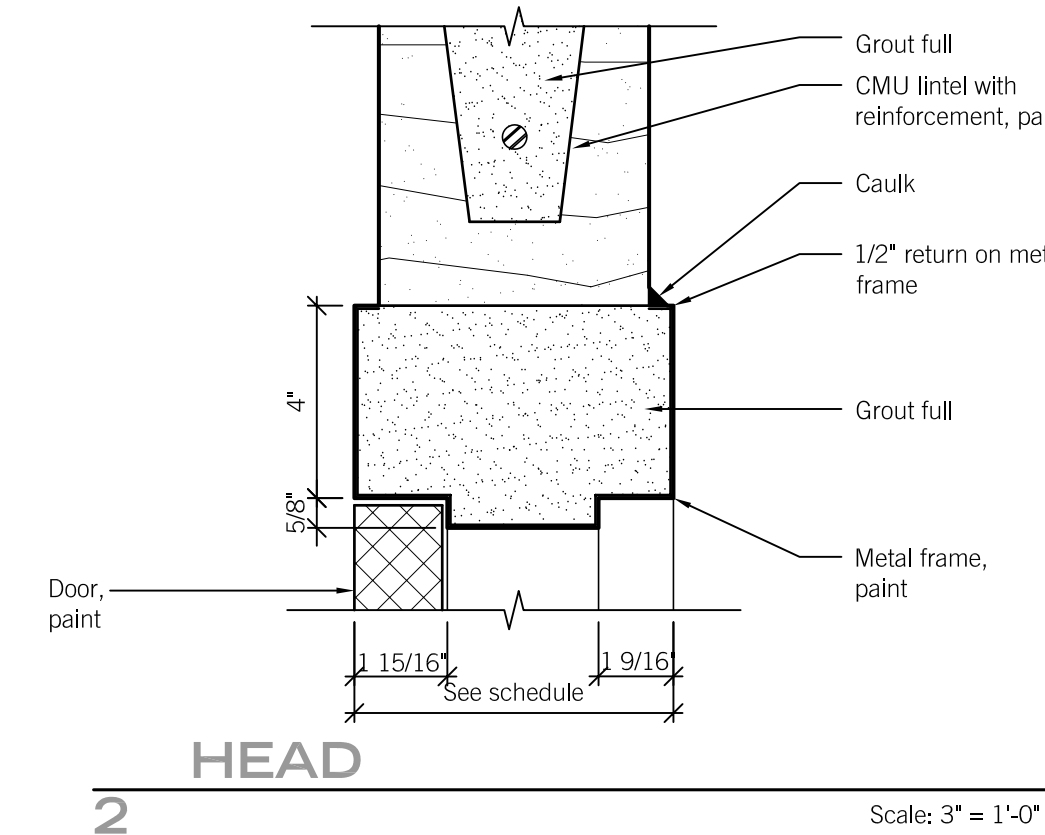
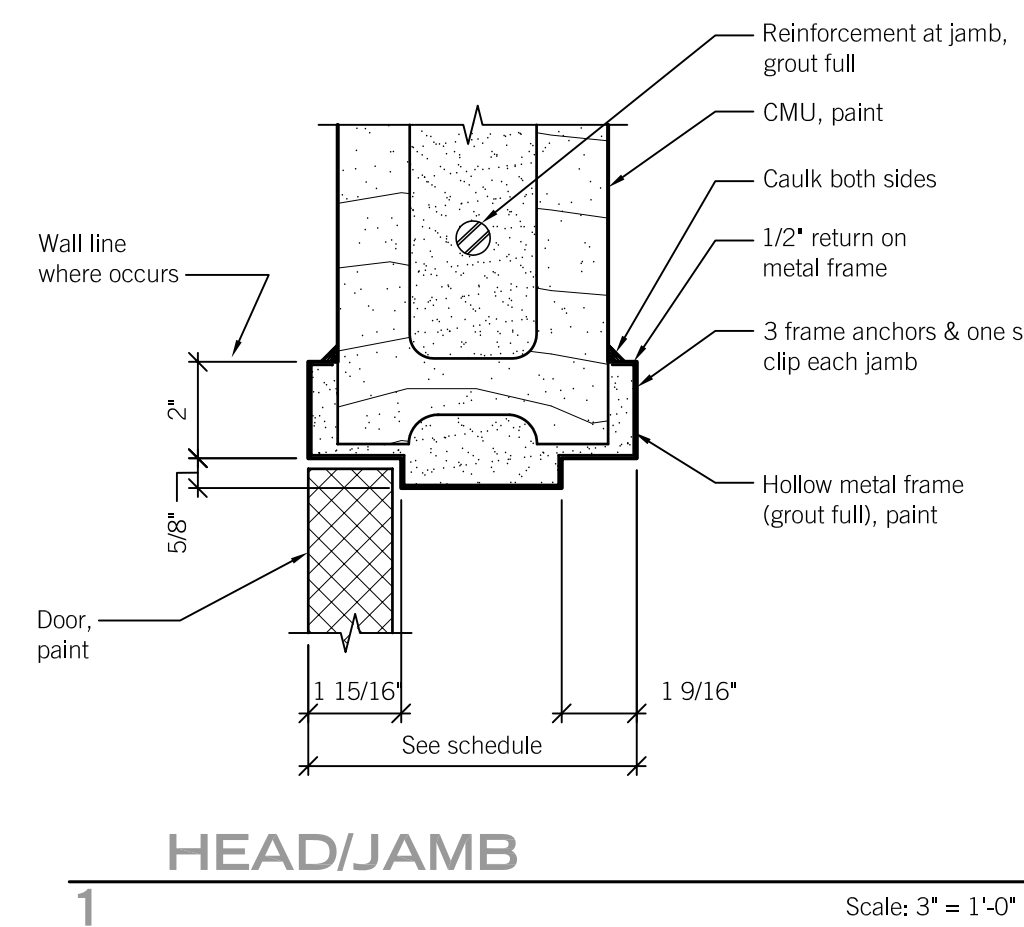
A101

NO.	ROOM NAME	DOOR							FIRE RATING (MIN)	FRAME					DETAILS			HDWR.	REMARKS	NO.
		WIDTH	HEIGHT	THICK.	TYPE	CONST.	FINISH	GLASS		WIDTH	TYPE	CONST.	SIDELITE	TRANSOM	HEAD	JAMB	THRESH.			
100A	ROOM 100	12'-0"	7'-4"	NA	A	metal	paint	--	--	NA	2	METAL	--	--	4/A301	5/A301	-	see spec	Prefinished door & frame	100A
100B	ROOM 100	4'-0"	7'-4"	NA	A	metal	paint	--	--	NA	2	METAL	--	--	4/A301	5/A301	-	see spec	Prefinished door & frame	100B
100C	ROOM 100	4'-0"	7'-4"	NA	A	metal	paint	--	--	NA	2	METAL	--	--	4/A301	5/A301	-	see spec	prefinished door & frame	100C
101A	ADA RESTROOM 101	3'-0"	7'-0"	1-3/4"	A	metal	paint	--	--	8-3/4"	1	h.m.	--	--	1/A301	2/A301	3/A301	1	Galv. door & frame	101A
102A	RESTROOM 102	3'-0"	7'-0"	1-3/4"	A	metal	paint	--	--	8-3/4"	1	h.m.	--	--	1/A301	2/A301	3/A301	1	Galv. door & frame	102A
103A	RESTROOM 103	3'-0"	7'-0"	1-3/4"	A	metal	paint	--	--	8-3/4"	1	h.m.	--	--	1/A301	2/A301	3/A301	1	Galv. door & frame	103A
104A	RESTROOM 104	3'-0"	7'-0"	1-3/4"	A	metal	paint	--	--	8-3/4"	1	h.m.	--	--	1/A301	2/A301	3/A301	1	Galv. door & frame	104A
105A	RESTROOM 105	3'-0"	7'-0"	1-3/4"	A	metal	paint	--	--	8-3/4"	1	h.m.	--	--	1/A301	2/A301	3/A301	1	Galv. door & frame	105A
106A	MECHANICAL 106	3'-0"	7'-0"	1-3/4"	A	metal	paint	--	--	8-3/4"	1	h.m.	--	--	1/A301	2/A301	3/A301	2	Galv. door & frame	106A
107A	ADA SHOWER 107	3'-0"	7'-0"	1-3/4"	A	metal	paint	--	--	8-3/4"	1	h.m.	--	--	1/A301	2/A301	3/A301	1	Galv. door & frame	107A
108A	SHOWER 108	3'-0"	7'-0"	1-3/4"	A	metal	paint	--	--	8-3/4"	1	h.m.	--	--	1/A301	2/A301	3/A301	1	Galv. door & frame	108A
109A	SHOWER 109	3'-0"	7'-0"	1-3/4"	A	metal	paint	--	--	8-3/4"	1	h.m.	--	--	1/A301	2/A301	3/A301	1	Galv. door & frame	109A
110A	SHOWER 110	3'-0"	7'-0"	1-3/4"	A	metal	paint	--	--	8-3/4"	1	h.m.	--	--	1/A301	2/A301	3/A301	1	Galv. door & frame	110A
111A	SHOWER 111	3'-0"	7'-0"	1-3/4"	A	metal	paint	--	--	8-3/4"	1	h.m.	--	--	1/A301	2/A301	3/A301	1	Galv. door & frame	111A



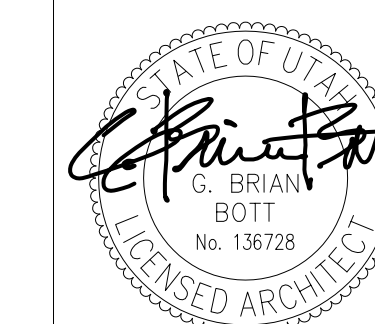
KEYED NOTES: (E)

- Hollow metal frame, paint.
- Metal door, paint.
- Coiling door metal frame, prefinished.



