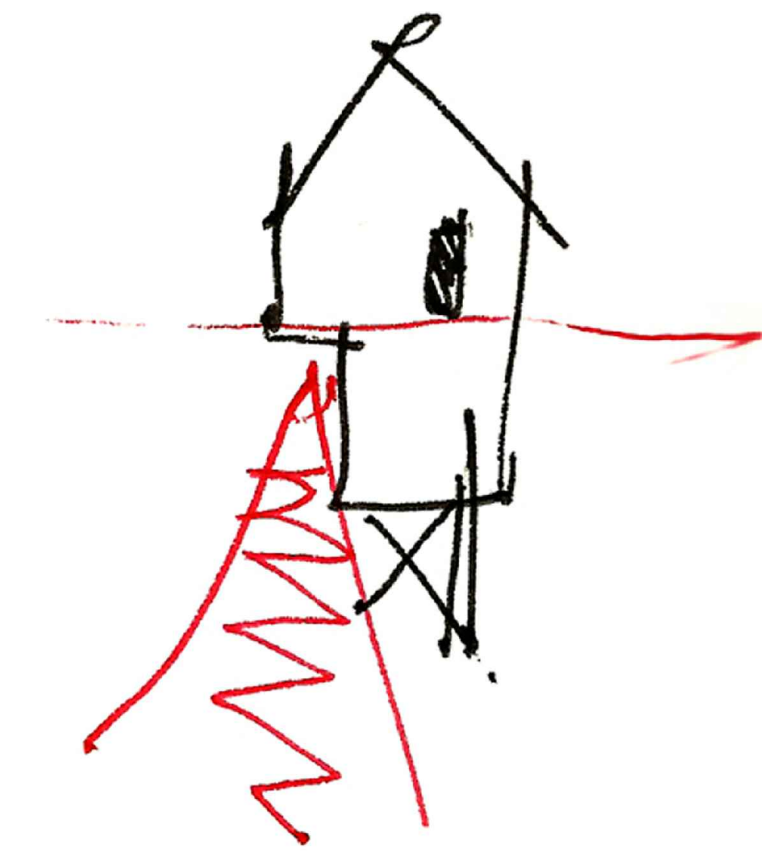


August 16, 2017

# Issued for Construction Revision 2



**MacKay-Lyons Sweetapple Architects Limited**  
 2188 Gottingen Street  
 Halifax, Nova Scotia Canada B3K 3B4  
 ph: (902) 429-1867 fax: (902) 429-6276

**Dynamic Structures Structural Engineers**  
 1887 N 1120 W  
 Provo, Utah, United States 84604  
 ph: (801) 356-1140

**Salmon Electrical Contractors Electrical Engineers**  
 1778 West 1180 South  
 Woods Cross, Utah, United States 84087  
 ph: (801) 292-3444

**Mountain Resort Builders LLC Construction Management**  
 3625 S. Honeycut Rd.  
 Salt Lake City, Utah, United States 84106  
 ph: (801) 699-4571 ph: (801) 259 9447

**Mechanical Systems and Service Inc. Mechanical Engineers**  
 1055 South 700 West  
 Salt Lake City, Utah, United States 84104  
 ph: (801) 255-9333 fax: (801) 924-8583

**Langvardt Design Group Landscape**  
 328 200 South  
 Salt Lake City, Utah, United States 84101  
 ph: (801) 583-1295

**Talisman Civil Engineers**  
 5217 S State St #200  
 Murray, Utah, United States 84107  
 ph: (801) 743-1300

CIVIL	ARCHITECTURAL	STRUCTURAL	MECHANICAL
C1.00 Civil Title Sheet	A001 Abbreviations, Key Plan & Partition Types	S0.1 General Note Sheet	MH001 Mechanical Legend and Notes
C1.01 General Notes, Key Notes and Legend	A100 Site Plan	S0.2 Special Inspection Sheet	MH101 Mechanical Floor Plans
C1.02 Overall Key Map	A101 Code Review, Fire Separation Plan & Height Restriction Chart	S0.3 Special Inspection Sheet	PP100 Plumbing Lower Plan - Below Floor
C2.00 Site and Utility Plan - West	A102 Room Finish Schedules	S1.1 Foundation Plan	PP101 Plumbing Floor Plans - Waste and Vent
C2.01 Site and Utility Plan - East	A200 Floor Plans	S1.2 Construction Details	PP102 Plumbing Floor Plans - Domestic
C2.02 Sanitary Sewer Plan and Profile	A201 Reflected Ceiling Plans	S2.1 Main Floor Framing Plan	PP501 Plumbing Details
C3.00 Grading and Drainage Plan - West	A300 Exterior Elevations	S2.2 Upper Floor and Roof Framing Plan	PP601 Plumbing Schedules
C3.01 Grading and Drainage Plan - East	A301 Exterior Elevations	S3.1 Main Floor and Upper Floor Shear Wall Plans	PP901 Plumbing Waste and Vent Isometric
C4.00 Erosion Control Plan - Overall	A400 Building Sections	S3.3 Construction Details	
C6.00 Details	A401 Building Sections	S4.1 Construction Details	
C6.01 Booster Pump Details	A500 Plan Details	S4.2 Construction Details	
C6.02 Booster Pump Details	A510 Section Details	S5.1 Construction Details	
C6.03 Sewer Ejector Details	A511 Section Details	S5.2 Construction Details	
C6.04 Details	A520 Flashing and Membrane Details	S6.1 Construction Details	
C6.05 Details	A600 Millwork		ELECTRICAL
C6.06 Guardrail Details	A601 Millwork		E301 Electrical Plan - Cabin 1000 Main & Lower Level
	A602 Millwork		
	A603 Millwork Details		
	A610 Stair		
	A700 Ramp Details		
	A900 Window/Door Schedule		

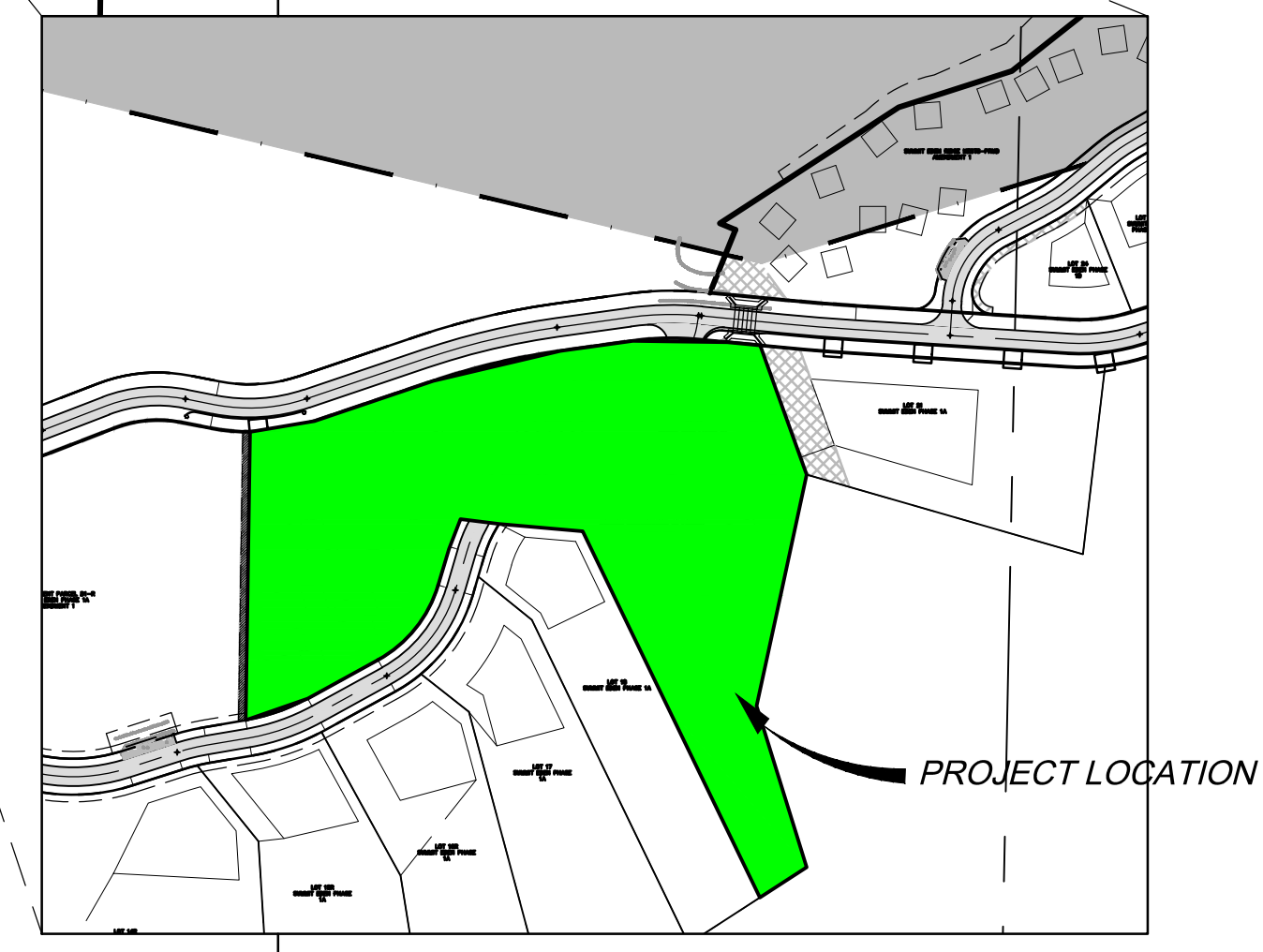
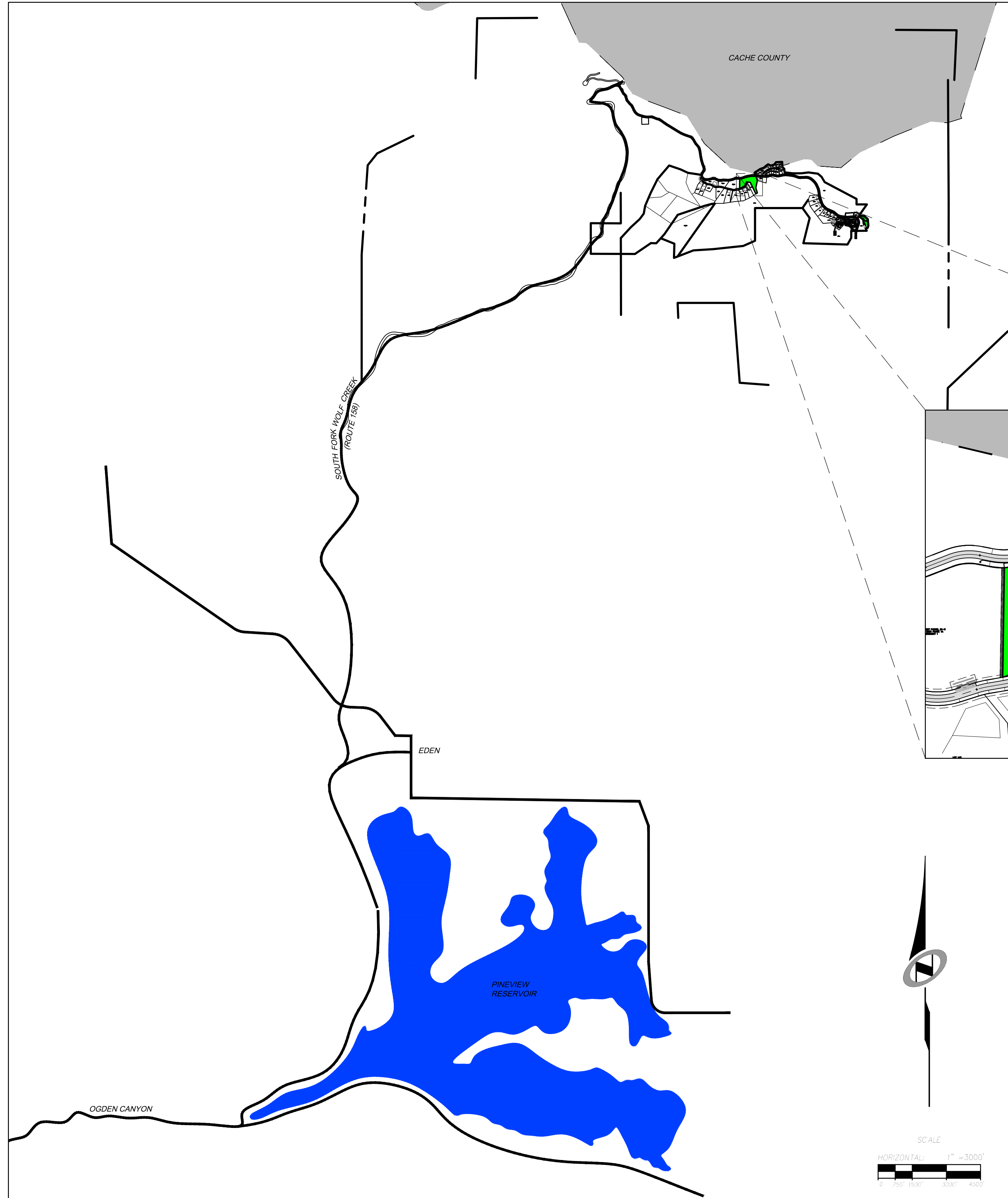


# Horizon Neighborhood Cabins

1000 SF Cabin  
 Summit Powder Mountain, Eden UT

# HORIZON NEIGHBORHOOD PRUD AT SUMMIT POWDER MOUNTAIN CONSTRUCTION DRAWINGS

Located in Sec 08 T7N R2E  
Weber County, Utah



**SHEET INDEX:**

SHEET NO.	SHEET DESCRIPTION
1.00	CIVIL TITLE SHEET
1.01	GENERAL NOTES, KEY NOTES, AND LEGEND
1.02	OVERALL KEY MAP
2.00	SITE AND UTILITY PLAN - WEST
2.01	SITE AND UTILITY PLAN - EAST
2.02	SANITARY SEWER PLAN AND PROFILE
3.00	GRADING AND DRAINAGE PLAN - WEST
3.01	GRADING AND DRAINAGE PLAN - EAST
4.00	EROSION CONTROL PLAN - OVERALL
6.00	DETAILS
6.01	BOOSTER PUMP DETAILS
6.02	BOOSTER PUMP DETAILS
6.03	SEWER EJECTOR DETAILS
6.04	DETAILS
6.05	DETAILS
6.05	GUARDRAIL DETAILS
	ELECTRICAL PLANS
E-01	LEGENDS, NOTES AND SCHEDULES
E-02	POWER ONE-LINE DIAGRAM
GE-01	ELECTRICAL DETAILS - 1

**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:

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<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
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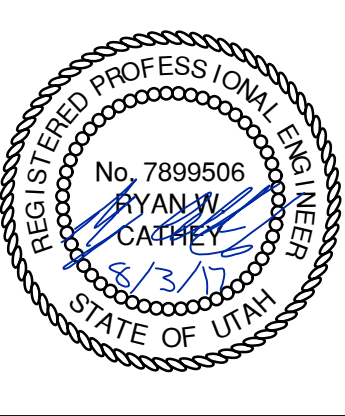
PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 08/24/17  
WEST COAST CODE CONSULTANTS, INC.



HORIZON NEIGHBORHOOD PRUD  
CIVIL TITLE SHEET

**TALISMAN**  
CIVIL CONSULTANTS  
MURRAY, UT 84407  
6217 SOUTH STATE STREET, SUITE 200  
801743.8000 TEL. 801743.0900 FAX



SHEET NUMBER  
**1.00**

SCALE  
VERTICAL: 1" = N/A  
HORIZONTAL: 1" = 3000'

JOB NUMBER  
**SLB0793**

DATE SUBMITTED: 08.03.2017

PREPARED FOR: SUMMIT POWDER MOUNTAIN

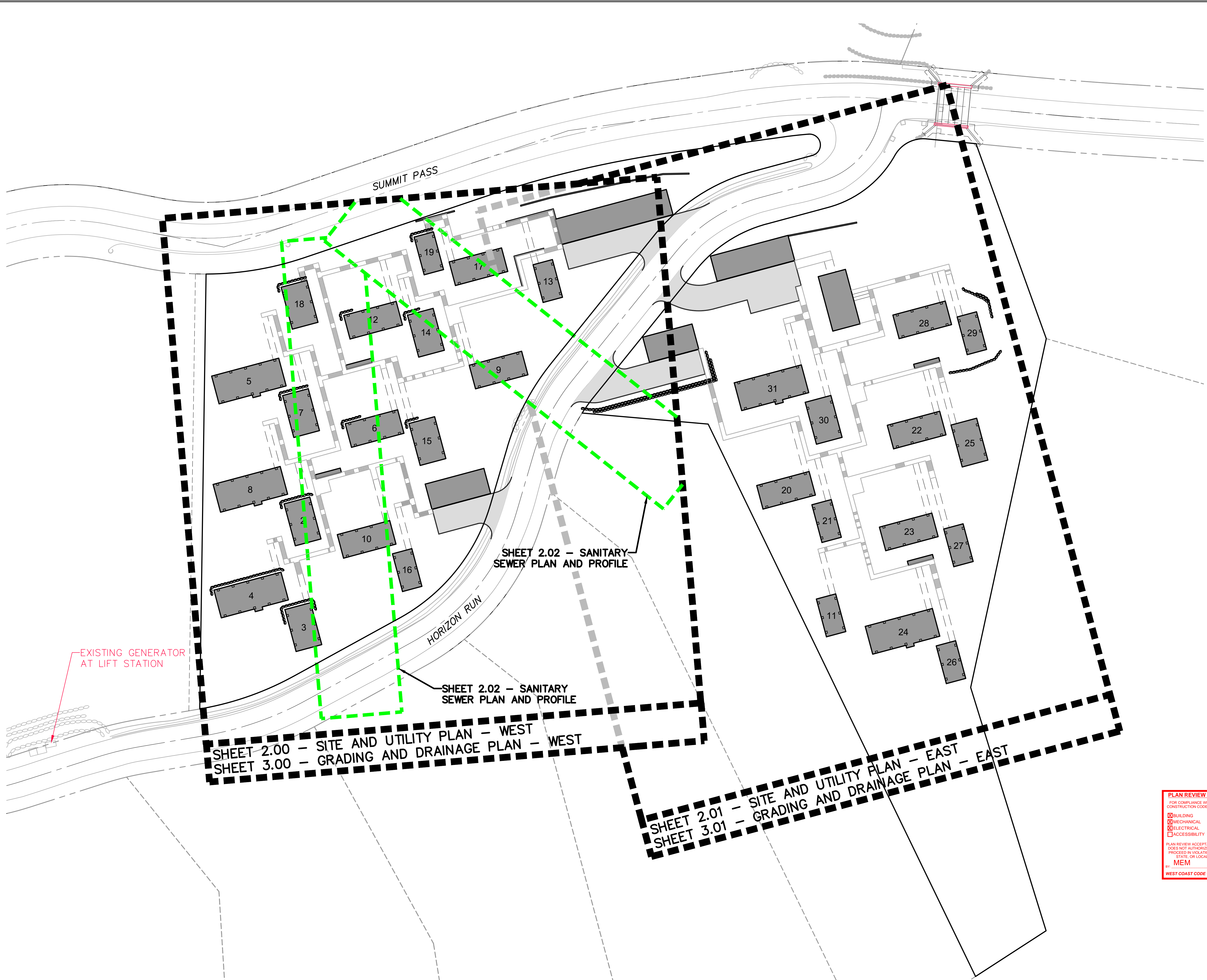
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JOSH  
XREFS:

NO.	BY	DATE	REVISIONS

CAUTION: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans and must be approved by the preparer of these plans.



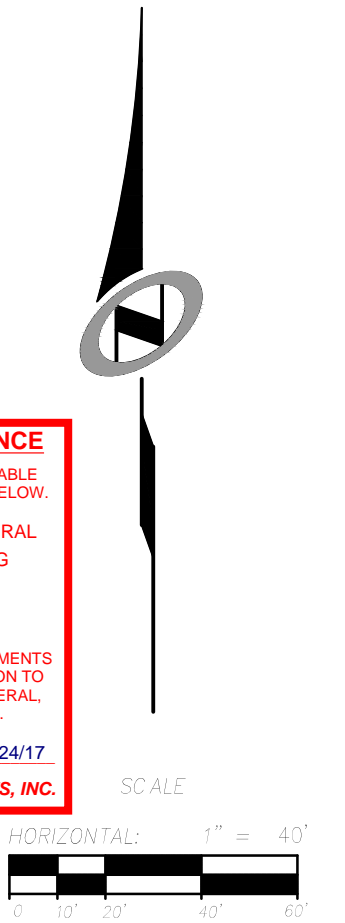


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MEM  
 DATE: 08/24/17  
 WEST COAST CODE CONSULTANTS, INC.



SCALE  
 HORIZONTAL: 1" = 40'  
 VERTICAL: 1" = N/A

NO.	BY	DATE	REVISIONS

**HORIZON NEIGHBORHOOD PRUD**  
**OVERALL KEY MAP**

PREPARED FOR: SUMMIT POWDER MOUNTAIN

DATE SUBMITTED: 08.03.2017

**TALISMAN**  
 CIVIL CONSULTANTS

MURRAY, UT 84407  
 5217 SOUTH STATE STREET, SUITE 200  
 801743.8800 TEL. 801743.0800 FAX

REGISTERED PROFESSIONAL ENGINEER  
 No. 7899506  
 RYAN W. CATHEY  
 8/3/17  
 STATE OF UTAH

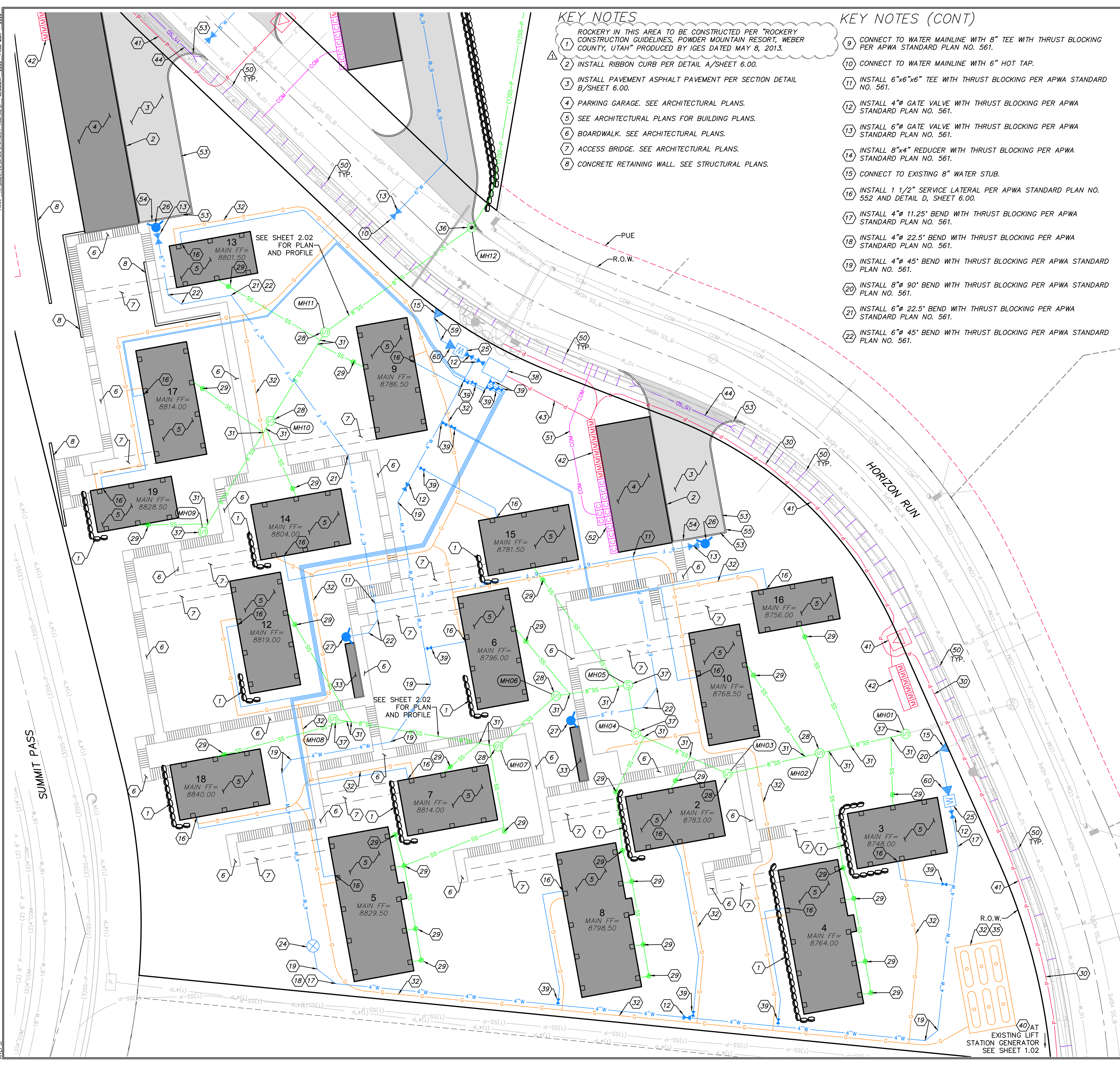
SHEET NUMBER  
**1.02**

JOB NUMBER  
**SLB0793**

CAUTION  
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 these plans. Any such changes or uses must be approved by the preparer of these plans.

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JOSH B. XEREZ:



**KEY NOTES**

- 1 ROCKERY IN THIS AREA TO BE CONSTRUCTED PER "ROCKERY CONSTRUCTION GUIDELINES, POWDER MOUNTAIN RESORT, WEBER COUNTY, UTAH" PRODUCED BY IGES DATED MAY 8, 2013.
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- 3 INSTALL PAVEMENT ASPHALT PAVEMENT PER SECTION DETAIL B/SHEET 6.00.
- 4 PARKING GARAGE. SEE ARCHITECTURAL PLANS.
- 5 SEE ARCHITECTURAL PLANS FOR BUILDING PLANS.
- 6 BOARDWALK. SEE ARCHITECTURAL PLANS.
- 7 ACCESS BRIDGE. SEE ARCHITECTURAL PLANS.
- 8 CONCRETE RETAINING WALL. SEE STRUCTURAL PLANS.

**KEY NOTES (CONT)**

- 9 CONNECT TO WATER MAINLINE WITH 8" TEE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- 10 CONNECT TO WATER MAINLINE WITH 6" HOT TAP.
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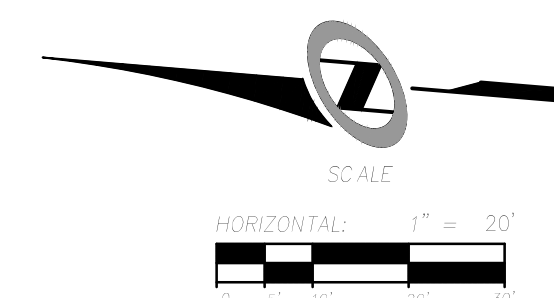
**KEY NOTES (CONT)**

- 23 INSTALL 4" WASHOUT VALVE PER APWA STANDARD PLAN NO. 571.
- 24 INSTALL AIR RELEASE ASSEMBLY PER APWA STANDARD PLAN NO. 575.
- 25 CONSTRUCT 4" METER PER APWA STANDARD PLAN NO. 523.
- 26 INSTALL FIRE DEPARTMENT CONNECTION PER DETAIL E/SHEET 6.00. COORDINATE WITH WEBER COUNTY FIRE MARSHAL.
- 27 INSTALL STAND PIPE PER DETAIL E/SHEET 6.00.
- 28 INSTALL 4" SANITARY SEWER MANHOLE PER APWA STANDARD PLAN NO. 411 WITH DEEP DROP INLET PER APWA STANDARD PLAN NO. 433.
- 29 INSTALL 4" SANITARY SEWER LATERAL AND CLEANOUT PER APWA STANDARD PLAN NO. 431 AND DETAIL D, SHEET 6.00.
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- 37 INSTALL 4" SANITARY SEWER MANHOLE PER APWA STANDARD PLAN NO. 411.
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- 39 INSTALL 1 1/2" BALL VALVE.
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- 41 ELECTRICAL POWER CONDUIT, TRANSFORMERS AND PULL BOXES. SEE SALMON ELECTRICAL PLANS.
- 42 POWER METER BASE AND MAIN CIRCUIT BREAKER, SEE SALMON ELECTRICAL PLANS.
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- 45 INSTALL E/ONE GRINDER PUMP STATION MODEL DH071. WITH E/ONE SENTRY ALARM PANEL INCLUDING GENERATOR RECEPTACLE WITH AUTO TRANSFER AND GFCI RECEPTACLE. ALARM PANELS SHALL BE INSTALLED WITHIN LINE OF SIGHT OF ENTRY TO UNIT. SEE DETAIL SHEET 6.03.
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- 54 CONSTRUCT CURB TRANSITION.
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**PLAN REVIEW ACCEPTANCE**  
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 BY: MEM DATE: 08/24/17  
 WEST COAST CODE CONSULTANTS, INC.



**HORIZON NEIGHBORHOOD PRUD  
 SITE AND UTILITY PLAN - WEST**

**TALISMAN**  
 CIVIL CONSULTANTS

5617 SOUTH STATE STREET, SUITE 200  
 801743.8800 TEL. 801743.0800 FAX

MURRAY, UT 84407

REGISTERED PROFESSIONAL ENGINEER  
 No. 7899506  
 RYAN W. CATHEY  
 8/3/17  
 STATE OF UTAH

SHEET NUMBER  
**2.00**

SCALE  
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 HORIZONTAL: 1" = 20'

JOB NUMBER  
**SLB0793**

REVISIONS: #111  
 DATE: 08/03/2017  
 ADDRESS: UNIT REVIEW COMMENTS

NO. BY DATE

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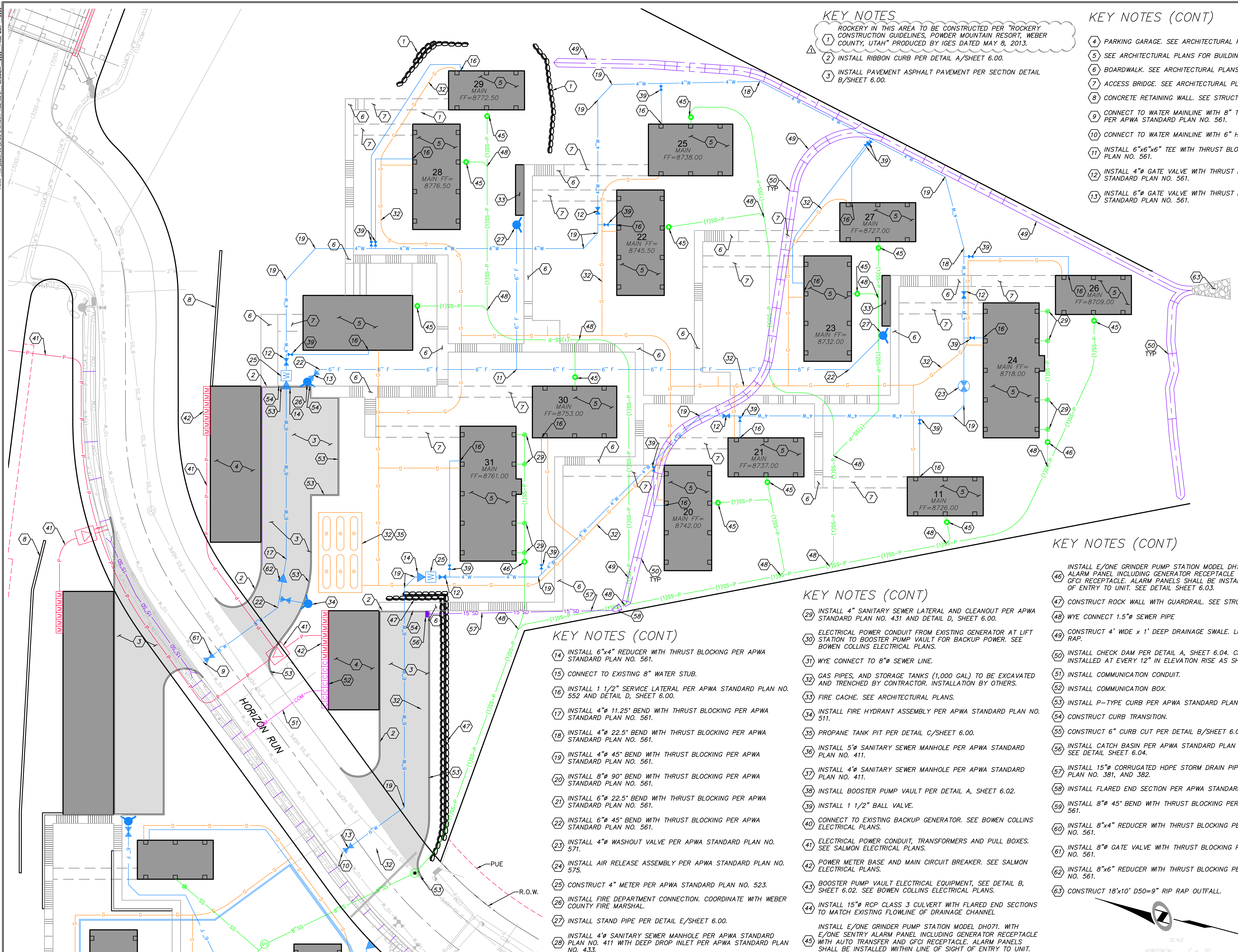
DATE SUBMITTED: 08.03.2017

PREPARED FOR: SUMMIT POWDER MOUNTAIN

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 PATH: N:\S\B0793\CAD\HORIZON VILLAGE VP DESIGNED: JHH PROJ. NO: 17000

JOSH  
 XREFS:



**KEY NOTES**

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**KEY NOTES (CONT)**

- 4 PARKING GARAGE. SEE ARCHITECTURAL PLANS.
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**KEY NOTES (CONT)**

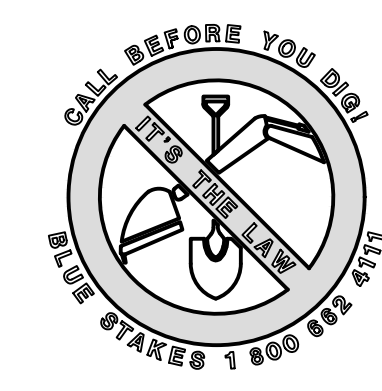
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**KEY NOTES (CONT)**

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- 62 INSTALL 8"x6" REDUCER WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- 63 CONSTRUCT 18'x10' D50=9" RIP RAP OUTFALL.

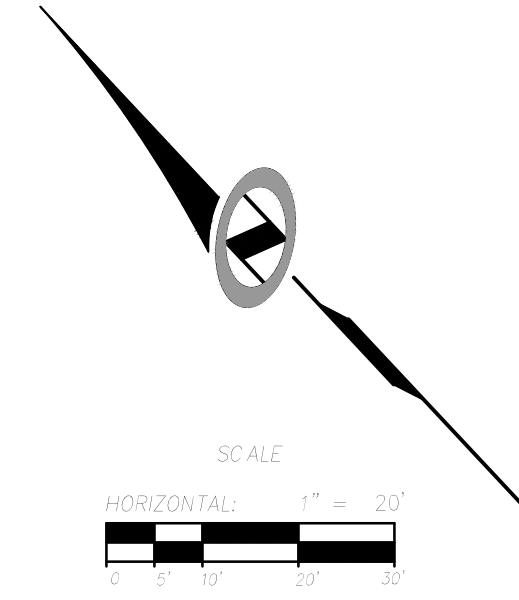
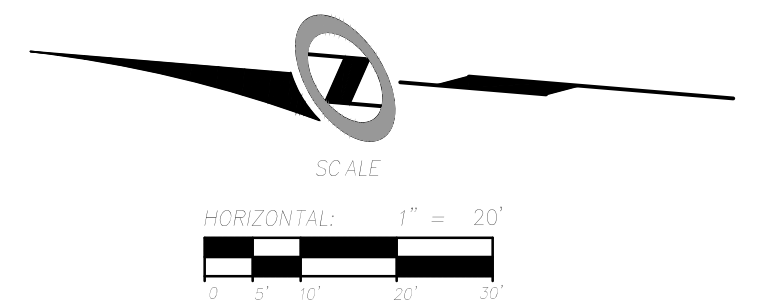
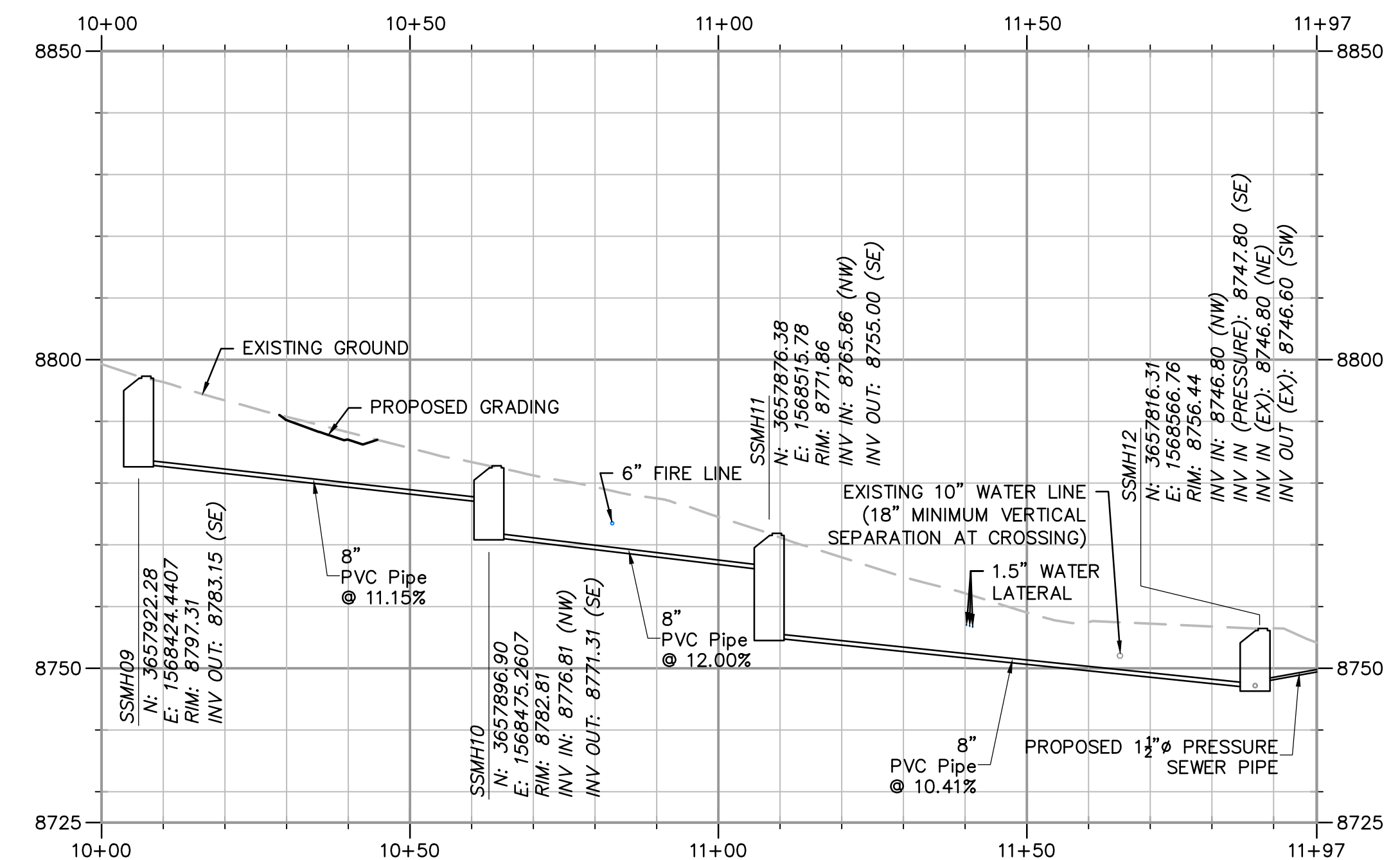
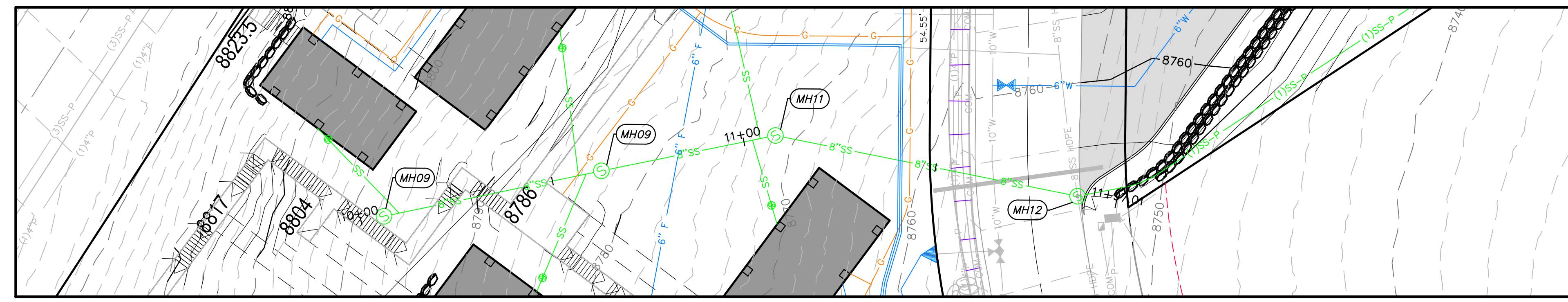
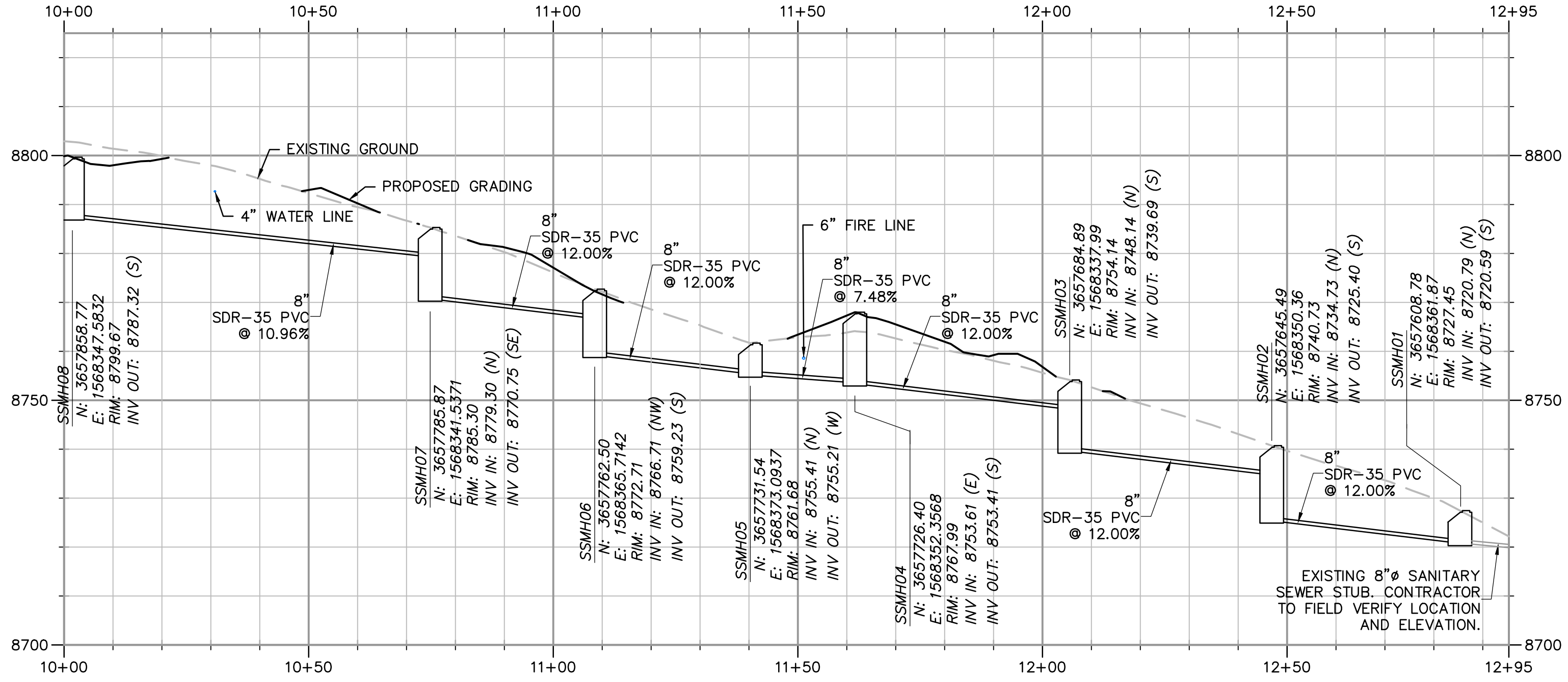
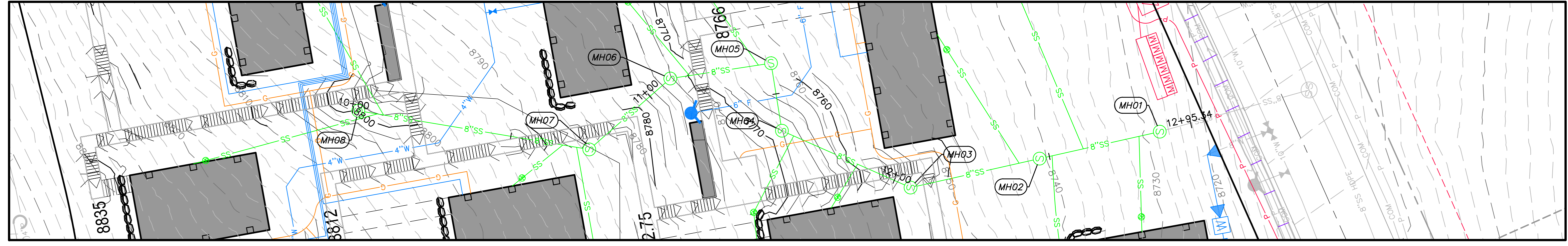


HORIZON NEIGHBORHOOD PRUD  
 SITE AND UTILITY PLAN - EAST  
 PREPARED FOR: SUMMIT POWDER MOUNTAIN  
 DATE SUBMITTED: 08.03.2017

TALISMAN  
 CIVIL CONSULTANTS  
 6217 SOUTH STATE STREET, SUITE 200  
 801743.8000 TEL. 801743.0800 FAX  
 MURRAY, UT 84407

SHEET NUMBER  
**2.01**  
 SCALE  
 VERTICAL: 1" = N/A  
 HORIZONTAL: 1" = 20'  
 JOB NUMBER  
**SLB0793**

The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. Any such changes or uses must be approved by the preparer of these plans.



**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:  
 BUILDING  STRUCTURAL  
 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE  
 PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
 BY: MEM DATE: 08/24/17  
 WEST COAST CODE CONSULTANTS, INC.



NO.	BY	DATE	REVISIONS

# HORIZON NEIGHBORHOOD PRUD SANITARY SEWER PLAN AND PROFILE

**TALISMAN**  
 CIVIL CONSULTANTS  
 6217 SOUTH STATE STREET, SUITE 200  
 801743.8000 TEL. 801743.0800 FAX  
 MURRAY, UT 84407

SHEET NUMBER  
**2.02**

SCALE  
 VERTICAL: 1" = N/A  
 HORIZONTAL: 1" = 20'  
 JOB NUMBER  
**SLB0793**

CAUTION  
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DATE SUBMITTED: 08.03.2017

PREPARED FOR: SUMMIT POWDER MOUNTAIN

DATE: 8/2/17 TIME: 1:05:11 PM DRAWING: GRADING AND DRAINAGE PLAN - WEST  
 SERVER: NONE PAGE SETUP: PPT-130-24-38 LAYOUT: 1  
 PATH: N:\SLB0793\CAD\HORIZON VILLAGE VP - RESORCE - 1111 PROJ. NO: 1111

JOSH  
 XREFS:



ABBREVIATIONS:

BC	BUILDING
BK	BOARDWALK
BS	BOTTOM OF STAIRS
BW	BOTTOM OF WALL
EX	EXISTING
FG	FINISHED GRADE
FL	FLOWLINE
TC	TOP OF CURB
TS	TOP OF STAIRS
TW	TOP OF WALL

# HORIZON NEIGHBORHOOD PRUD

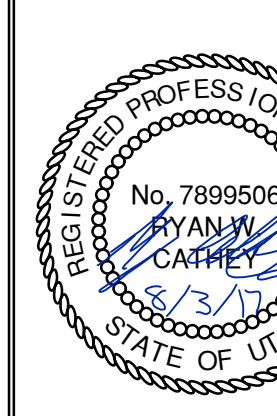
## GRADING AND DRAINAGE PLAN - WEST

PREPARED FOR: SUMMIT POWDER MOUNTAIN

DATE SUBMITTED: 08.03.2017

**TALISMAN**  
 CIVIL CONSULTANTS

5817 SOUTH STATE STREET, SUITE 200  
 801743.8000 TEL. 801743.0800 FAX



SHEET NUMBER  
**3.00**

SCALE  
 VERTICAL: 1" = N/A  
 HORIZONTAL: 1" = 20'

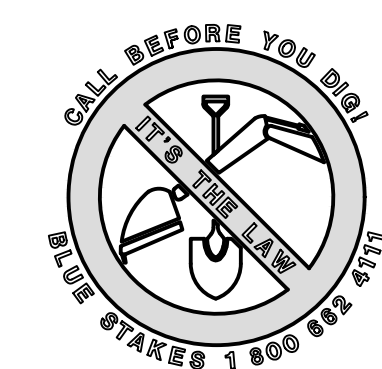
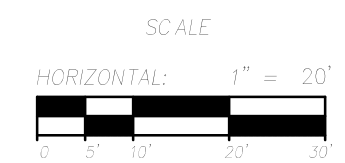
JOB NUMBER  
**SLB0793**

**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

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<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 08/24/17  
 WEST COAST CODE CONSULTANTS, INC.



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DATE: 8/2/17 TIME: 1:07:33 PM DRAWING: GRADING AND DRAINAGE PLAN - EAST JOB NO: 082417  
 SERVER: NONE PLOT: 082417.DWG LAYOUT: 082417.DWG  
 PATH: N:\SLB0793\CAD\HORIZON VILLAGE V.P. DESIGNED: JMM DRAWN: JMM

MATCHLINE - SEE THIS SHEET

ABBREVIATIONS:

BC	BUILDING
BK	BOARDWALK
BS	BOTTOM OF STAIRS
BW	BOTTOM OF WALL
EX	EXISTING
FG	FINISHED GRADE
FL	FLOWLINE
TC	TOP OF CURB
TS	TOP OF STAIRS
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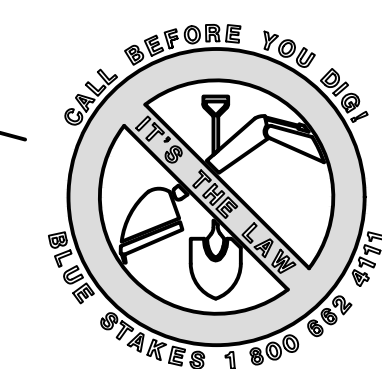
MATCHLINE - SEE THIS SHEET

**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE  
 CONSTRUCTION CODES IDENTIFIED BELOW.

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<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS  
 DOES NOT AUTHORIZE CONSTRUCTION TO  
 PROCEED IN VIOLATION OF ANY FEDERAL,  
 STATE, OR LOCAL REGULATIONS.

MEM 082417  
 WEST COAST CODE CONSULTANTS, INC.

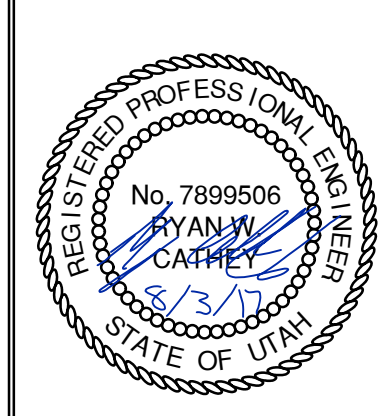


**HORIZON NEIGHBORHOOD PRUD**  
**GRADING AND DRAINAGE PLAN - EAST**

**TALISMAN**  
 CIVIL CONSULTANTS

5217 SOUTH STATE STREET, SUITE 200  
 801743.8000 TEL. 801743.0800 FAX

MURRAY, UT 84407



SHEET NUMBER	3.01
SCALE	VERTICAL: 1" = N/A HORIZONTAL: 1" = 20'
JOB NUMBER	SLB0793

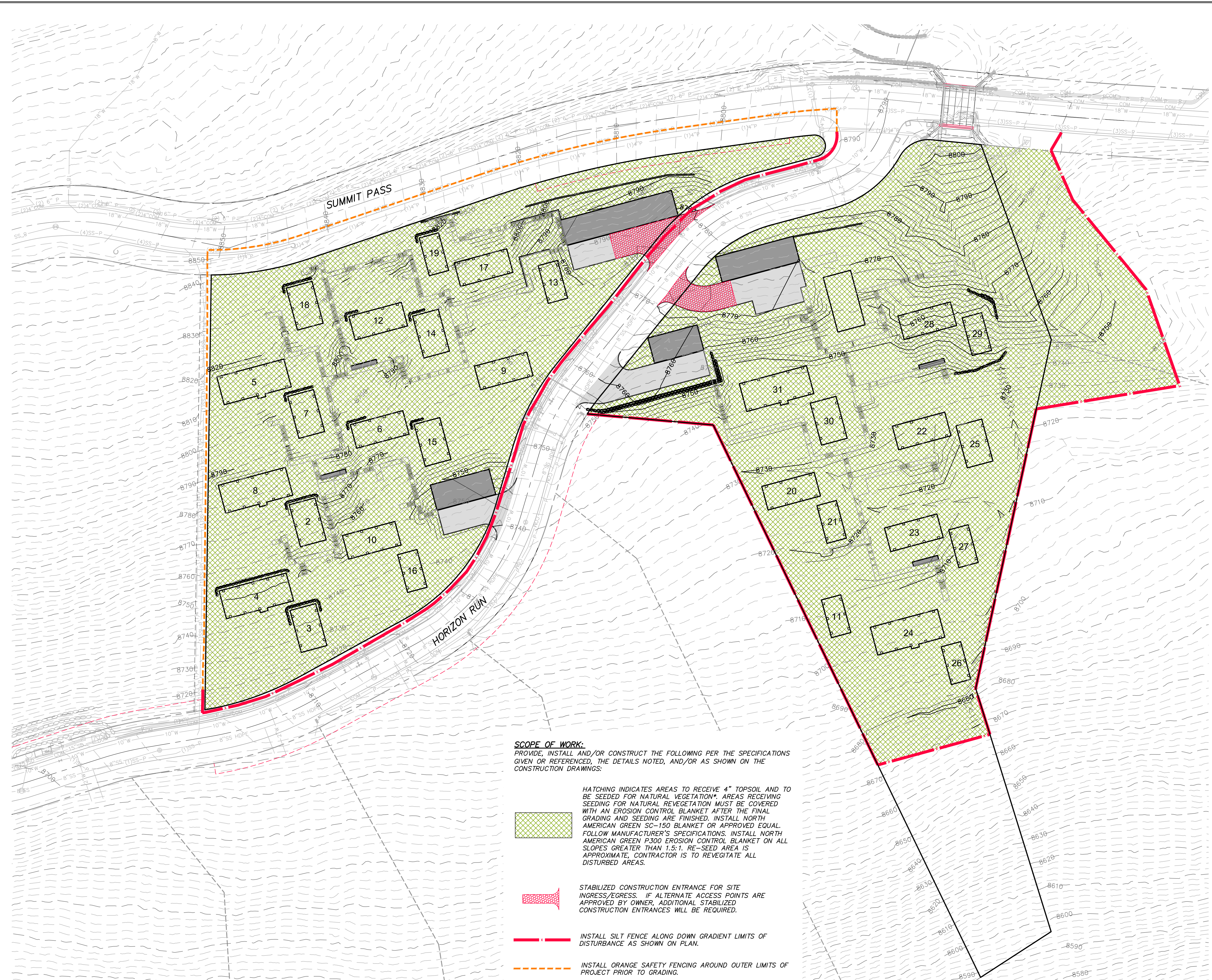
PREPARED FOR: SUMMIT POWDER MOUNTAIN

DATE SUBMITTED: 08.03.2017

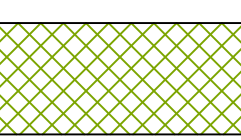
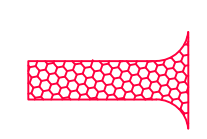


NO. BY DATE REVISIONS


The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans unless they are specifically approved by the engineer.

JOSH  
 XREFS:



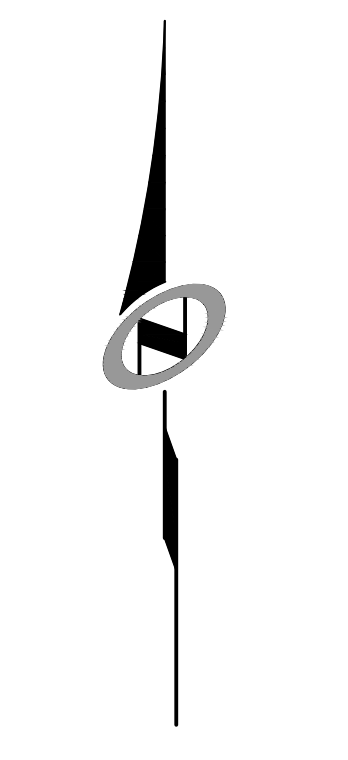
**SCOPE OF WORK:**  
 PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

-  HATCHING INDICATES AREAS TO RECEIVE 4" TOPSOIL AND TO BE SEED FOR NATURAL VEGETATION\*. AREAS RECEIVING SEEDING FOR NATURAL REVEGETATION\* MUST BE COVERED WITH AN EROSION CONTROL BLANKET AFTER THE FINAL GRADING AND SEEDING ARE FINISHED. INSTALL NORTH AMERICAN GREEN SC-150 BLANKET OR APPROVED EQUAL. FOLLOW MANUFACTURER'S SPECIFICATIONS. INSTALL NORTH AMERICAN GREEN P300 EROSION CONTROL BLANKET ON ALL SLOPES GREATER THAN 1.5:1. RE-SEED AREA IS APPROXIMATE. CONTRACTOR IS TO REVEGITATE ALL DISTURBED AREAS.
-  STABILIZED CONSTRUCTION ENTRANCE FOR SITE INGRESS/EGRESS. IF ALTERNATE ACCESS POINTS ARE APPROVED BY OWNER, ADDITIONAL STABILIZED CONSTRUCTION ENTRANCES WILL BE REQUIRED.
-  INSTALL SILT FENCE ALONG DOWN GRADIENT LIMITS OF DISTURBANCE AS SHOWN ON PLAN.
-  INSTALL ORANGE SAFETY FENCING AROUND OUTER LIMITS OF PROJECT PRIOR TO GRADING.

**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input checked="" type="checkbox"/> ACCESSIBILITY	<input checked="" type="checkbox"/> FIRE

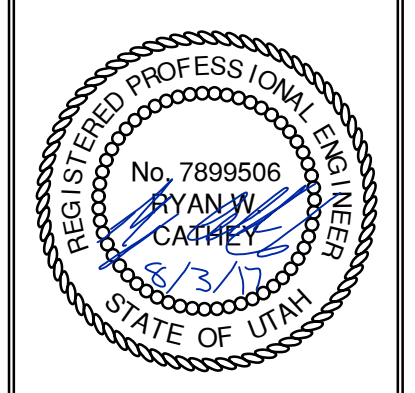
PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
 BY: MEM DATE: 08/24/17  
 WEST COAST CODE CONSULTANTS, INC.