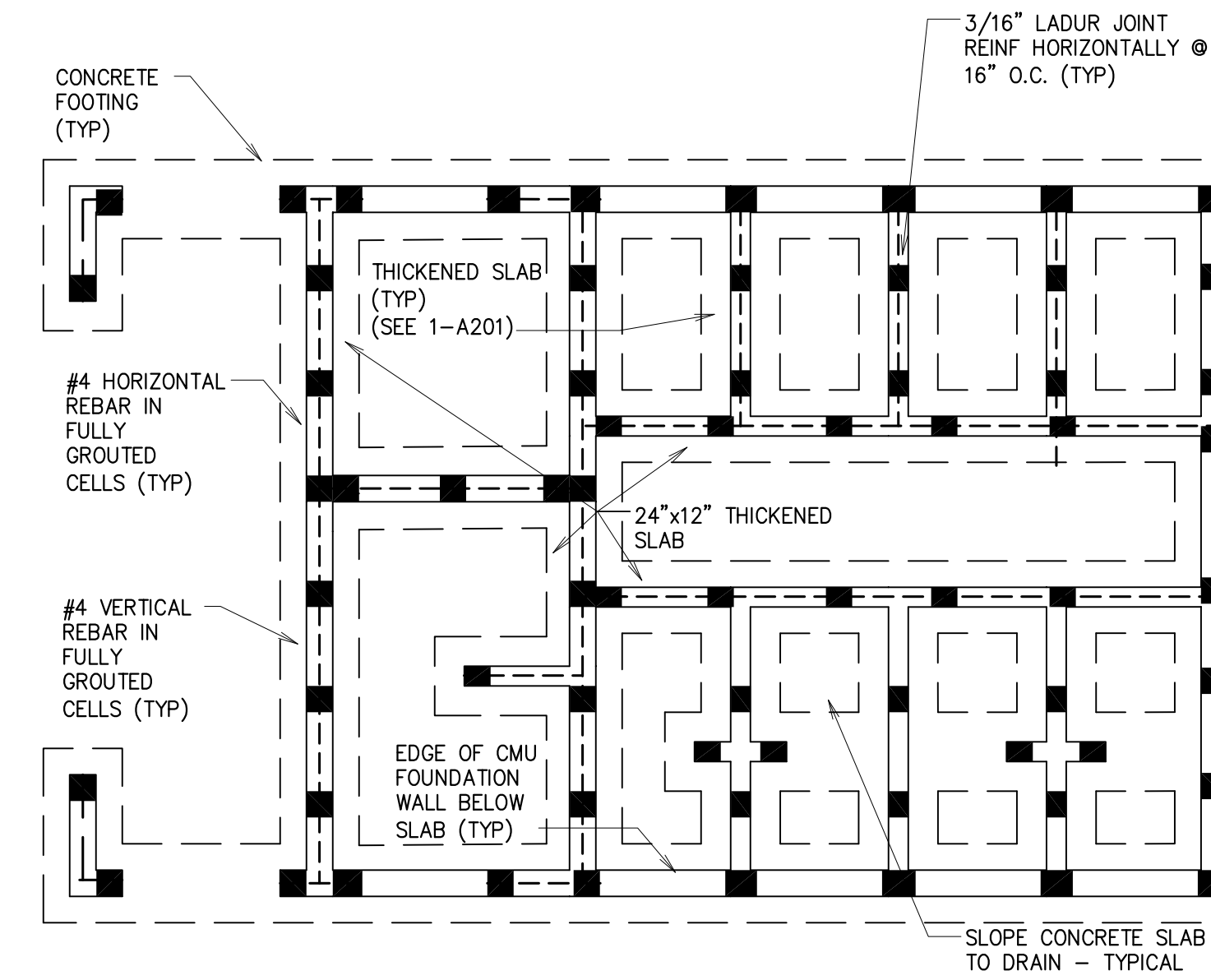
DOOR SCHEDULE & DETAILS

Scale: Varies
 07.04.18
 Project Number: 1313
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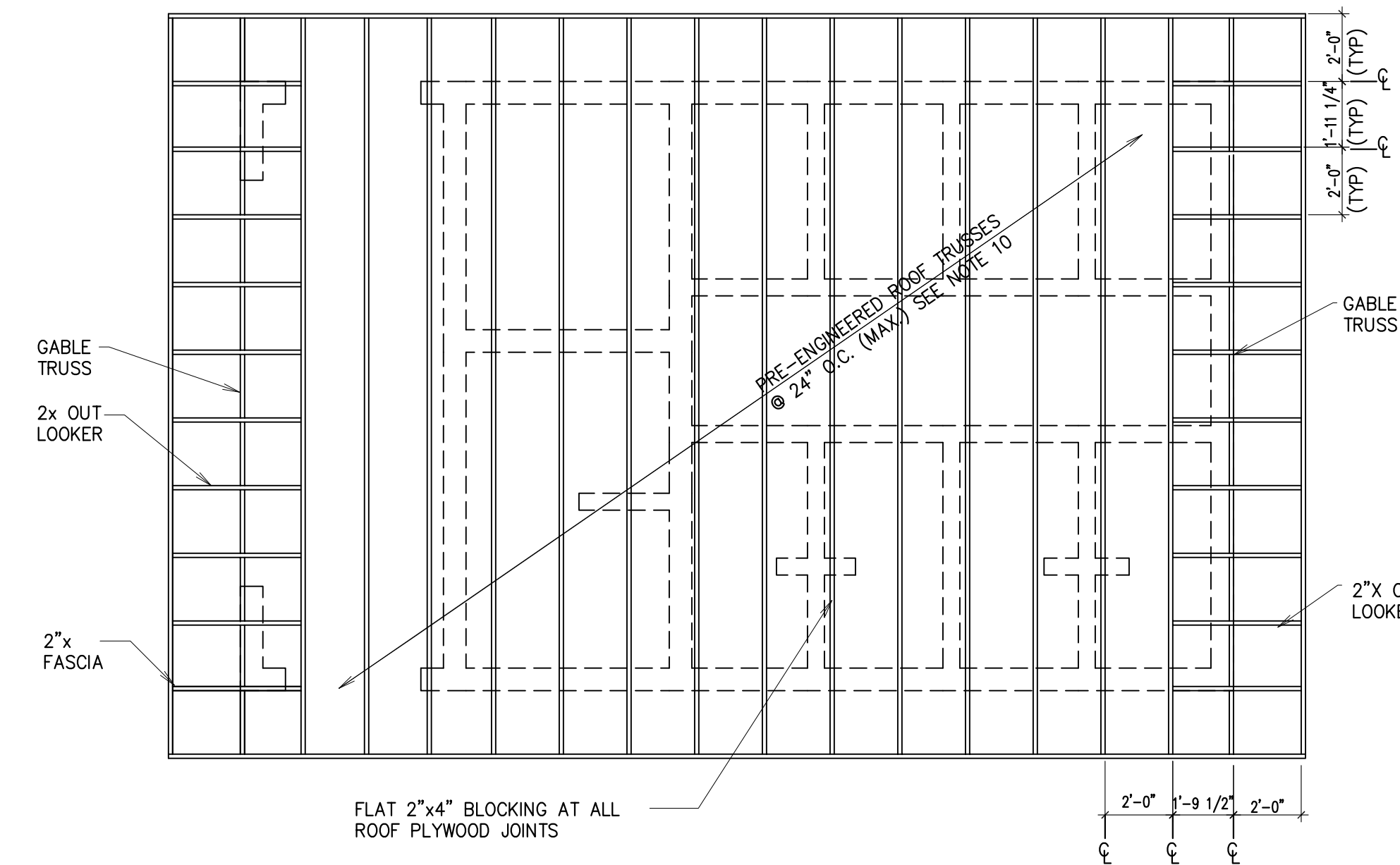


CAMP ZARAHEMLA RESTROOM
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A301



(A) CONCRETE SLAB PLAN
 1/4" = 1'-0"



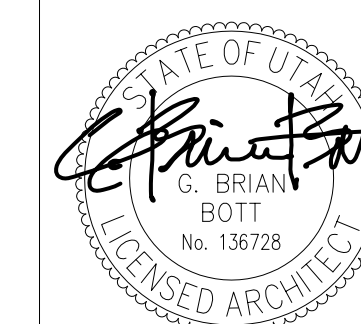
(B) ROOF PLAN
 1/4" = 1'-0"

STRUCTURAL GENERAL NOTES:

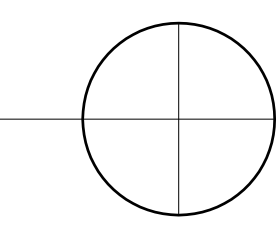
1. Footings shall be placed on firm undisturbed natural grade compacted to not less than 95% maximum density based on modified proctor astm-1557. If the bearing capacity of the soils is not at least 1500 psf contact the architect or structural engineer for recommendations.
2. Concrete for inside floor slabs shall have minimum compressive strength of 3000 psi within 28 days after placement. concrete shall have an air content (do not air entrain) of 3% +or- 1% and a maximum of 4" slump.
3. Concrete for exterior footings and foundation walls shall have a minimum compressive strength of 4,500 psi within 28 days after placement. Concrete shall have a maximum w/c ratio of 0.45 and have air entrainment content of 6% +/- 1% and a maximum of 4" slump.
4. Concrete for outside sidewalks on grade shall have a minimum compressive strength of 3000 psi within 28 days after placement. Concrete shall have an air entrainment content of 6% +or- 1% and a maximum of 4" slump.
5. All metal reinforcement for concrete shall be deformed bars and shall conform to a.s.t.m. a615 grade 60 with a minimum yield strength of 60,000 psi.
6. Slabs on grade shall be 6" thick and shall bear on a 4 inch layer of compacted granular fill.
7. Reinforcement bars shall be securely anchored to the forms and spaced as follows:
 - a) concrete not exposed directly to the weather 1" in slabs and walls and 1 1/2" in columns.
 - b) concrete surfaces exposed to weather 1 1/2".
 - c) concrete surfaces exposed to the ground or compacted backfill after removal of the forms 2".
 - d) concrete deposited against the ground or compacted backfill, 3".
8. Splices and laps in concrete reinforcing bars shall be 36 bar diameters, unless noted otherwise on the drawings.
9. Structural lumber shall be # 2 douglas fir/larch or approved equal. Lumber shall be clearly marked and bear an approved grading stamp.
10. Posts and timbers shall be # 1 douglas fir/larch or approved equal. posts & timbers shall be clearly marked and bear an approved grading stamp.
11. Roof trusses shall be designed by the fabricator for a total load of 110 psf (20 psf dead load and 90 psf live load - dead load shall be 10 psf to the top chord and 10 psf to the bottom chord). do not fabricate trusses until owner has returned the approved shop drawings. fabricator shall supply shop drawings of the final design to owner. shop drawings shall be stamped by a certified structural engineer in state of construction.
12. LVL beams shall be grade =1.8x106 & fb=2600 clearly marked as trus-joist or equal. multiple members (up to 3 plys) may be spiked together with 20d nails at 6" on center (3 rows).
13. Lumber connections shall be made with appropriate "simpson" metal framing anchors.
14. Anchor bolts or framing bolts shall comply with astm a307 and shall be the size and length called out on the drawings.
15. Roof sheathing shall be 3/4" thick cdx plywood with span rating of 48/20 & blocked with flat 2x4 members at all unsupported edges. nail with 10d nails at 4" on center at the boundaries of structure, 6" on center at all edges of panels and at 12 a on center at the intermediate framing members. it shall comply with standard ps-1 of the american plywood association (apa).
16. Wall sheathing shall be 1/2" thick cdx plywood. nail with 10d nails at 4" on center at the top and bottom plates, 6" on center at all edges of panels and at 12 a on center at the intermediate framing members. block with flat 2x4 members at all unsupported edges. it shall comply with standard ps-1 of the american plywood association (apa).
17. Miscellaneous structural steel shall conform with astm a-36 grade with a minimum strength of 36,000 psi.