NO.	BY	DATE	REVISIONS

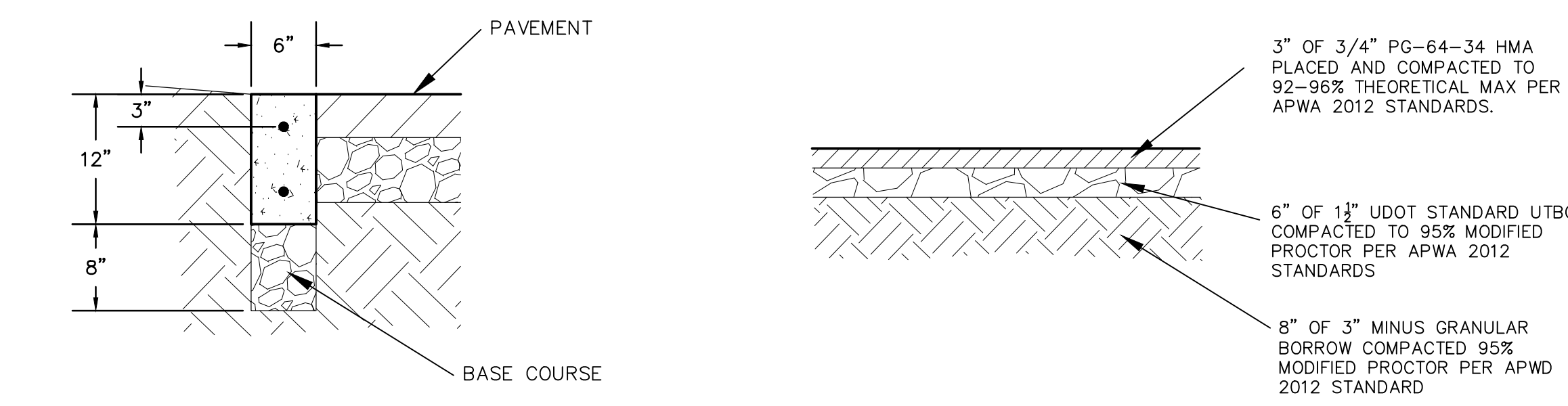
**HORIZON NEIGHBORHOOD PRUD**  
**EROSION CONTROL PLAN - OVERALL**  
 PREPARED FOR: SUMMIT POWDER MOUNTAIN  
 DATE SUBMITTED: 08.03.2017

**TALISMAN**  
 CIVIL CONSULTANTS  
 MURRAY, UT 84007  
 5217 SOUTH STATE STREET, SUITE 200  
 801743.8000 TEL. 801743.0900 FAX



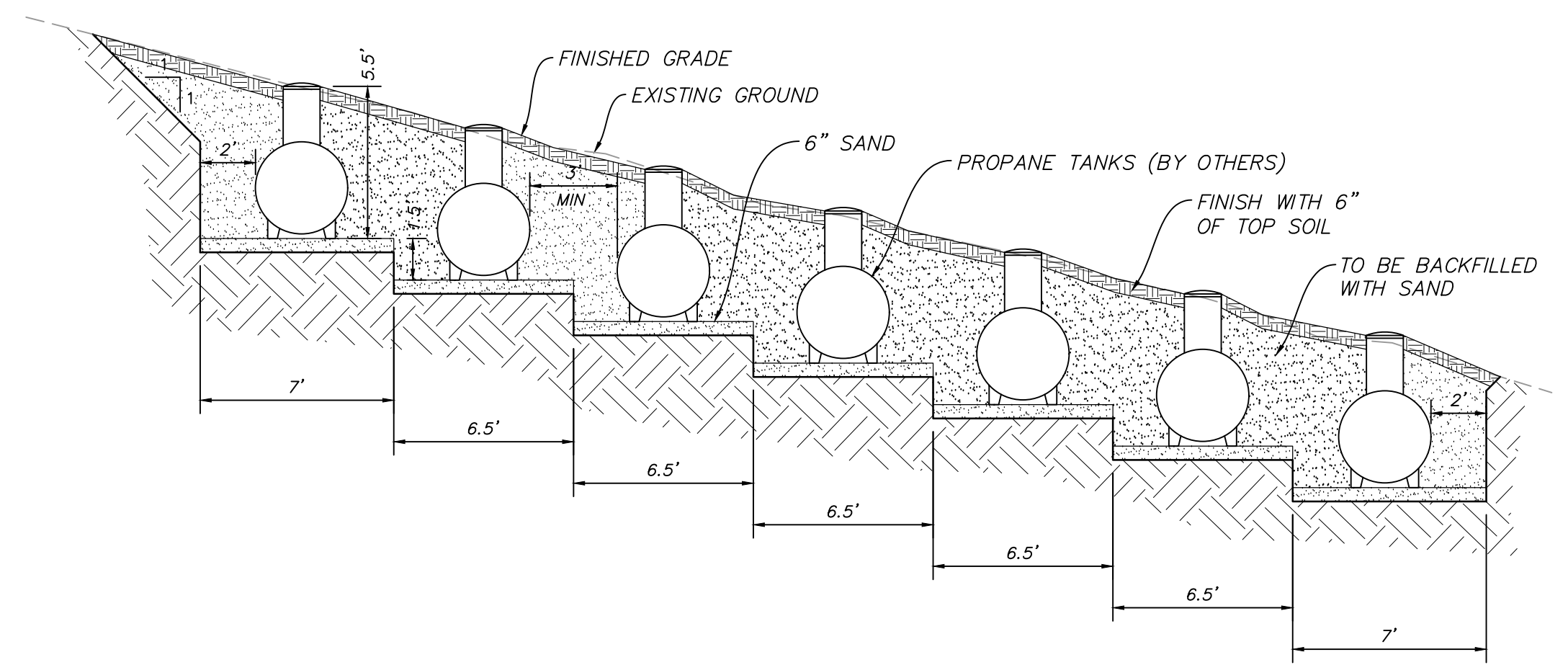
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**4.00**  
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 VERTICAL: 1" = N/A  
 HORIZONTAL: 1" = 40'  
 JOB NUMBER  
**SLB0793**

The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans, and must be approved by the preparer of these plans.  
 CAUTION



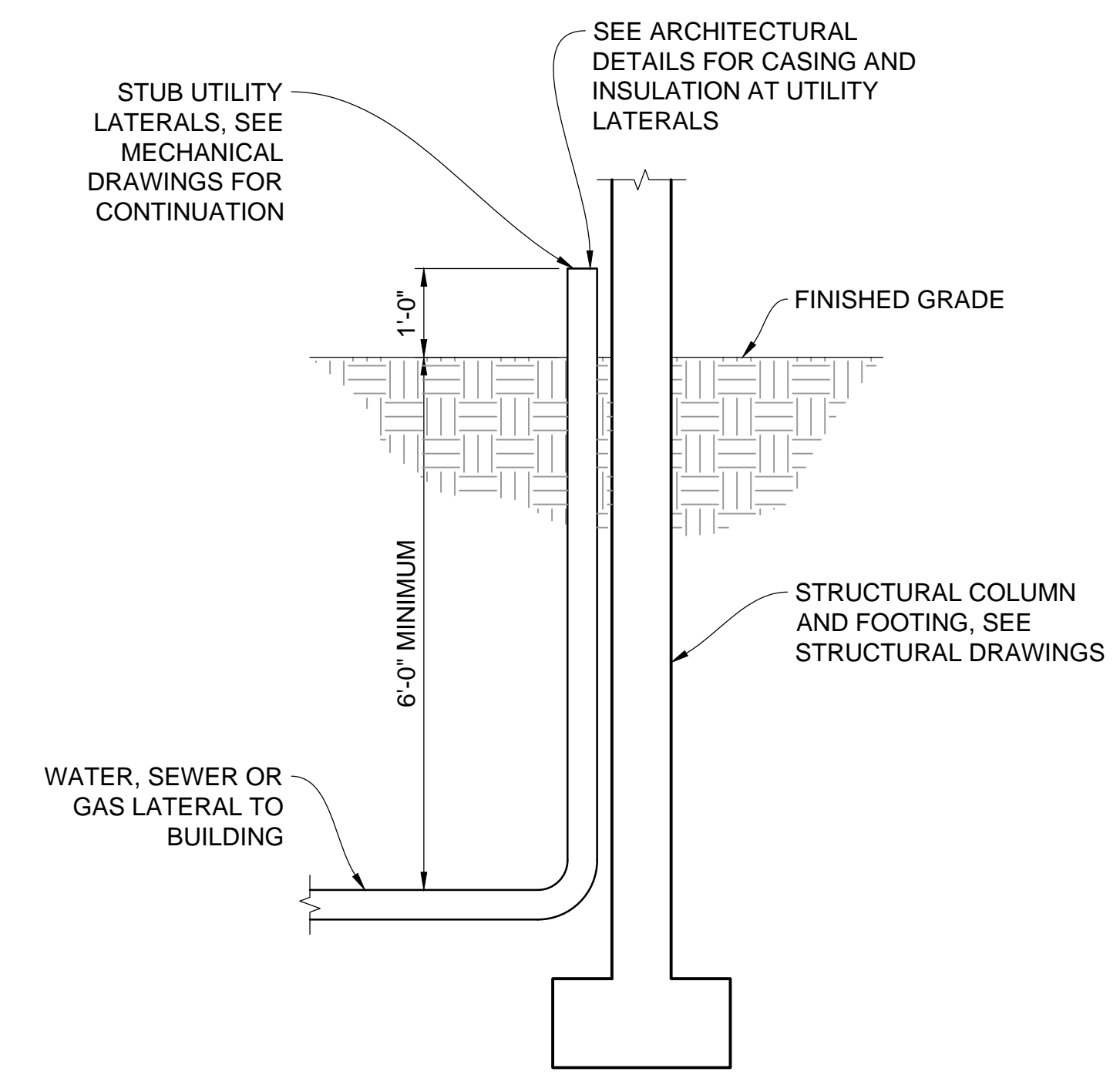
**RIBBON CURB**  
 (MODIFIED TYPE P CURB)  
 NTS

**PARKING ASPHALT SECTION**  
 NTS



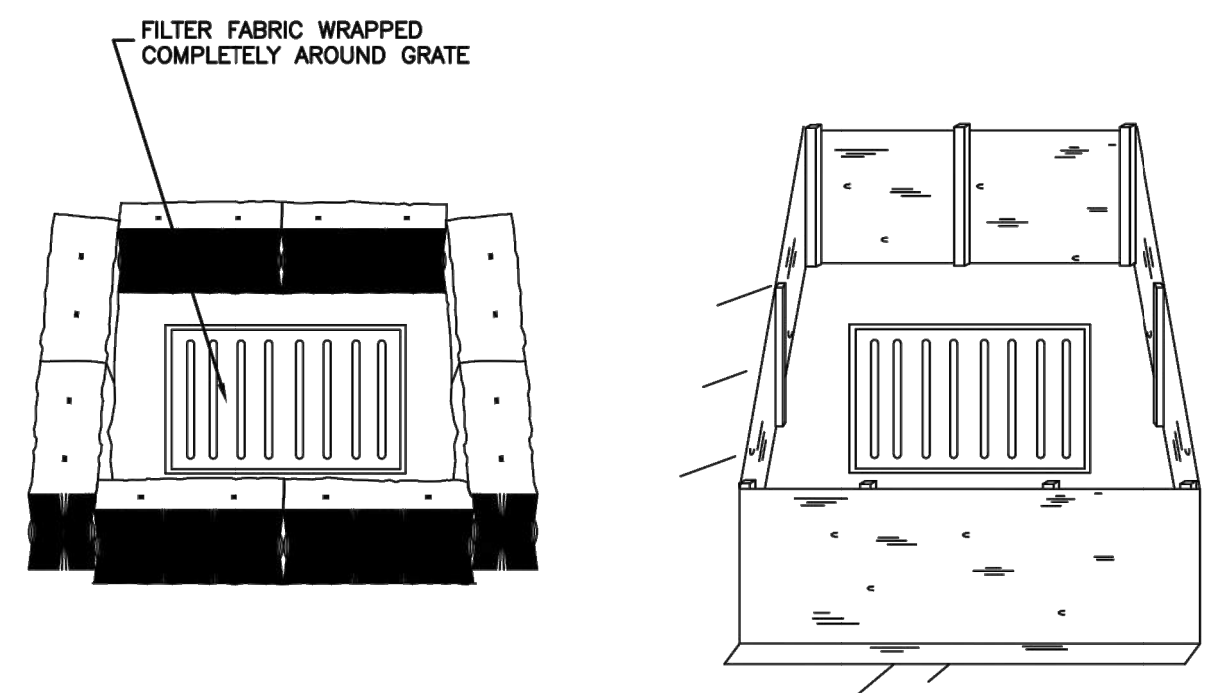
SECTION A-A

**PROPANE TANK PIT**  
 NTS



**SERVICE LATERAL DETAIL**  
 NTS

NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.



**STRAW BALE BARRIER**  
 (PLAN No. 121)

**SILT FENCE**  
 (PLAN No. 122)

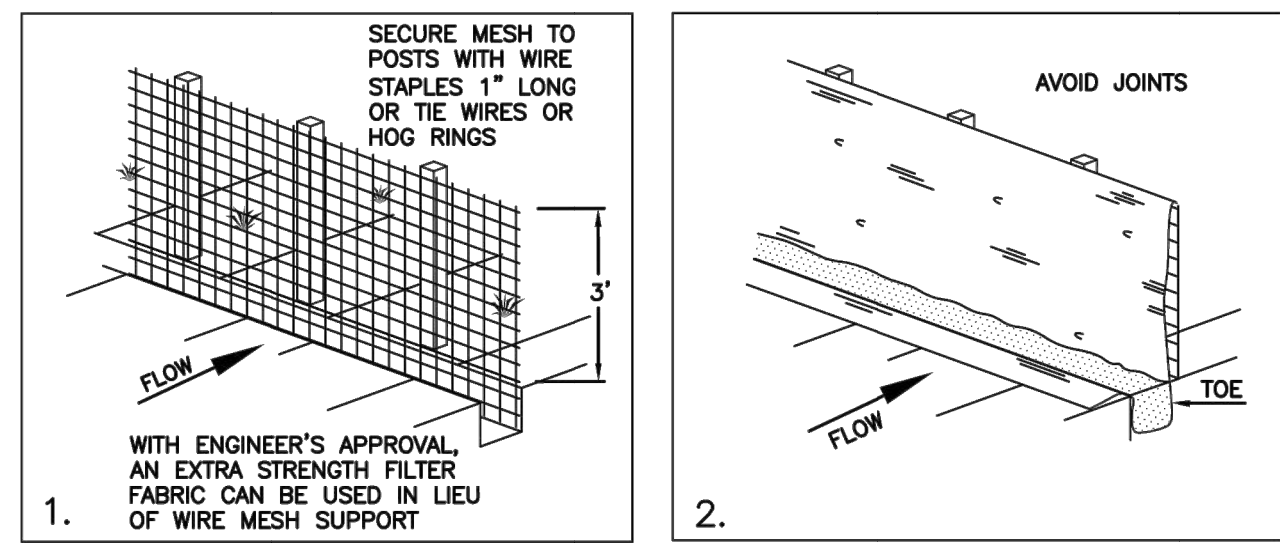
**Inlet protection - fence or straw bale**

Plan 124  
 Sheet 3 of 3

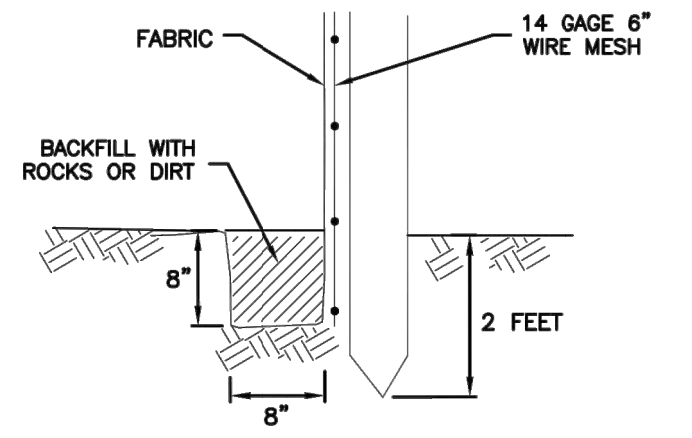
February 2006

15

NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.



**INSTALLATION SEQUENCE**



**TOE DETAIL**

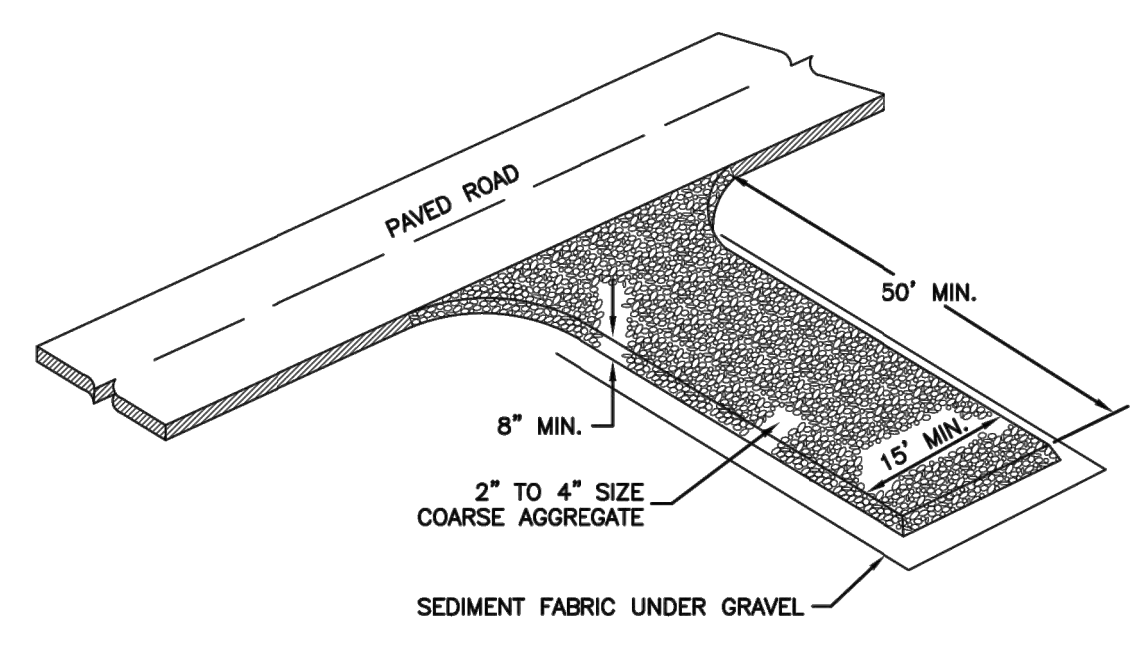
**Silt fence**

Plan 122

February 2006

7

NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.

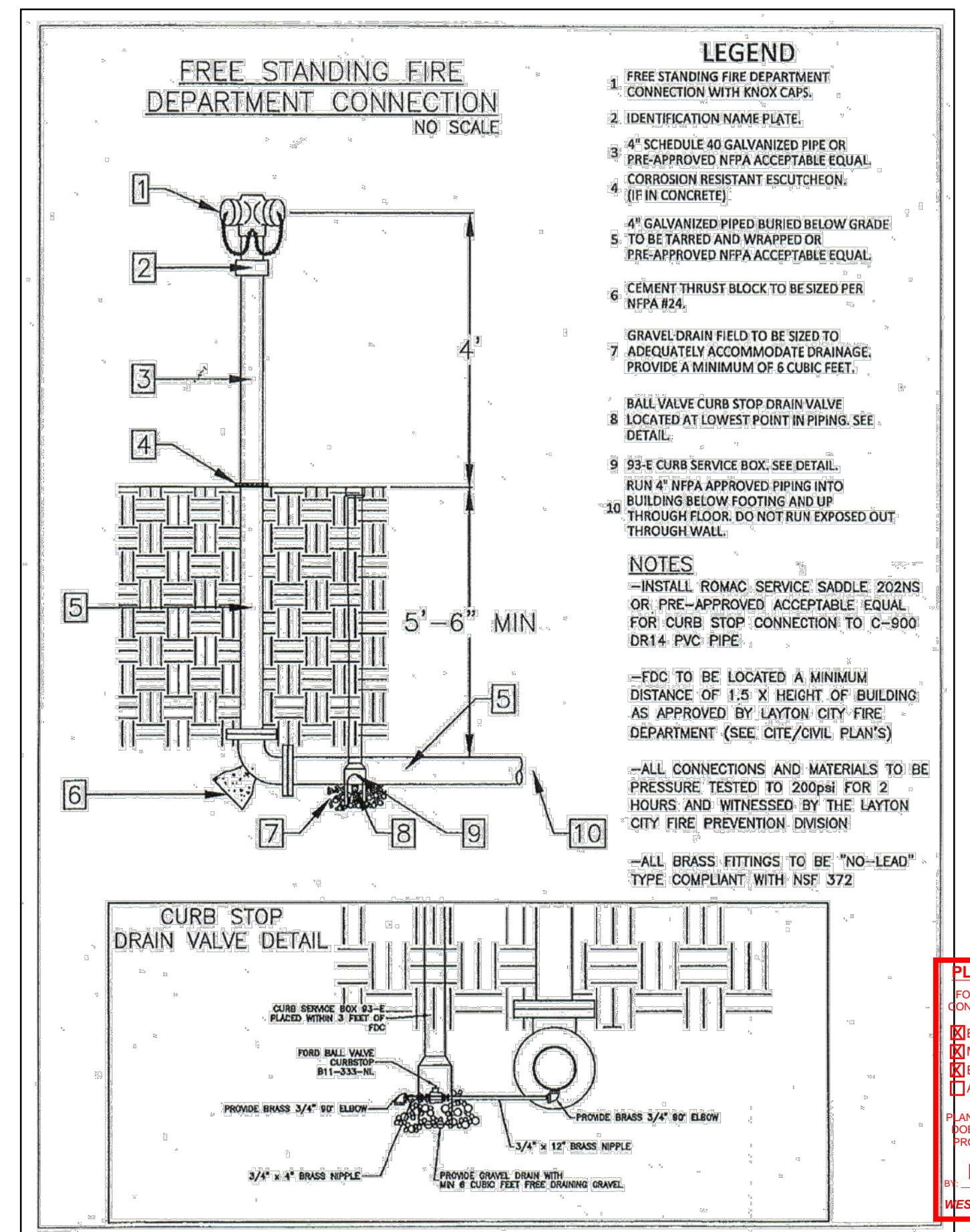


**Stabilized roadway entrance**

Plan 126

February 2006

19

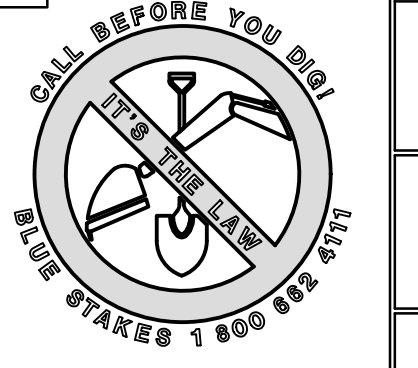


**FIRE DEPARTMENT CONNECTION**

Plan 125

February 2006

**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:  
 BUILDING  STRUCTURAL  
 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE  
 I AM REVIEWING ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
 MEM DATE 08/24/17  
 WEST COAST CODE CONSULTANTS, INC.



NO.	BY	DATE	REVISIONS

**HORIZON NEIGHBORHOOD PRUD**  
 DETAILS

**TALISMAN**  
 CIVIL CONSULTANTS  
 MURRAY, UT 84407  
 5217 SOUTH STATE STREET, SUITE 200  
 801743.8800 TEL. 801743.0800 FAX

SHEET NUMBER  
**6.00**  
 SCALE  
 VERTICAL: 1" = N/A  
 HORIZONTAL: 1" = N/A  
 JOB NUMBER  
**SLB0793**

DATE SUBMITTED: 08.03.2017

PREPARED FOR: SUMMIT POWDER MOUNTAIN

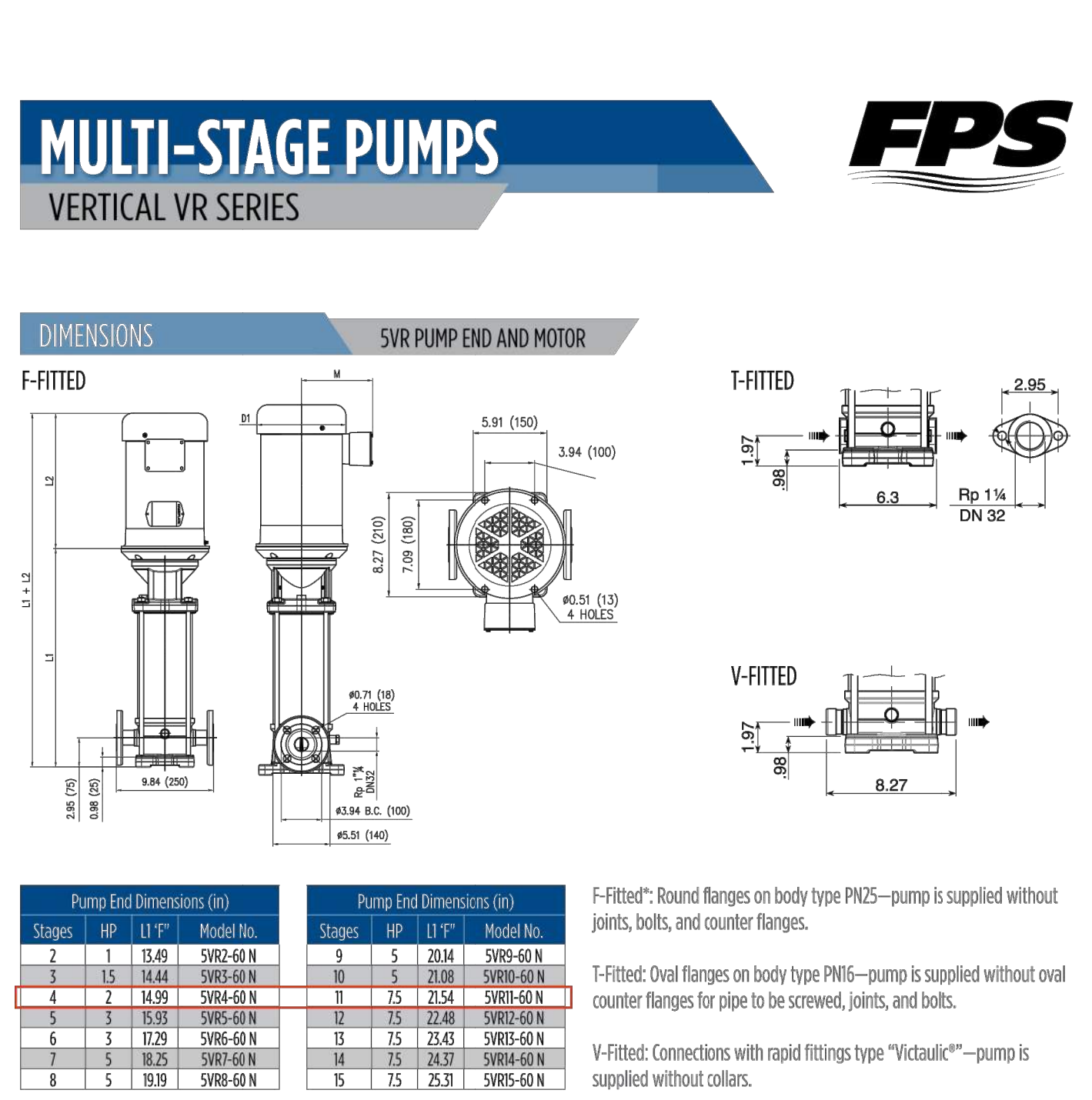
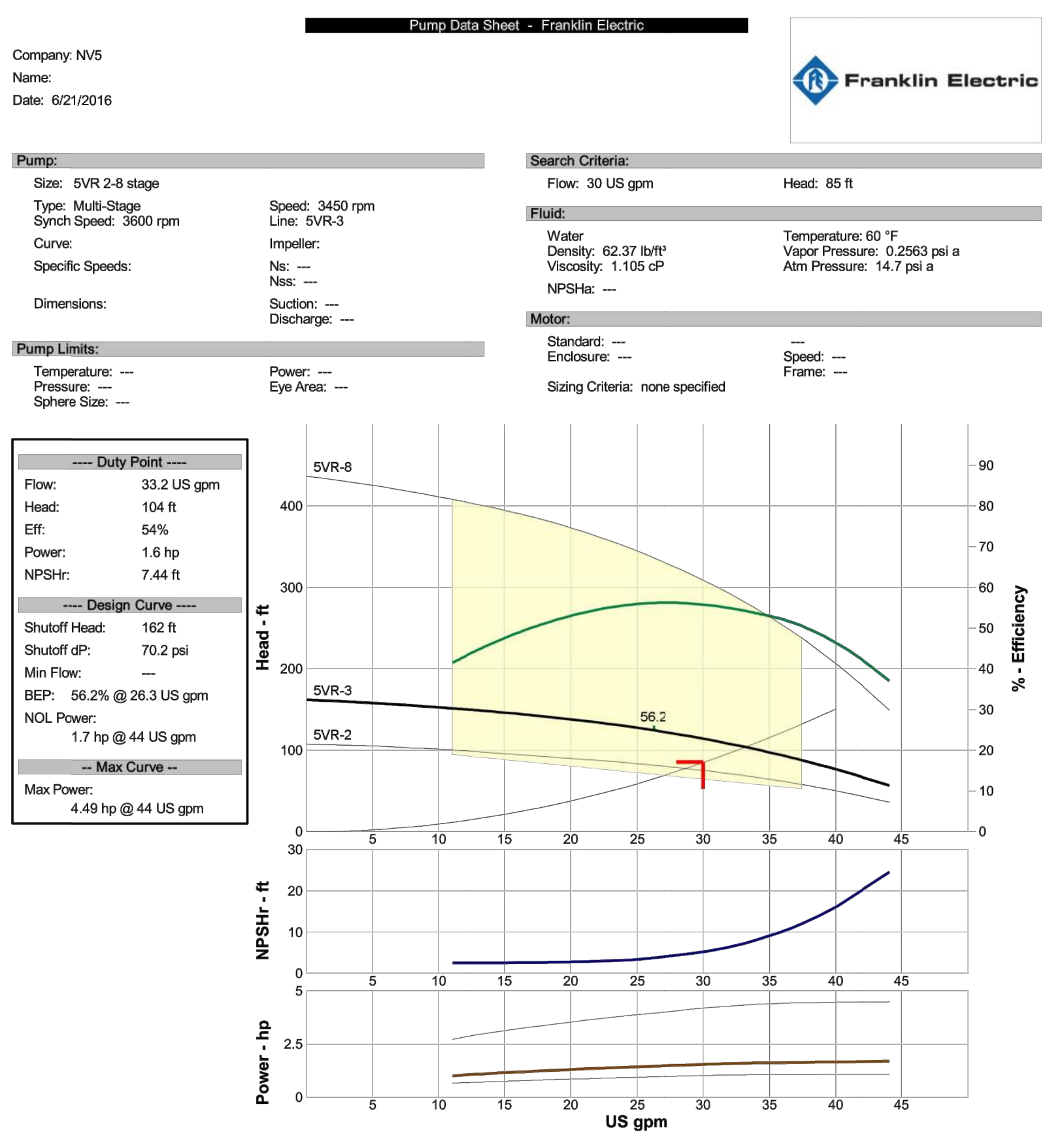
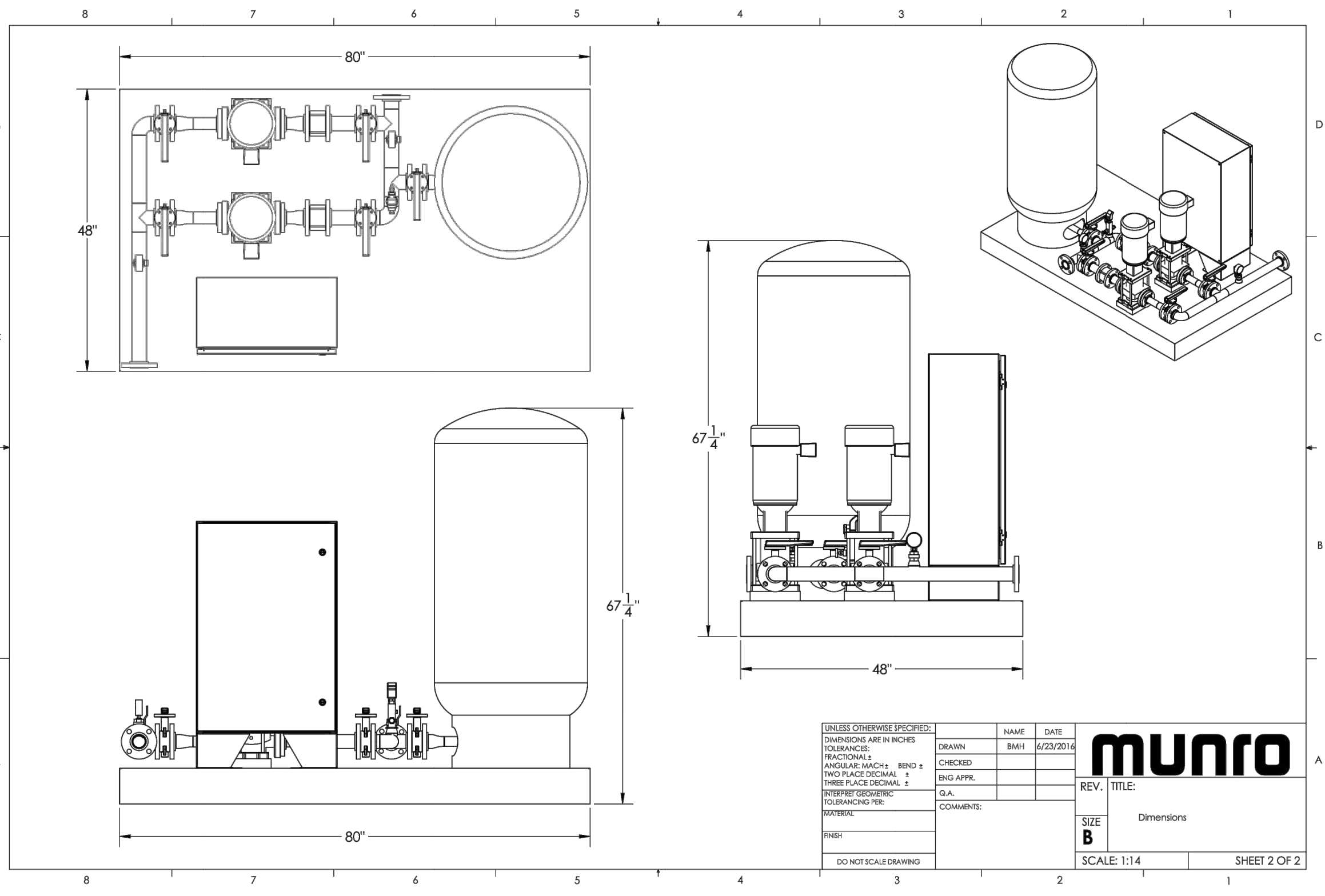
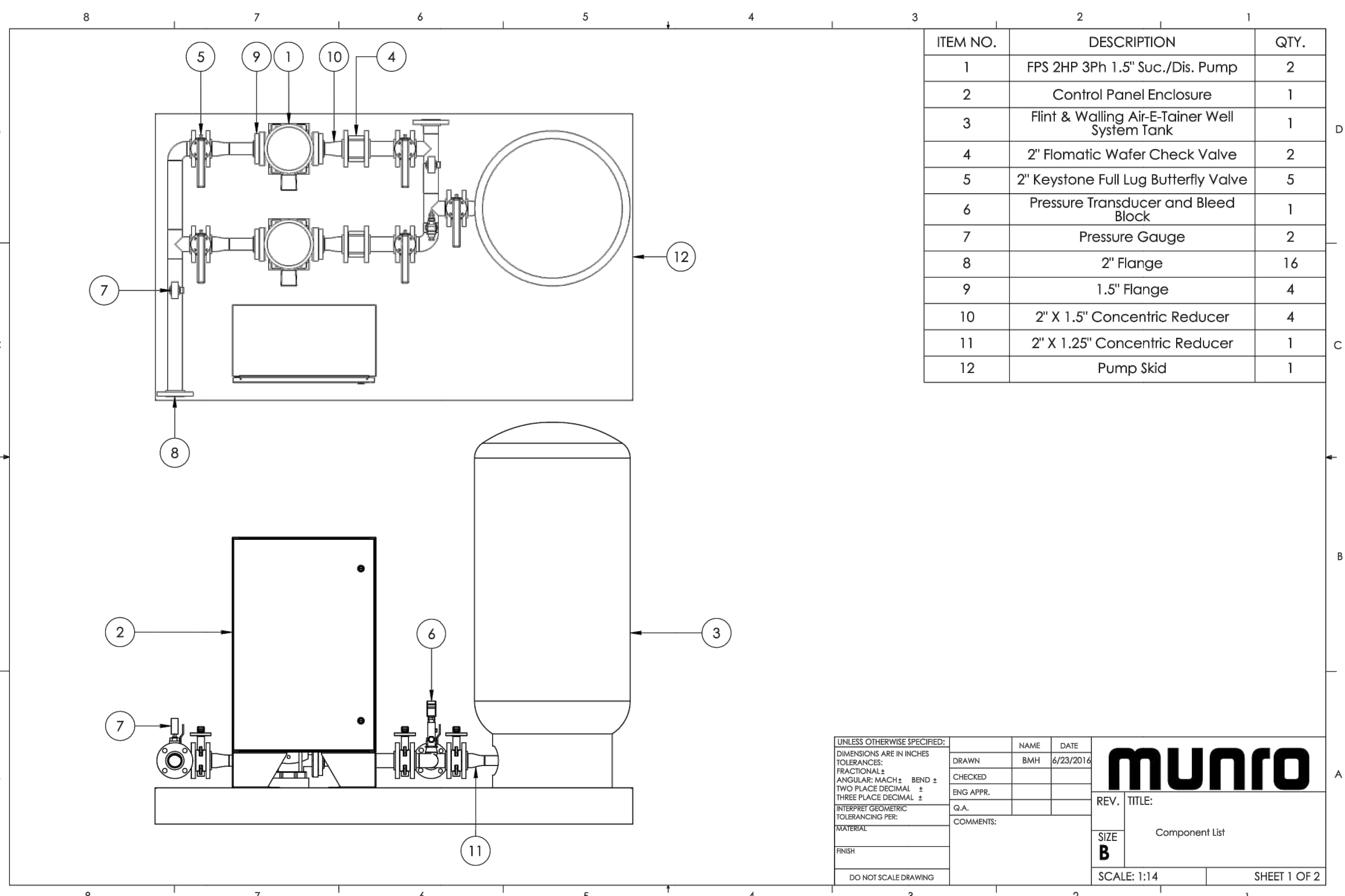
MURRAY, UT 84407