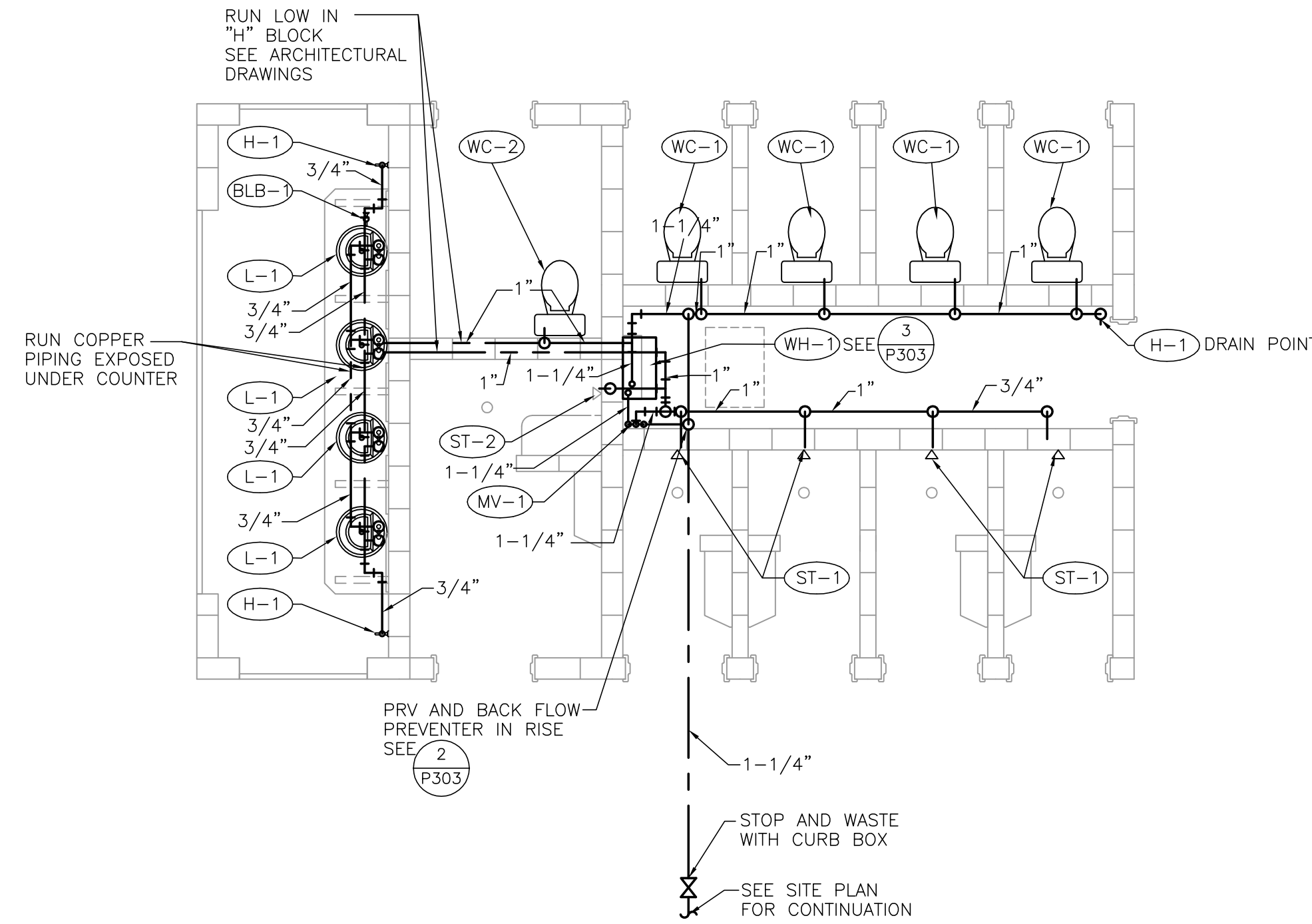
CONCRETE SLAB PLAN AND ROOF PLAN

1/4" = 1'-0"
 07.04.18
 Project Number: 1313
 Property Number: 511-8336

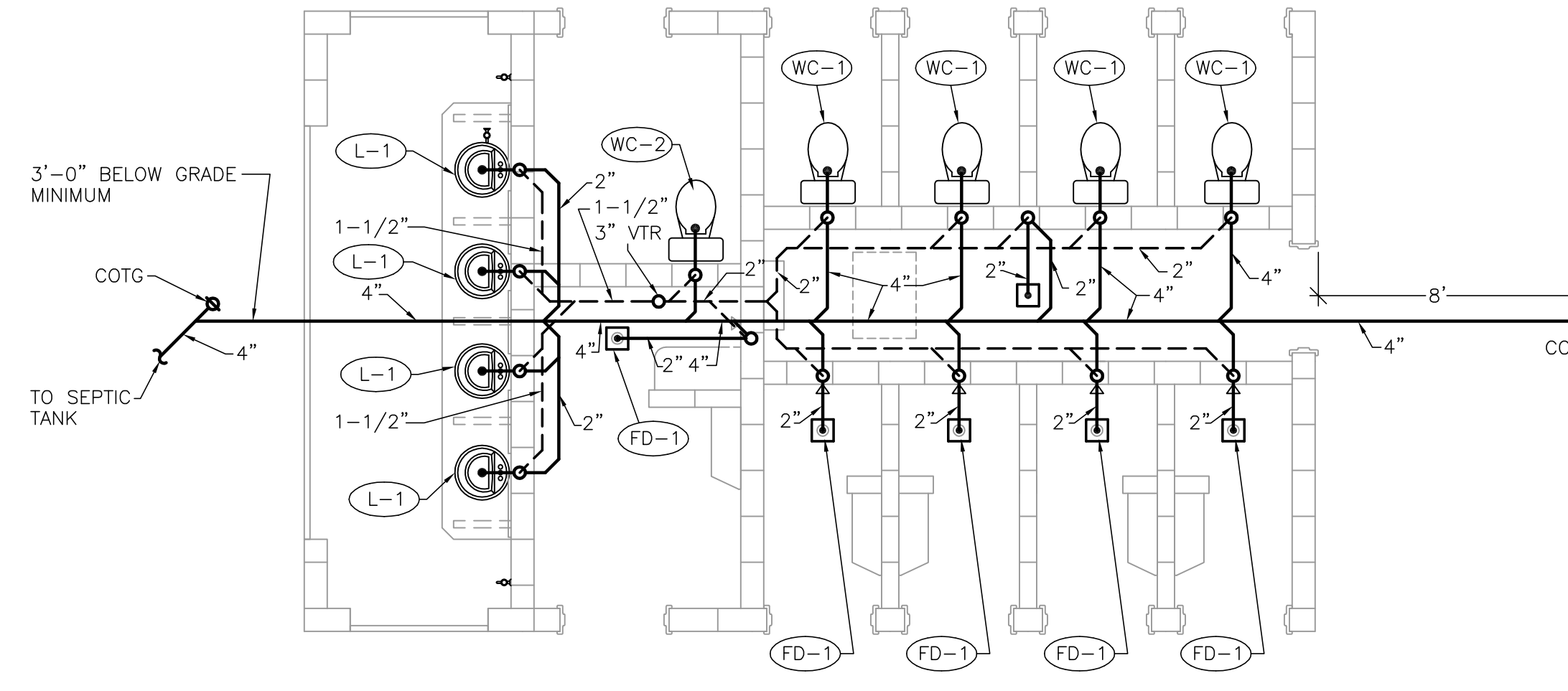


CAMP ZARAHEMLA RESTROOM AND SHOWER FACILITY
 6027 N. NORTH FORK ROAD
 LIBERTY, UTAH



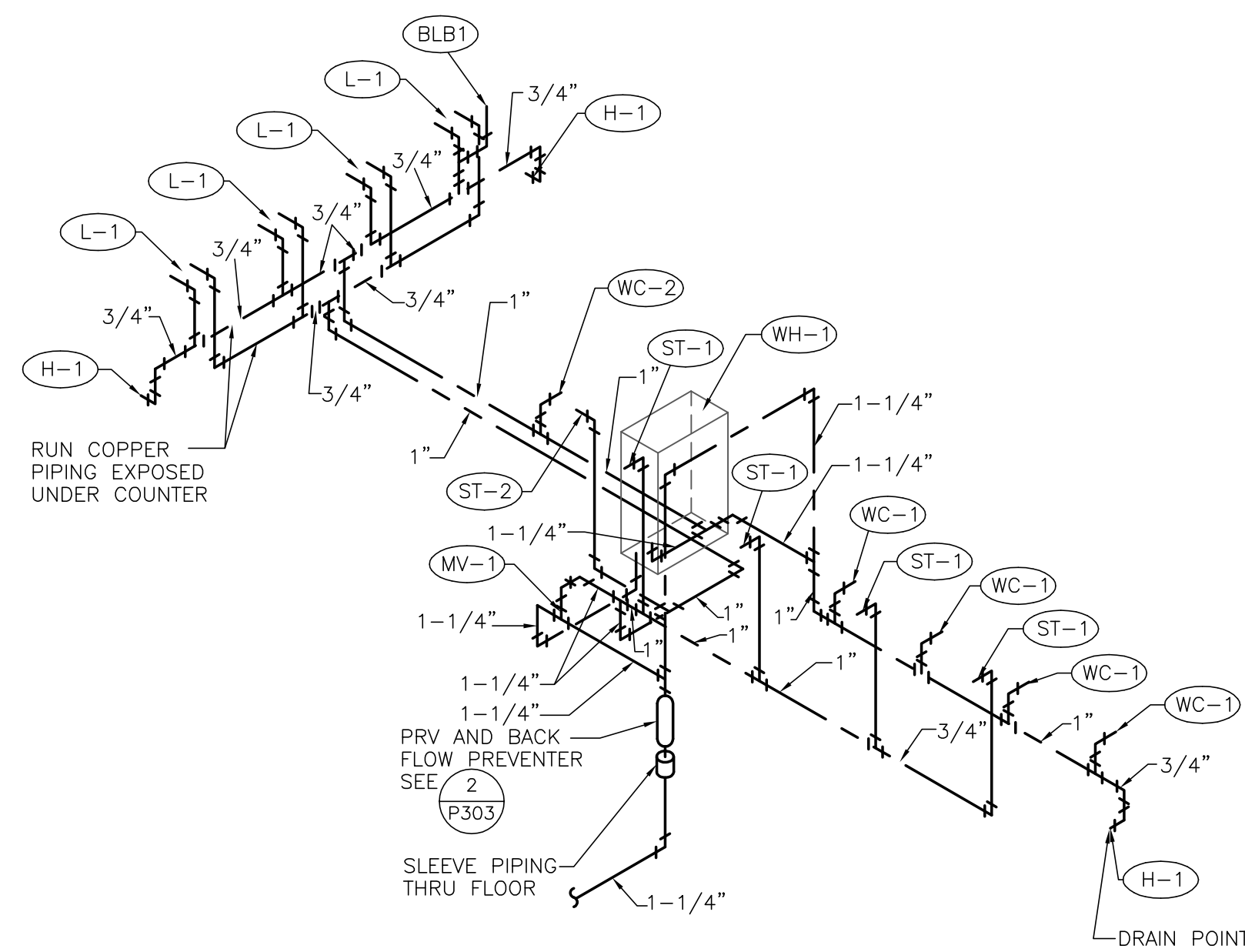


1 HOT AND COLD WATER PIPING PLAN
 P201 SCALE 1/4"=1'-0"

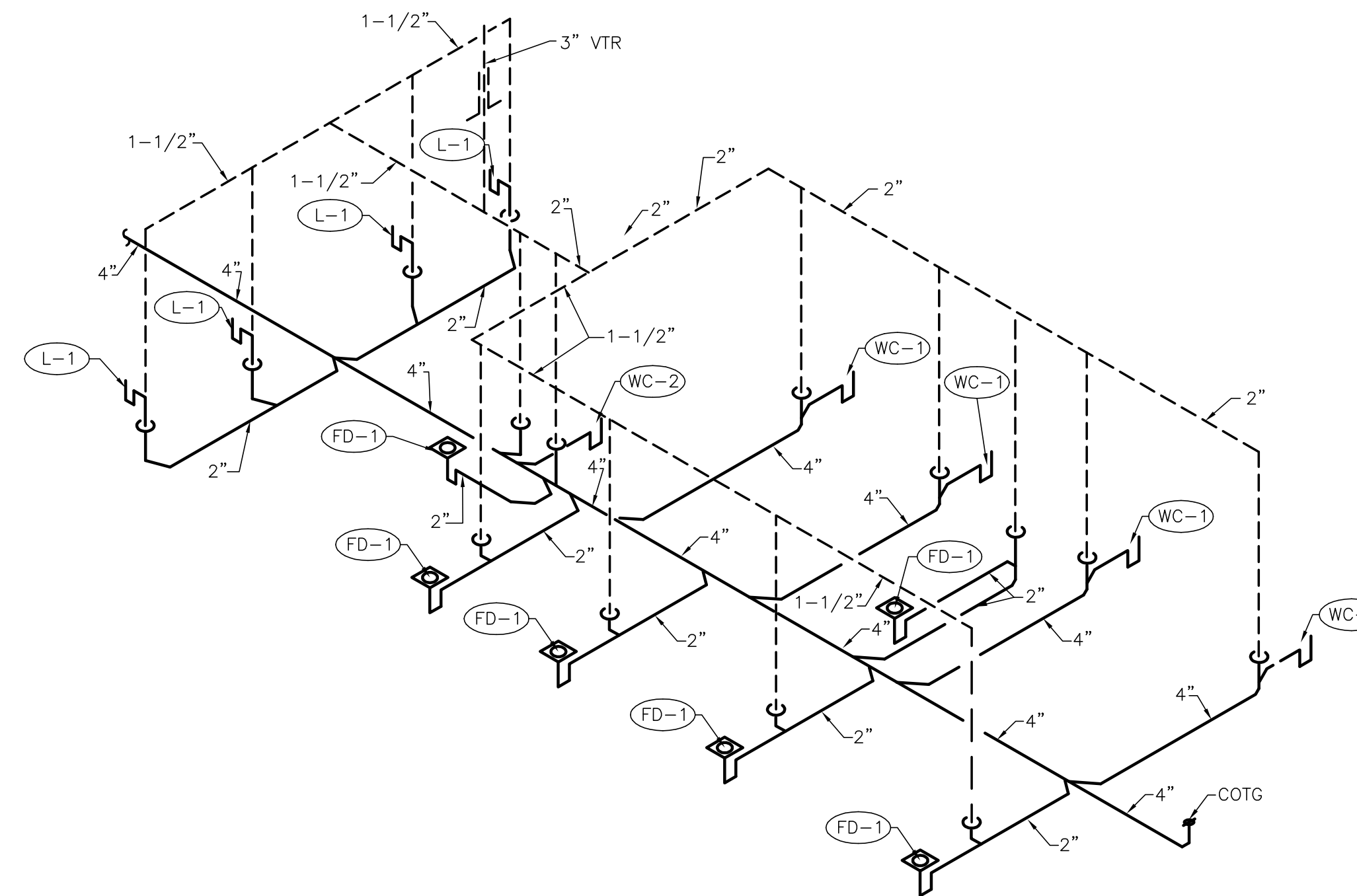


2 WASTE AND VENT PIPING PLAN
 P201 SCALE 1/4"=1'-0"

- PLUMBING GENERAL NOTES:**
1. ALL PLUMBING SHALL COMPLY WITH THE MOST STRINGENT OF APPLICABLE CODES, ORDINANCES, AND THE SPECIFICATIONS.
 2. ENTIRE SYSTEM MUST DRAIN DUE TO FREEZING TEMPERATURES.
 3. DUE TO CLOSE PROXIMITY OF WATER, VENT AND DRAIN PIPING, ALL TRADES MUST COORDINATE WORK TO FACILITATE SYSTEM DRAINAGE AND ACCESS TO ALL VALVES AND FIXTURES.
 4. ALL FITTINGS & PIPES EXPOSED AND MOUNTED TO WALLS SEE PLUMBING DETAILS SHEET P301.
 5. GAS PIPING IS SHOWN ON SHEET M101.



3 HOT AND COLD WATER PIPING ISOMETRIC
 P201 SCALE 1/4"=1'-0"



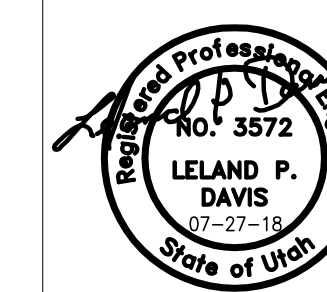
4 WASTE AND VENT PIPING ISOMETRIC
 P201 SCALE 1/4"=1'-0"

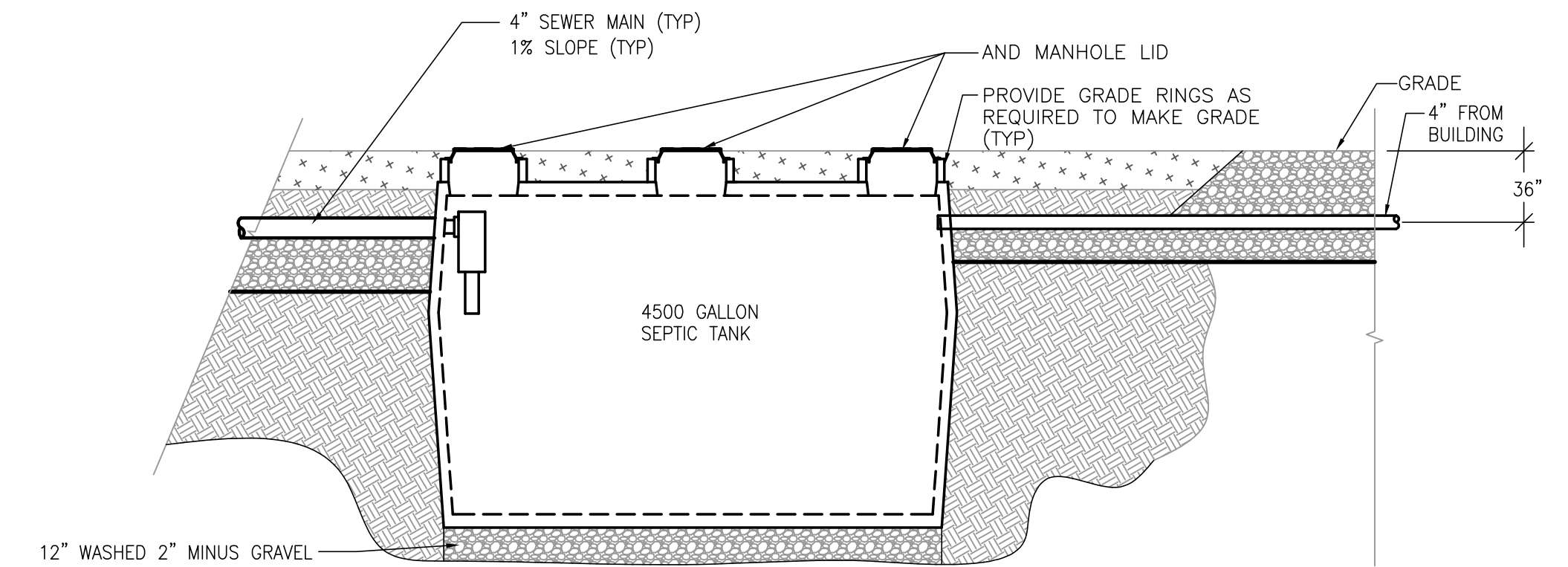
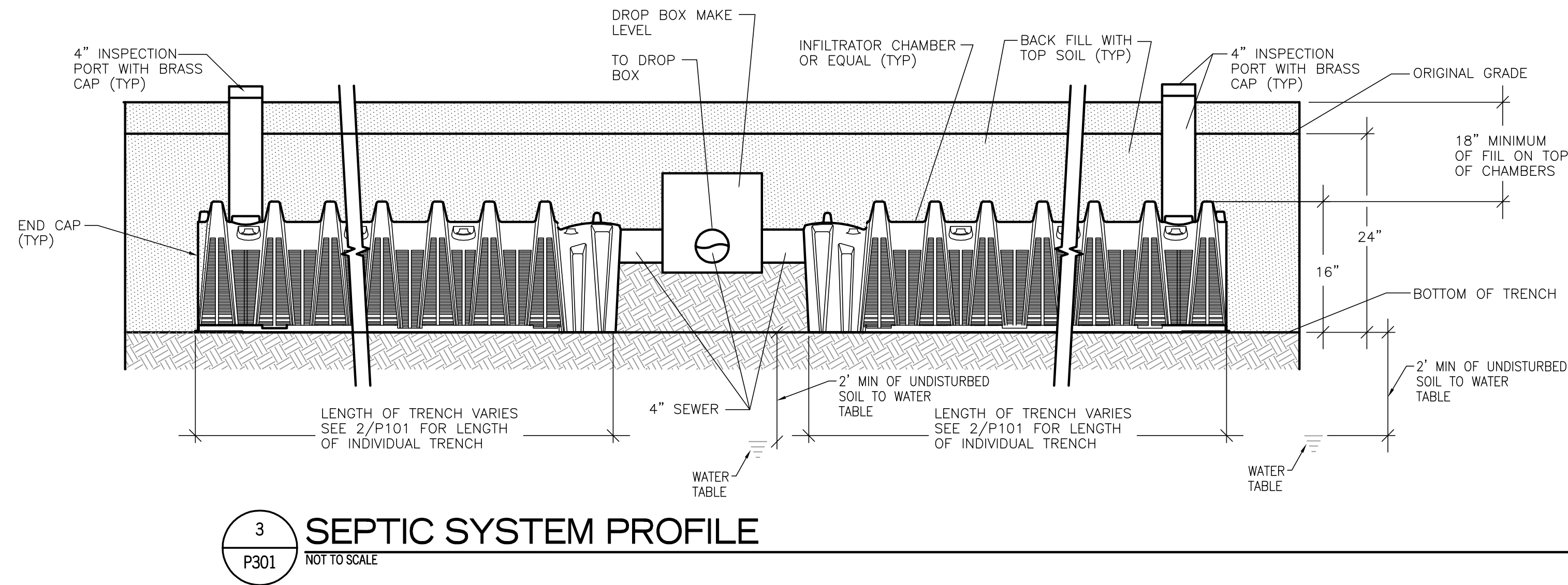
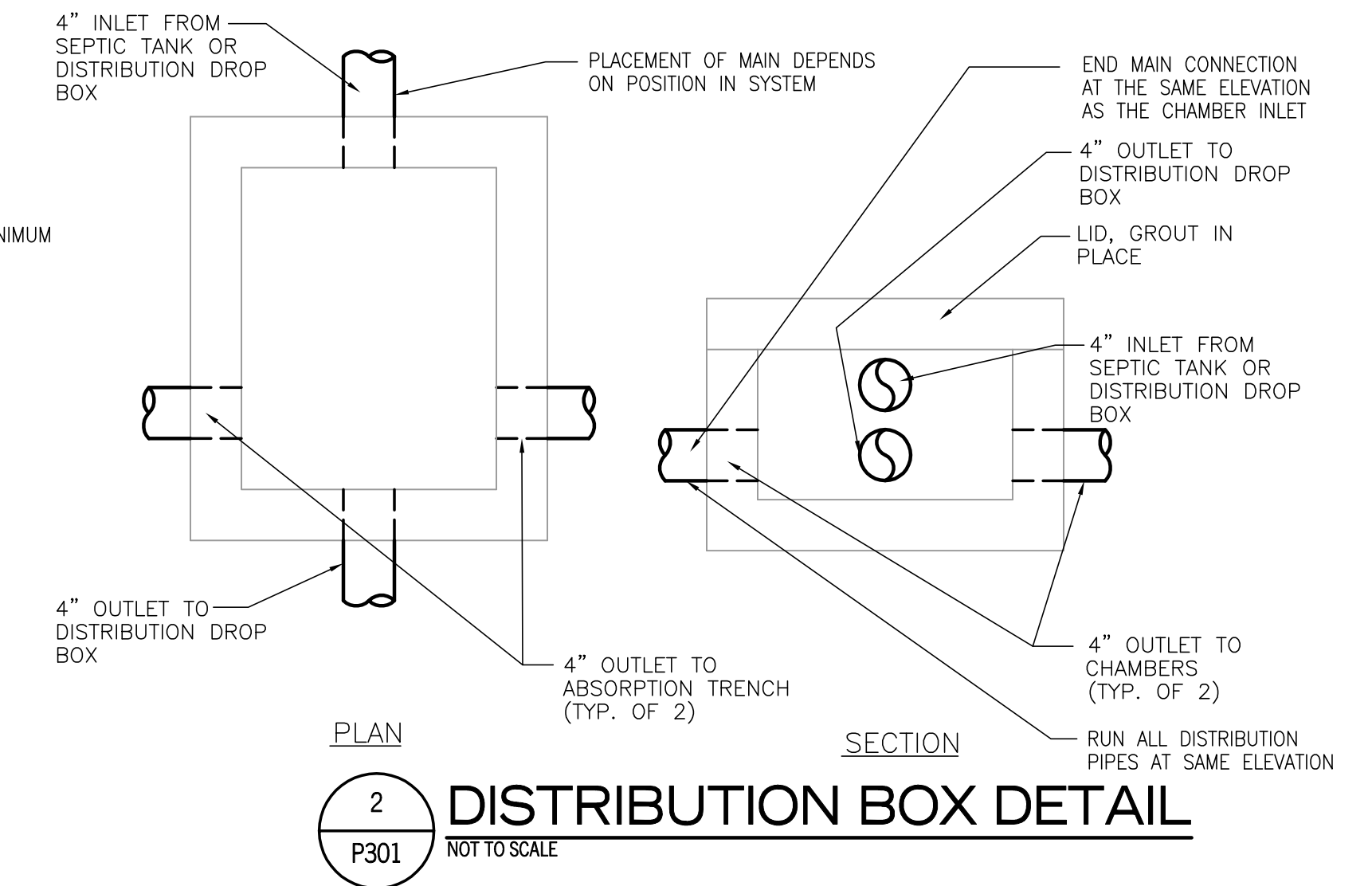
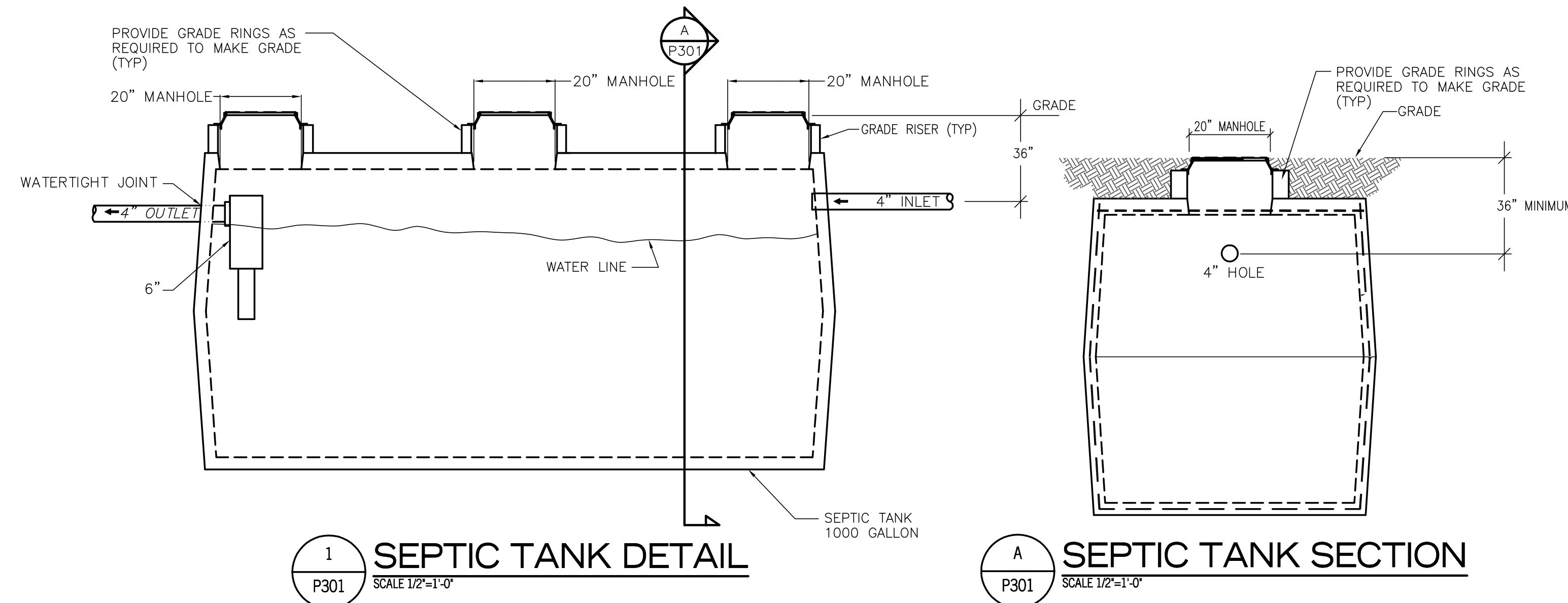
PLUMBING FLOOR PLANS AND ISOMETRICS