5217 SOUTH STATE STREET, SUITE 200  
 801743.8800 TEL. 801743.0800 FAX

SHEET NUMBER  
**6.00**  
 SCALE  
 VERTICAL: 1" = N/A  
 HORIZONTAL: 1" = N/A  
 JOB NUMBER  
**SLB0793**

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DATE: 8/27/17 TIME: 11:05:05 PM DRAWING NAME: 601 - DETAILS.DWG  
 LAYOUT: LAYOUT1  
 PLOT: 11/15/2016 10:24:38  
 PLOT DEVICE: HPGL2  
 PLOT SCALE: 1:1  
 PLOT SHEETS: 2  
 PLOT SHEET: 1 OF 2



Performance Evaluation:

Flow US gpm	Speed rpm	Head ft	Efficiency %	Power hp	NPSH <sub>req</sub> ft
36	3450	93.1	52	1.63	10.5
30	3450	113	55	1.54	5.74
24	3450	129	56	1.41	3.52
18	3450	141	51	1.26	2.74
12	3450	150	43	1.05	2.62

### AIR-E-TAINER® WELL SYSTEM TANKS

Flint & Walling  
 Zoeller Family of Water Solutions®

- In-line tanks pre-charged for 30-50 pressure switch - Vertical tanks pre-charged for either 30 - 50 or 40 - 60 Pressure switch
- 100 PSI maximum working pressure
- Powder-coated exterior and interior
- Butyl rubber parabolic diaphragm
- 5 year Limited Warranty

FW0019  
 0616  
 Supersedes  
 0416

Motor Dimensions (in)

Phase	HP	Frame	Standard Efficiency TEFC	Premium Efficiency TEFC	Phase	Standard Efficiency TEFC	Premium Efficiency TEFC
1	1	56C	Volts	L2 M D1	1	Volts	L2 M D1
			120	11.35 5.19 6.19		11.35 5.19 6.19	
			208-230/460	12.25 5.19 6.19		12.25 5.19 6.19	
3	3	56C	Volts	L2 M D1	3	Volts	L2 M D1
			120	18.21 5.34 7.19		18.21 5.34 7.19	
			208-230/460	18.05 6.87 8.5		18.05 6.87 8.5	

NOTE: Dimensions for round flange units are for estimating purposes only.

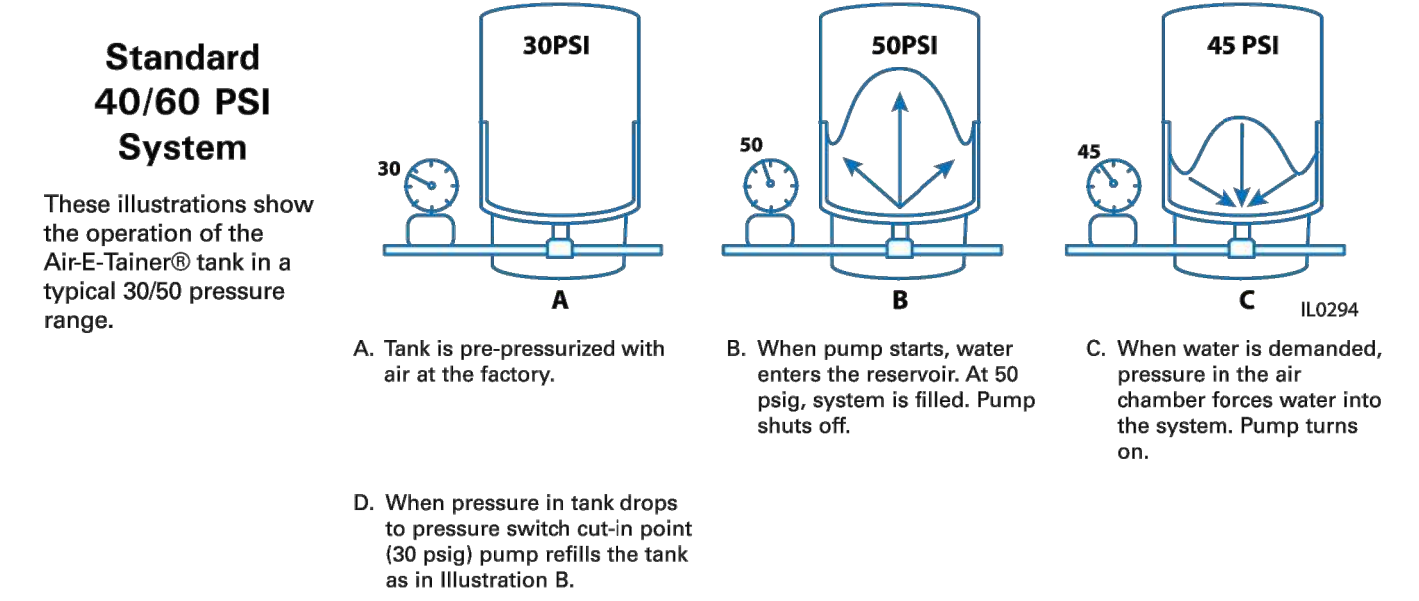


#### AIR-E-TAINER® PRE-PRESSURIZED WELL SYSTEM TANKS

Part No.	Total Tank Vol. Gallons	Drawdown - Gallons by PSI Settings**	Approx. Size In. Dia x Ht	Ship Wt Lbs	NPT Size MTL	Factory Precharge PSIG	Max Working Pressure (PSI)	Max Working Temp
131009	2	0.7 0.8	40/60	8-14 x 10-15	5	3/4" M	29	140
132477	4.6	1.6 1.4		11 x 14-3/4	9	3/4" M	28	140
132661	14	5.2 4.3 3.7		15-3/8 x 24-3/4	25.5	1" F	38	100
132662	20	7.4 6.2 5.4		15-3/8 x 32-1/4	30	1" F	38	100
132663	36	13.3 11.1 9.7		20 x 38-5/8	45	1" F	38	100
132517	52	19.2 16.1 14		23-3/8 x 38-5/8	77	1-1/8" F	38	100
132675	66	23.9 20 17.5		23-3/8 x 48-3/8	87	1-1/4" F	38	100
135460	86	31.8 26.7 23.2		23-3/8 x 58	105	1-1/4" F	38	100
136976	119.5	44 37 32		26 x 61-1/4	165	1-1/4" F	38	100

\*\*In keeping with current industry standards, drawdown factors are based on Boyle's law. Actual drawdowns will vary depending upon system variables, including the accuracy and operation of the pressure switch and gauge and operating temperature of the system.

Caution: Install a pressure relief valve on any installation where the pump pressure can exceed the tank's maximum working pressure.  
 NOTE: Pre-charged tanks cannot ship via air freight.



NOTE: Pre-charged tanks cannot ship via air freight.

Flint & Walling | 95 North Oak Street | Kendallville, IN 46755  
 800-345-9422 | www.flintandwalling.com

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PLAN REVIEW ACCEPTANCE

FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:

BUILDING  STRUCTURAL  
 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

MEM  
 DATE: 08/24/17  
 WEST COAST CODE CONSULTANTS, INC.

HORIZON NEIGHBORHOOD PRUD BOOSTER PUMP DETAILS

PREPARED FOR: SUMMIT POWDER MOUNTAIN

DATE SUBMITTED: 08.03.2017

TALISMAN CIVIL CONSULTANTS

5217 SOUTH STATE STREET, SUITE 200  
 801743.8000 TEL. 801743.0800 FAX

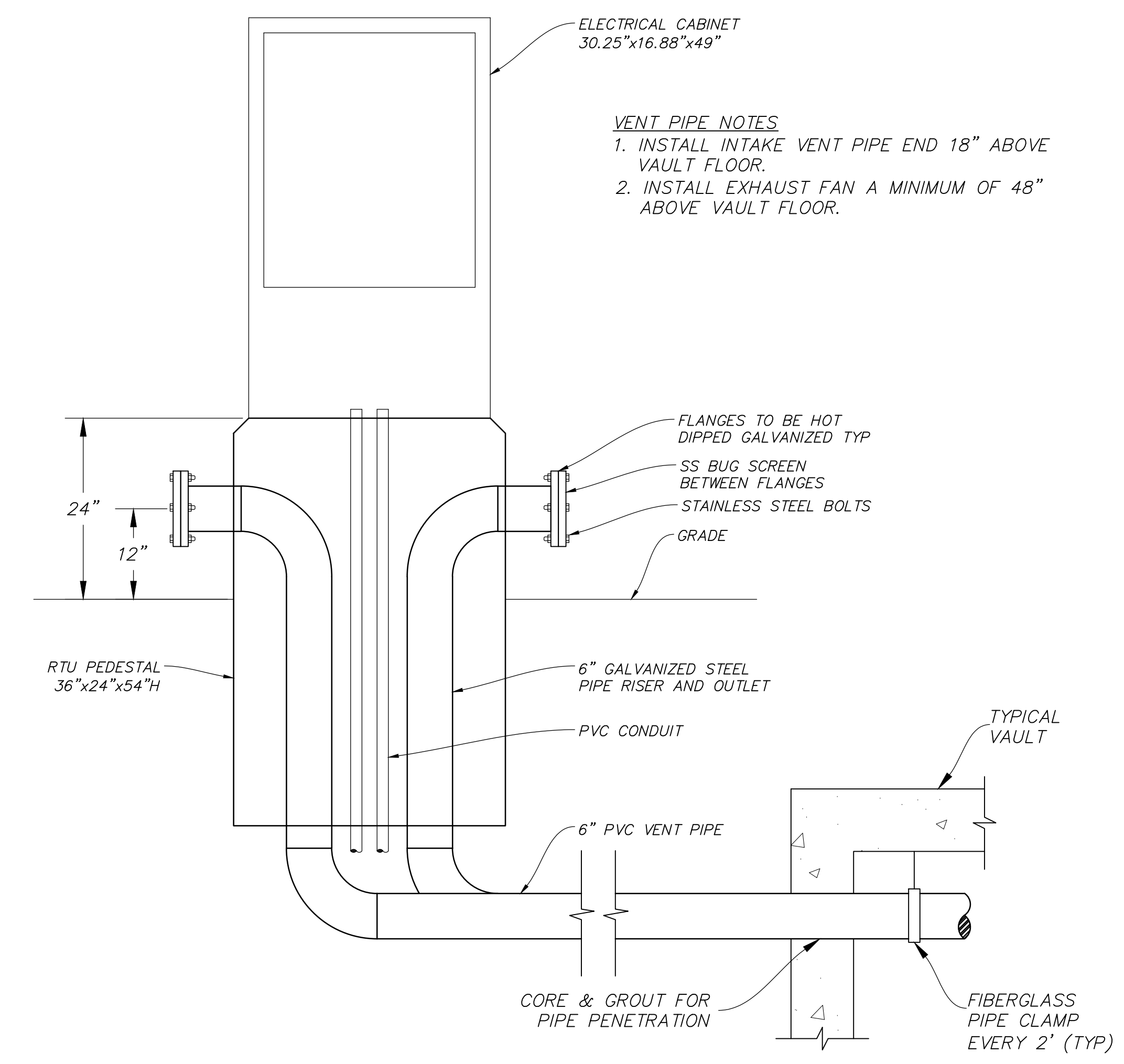
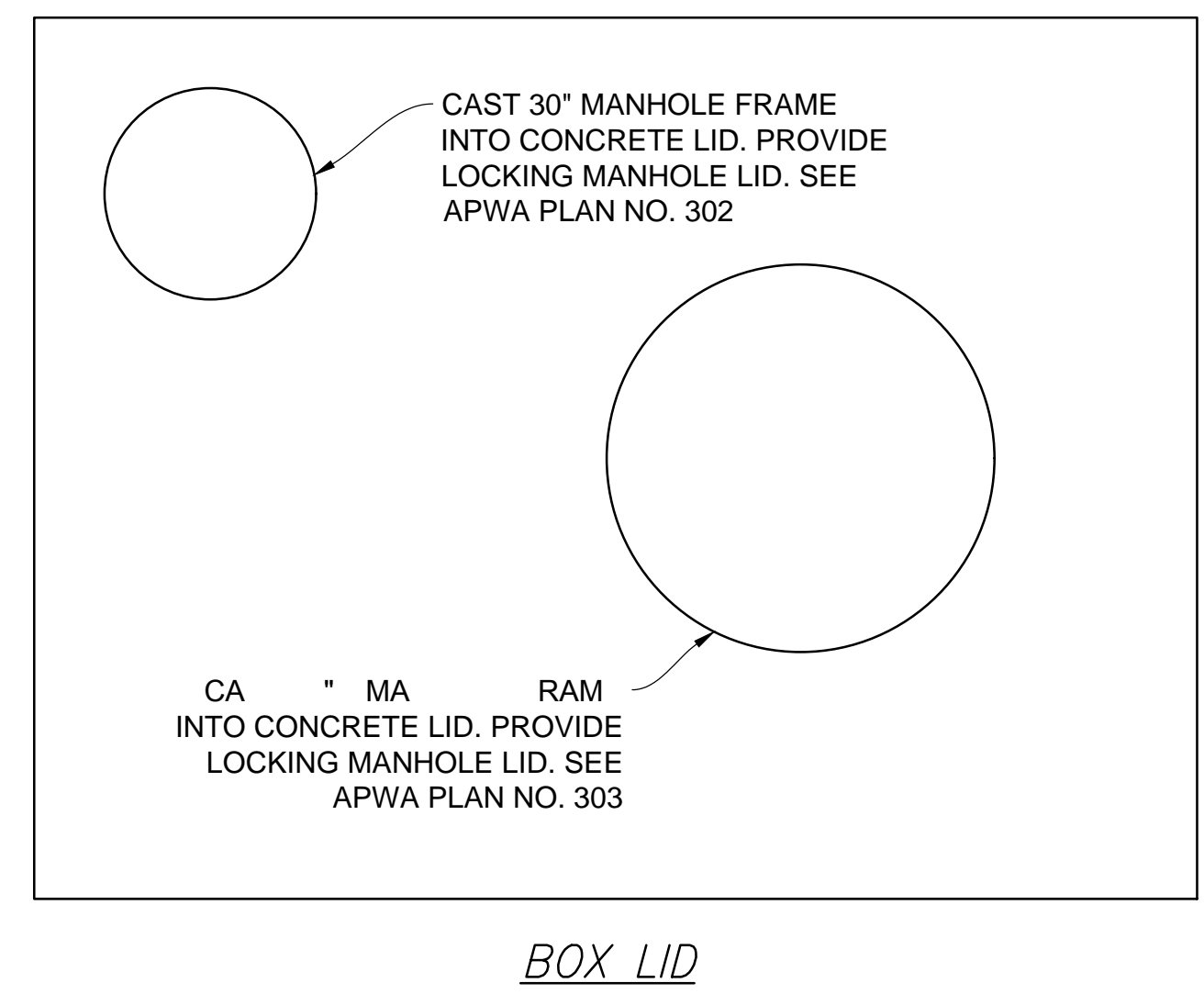
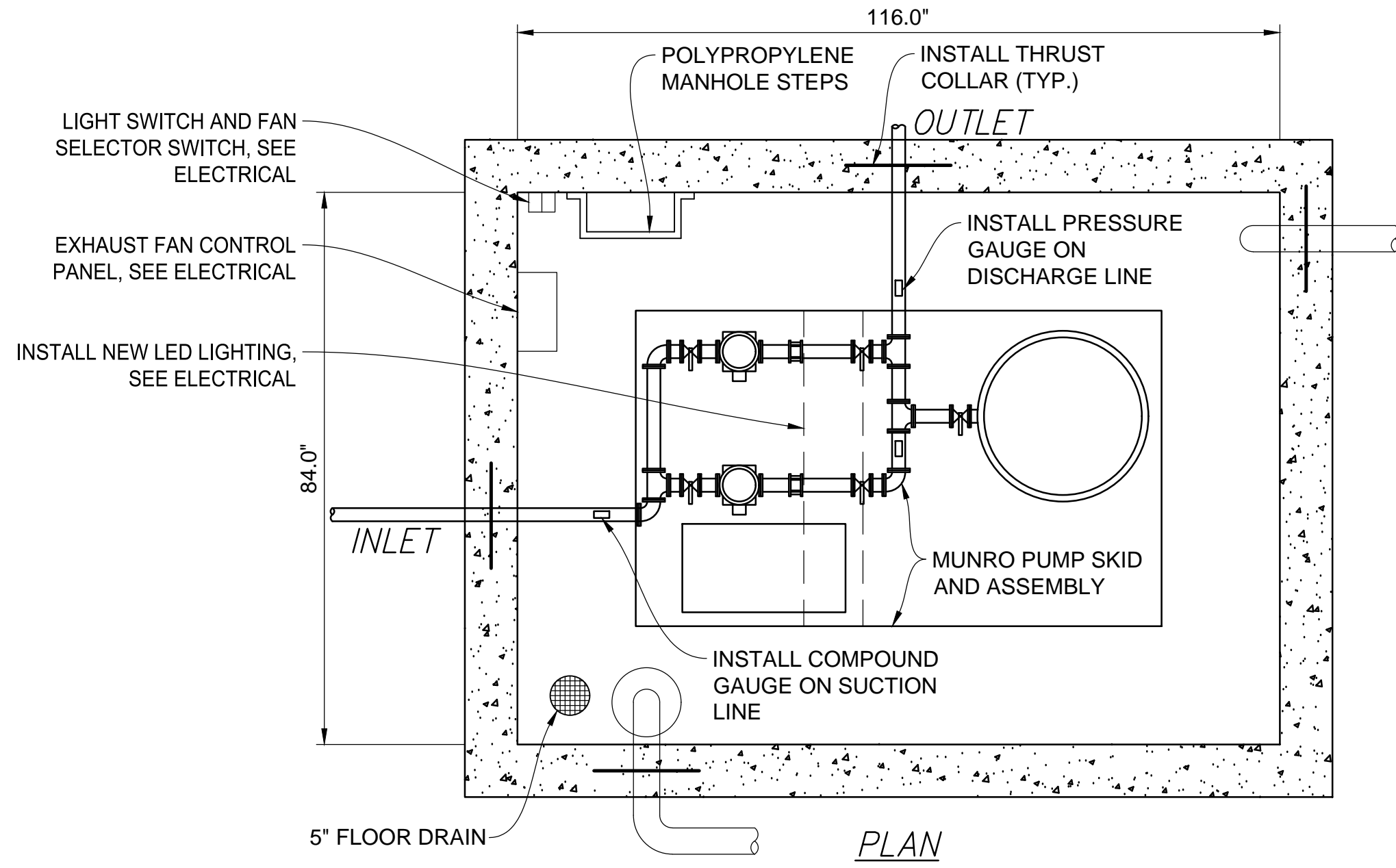
MURRAY, UT 84407

REGISTERED PROFESSIONAL ENGINEER  
 No. 7899506  
 RYAN W. CATHEY  
 8/3/17  
 STATE OF UTAH

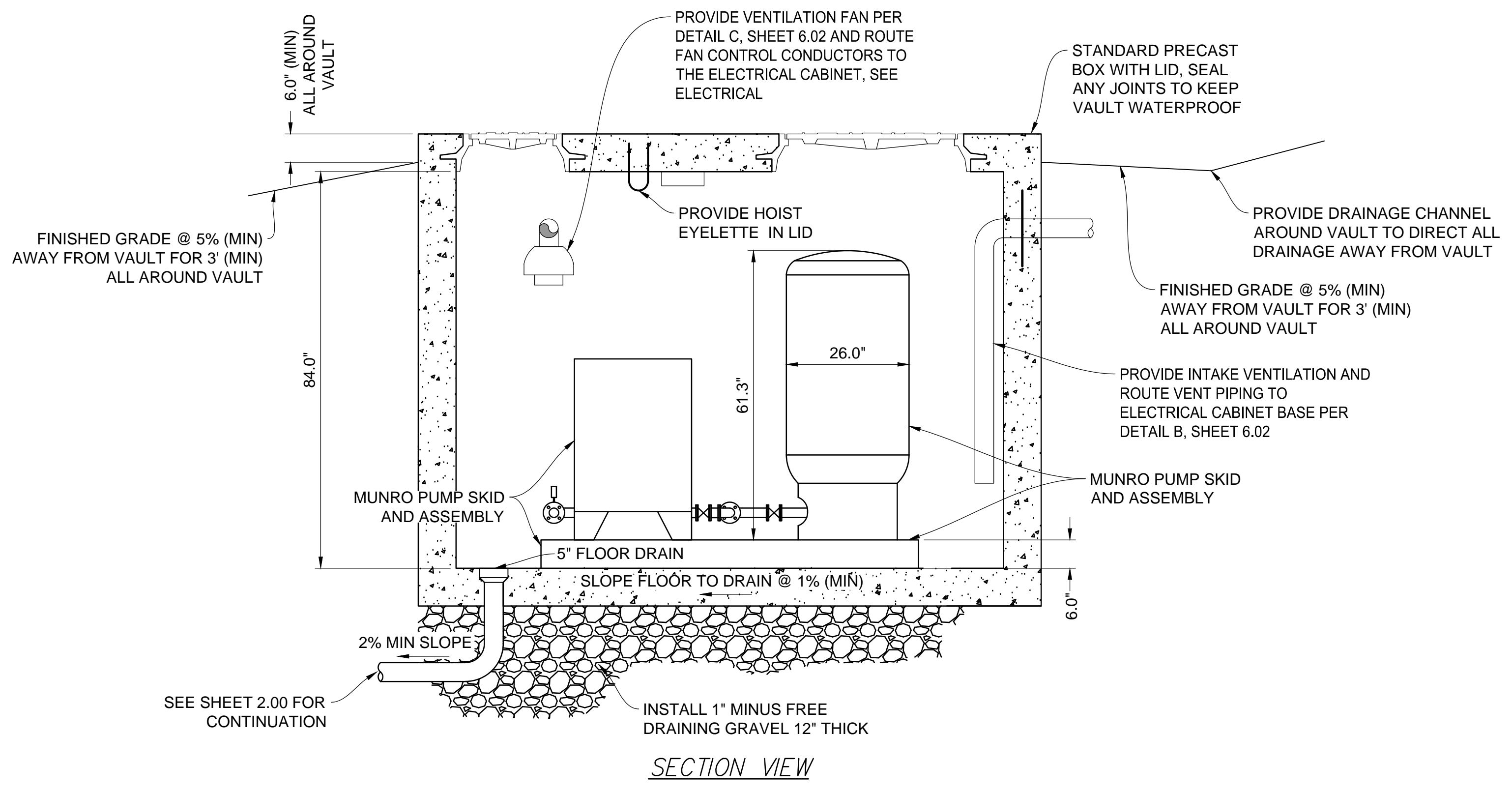
SHEET NUMBER  
**6.01**

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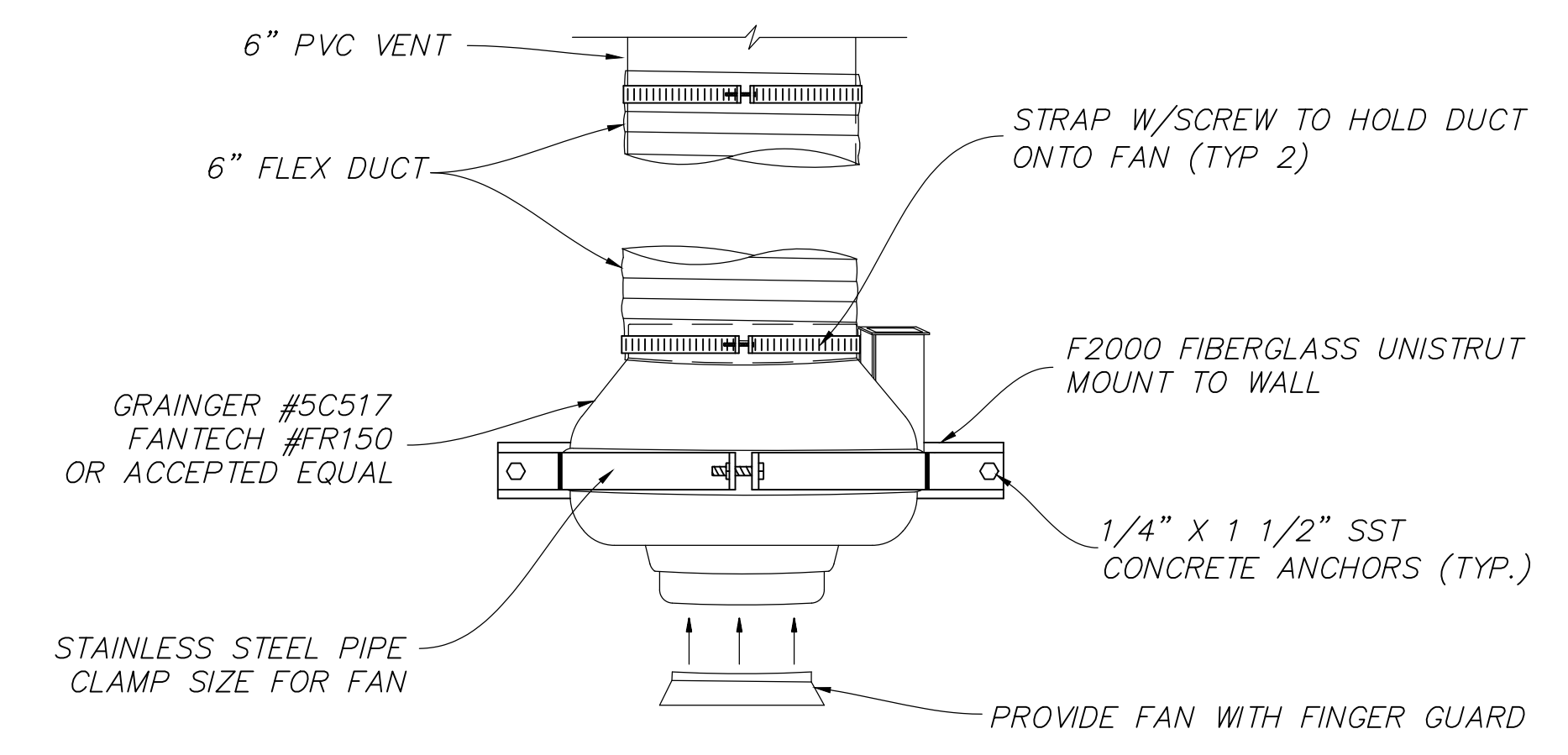
JOB NUMBER  
**SLB0793**



**B ELECTRICAL PEDESTAL DETAIL**  
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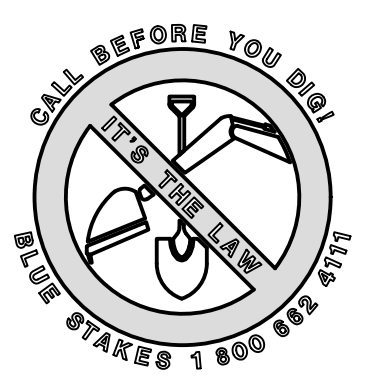


**A BOOSTER PUMP VAULT**  
NOT TO SCALE



**C FAN DETAIL**  
NOT TO SCALE

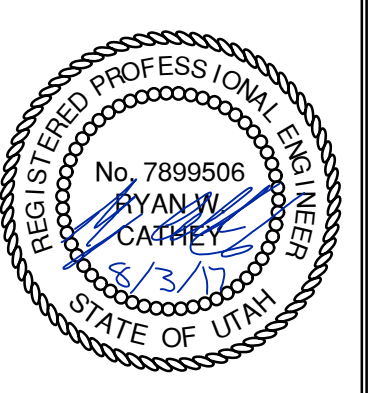
**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.  
 BUILDING  STRUCTURAL  
 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE  
 PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
 MEM DATE: 08/24/17  
 WEST COAST CODE CONSULTANTS, INC.