06.01.18
 Project Number: 1313
 Property Number: 511-8336

CAMP ZARACHEMLA
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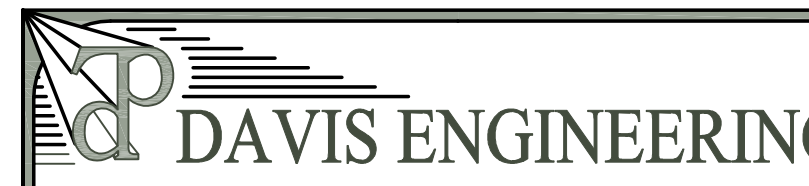




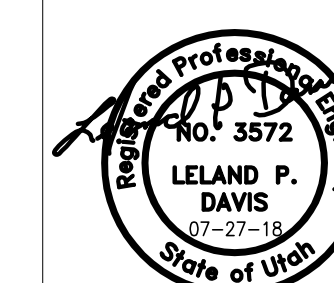
SEPTIC SYSTEM PROFILES AND DETAILS

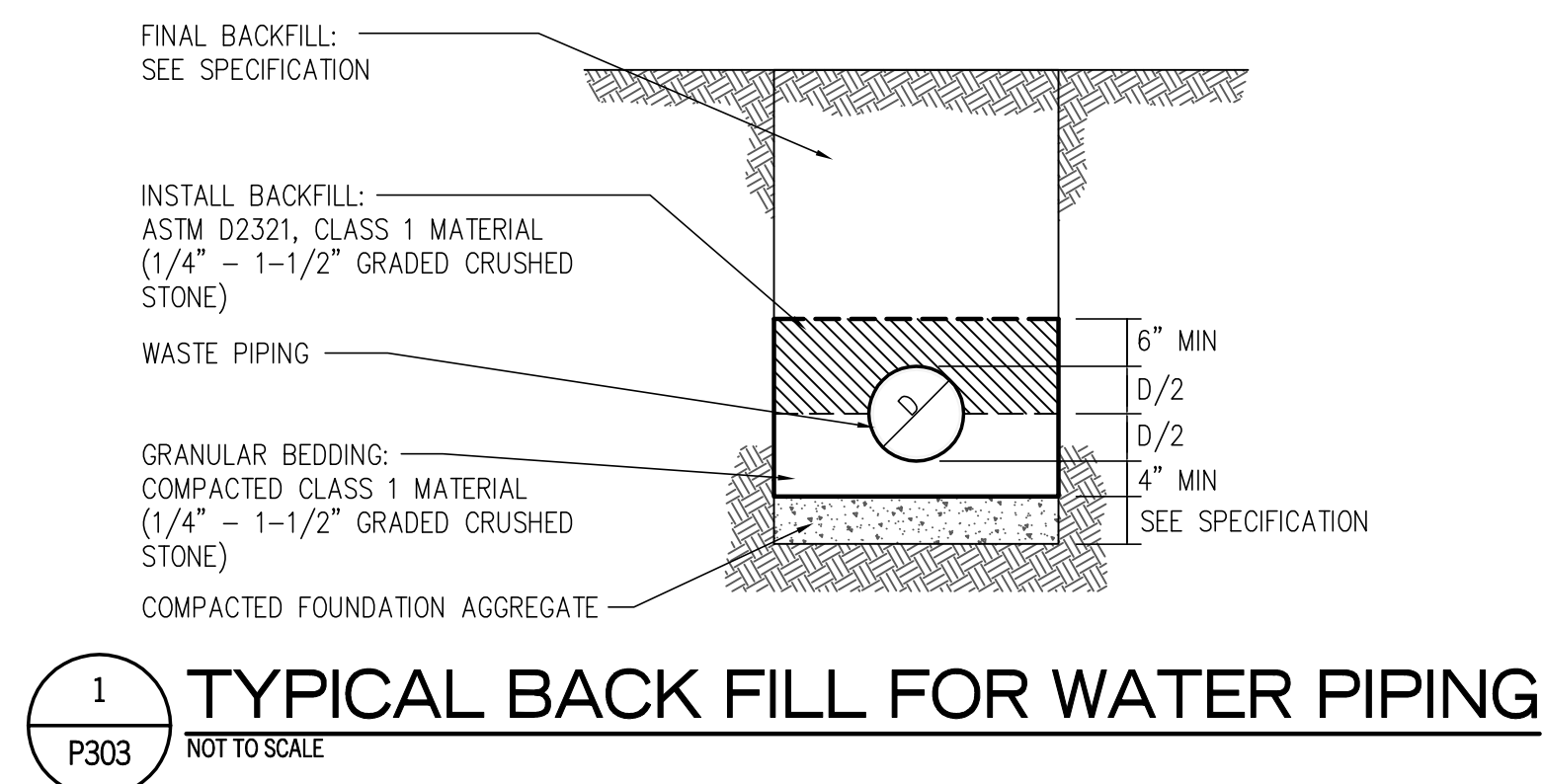
06.01.18
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 RESTROOM/SHOWER
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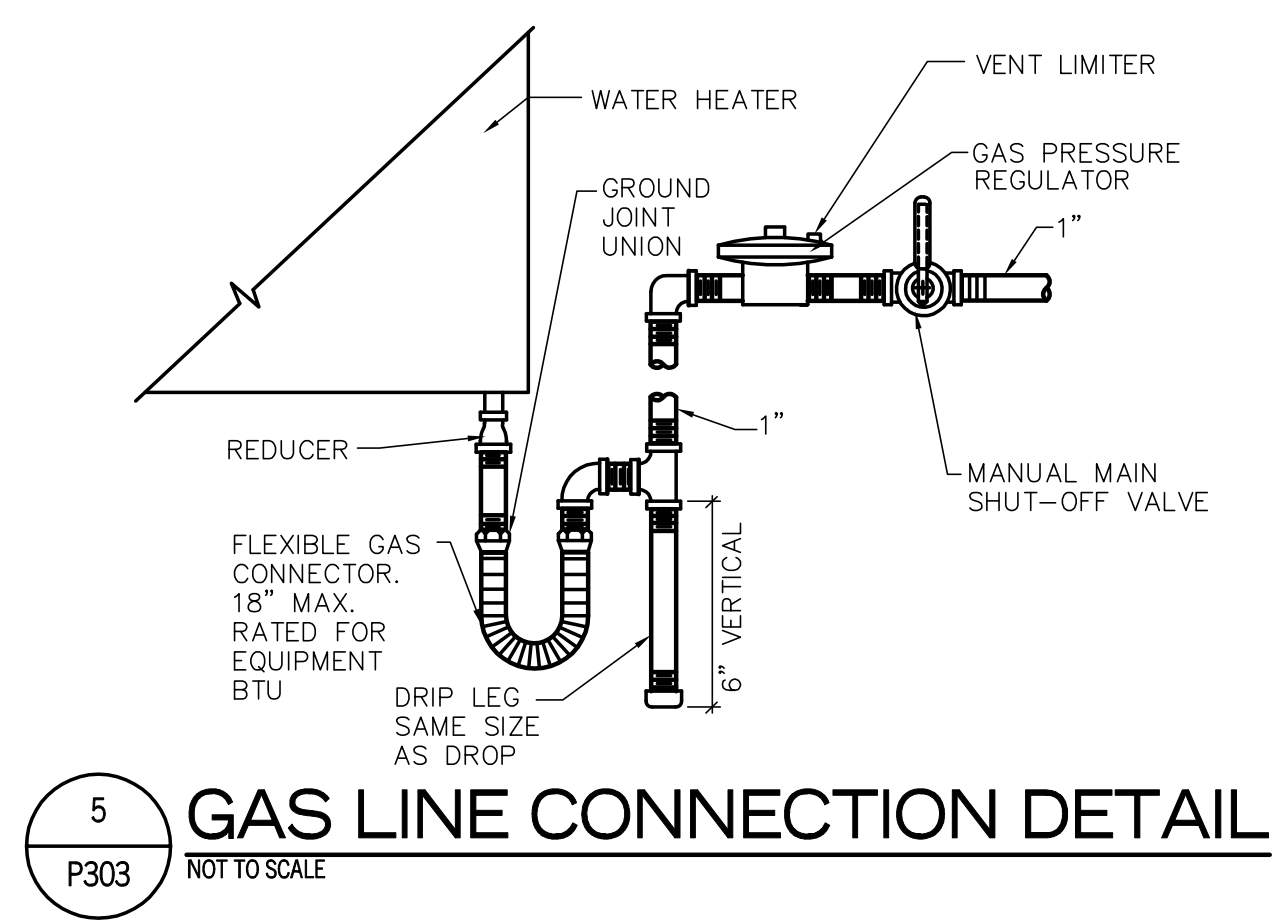
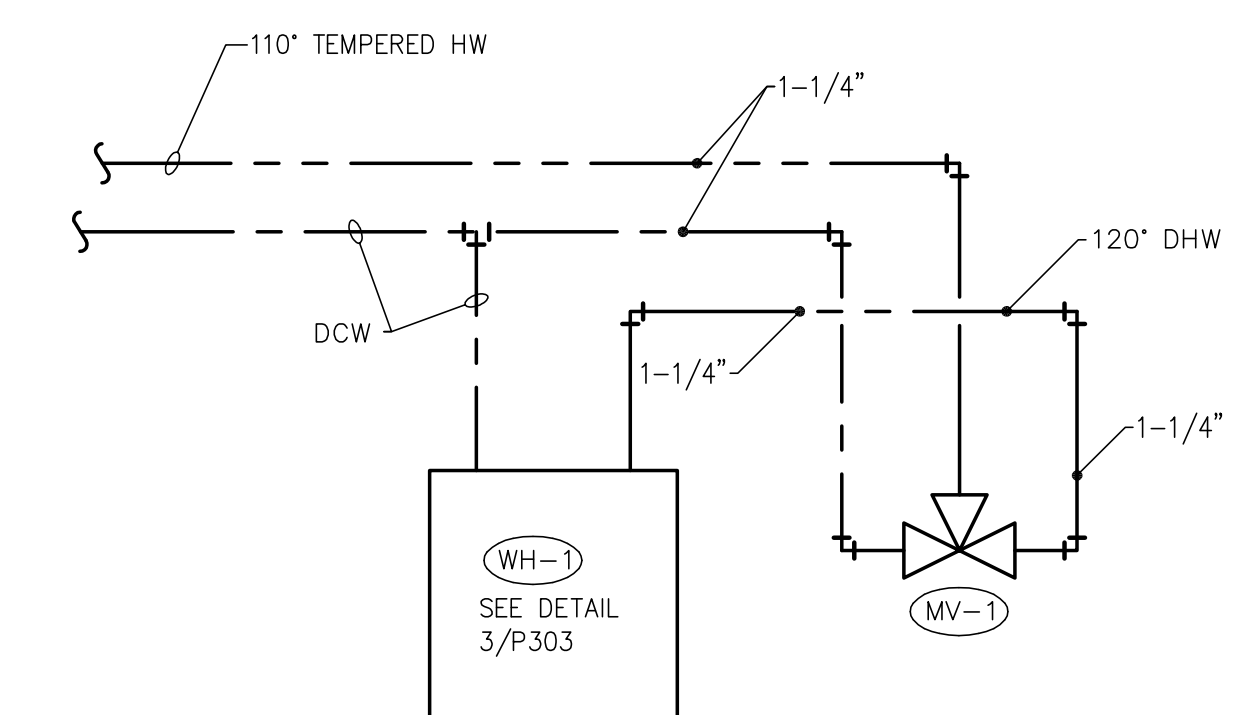
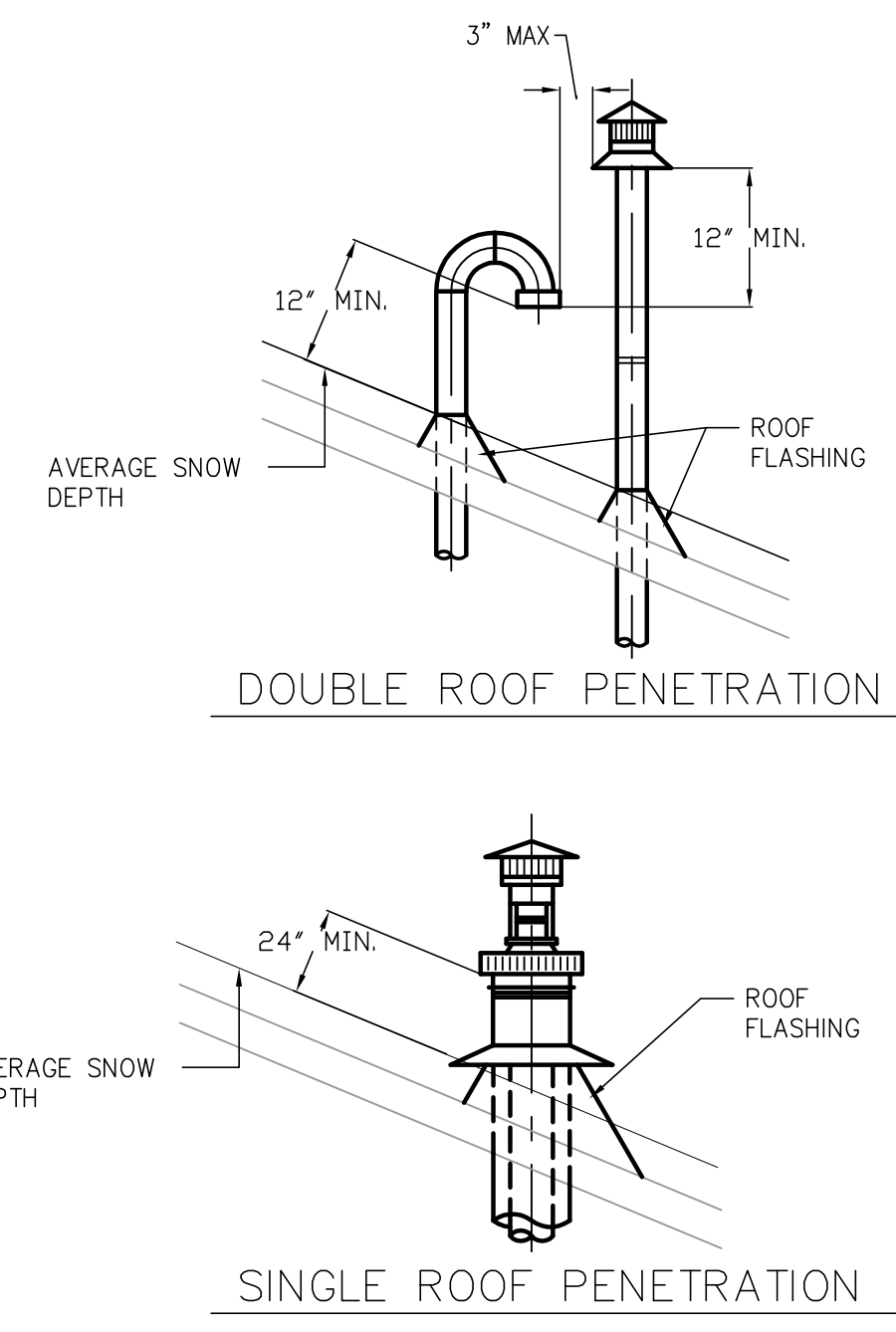
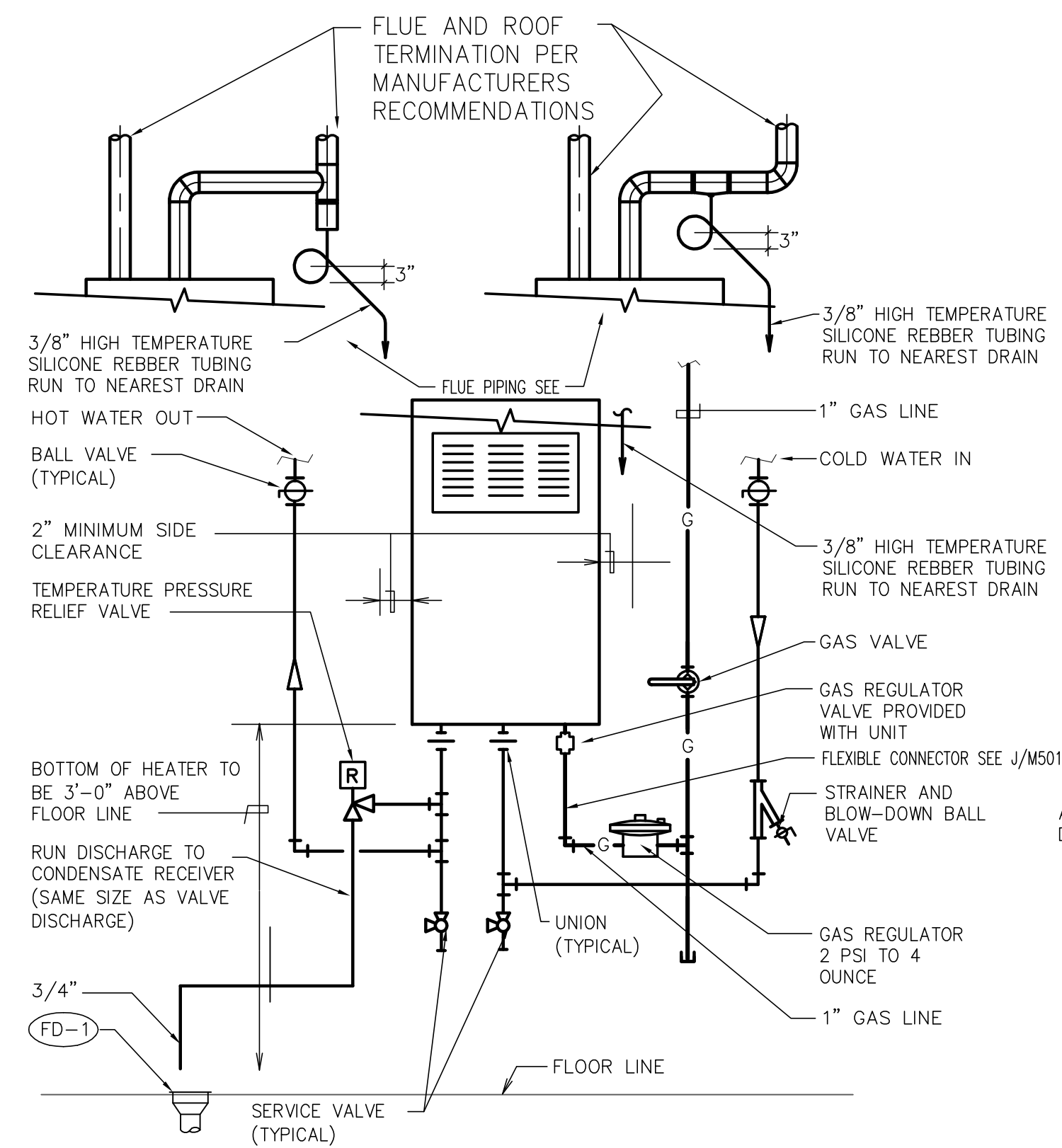
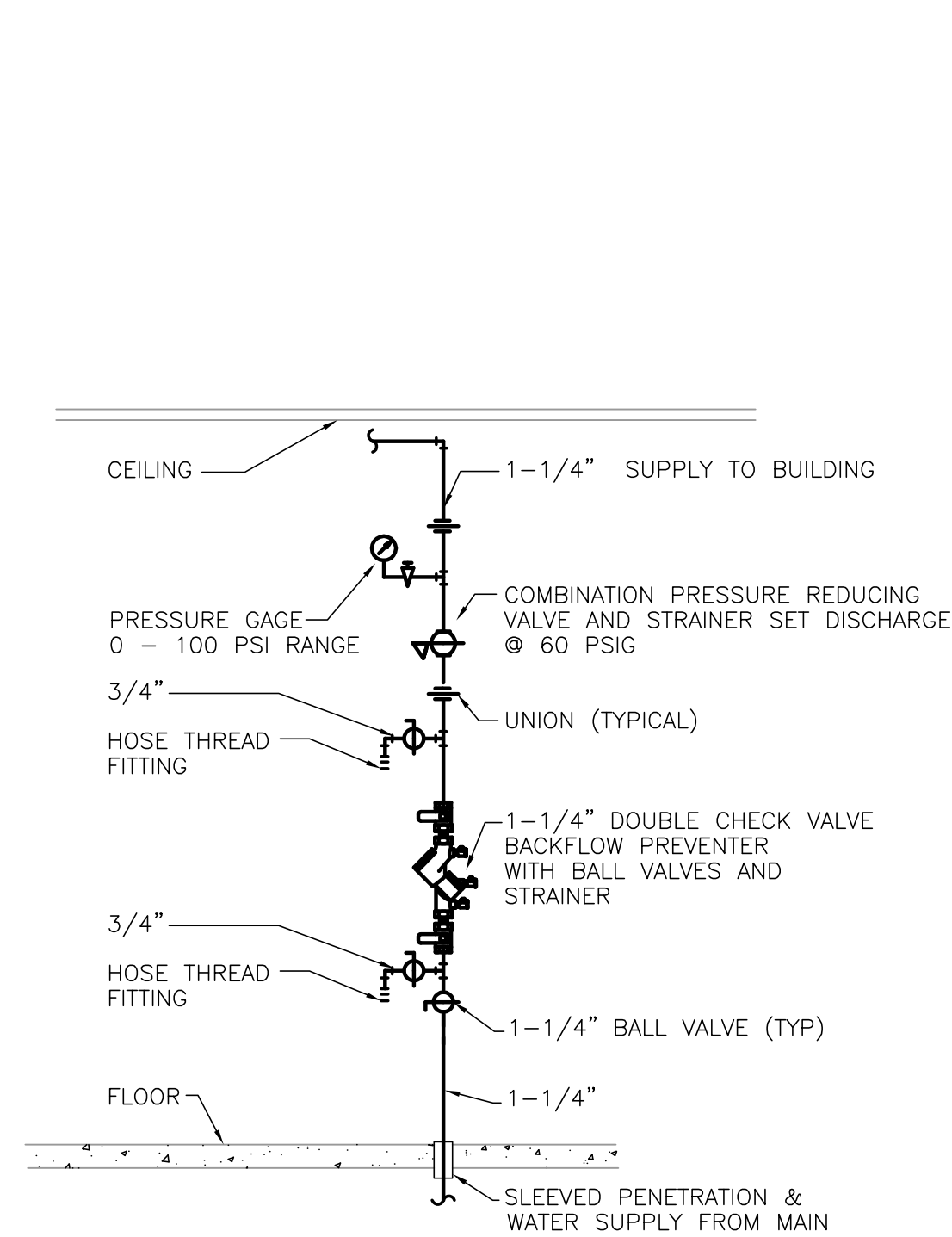
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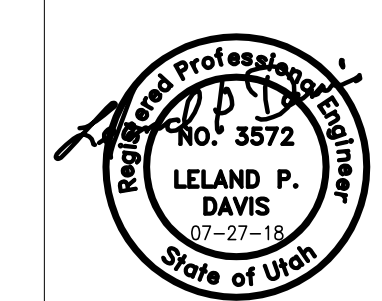