NO.	DATE	BY	REVISIONS

**HORIZON NEIGHBORHOOD PRUD BOOSTER PUMP DETAILS**

**TALISMAN CIVIL CONSULTANTS**  
 MURRAY, UT 84407  
 6217 SOUTH STATE STREET, SUITE 200  
 801743.8000 TEL. 801743.0800 FAX



SHEET NUMBER	<b>6.02</b>
SCALE	VERTICAL: 1" = N/A HORIZONTAL: 1" = N/A
JOB NUMBER	<b>SLB0793</b>

DATE SUBMITTED: 08.03.2017

PREPARED FOR: SUMMIT POWDER MOUNTAIN

MURRAY, UT 84407

6217 SOUTH STATE STREET, SUITE 200  
801743.8000 TEL. 801743.0800 FAX

SHEET NUMBER  
**6.02**  
SCALE  
VERTICAL: 1" = N/A  
HORIZONTAL: 1" = N/A  
JOB NUMBER  
**SLB0793**

The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans unless such changes or uses are specifically approved by the engineer.

**OPTIONS :**  DH071 (HARD WIRED LEVEL CONTROLS)  
 DR071 (WIRELESS LEVEL CONTROLS)

FIELD JOINT REQUIRED FOR MODELS DH071-129 / DR071-129 & DH071-160 / DR071-160

GASKETED LID, HDPE  
 STRAIN RELIEF CORD CONNECTOR  
 PROTECTIVE CABLE SHROUD (HDPE)  
 POWER/ALARM CABLE 12-6 W/GND.  
 E/ONE EQUALIZER  
 INTERNAL WELL VENT 2.0" DIA.  
 INLET, GROMMET TO ACCEPT 4.50" O.D. PVC PIPE (STANDARD). DUST COVER SUPPLIED FOR SHIPMENT (NOT SUITABLE FOR BURIAL).  
 ALARM  
 ON  
 OFF  
 18 in 447 mm  
 32 gal. 121 L  
 26 in 650 mm  
 47 gal 179 L  
 38.0 in 914 mm TO INLET  
 DISCHARGE 1-1/4" FPT  
 1-1/4" DISCHARGE LINE (304 S.S.)  
 41.6 in 1057 mm TO DISCHARGE  
 CHECK VALVE (NORYL.)  
 ANTI-SIPHON VALVE (NORYL.)  
 14 in 345 mm  
 24 gal. 91 L  
 29.5 DIA in 749 mm  
 HDPE TANK, CORRUGATED 70 GALLON CAPACITY  
 SEMI-POSITIVE DISPLACEMENT TYPE PUMP, EACH DIRECTLY DRIVEN BY A 1 HP MOTOR

UL NSF SP

AD	CH	10/20/10	D	
DR BY	CHK'D	DATE	ISSUE	SCALE

**eone**  
SEWER SYSTEMS  
MODEL DH071 / DR071  
DETAIL SHEET  
NA0050P02

CONCRETE BALLAST MAY BE REQUIRED SEE INSTALLATION INSTRUCTION FOR DETAILS

NOTE: DIMENSIONS ARE FOR REF ONLY

**OPTIONS :**  DH071-124 (HARD WIRED LEVEL CONTROLS)  
 DR071-124 (WIRELESS LEVEL CONTROLS)

GRADE MUST SLOPE AWAY FROM STATION  
 GRADE  
 GRADE  
 76" COVER OVER DISCH  
 84" INVERT DEPTH  
 123.3"  
 41.6"  
 36.0"  
 DISCHARGE: 1-1/4" FEMALE PIPE THREAD  
 INLET: EPDM GROMMET FOR 4" DWV PIPE (STANDARD)  
 Ø 29.5"

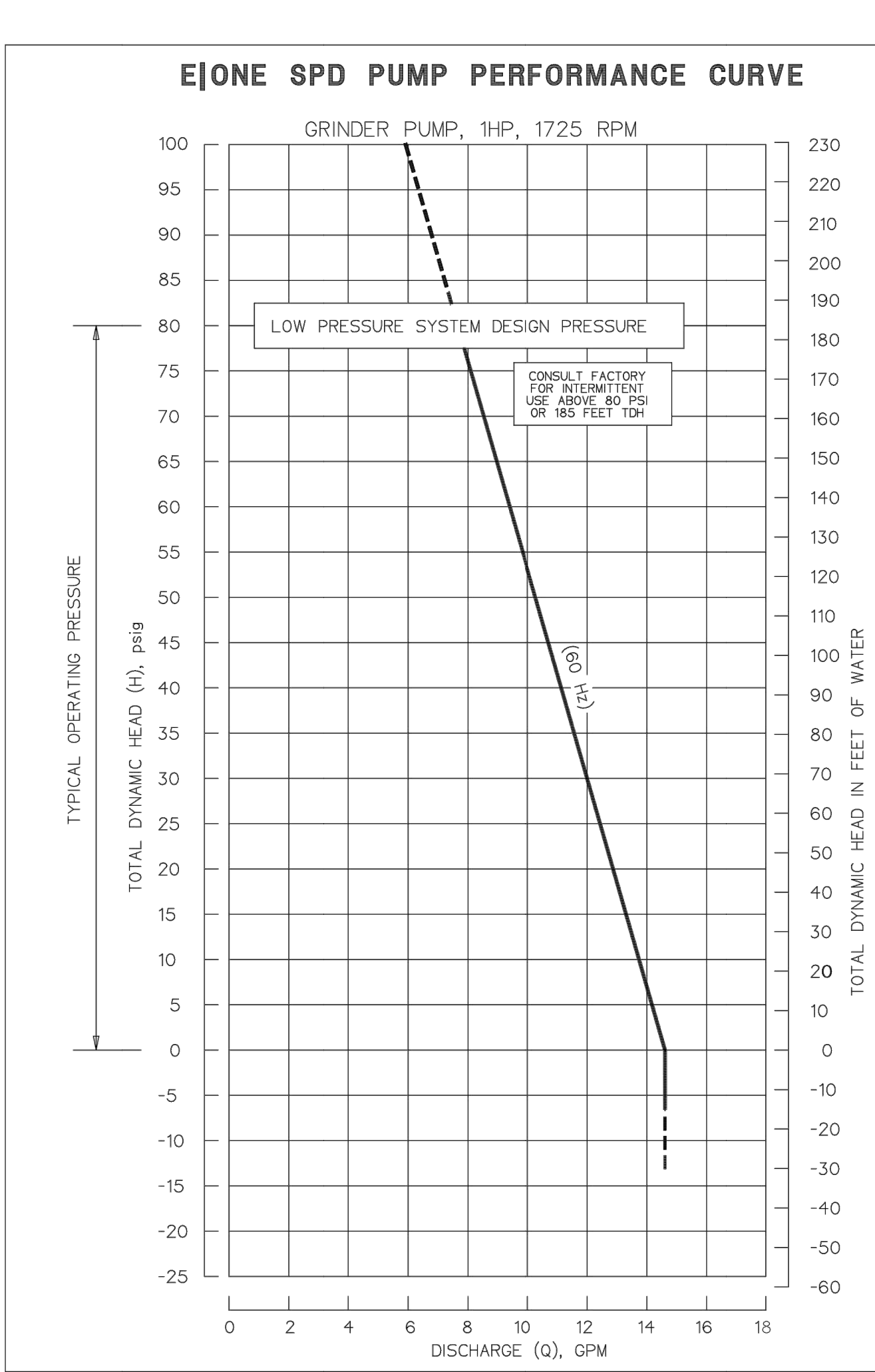
CONCRETE BALLAST MAY BE REQUIRED SEE INSTALLATION INSTRUCTIONS FOR DETAILS

NOTE: DIMENSIONS ARE FOR REF ONLY

UL NSF SP

AD	CAH	07/13/07	B	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE

**eone**  
SEWER SYSTEMS  
MODEL DH071-124 / DR071-124  
NA0050P07



**OPTIONS :**  DH151 (HARD WIRED LEVEL CONTROLS)  
 DR151 (WIRELESS LEVEL CONTROLS)

FIELD JOINT REQUIRED FOR MODELS DH151-129 / DR151-129 & DH151-160 / DR151-160

GASKETED LID, HDPE  
 STRAIN RELIEF CORD CONNECTOR  
 E/ONE EQUALIZER  
 DUAL WALL CORRUGATED HDPE ACCESSWAY  
 INTERNAL WELL VENT 2.0" DIAMETER  
 INLET, GROMMET TO ACCEPT 4.50" O.D. PVC PIPE (STANDARD). DUST COVER SUPPLIED FOR SHIPMENT (NOT SUITABLE FOR BURIAL).  
 ALARM  
 ON  
 OFF  
 17 in 432 mm  
 21 in 534 mm  
 66 gal 250 L  
 84 gal 318 L  
 116 gal 439 L  
 38.4 in 975 mm  
 29 in 737 mm  
 43.9 in 1115 mm  
 DISCHARGE 1 1/4" FPT  
 1 1/4" DISCHARGE LINE (304 S.S.)  
 CHECK VALVE (NORYL.)  
 ANTI-SIPHON VALVE (NORYL.)  
 1/2" NOMINAL WALL THICKNESS 150 GALLON CAPACITY  
 SEMI-POSITIVE DISPLACEMENT TYPE PUMP DIRECTLY DRIVEN BY A 1 HP MOTOR

UL NSF SP

AD	CH	10/20/10	D	
DR BY	CHK'D	DATE	ISSUE	SCALE

**eone**  
SEWER SYSTEMS  
MODEL DH151 / DR151  
DETAIL SHEET  
NA0051P02

CONCRETE BALLAST MAY BE REQUIRED SEE INSTALLATION INSTRUCTIONS FOR DETAILS

NOTE: DIMENSIONS ARE FOR REFERENCE ONLY

**OPTIONS :**  DH151-129 (HARD WIRED LEVEL CONTROLS)  
 DR151-129 (WIRELESS LEVEL CONTROLS)

GRADE MUST SLOPE AWAY FROM STATION  
 GRADE  
 GRADE  
 78" COVER OVER DISCH  
 86" INVERT DEPTH  
 127.1"  
 43.9"  
 38.4"  
 DISCHARGE: 1-1/4" FEMALE PIPE THREAD  
 INLET: EPDM GROMMET FOR 4" DWV PIPE (STANDARD)  
 Ø 38.8"

DETAIL, FIELD JOINT  
 SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS  
 3/8" STAINLESS STEEL HARDWARE -FIELD ASSEMBLY- (16 PLACES)  
 SIKKA TAPE -FIELD LOCATE-

CONCRETE BALLAST MAY BE REQUIRED SEE INSTALLATION INSTRUCTIONS FOR DETAILS

NOTE: DIMENSIONS ARE FOR REFERENCE ONLY

UL NSF SP

AD	CAH	07/13/07	C	1/16
DR BY	CHK'D	DATE	ISSUE	SCALE

**eone**  
SEWER SYSTEMS  
MODEL DH151-129 / DR151-129  
NA0051P07

**SIMPLEX SENTRY**

REDUNDANT RUN (HIGH LEVEL)  
 EXTERNAL VISUAL & AUDIBLE ALARM  
 EXTERNAL LATCHING MANUAL SILENCE  
 MANUAL RUN  
 PUMP RUN INDICATOR  
 CONFORMAL COATED CIRCUIT BOARD  
 PADLOCK  
 NEMA 4X ENCLOSURE ASSEMBLY  
 CORROSION PROOF THERMOPLASTIC POLYESTER APPROVED BY UL FOR ELECTRICAL CONTROL ENCLOSURE

15.42  
 11.55  
 13.84

OPTIONS:  
 ALARM CONTACTS  
 HOUR METER

TO PUMP  
 PUMP POWER  
 MANUAL RUN  
 ALARM RETURN

CE UPC® ASME A112.3.4  
 LR28268 LISTED 500D  
 UL NSF SP

AD	SM	01/9/08	D	N/A
DR BY	CHK'D	DATE	ISSUE	SCALE

**eone**  
SEWER SYSTEMS  
SIMPLEX SENTRY, 120V 60Hz. SINGLE POLE POWER  
LM000327

CONTROL CABLE:  
 TYPE 1C: DIRECT BURIAL, 12AWG, SIX CONDUCTOR

PLAN REVIEW ACCEPTANCE  
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:  
 BUILDING  STRUCTURAL  
 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE  
 PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
 BY: MEM DATE: 08/24/17  
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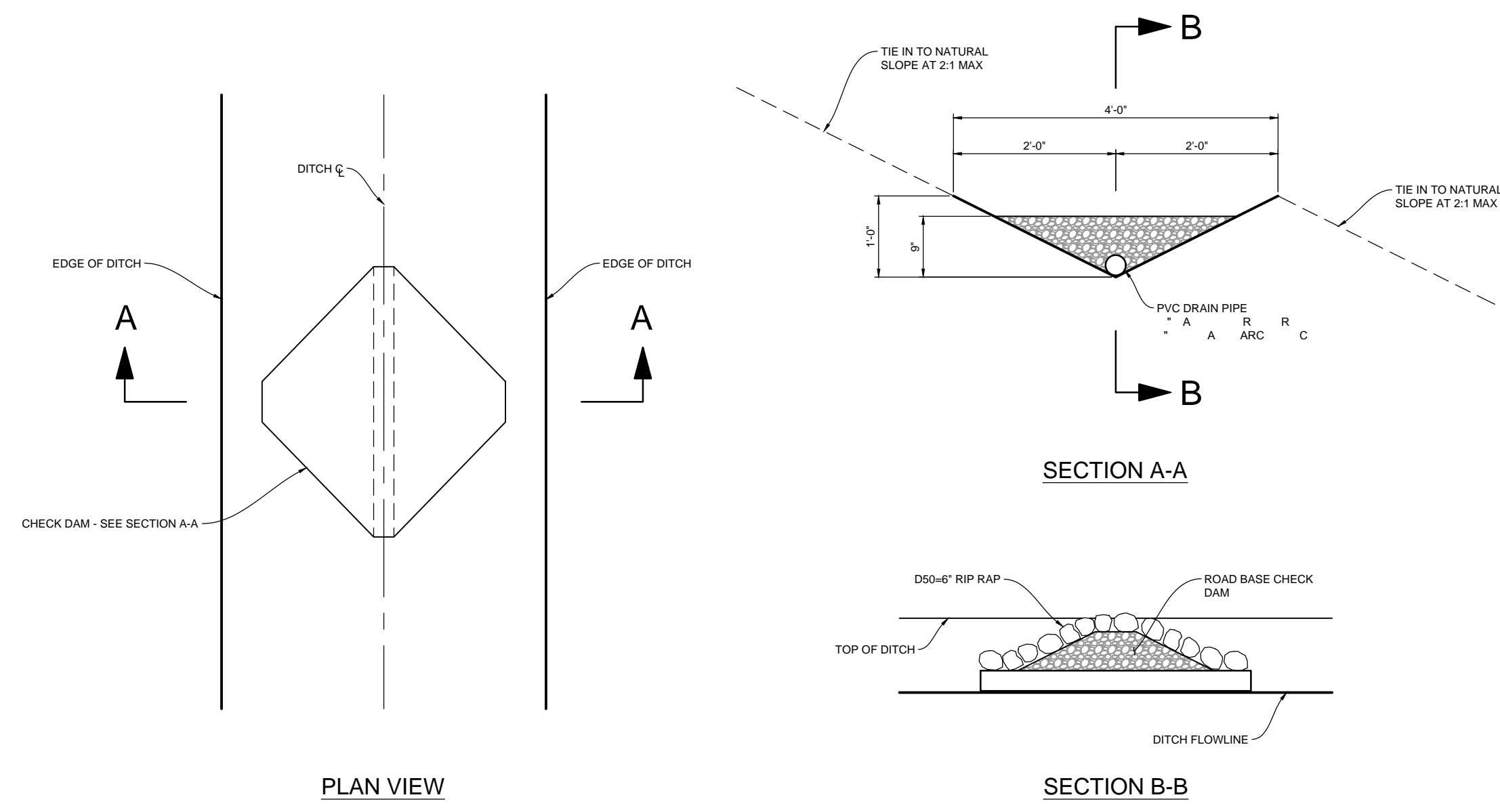
REGISTERED PROFESSIONAL ENGINEER  
 No. 7899506  
 RYAN J. CATHEY  
 STATE OF UTAH

SHEET NUMBER  
**6.03**

SCALE  
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 HORIZONTAL: 1" = N/A

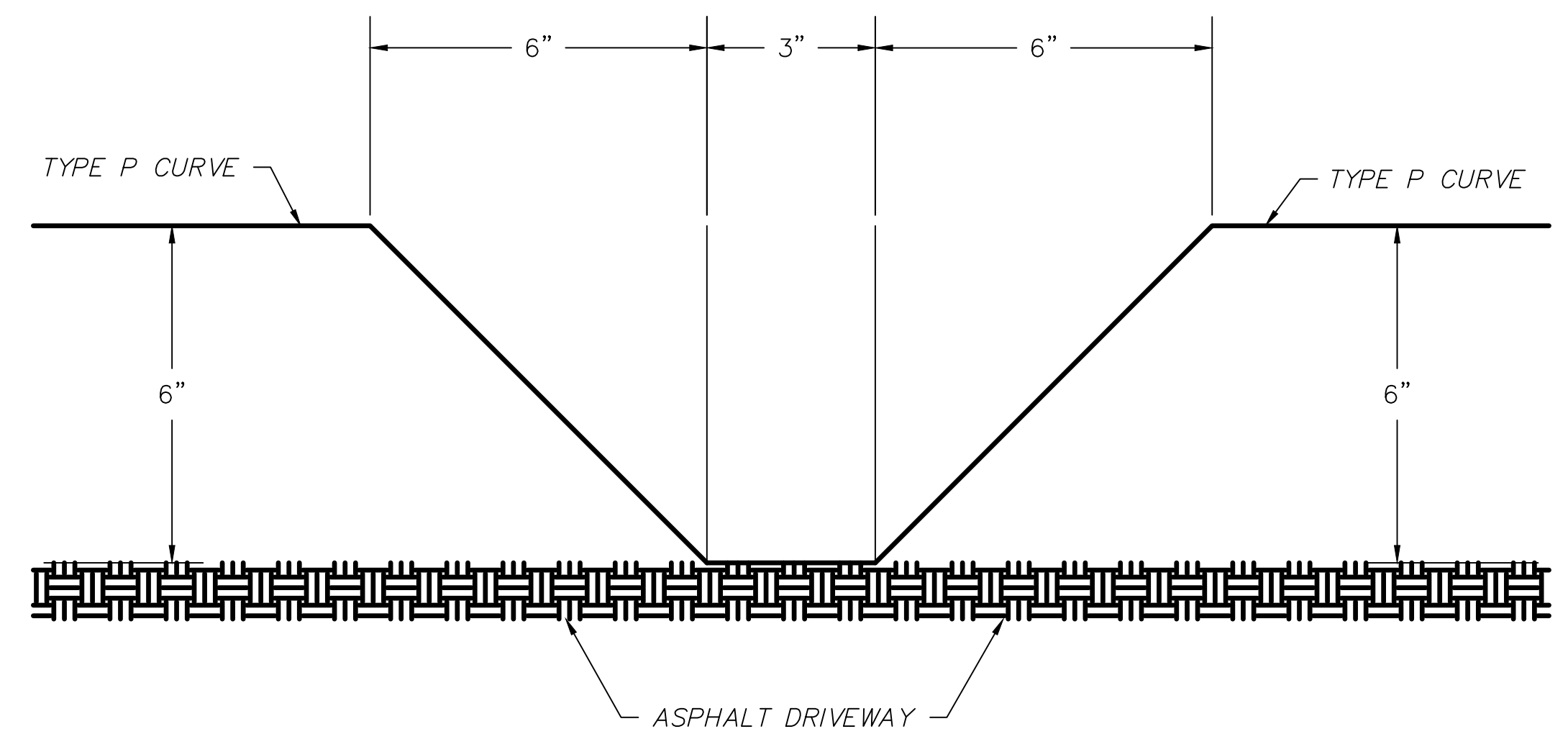
JOB NUMBER  
**SLB0793**

BEFORE YOU DIG  
 CALL 877-872-5828  
 BLUE STAKES 1 800 882 8778

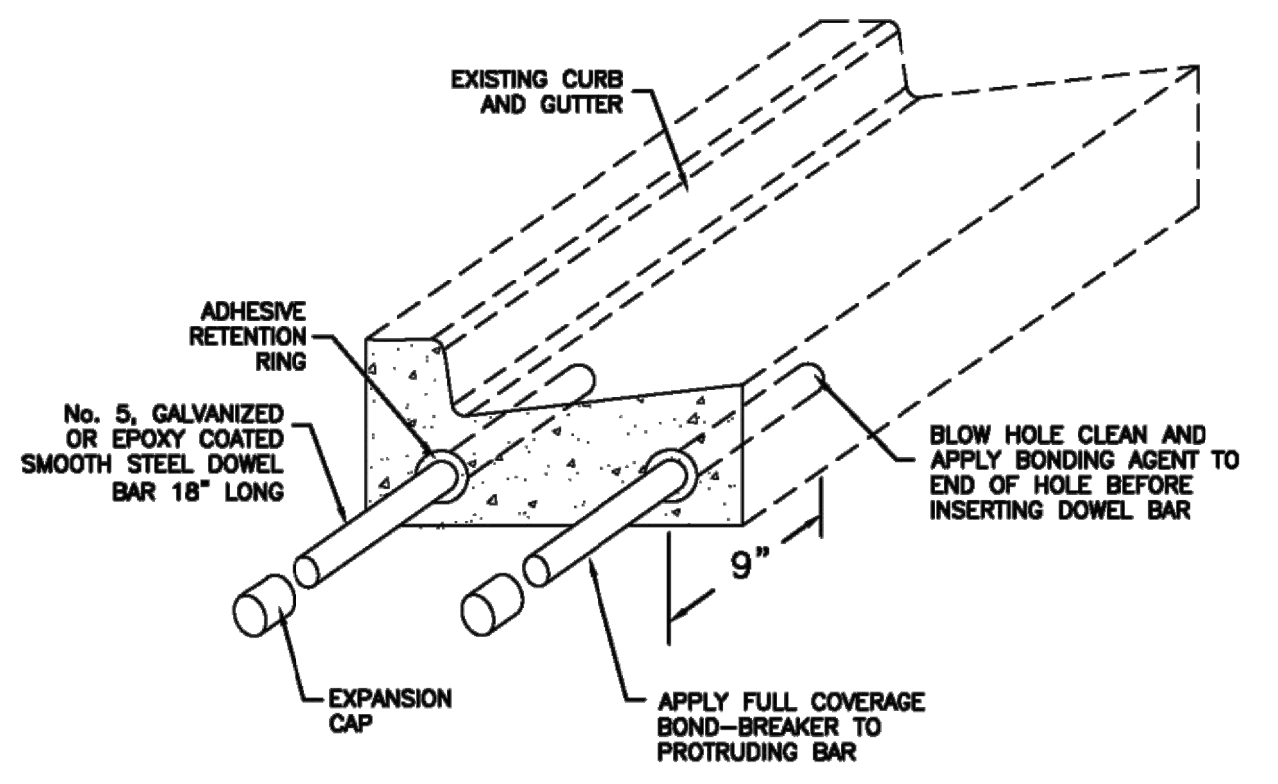


- Curb and gutter connection**
- GENERAL**
    - A. Connect new curb and gutter to existing curb and gutter that has not been placed by CONTRACTOR.
  - PRODUCTS**
    - A. Reinforcement: Galvanized or epoxy coated, 60 ksi yield grade steel, ASTM A 615.
    - B. Adhesive: Epoxy adhesive grout, APWA Section 03 61 00.
    - C. Bond Breaker: Paraffin wax, lithium grease, or other semi-solid, inert lubricant.
    - D. Expansion Cap: Plastic, with bar movement allowance of 1/2-inch.
  - EXECUTION**
    - A. Ensure drill rigs (or jigs) are set at mid-depth of the gutter and horizontal to the surface. Make hole size large enough to account for dowel bar and adhesive.
    - B. Clean holes and dowel bars of dirt, dust and particles. Ensure coating on bars have no surface defects.
    - C. Place bonding agent in the back of each hole so adhesive flows out around each bar fully encasing it. DO NOT apply adhesive to end of the bar and then insert the bar into the hole.
    - D. Insert dowels with at least one full turning motion and if necessary, place a grout retention disk on the dowel after insertion to contain adhesive.
    - E. Apply complete coverage of bond-breaker on the protruding end of each dowel.
    - F. Install expansion caps on protruding dowel bar ends.

**CHECK DAM DETAIL**  
 VAR NTS



**CURB CUT DETAIL**  
 604 NTS

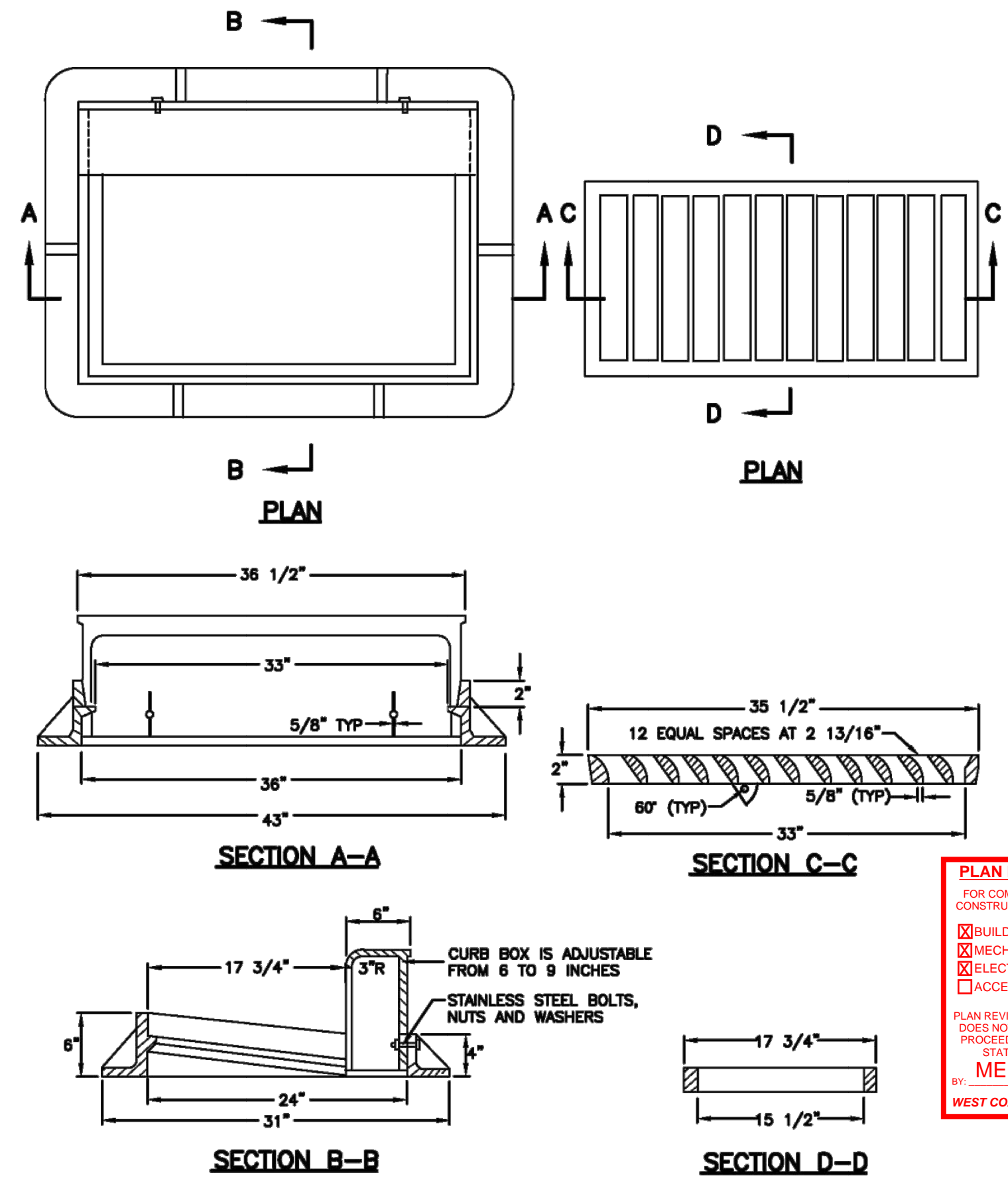


**Curb and gutter connection**  
 Plan 206

June 2009

33

- 35 1/2" Grate and frame**
- GENERAL**
    - A. The grate and frame fits concrete boxes in Plan 315.
  - PRODUCTS**
    - A. Castings: Grey iron class 35 minimum per ASTM A 48, coated with asphalt based paint or better.
    - B. Bolts, Nuts, Washers, Accessories: Stainless steel, APWA Section 05 05 23.
  - EXECUTION** (Not used)



**35 1/2" Grate and frame**  
 Plan 308

January 1999

147

**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:  
 BUILDING  STRUCTURAL  
 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE  
 PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
 BY: MEM DATE: 08/24/17  
 WEST COAST CODE CONSULTANTS, INC.