MARK	FIXTURE	PIPE SIZE					REMARKS	A.D.A.
		TRAP	WASTE	VENT	C.W.	HW		
WC-1	WATER CLOSET	INT	4"	2"	1/2"		TANK TYPE	
WC-2	WATER CLOSET	INT	4"	2"	1/2"		TANK TYPE	♿
L-1	LAVATORY	1-1/2"	1-1/2"	1-1/4"	1/2"	1/2"	19" DIAM. LAVATORY WITH 4" O.C. FAUCET HOLES WITH TRAP GUARD SEE	♿
FD-1	FLOOR DRAIN	2"	2"	1-1/2"				
ST-1	SHOWER				1/2"	1/2"	SHOWER TRIM & FITTINGS	
ST-2	SHOWER				1/2"	1/2"	SHOWER TRIM & FITTINGS	♿
HB-1	HOSE BIBB				3/4"		HOSE BIBB SERVICE FAUCET CHICAGO FAUCET 952	
BLB-1	DECK MOUNTED DRINKING FAUCET				1/2"		CHICAGO FAUCET 748-665ABCP	♿
MV-1					1-1/4"	1-1/4"	MOUNTED ADJACENT TO WH-1. SET DISCHARGE TEMPERATURE AT 110°F. MEETS ASSE 1017.	
WH-1	WATER HEATER				1-1/4"	1-1/4"	GAS FIRED, 199,000 BTU/HR. INPUT, SET DISCHARGE AT 140 F°, DIRECT VENT, INSTANTANEOUS TYPE. SEE DETAIL 3/P303.	

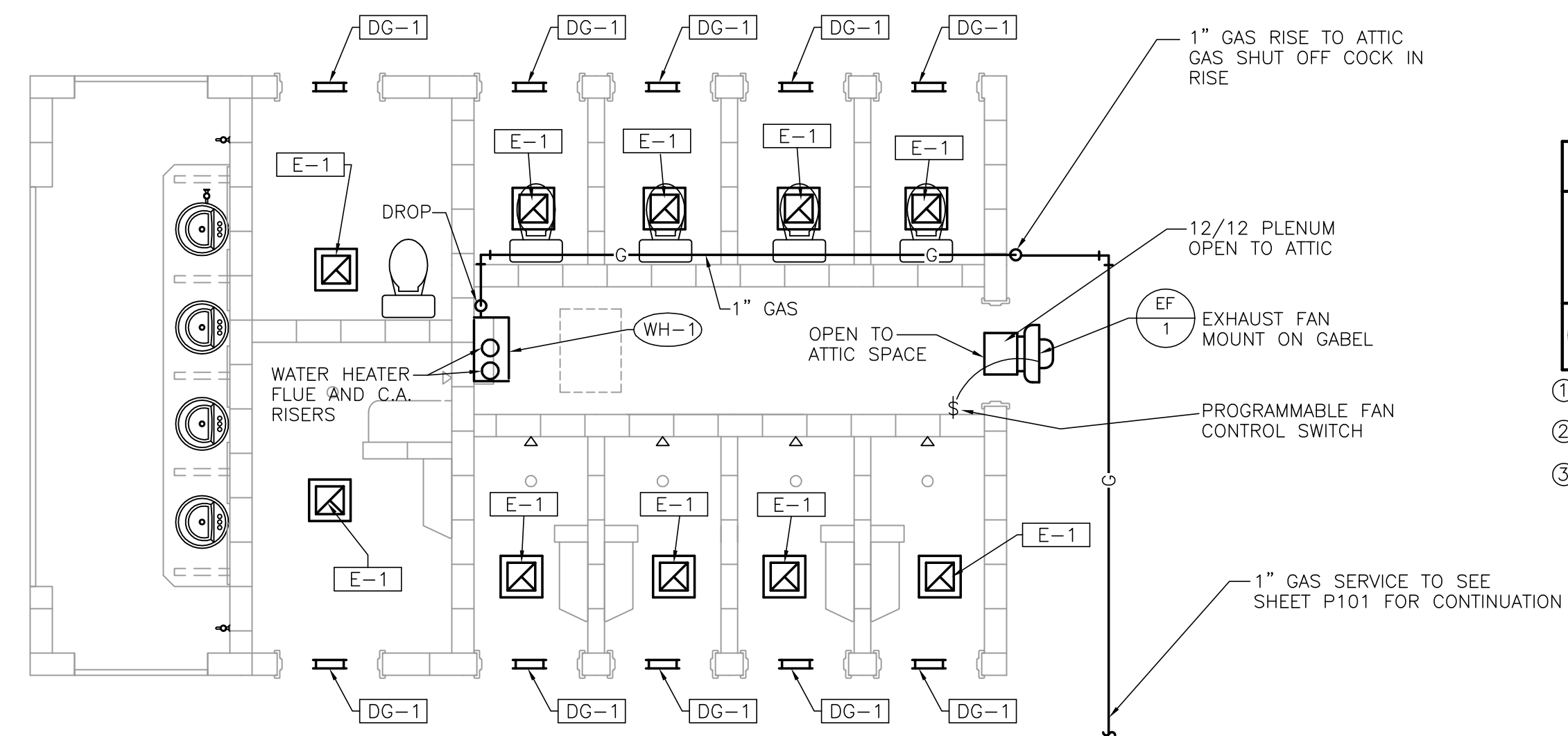
♿ DENOTES FIXTURE FOR PEOPLE WITH DISABILITIES.



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PLUMBING DETAIL
 06.01.18
 Project Number: 1313
 Property Number: 511-8336
 CAMP ZARAHEMLA
 RESTROOM/SHOWER
 6027 NORTH FORK ROAD
 LIBERTY, UTAH



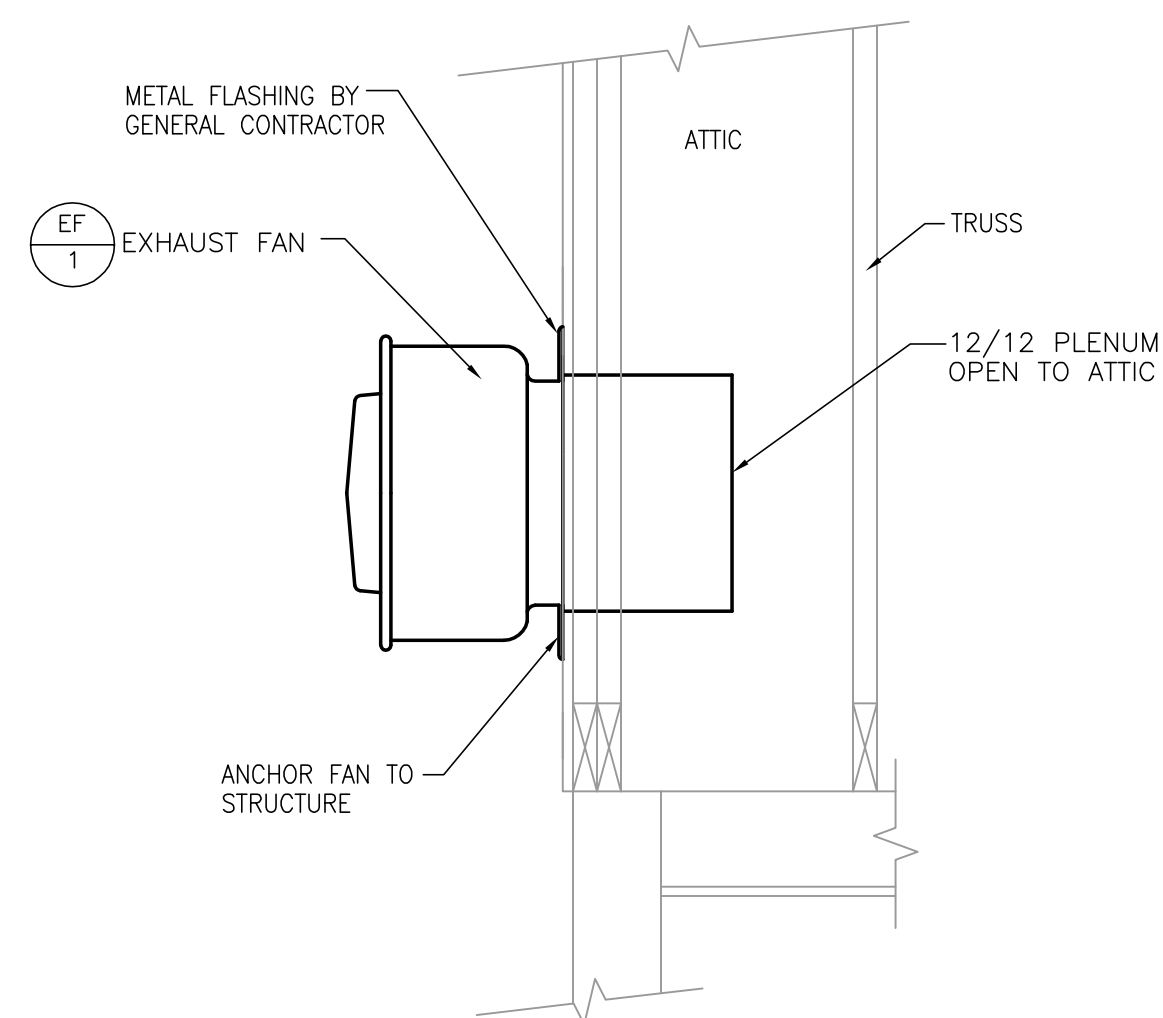
1 MECHANICAL EXHAUST AIR PLAN
 M101 SCALE 1/4"=1'-0"

EXHAUST FAN SCHEDULE											
MARK	CFM	STATIC PRESS. IN. W.G.	MAX FAN RPM	MOTOR					CONTROL	TYPE	MANUFACTURER & MODEL
				HP	PH	HZ	VOLT	RPM			
EF-1	750	.25	1550	1/8"	1	60	120	1550	PROGRAMMABLE TIMER	WALL	GREENHECK G095D

- ① FURNISH WITH BIRD SCREEN.
- ② FURNISH WITH BACK DRAFT DAMPER.
- ③ FURNISH WITH PROGRAMMABLE TIMER CONTROL. INTERMATIC ST01C, 24 HOUR 7 DAY DIGITAL TIMER WITH UP TO 40 ON/OFF EVENTS PER WEEK. SHALL HAVE BATTERY BACK UP AND MANUAL OVERRIDE.

GRILLE SCHEDULE				
MARK	TYPE	SERVICE	NECK SIZE	MANUFACTURERS CATALOG NUMBER
E-1	CEILING	EXHAUST AIR	8" X 8"	NAILOR 6145-HD
DG-1	DOOR	TRANSFER AIR	10" X 10"	NAILOR 61 DG

① WALL GRILLES DIMENSIONS LIST THE HORIZONTAL DIMENSION FIRST.