**TALISMAN**  
 CIVIL CONSULTANTS  
 MURRAY, UT 84407  
 6217 SOUTH STATE STREET, SUITE 200  
 801743.8800 TEL. 801743.0800 FAX

SHEET NUMBER  
**6.04**  
 SCALE  
 VERTICAL: 1" = N/A  
 HORIZONTAL: 1" = N/A  
 JOB NUMBER  
**SLB0793**

**HORIZON NEIGHBORHOOD PRUD**  
 DETAILS

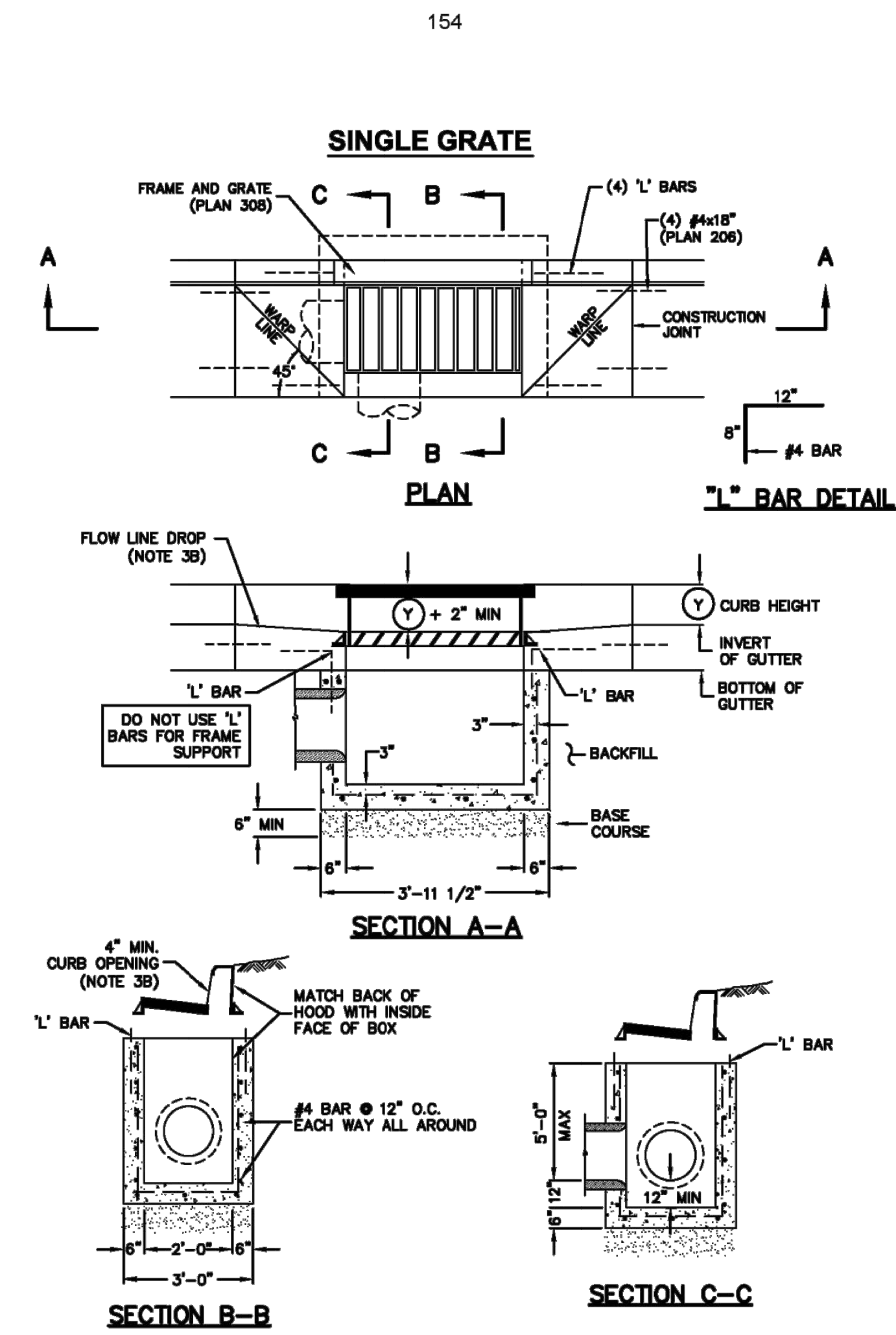
DATE SUBMITTED: 08.03.2017

PREPARED FOR: SUMMIT POWDER MOUNTAIN

REVISIONS:  
 NO. BY DATE  
 The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans, and must be approved by the preparer of these plans.

**Catch basin**

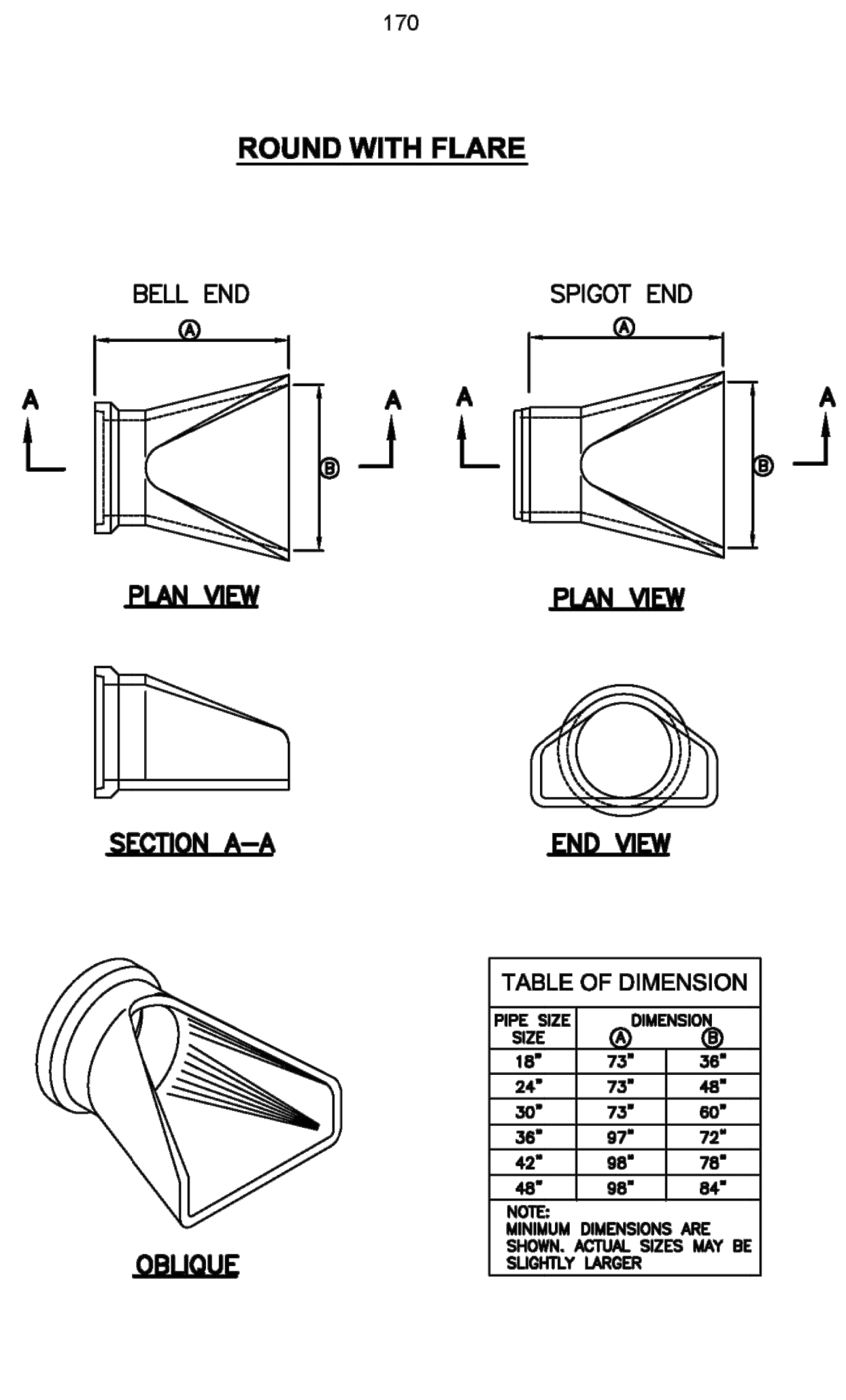
1. **GENERAL**
  - A. The drawing shows typical pipe connections. Refer to construction drawings for connection locations or refer to field location of existing piping when engineering pipe connection to the box.
2. **PRODUCTS**
  - A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
  - B. Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
  - C. Concrete: Class 4000, APWA Section 03 30 04.
  - D. Reinforcement: Deformed, 60 ksi yield grade steel, ASTM A 615.
3. **EXECUTION**
  - A. Base Course Placement: APWA Section 32 11 23. Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
  - B. Curb Face Opening: Make opening at least 4-inches high. Provide at least a 2-inch drop between the "warp line" in the gutter flow-line and the top of the grate at the curb face opening.
  - C. Concrete Placement: APWA Section 03 30 10. Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
  - D. Backfill: Place backfill against the basin wall. Pea gravel and recycled RAP aggregate is NOT ALLOWED. Water jetting is NOT allowed. Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a standard proctor density, APWA Section 31 23 26.



Plan 315  
**Catch basin**  
 September 2010 155 Sheet 1 of 2

**Pipe outfall**

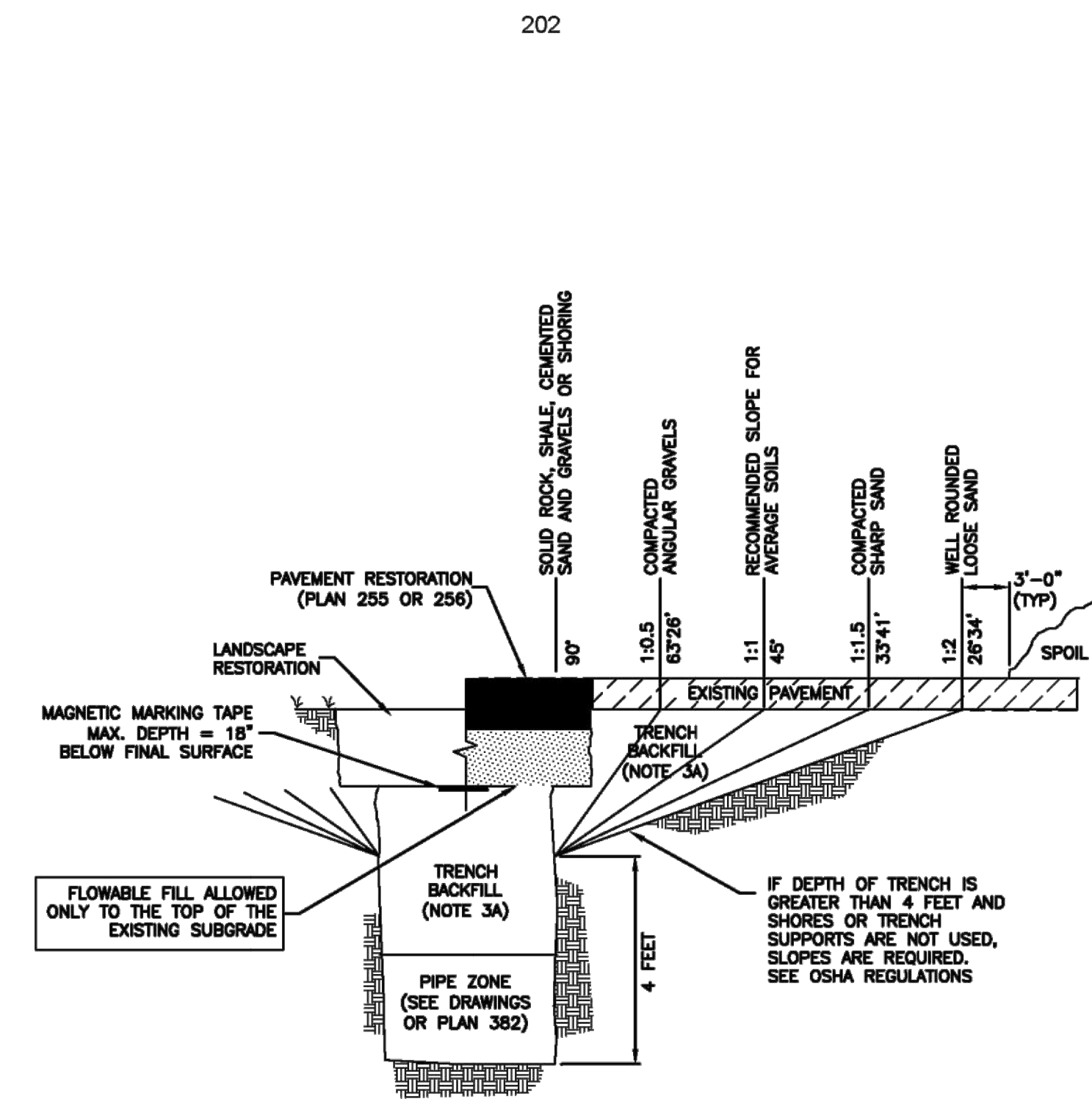
1. **GENERAL**
  - A. Round concrete pipe application.
  - B. Additional requirements are specified in APWA Section 33 05 02.
2. **PRODUCTS**
  - A. Use the same quality of precast end section as the pipe.
  - B. Use the joint material and connection that is the same as the joints in the pipeline.
3. **EXECUTION**
  - A. General dimensions and geometric shapes may vary from manufacturer to manufacturer.
  - B. Steel reinforcement is not required in the concrete end section shown.
  - C. Provide joint restraint connectors if required by ENGINEER.



Plan 323  
**Pipe outfall**  
 November 2010 171 Sheet 1 of 3

**Trench backfill**

1. **GENERAL**
  - A. The drawing applies to backfilling the trench above the pipe zone.
2. **PRODUCTS**
  - A. Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 3-inches.
  - B. Flowable Fill: Target is 60 psi in 28 days with 90 psi maximum in 28 days, APWA Section 31 05 15. It must flow easily requiring no vibration for consolidation.
3. **EXECUTION**
  - A. Trench Backfill:
    - 1) DO NOT USE sewer rock, pea gravel, or recycled RAP aggregate as trench backfill.
    - 2) Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a standard proctor density, APWA Section 31 23 26.
    - 3) Water jetting is NOT allowed.
    - 4) Submission of quality control compaction test result data developed for haunching areas may be requested by ENGINEER at any time. Provide results of tests immediately upon request.
  - B. Flowable Fill: When required, place controlled low strength material in the trench, APWA Section 31 05 15. Cure the fill before placing surface restorations.
  - C. Surface Restoration:
    - 1) Landscaped Surface: Rake to match existing grade. Replace vegetation to match pre-construction conditions. Follow APWA Section 32 92 00 (turf or grass) or APWA Section 32 93 13 (ground cover) requirements.
    - 2) Paved Surface: Do not install asphalt or concrete surfacing until trench compaction is acceptable to ENGINEER. Follow APWA Section 33 05 25 (asphalt surfacing), or APWA Section 33 05 25 (concrete surfacing).



Plan 381  
**Trench backfill**  
 January 2011 203

**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
 BY: MEM DATE: 08/24/17  
 WEST COAST CODE CONSULTANTS, INC.

HORIZON NEIGHBORHOOD PRUD  
 DETAILS  
 PREPARED FOR: SUMMIT POWDER MOUNTAIN  
 DATE SUBMITTED: 08.03.2017  
 MURRAY, UT 84407  
**TALISMAN**  
 CIVIL CONSULTANTS  
 5217 SOUTH STATE STREET, SUITE 200  
 801743.8800 TEL. 801743.0800 FAX  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 7899506  
 RYAN W. CATHEY  
 STATE OF UTAH  
 SHEET NUMBER  
**6.05**  
 SCALE  
 VERTICAL: 1" = N/A  
 HORIZONTAL: 1" = N/A  
 JOB NUMBER  
**SLB0793**

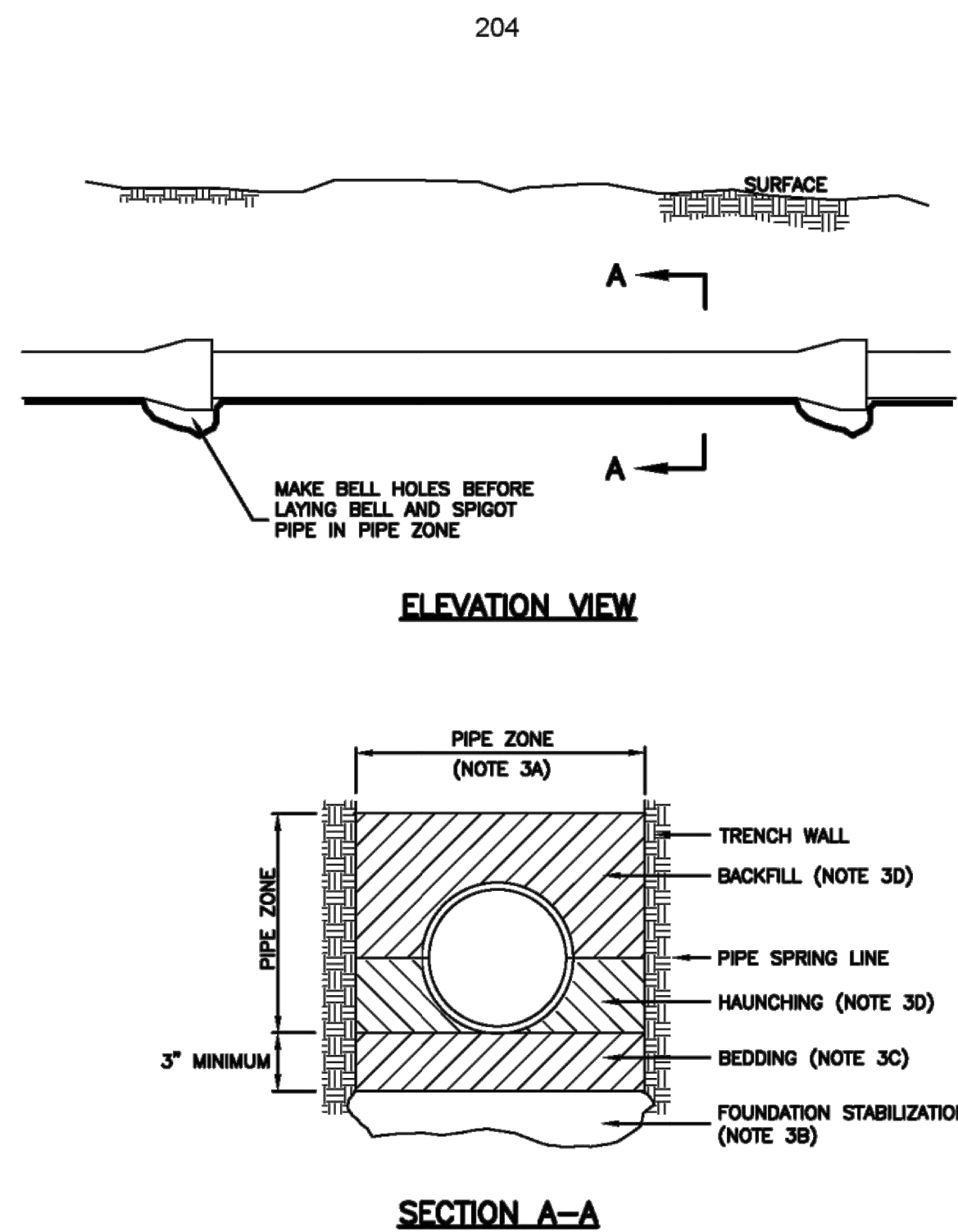
The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. Any such changes or uses must be approved by the preparer of these plans.  
 NO LIAISON





Pipe zone backfill

- GENERAL**
  - Install the pipe in the center of the trench or no closer than 6-inches from the wall of the pipe to the wall of the trench.
- PRODUCTS**
  - Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
  - Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
  - Concrete: APWA Section 03 30 04.
  - Flowable Fill: Target is 60 psi in 28 days with 90 psi maximum in 28 days, APWA Section 31 05 15. It must flow easily requiring no vibration for consolidation.
  - Stabilization-Separation Geotextile: Moderate or high at CONTRACTOR's choice, APWA Section 31 05 19.
- EXECUTION**
  - Excavate the Pipe Zone: Width is measured at the pipe spring line and includes any necessary sheathing. Provide width recommended by pipe manufacturer. Follow manufacturer's recommendations when using trench boxes.
  - Foundation Stabilization: Get ENGINEER's permission before installing common fill. Vibrate to stabilize. Installation of stabilization-separation geotextile will be required to separate backfill material and native subgrade materials if common fill cannot provide a working surface or prevent soils migration.
  - Base Course:
    - Furnish untreated base course material unless specified otherwise by pipe manufacturer.
    - Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
    - When using concrete, provide at least Class 2,000 per APWA Section 03 30 04.
  - Pipe Zone: DO NOT USE sewer rock, pea gravel, or recycled RAP aggregate in the pipe zone. Water jetting is NOT allowed.
    - Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26 unless pipe manufacturer requires more stringent installation.
    - Submission of quality control compaction test result data developed for the haunch zone may be requested by ENGINEER at any time. CONTRACTOR is to provide results of tests immediately upon request.
  - Flowable Fill (when required and if allowed by pipe manufacturer):
    - Place the controlled low strength material, APWA Section 31 05 15.
    - Prevent pipe flotation by installing in lifts and providing pipe restraints as required by pipe manufacturer.
    - Reset pipe to line and grade if pipe "floats" out of position.



**INSTALLATION**  
 CONCRETE PIPE: FOLLOW ASTM C 1479  
 "STANDARD PRACTICE FOR INSTALLATION OF PRECAST CONCRETE SEWER, STORM DRAIN, AND CULVERT PIPE USING STANDARD INSTALLATIONS."  
 PVC AND HDPE PIPE: FOLLOW ASTM D 2321  
 "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS."  
 CORRUGATED METAL PIPE: FOLLOW ASTM A 798  
 "STANDARD PRACTICE FOR INSTALLING FACTORY-MADE CORRUGATED STEEL PIPE FOR SEWERS AND OTHER APPLICATIONS."  
 VITRIFIED CLAY PIPE: FOLLOW ASTM C 12.  
 "STANDARD RECOMMENDED PRACTICE FOR INSTALLING VITRIFIED CLAY PIPE LINES."

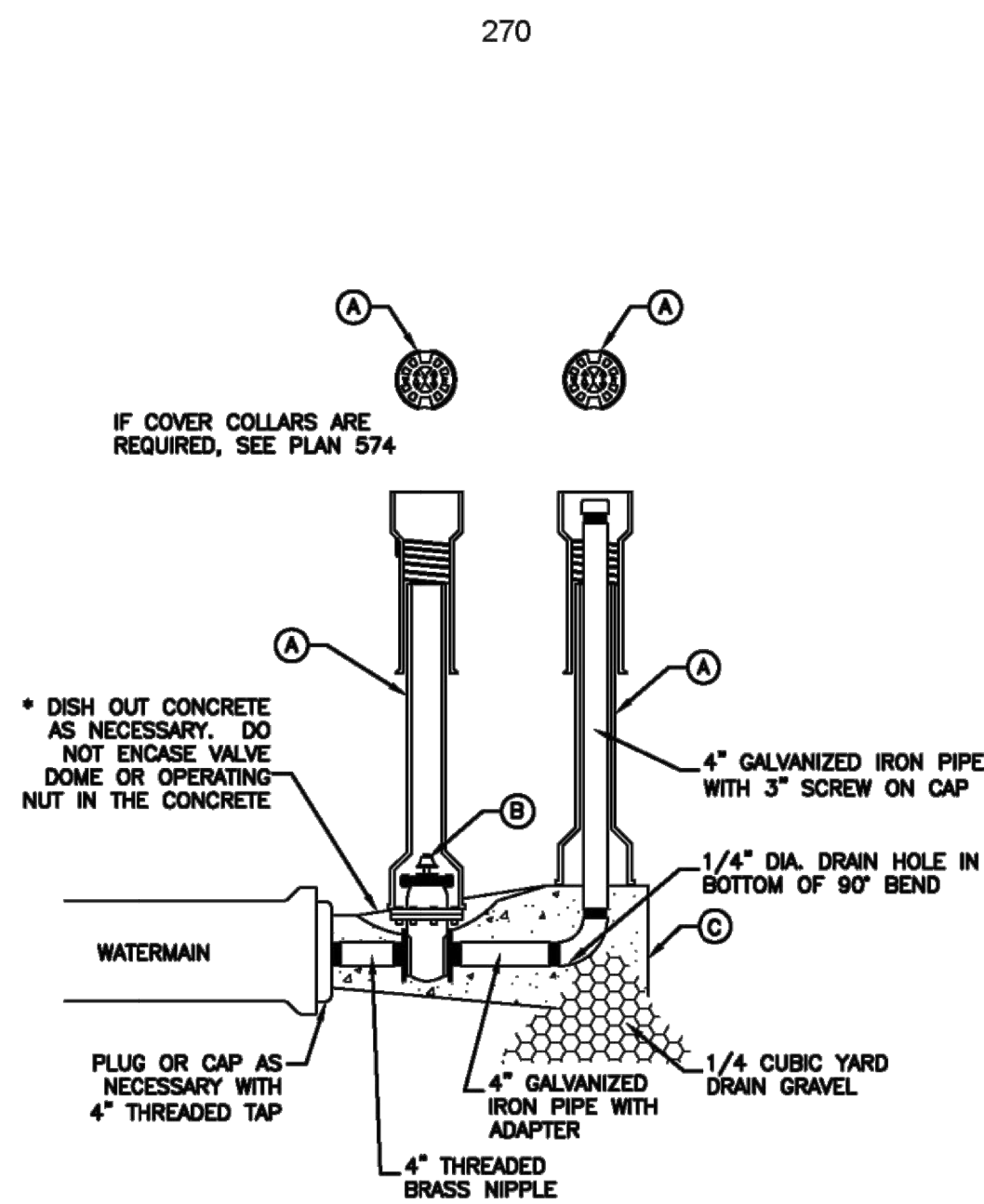
Pipe zone backfill

January 2011

205

4" washout valve

- GENERAL**
  - Before backfilling, secure inspection of installation by ENGINEER.
  - Water mains 12-inches and larger will require a special washout assembly design.
- PRODUCTS**
  - Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
  - Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
  - Concrete: Class 4000, APWA Section 03 30 04.
- EXECUTION**
  - Pour concrete against undisturbed soil.
  - Apply tape wrap to the exterior of all galvanized pipe per AWWA C209.
  - Place plastic sheet at least 6 mils thick over drain gravel to prevent silting.
  - After installation of washout valve assembly, verify the washout valve riser drains to gravel.
  - Backfill and Base Course Placement: Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater of a modified proctor density, APWA Section 31 23 26.