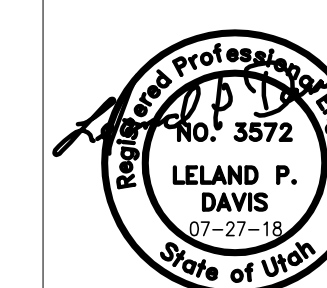
2 SIDE WALL EXHAUST FAN
 M101 NOT TO SCALE

MECHANICAL PLAN, SCHEDULES AND DETAILS

06.01.18
 Project Number: 1313
 Property Number: 511-8336

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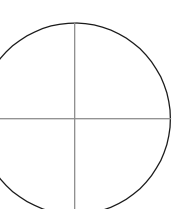
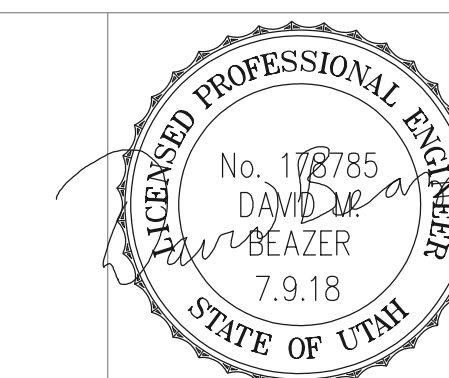
ELECTRICAL SITE PLAN

NOT TO SCALE
07.04.18
Project Number: 1313
Property Number: 511-8336

CAMP ZARHEMLA RESTROOM
AND SHOWER FACILITY
6027 N. NORTH FORK ROAD
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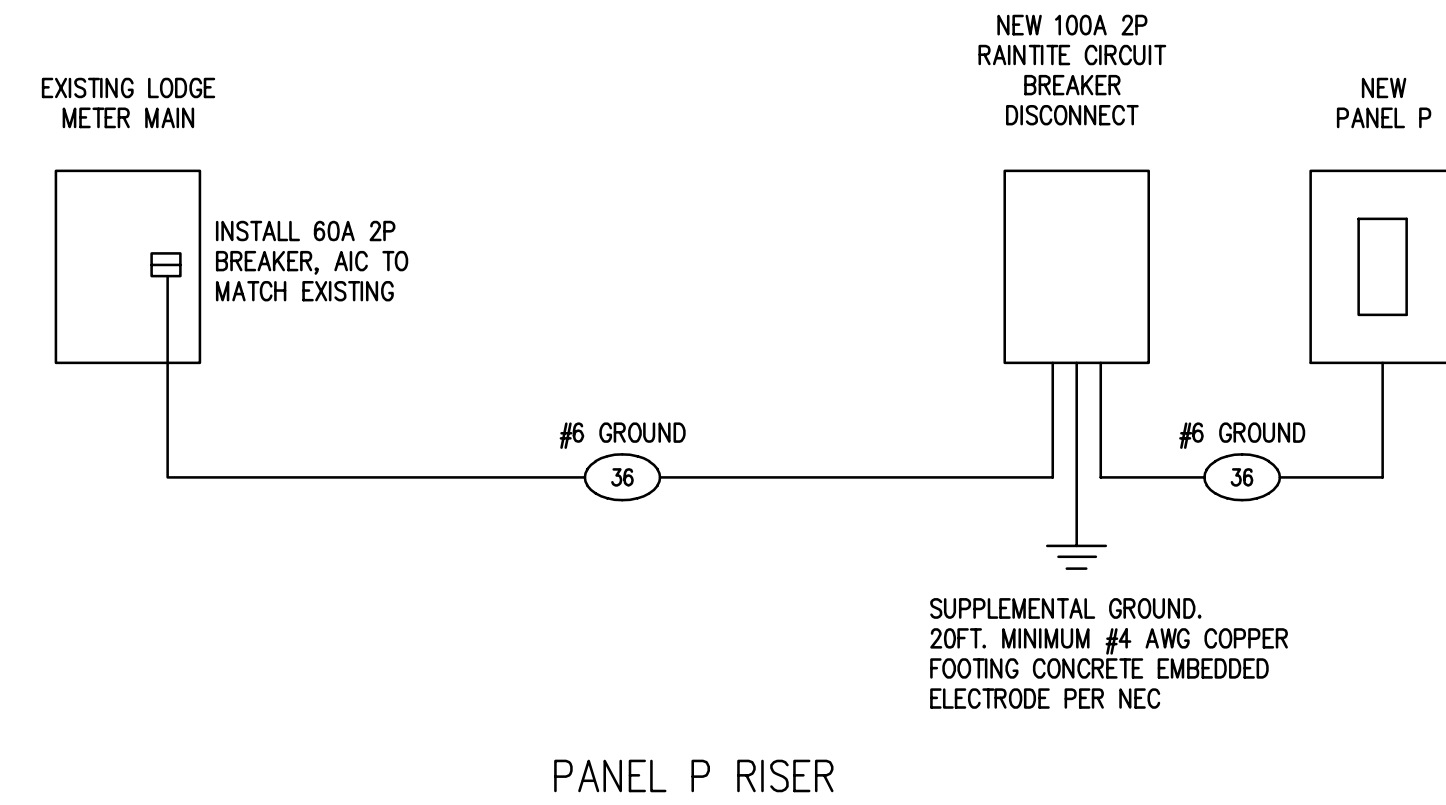
BEAZER ENGINEERING INC.
P.O. BOX 652
MILLVILLE, UTAH 84326
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david@beazer-engineering.com



SERVICE ENTRANCE & FEEDER CONDUIT-CONDUCTOR SCHEDULE					
TYPE	CONDUCTOR QUAN.	CONDUCTOR SIZE	COND SIZE	AMP	INSULATION
20	2	10	3/4	30	THHN, THWN, XHHW
30	3				
40	4				
28	2	8		40	
38	3		1		
48	4				
26	2	6		55	
36	3				
46	4		1 1/4		
34	3	4		70	
44	4				
33	3	3		85	
43	4				
311	3	1	1 1/2	110	
411	4		2		
310	3	1/0		150	
410	4				
320	3	2/0		175	
420	4				
330	3	3/0		200	
430	4		2 1/2		
340	3	4/0		230	
440	4				
325	3	250		255	
425	4		3		
335	3	350		310	
435	4				
350	3	500	3 1/2	380	
450	4				

PROVIDE GROUND IN ALL CONDUITS PER N.E.C. SIZE ACCORDING TO SERVICE OR EQUIPMENT GROUNDING TABLES, DEPENDING ON USE. EACH PARALLEL CONDUIT TO INCLUDED FULL SIZE GROUND.

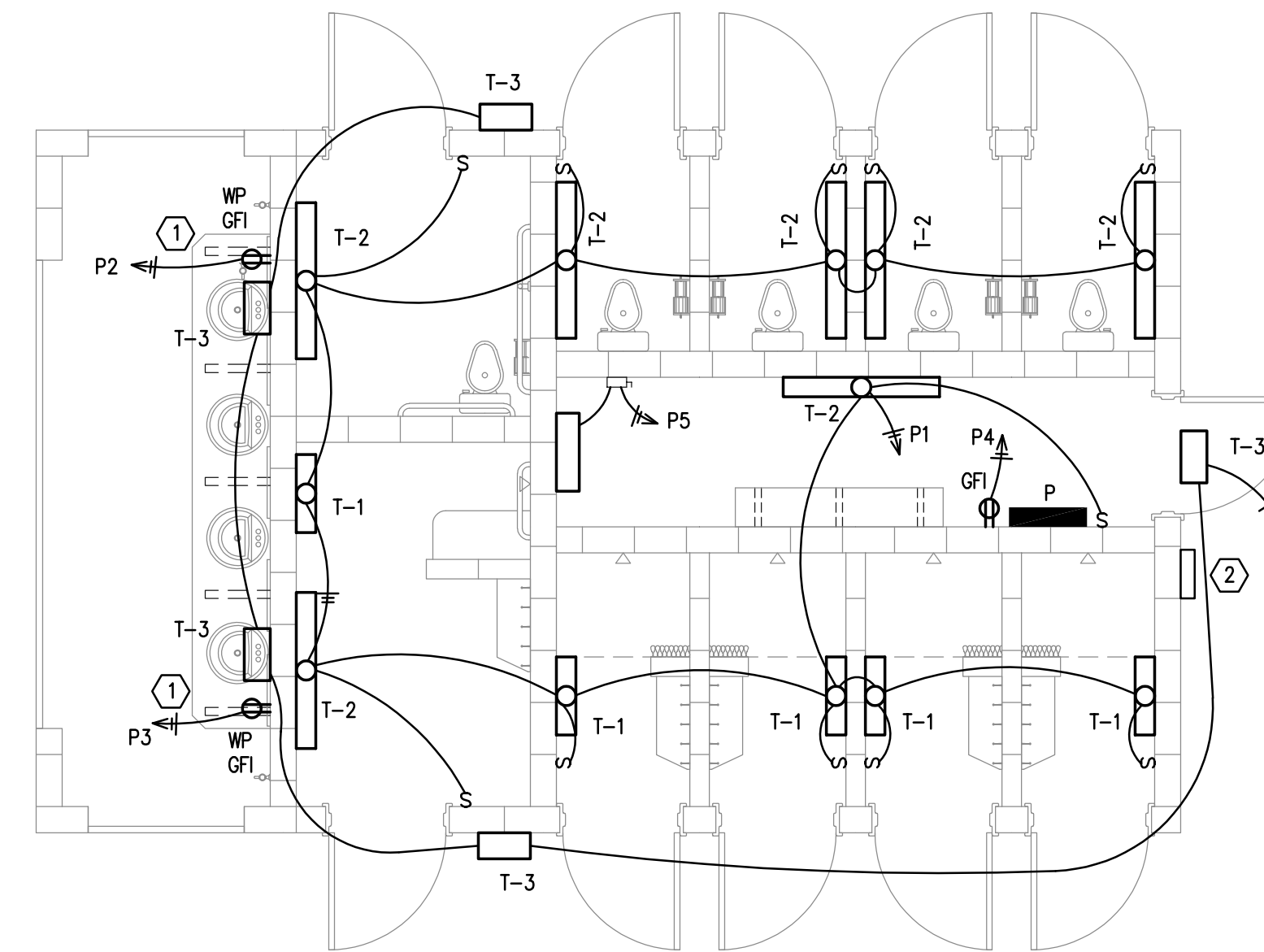
PANEL P		<input checked="" type="checkbox"/> NEW <input type="checkbox"/> EXISTING		TYPE	WIRE	VOLTS	LOCATION	MOUNTING											
		REMARKS						<input type="checkbox"/> flush <input checked="" type="checkbox"/> surface											
								<input type="checkbox"/> 60 amp. main											
								<input checked="" type="checkbox"/> lugs <input type="checkbox"/> breaker											
No.	BRKR	CIRCUIT DESCRIPTION	L	O	M	WIRE	CIRC. LOAD	PHASE	CIRC. LOAD	WIRE	L	O	M	CIRCUIT DESCRIPTION	BRKR	No.			
1	20	1				12	625	A	2125	1500	12			OUTLET	20	1			
3	20	1				12	1500	A	3000	1500	12			OUTLET	20	1			
5	20	1				12	100	A	100					SPACE		6			
7	20	1												SPACE		8			
9																10			
11																12			
13																14			
15																16			
17																18			
19																20			
21																22			
23																24			
TOTALS							2225		3000							AIC	10000		
FEEDER							#6 GROUND											parallel runs	1
							AMPS/PHASE	19	25										



LIGHT FIXTURE SCHEDULE			
TYPE	MANUFACTURER/CATALOG NO.	MOUNTING	LAMPS
T-1	LITHONIA VSL 217 MVOLT GEB10 DL	WALL	F017/830
T-2	LITHONIA VSL 232 MVOLT GEB10 DL	WALL	F032/830
T-3	LITHONIA WST LED P1 30K VF 120 PE VG CBA	WALL	LED (11W)

KEYED NOTES: (F)

1. Mount outlet above counter top, see Architectural.
2. 100 amp exterior disconnect.



ELECTRICAL FLOOR PLAN

1/4" = 1'-0"
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