LEGEND		
No.	ITEM	DESCRIPTION
(A)	VALVE BOX WITH LID	2 PIECE CAST IRON
(B)	4" GATE VALVE WITH SCREW ENDS	2" x 2" OPERATING NUT
(C)	CONCRETE THRUST BLOCK	PLAN 561

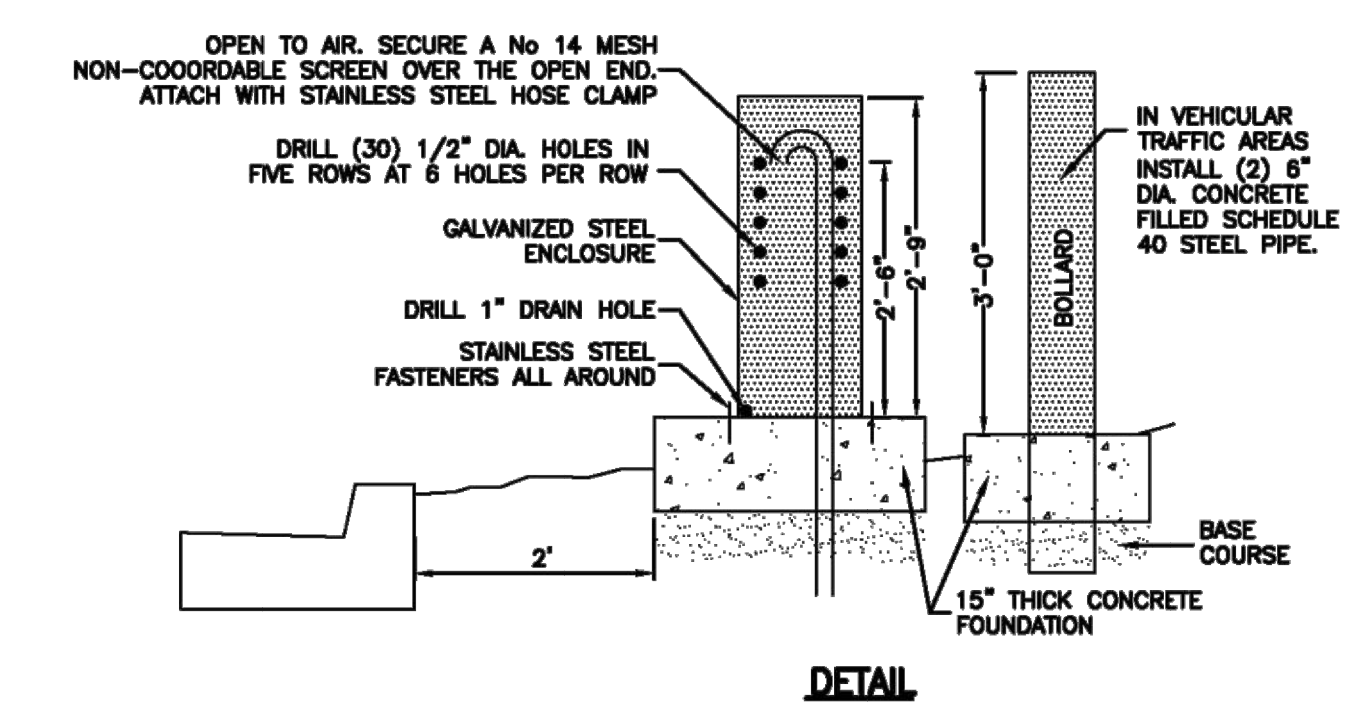
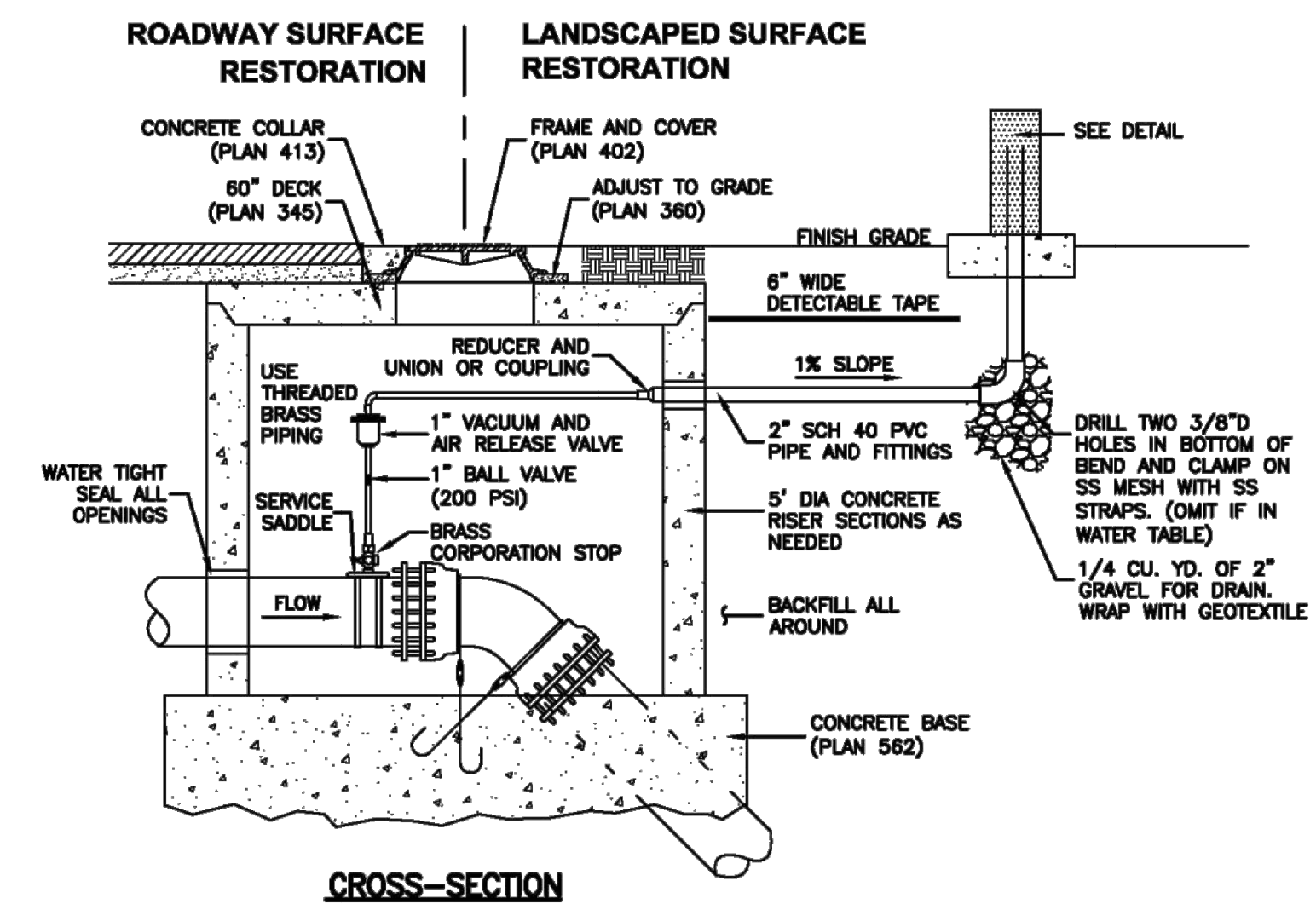
4" Washout valve

February 2011

271

Air release assembly

- GENERAL**
  - This drawing detail is applicable to water main piping less than 16-inches diameter.
  - PCCP, steel, MLCAC and other water main pipe materials will require special detail or design drawings. Submit the design and detail drawings and materials to the ENGINEER for review before installation.
  - Installation in areas of high ground water or potential for water entering the vent pipe will require a special design to be provided by the ENGINEER.
  - Before backfilling around the assembly, secure inspection of installation by ENGINEER.
- PRODUCTS**
  - Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
  - Drain Gravel: Sewer rock, ASTM size no. 3 (2" to 1") or equal, APWA Section 31 05 13.
  - Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
  - Concrete: Class 4000, APWA Section 03 30 04.
  - Manhole: Riser, ASTM C 478.
  - Reinforcement: Deformed, steel, ASTM A 615. Give bars an epoxy coating at least 15 mils thick. Minimum stress yield strength of steel tie-down bars is 70,000 ksi.
  - Small Fittings: Brass. Do not use galvanized materials.
  - PVC Pipe and Fittings: Schedule 40, APWA Section 33 05 07.
  - Water Tight Wall Seal: Waterproof, compressible.
- EXECUTION**
  - Base Course and Backfill Placement: Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.
  - Apply tape wrap to the exterior of all buried steel pipe per AWWA C209.
  - Concrete Placement: APWA Section 03 30 10. Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
  - Service saddle is required on all PVC and AC pipe taps unless specified otherwise. Ductile iron and cast iron pipe may be direct tapped.
  - Seal manhole joints water-tight and ground flush with interior wall.
  - Follow applicable AWWA and NSF standards when connecting piping.
  - If diameter of air relief valve is greater than 2-inches, provide piping to match its diameter from water main connection to open to air.



Air release assembly

February 2011

279

HORIZON NEIGHBORHOOD PRUD  
 DETAILS

**TALISMAN**  
 CIVIL CONSULTANTS

REGISTERED PROFESSIONAL ENGINEER  
 No. 7899506  
 RYAN W. CATHEY  
 STATE OF UTAH

SHEET NUMBER  
**6.06**

SCALE  
 VERTICAL: 1" = N/A  
 HORIZONTAL: 1" = N/A

JOB NUMBER  
**SLB0793**

DATE SUBMITTED: 08.03.2017

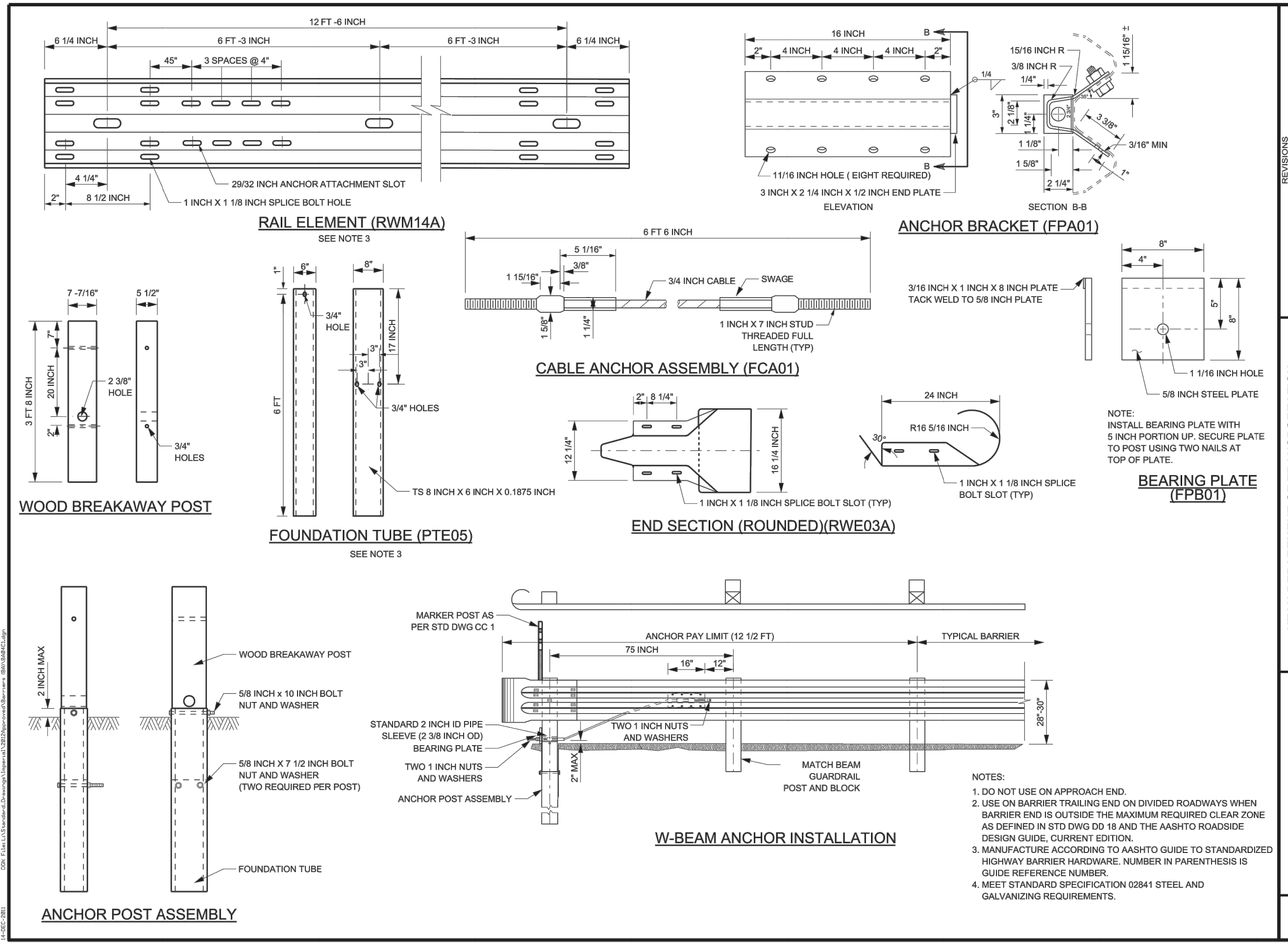
PREPARED FOR: SUMMIT POWDER MOUNTAIN

MURRAY, UT 84407

5217 SOUTH STATE STREET, SUITE 200  
 801743.8800 TEL. 801743.0800 FAX

**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.  
 BUILDING  STRUCTURAL  
 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE  
 PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
 BY: MEM DATE: 08/24/17  
 WEST COAST CODE CONSULTANTS, INC.





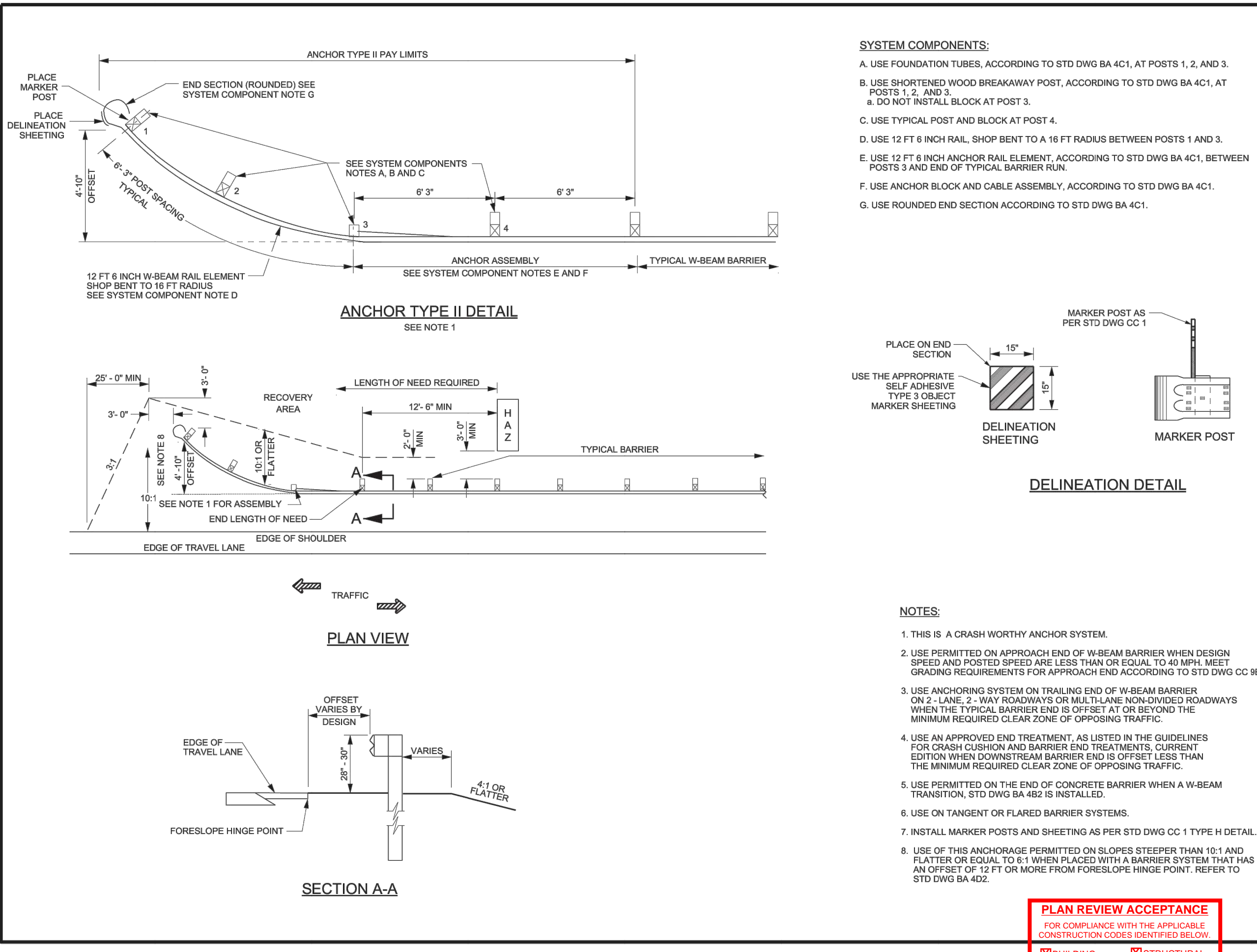
REVISIONS

NO.	DATE	DESCRIPTION

UTAH DEPARTMENT OF TRANSPORTATION  
 STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION  
 RECOMMENDED FOR USE BY UTAH  
 JANU 2012  
 CHAIRMAN: STANLEY L. JOHNSON  
 APPROVED: [Signature]  
 COUNTY DIRECTOR

W-BEAM GUARDRAIL ANCHOR TYPE I  
 STANDARD DRAWING TITLE

STD. DWG. NO. BA 4C1



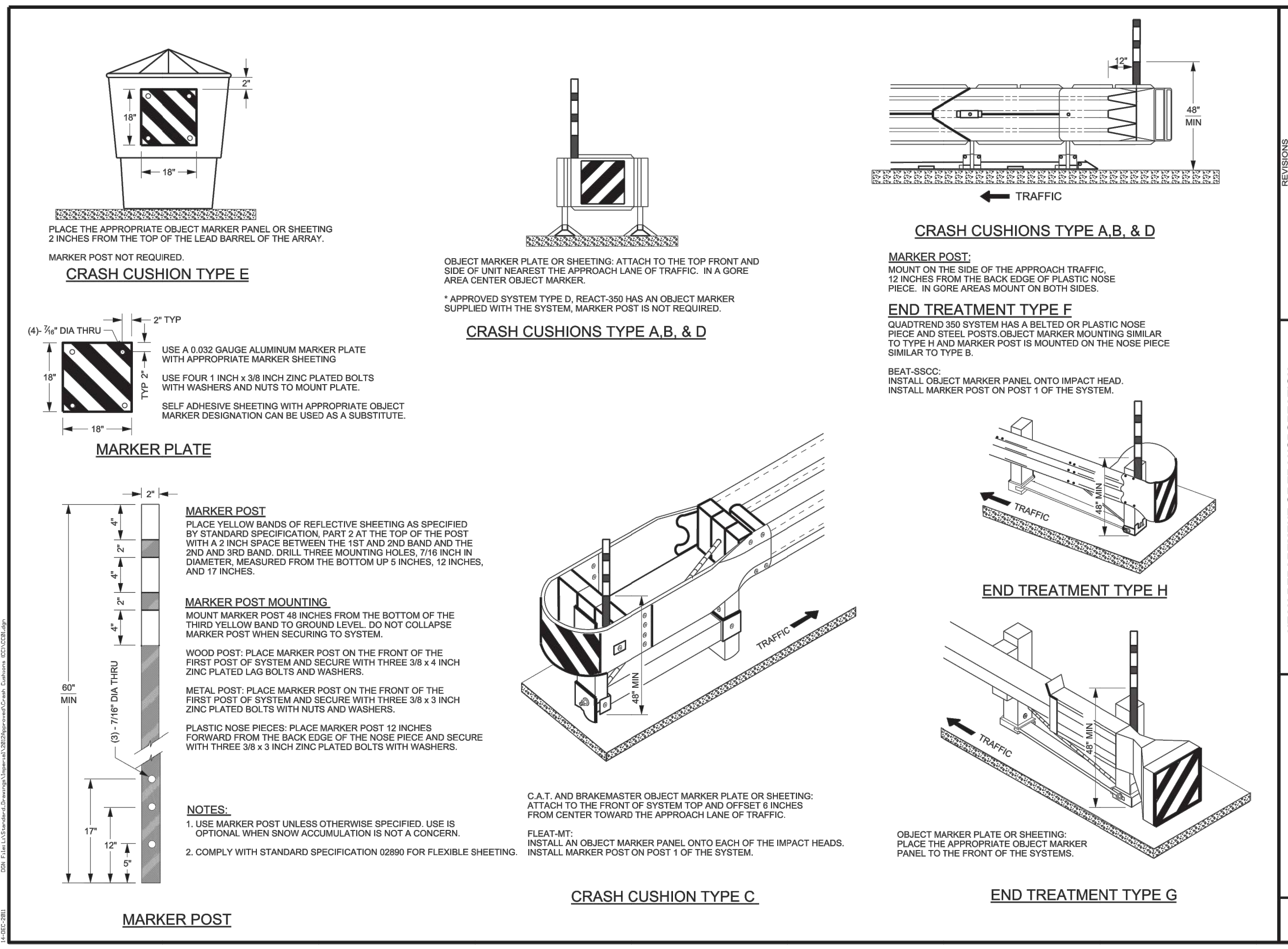
REVISIONS

NO.	DATE	DESCRIPTION

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 COUNTY DIRECTOR

W-BEAM GUARDRAIL ANCHOR TYPE II  
 STANDARD DRAWING TITLE

STD. DWG. NO. BA 4C2



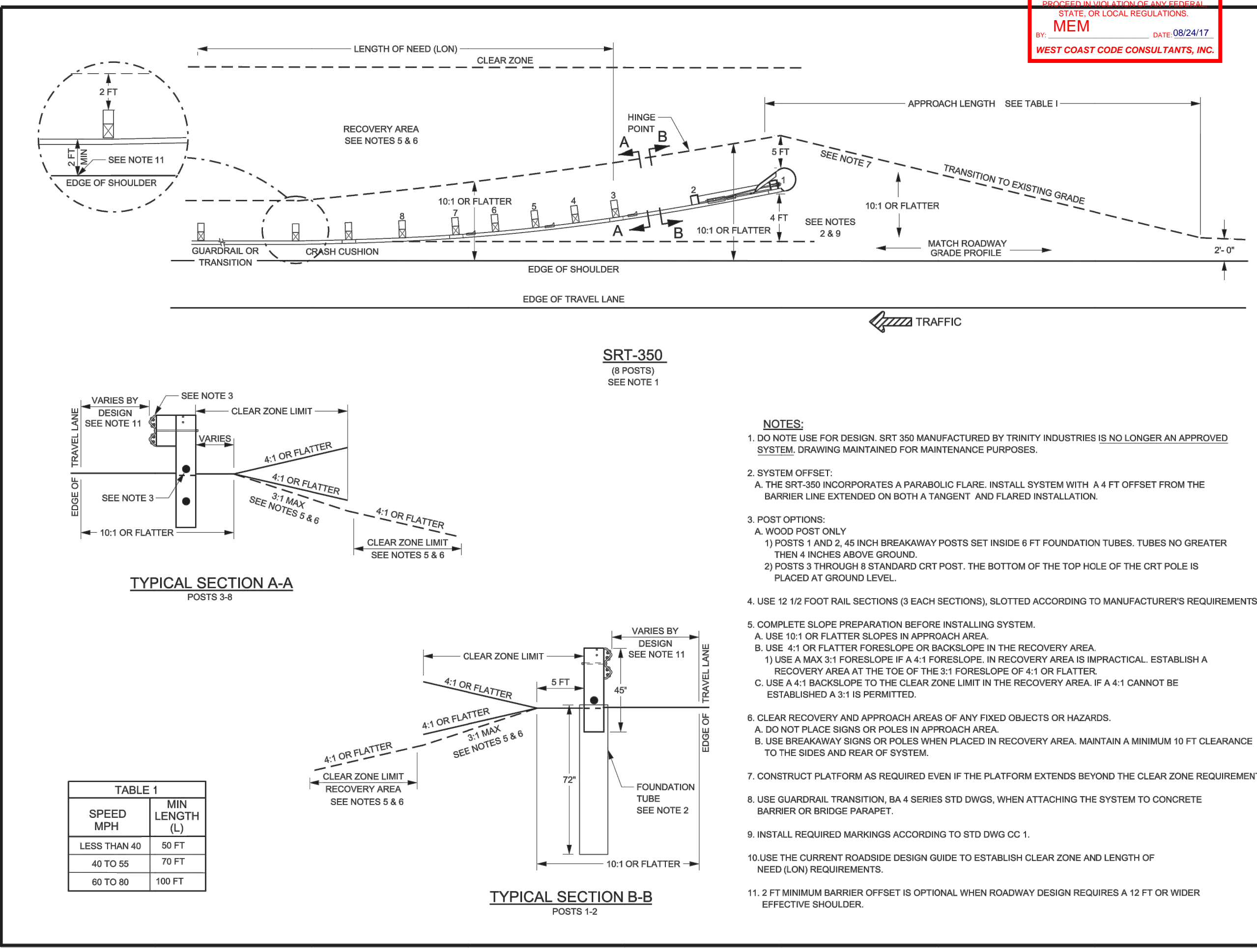
REVISIONS

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 COUNTY DIRECTOR

CRASH CUSHION AND END TREATMENT MARKINGS  
 STANDARD DRAWING TITLE

STD. DWG. NO. CC 1



REVISIONS

NO.	DATE	DESCRIPTION

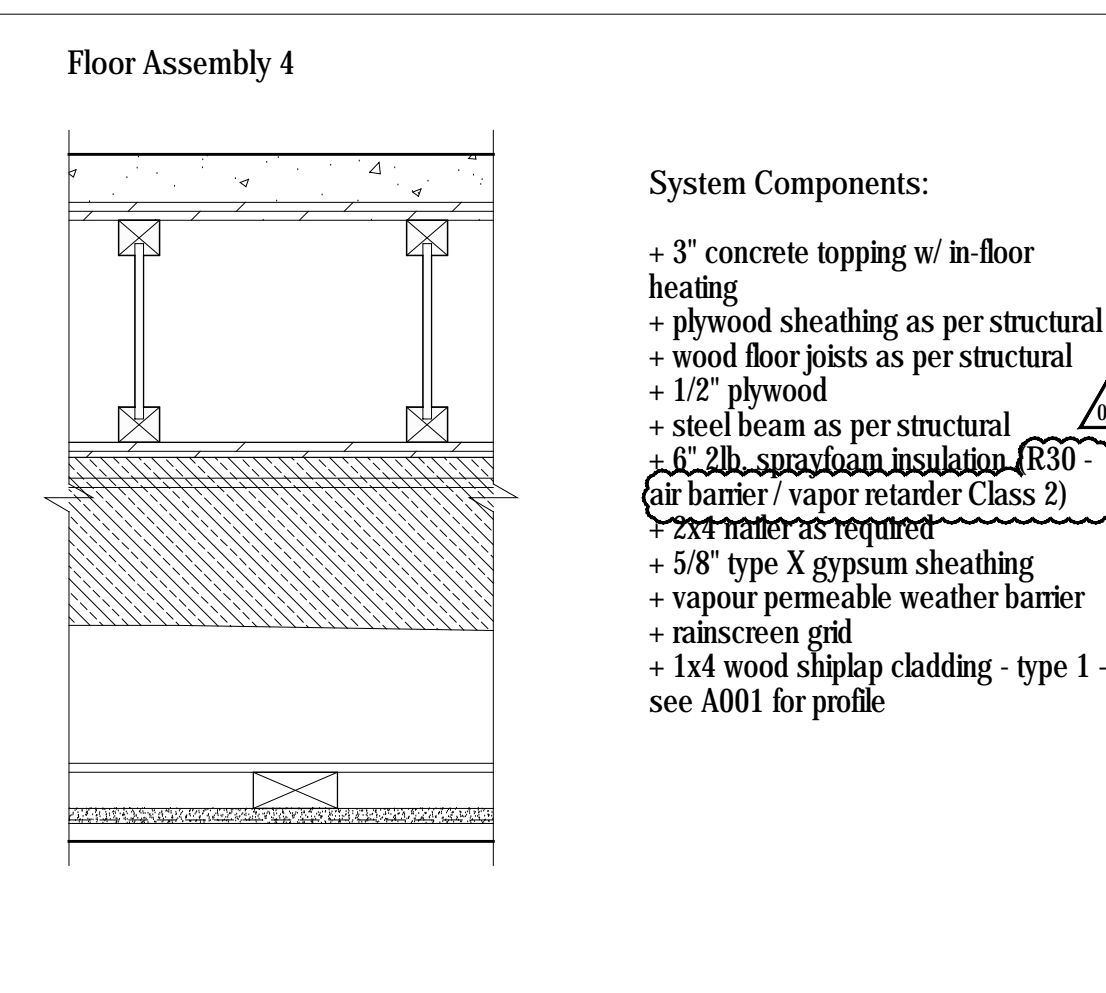
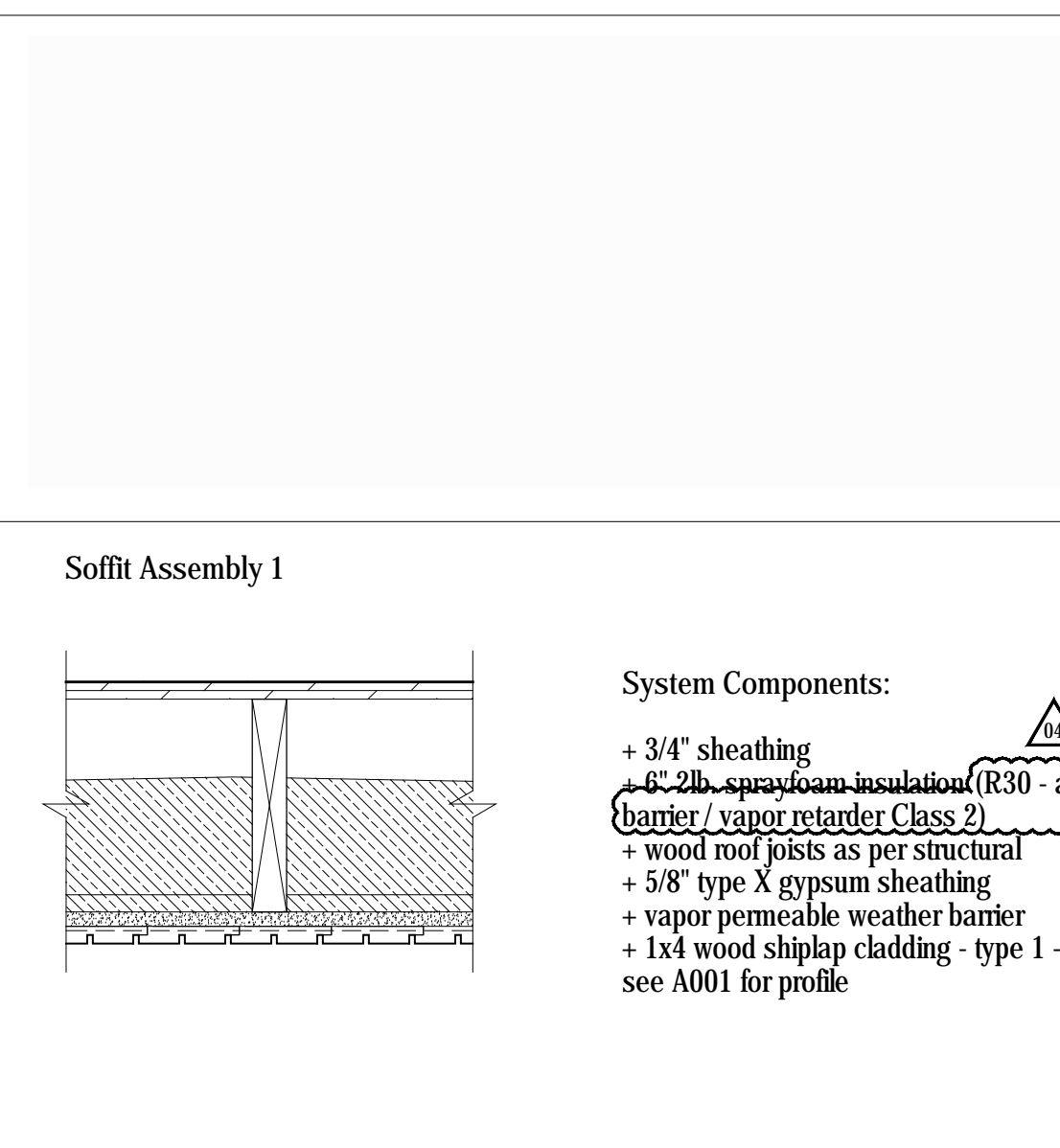
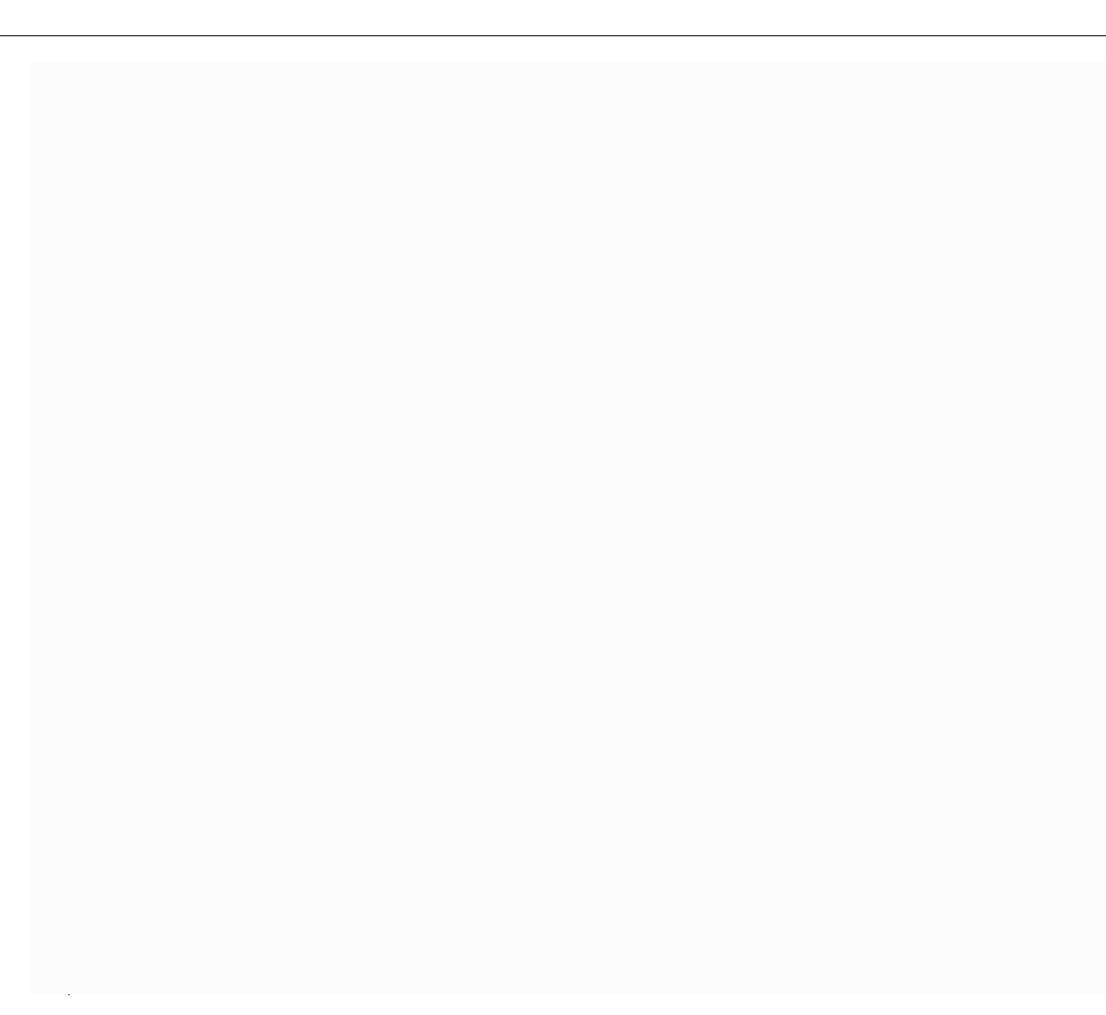
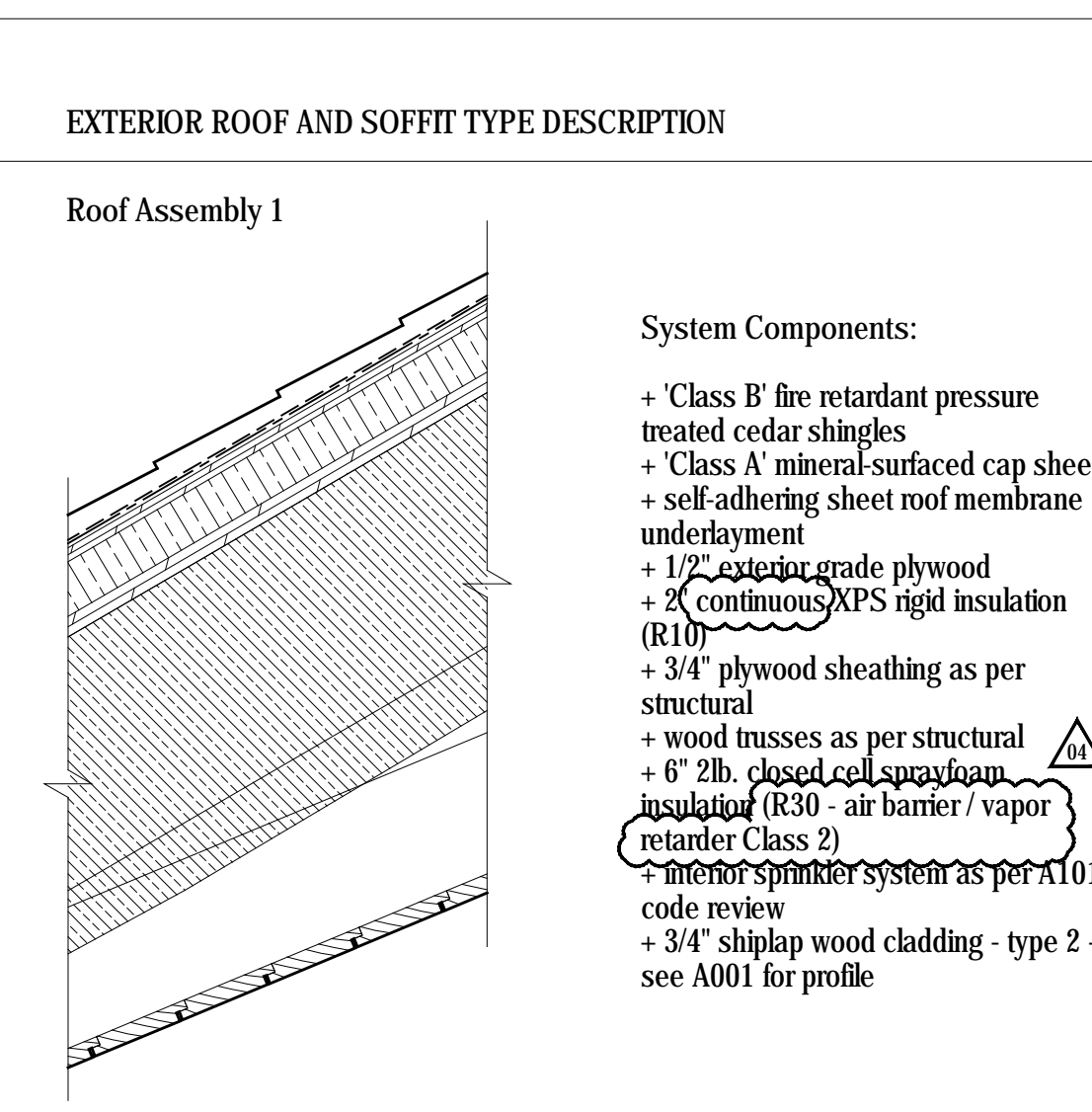
UTAH DEPARTMENT OF TRANSPORTATION  
 STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION  
 RECOMMENDED FOR USE BY UTAH  
 JANU 2012  
 CHAIRMAN: STANLEY L. JOHNSON  
 APPROVED: [Signature]  
 COUNTY DIRECTOR

MAINTENANCE ONLY  
 INSTALLATION DETAILS  
 END TREATMENT TYPE H  
 STANDARD DRAWING TITLE

STD. DWG. NO. CC 1

TYPE	INTERIOR WALL TYPE DESCRIPTION	TYPE	INTERIOR WALL TYPE DESCRIPTION
P1	+ 1/2" GWB, PTD + 2x6 studs @ 16" o.c. + 1/2" GWB, PTD	P10	+ 1x4 horizontal shiplap wood cladding - type 2 + 2x2 furring + 2x6 studs @ 16" o.c. + 1/2" GWB, PTD
P2	+ 1/2" GWB, PTD + 2x6 studs @ 16" o.c. + 5 1/2" acoustic batt in cavity + 1/2" GWB, PTD	P11	+ 1/2" GWB, PTD + 2x6 studs @ 16" o.c. + 5 1/2" acoustic batt in cavity + 2x6 studs @ 16" o.c. + 1/2" GWB, PTD
P3	+ 1x4 vertical shiplap wood cladding - type 1 + 1x2 horizontal wood strapping as required + 2x6 studs @ 16" o.c. + 5 1/2" acoustic batt in cavity + 1/2" GWB, PTD	P12	+ tile as per spec + 5/8" tile backer board + 2x6 studs @ 16" o.c. + 5 1/2" acoustic batt in cavity + 2x6 studs @ 16" o.c. + 1/2" GWB, PTD
P4	+ tile as per spec + 5/8" tile backer board + 2x6 studs @ 16" o.c. + 5 1/2" acoustic batt in cavity + 5/8" tile backer board + 1/2" GWB, PTD	P13	+ 1x4 horizontal shiplap wood cladding - type 2 + 2x6 studs @ 16" o.c. + 5 1/2" acoustic batt in cavity + 2x6 studs @ 16" o.c. + 1/2" GWB, PTD
P5	+ tile as per spec + 5/8" tile backer board + 2x6 studs @ 16" o.c. + 5 1/2" acoustic batt in cavity + 5/8" tile backer board + tile as per spec	P14	+ 1x4 vertical shiplap wood cladding - type 1 + 1x2 horizontal wood strapping as required + 2x6 studs @ 16" o.c. + 5 1/2" acoustic batt in cavity + 5/8" tile backer board + tile as per spec
P6	+ 1x4 horizontal shiplap wood cladding - type 2 + 2x6 studs @ 16" o.c. + 5 1/2" acoustic batt in cavity + 1/2" GWB, PTD	P15	+ 1x4 vertical shiplap wood cladding - type 1 + 1x2 horizontal wood strapping as required + 2x6 studs @ 16" o.c. + 5 1/2" acoustic batt in cavity + 1x4 vertical shiplap wood cladding - type 1
P7	+ 1x4 vertical shiplap wood cladding - type 1 + 1x2 horizontal wood strapping as required + 2x8 studs @ 16" o.c. + 5 1/2" acoustic batt in cavity + 1/2" GWB, PTD	P16	+ tile as per spec + 5/8" tile backer board + 2x6 studs on the flat + 5/8" tile backer board + tile as per spec
P8	+ 1x4 vertical shiplap wood cladding - type 1 + 2x4 studs on the flat @ 16" o.c. horizontally blocked to support vertical wood cladding + 5" cavity for sliding doors + 2x4 studs on the flat @ 16" o.c. + 1/2" GWB, PTD	P17	+ 1x4 horizontal shiplap wood cladding - type 2 + 2x6 studs @ 16" o.c. + 5 1/2" acoustic batt in cavity + 5/8" tile backer board + tile as per spec
P9	+ 1x4 vertical shiplap wood cladding - type 1 + 1x2 horizontal wood strapping as required + 2x6 studs @ 16" o.c. + 5 1/2" acoustic batt in cavity + 2 3/4" blocking + 1/2" GWB, PTD	P18	+ 1x4 horizontal shiplap wood cladding - type 2 + 2x6 studs @ 16" o.c. + 5 1/2" acoustic batt in cavity + 1x2 furring + 1/2" GWB, PTD

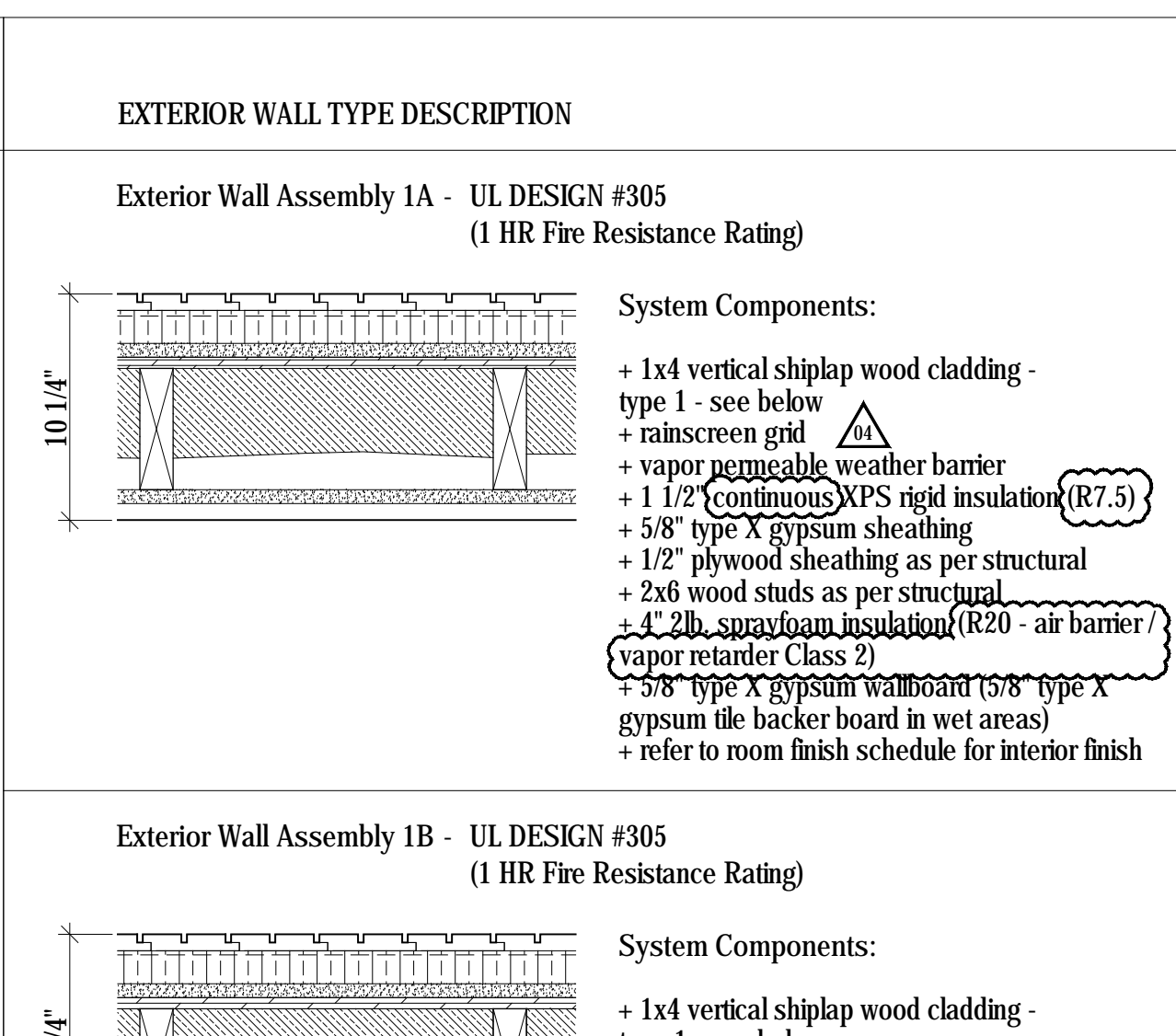
3 Partition Type Legend  
Scale 1 1/2" = 1'-0"



**Floor Assembly 4**

**System Components:**

- + 3" concrete topping w/ in-floor heating
- + plywood sheathing as per structural
- + wood floor joists as per structural
- + 1/2" plywood
- + steel beam as per structural
- + 6" 2lb. sprayfoam insulation (R30 - air barrier / vapor retarder Class 2)
- + 2x4 filler as required
- + 5/8" type X gypsum sheathing
- + vapour permeable weather barrier
- + rainscreen grid
- + 1x4 wood shiplap cladding - type 1 - see A001 for profile



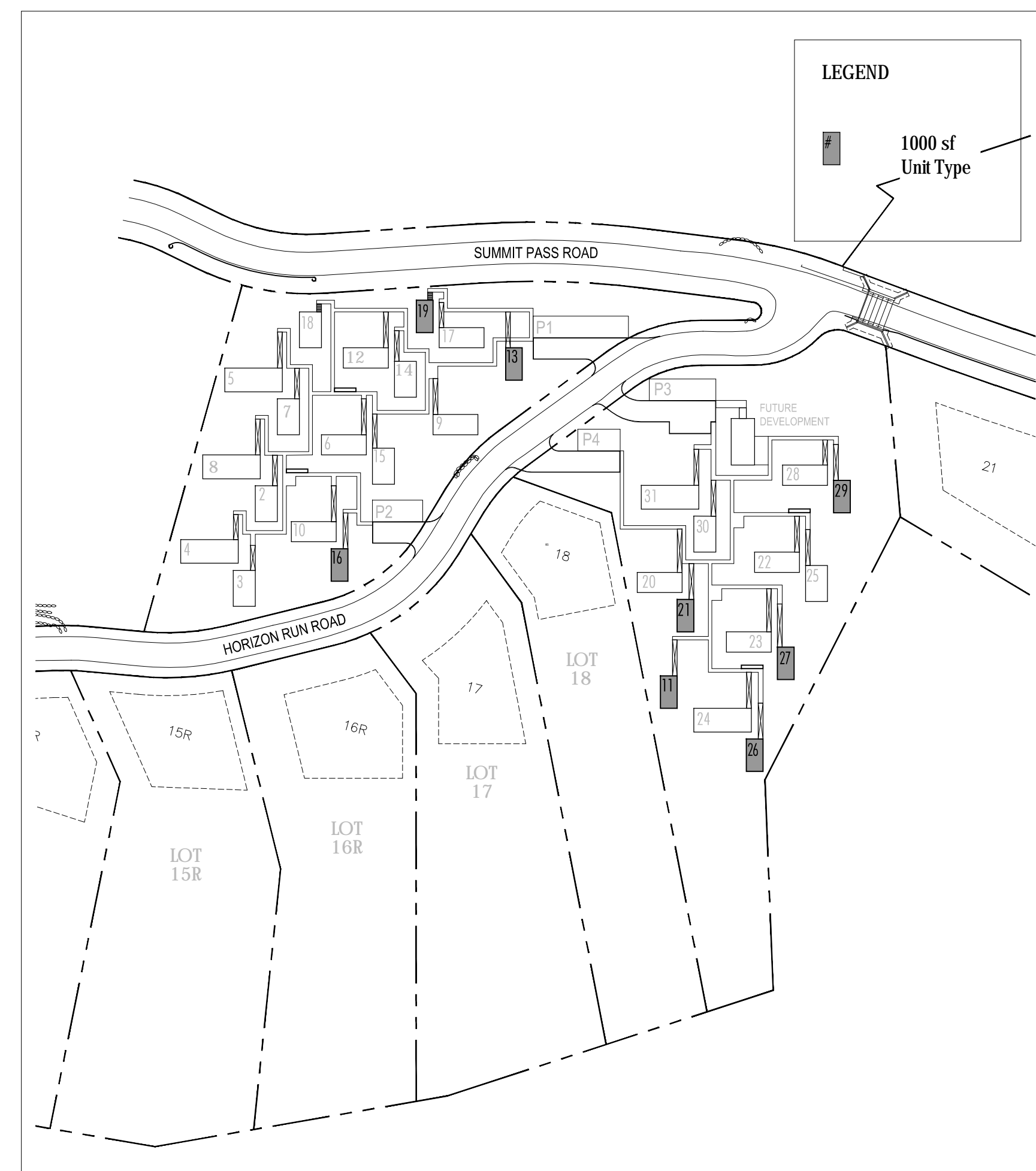
**Key Plan**  
Scale 1/128" = 1'-0"

AD	AREA DRAIN
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
ALUM	ALUMINUM
ANOD	ANODIZED
BSMT	BASEMENT
BYOND	BEYOND
BOT	BOTTOM
B/W	BETWEEN
CHNL	CHANNEL
CJ	CONTROL JOINT
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COF	CENTERLINE OF WOOD FRAMING
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CPT	CARPET
CT	CERAMIC TILE
DBL	DOUBLE
DIA	DIAMETER
DMS	DIMENSIONS
DN	DOWN
DR	DOOR
DWG	DRAWING
EA	EACH
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR / ELEVATION
EQ	EQUAL
FOF	FACE OF WOOD FRAMING
FDN	FOUNDATION
GA	GAUGE
GALV	GALVANIZED
GWB	GYPSTUM WALL BOARD
HC	HOLLOW CORE
HIC	HIGH
HM	HOLLOW METAL
HP	HIGH POINT
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
I/O	IN LIEU OF
INSUL	INSULATED
INT	INTERIOR
LO	LOW

**NOTES:**

- See A102 for Room Finish Schedule
- A permanent certificate shall be completed and located in an approved location that lists the predominant R-values of the insulation installed in the ceiling/roof, walls, foundation and ducts outside conditioned spaces and U-factors for fenestration.
- Building thermal envelope to be sealed with 6mil Poly Air Barrier where continuity of 2lb. closed cell sprayfoam is interrupted to ensure continuity of air barrier.

1 Abbreviations



2 Key Plan  
Scale 1/128" = 1'-0"

4	Issued for Const. Rev. 2	15.08.2017
03	Issued for Const. Rev. 1	21.07.2017
02	Issued for Construction	17.03.2017
01	Issued for FDN Permit	28.10.2016
No.	Description	Date

**NOTES:**

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ENGINEER'S REQUIREMENTS AND APPROVALS: It is the Builder's responsibility to notify MacKay-Lyons Sweetapple Architects Ltd. and to seek prior written approval for materials and workmanship which deviates from instructions provided by the Engineer.

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SHOP DRAWINGS: Submit shop drawings to the Architect and Engineer for approval prior to manufacture of prefabricated elements of the building.

**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:

BUILDING  STRUCTURAL  
 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

MEM 08/24/17  
WEST COAST CODE CONSULTANTS, INC.

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1 Abbreviations

Horizon Neighborhood Cabins

Mackay-Lyons Sweetapple Architects Limited

2188 Gottingen St. Halifax, Nova Scotia Canada B3K 3B4

ph: (902) 429.1867 fax: (902) 429.6276

STATE OF UTAH  
Brian Mackay-Lyons  
No. 9809836  
LICENSED ARCHITECT

4	Issued for Const. Rev. 2	15.08.2017
03	Issued for Const. Rev. 1	21.07.2017
02	Issued for Construction	17.03.2017
01	Issued for FDN Permit	28.10.2016
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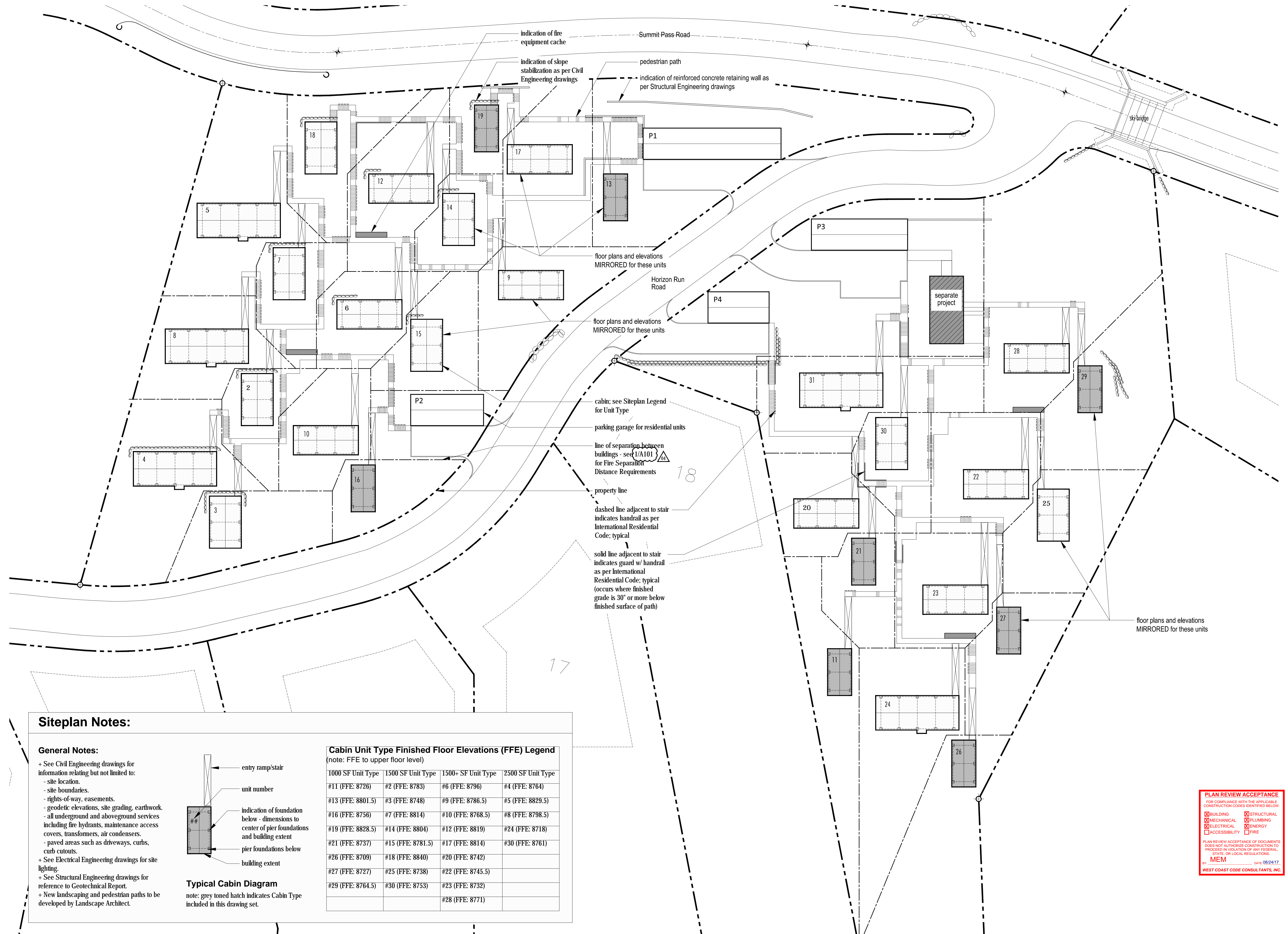
Cabin 1000

Abbreviations, Key Plan & Partition Types

scale: varies  
date: 16-07-18  
drawn: MJ/JL  
chk'd: BML

A001

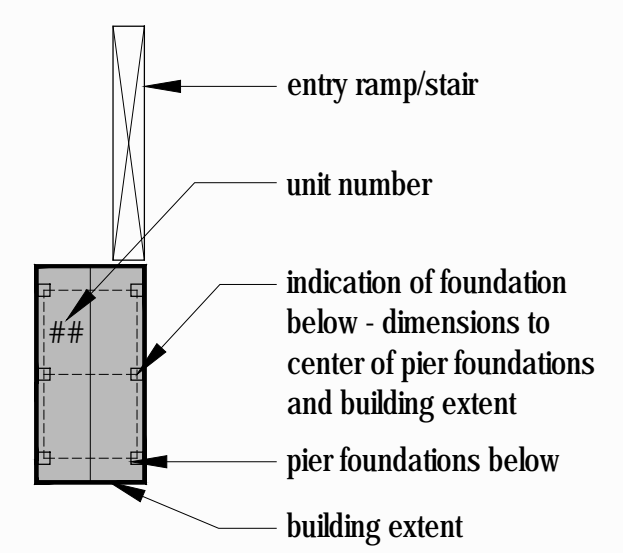
Mackay-Lyons Sweetapple Architects Limited  
 2188 Gottingen St. Halifax, Nova Scotia Canada B3K 3B4  
 ph: (902) 429.1867 fax: (902) 429.6276



**Siteplan Notes:**

**General Notes:**

- + See Civil Engineering drawings for information relating but not limited to:
  - site location.
  - site boundaries.
  - rights-of-way, easements.
  - geodetic elevations, site grading, earthwork.
  - all underground and aboveground services including fire hydrants, maintenance access covers, transformers, air condensers.
  - paved areas such as driveways, curbs, curb cutouts.
- + See Electrical Engineering drawings for site lighting.
- + See Structural Engineering drawings for reference to Geotechnical Report.
- + New landscaping and pedestrian paths to be developed by Landscape Architect.



**Typical Cabin Diagram**  
 note: grey toned hatch indicates Cabin Type included in this drawing set.

**Cabin Unit Type Finished Floor Elevations (FFE) Legend**  
 (note: FFE to upper floor level)

1000 SF Unit Type	1500 SF Unit Type	1500+ SF Unit Type	2500 SF Unit Type
#11 (FFE: 8726)	#2 (FFE: 8783)	#6 (FFE: 8796)	#4 (FFE: 8764)
#13 (FFE: 8801.5)	#3 (FFE: 8748)	#9 (FFE: 8786.5)	#5 (FFE: 8829.5)
#16 (FFE: 8756)	#7 (FFE: 8814)	#10 (FFE: 8768.5)	#8 (FFE: 8798.5)
#19 (FFE: 8828.5)	#14 (FFE: 8804)	#12 (FFE: 8819)	#24 (FFE: 8718)
#21 (FFE: 8737)	#15 (FFE: 8781.5)	#17 (FFE: 8814)	#30 (FFE: 8761)
#26 (FFE: 8709)	#18 (FFE: 8840)	#20 (FFE: 8742)	
#27 (FFE: 8727)	#25 (FFE: 8738)	#22 (FFE: 8745.5)	
#29 (FFE: 8764.5)	#30 (FFE: 8753)	#23 (FFE: 8732)	
		#28 (FFE: 8771)	

No.	Description	Date
04	Issued for Const. Rev. 2	15.08.2017
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Revision:

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 BY: MEM DATE: 08/24/17  
 WEST COAST CODE CONSULTANTS, INC.

**Project: POWDER MOUNTAIN CABIN 1000 CODE ANALYSIS**

Project No.		x	User Input
Date:	10/14/2016	x	Auto Input
		Yes	Incorporated in the Project
		N/A	Not Applicable as part of this Project
		AGP	Above Grade Plane- story
		FDVA	Fire Department Vehicle Access
		FSD	Fire Separation Distance
		BO	Building Official

Planning & Zoning Official: WEBER COUNTY, UTAH  
 Building Official: WEBER COUNTY, UTAH  
 Plans Examiner: WEBER COUNTY, UTAH  
 Engineering: WEBER COUNTY, UTAH  
 Health Department: WEBER COUNTY, UTAH

**Applicable Codes:**

2009	IBC	International Building Code, with Appendix 7	
2015	IFC	International Fire Code	
2015	IRC	International Residential Code	(Parts I-IV and IX)
2015	IPC	International Plumbing Code	
2015	IMC	International Mechanical Code	
2014	NEC	National Electrical Code	
2015	IFGC	International Fuel Gas Code	
2015	IECC	International Energy Conservation Code: Residential	
2015	IECC	International Energy Conservation Code: Commercial	
2009	ANSI	ICC/American National Standard A117.1 + FHA + ADAAG	

Y Amendments (State or Local) (Building Code Amend. at www.dopl.utah.gov)  
 Title 18 of Salt Lake City Ordinances

**Chapter 3 - Occupancy Classification**

Occupancy Proposed	Stories	Occupancy	HRS * F.S.
RESIDENCE	2	R3	0

**Chapter 4 - Special Requirements**

Yes 406 Motor Related Occupancies  
 Yes 420.2 Separation between R2 occupancies with 1 hour fire partition as per 708  
 Yes 420.3 Horizontal Separation- Separation between units shall be 1 hour.

**Chapter 6 - Construction Type**

Occupancy	Type	Fire-Rating per Occupancy*	R3
R3	V8	Type:	V8
		Structural Frame	0
		Bearing Walls Ext.	0
		Bearing Walls Int.	0
		Nonbearing walls & part at ext.	0
		Nonbearing walls & part at int.	0
		Floor Construction + Second members	0
		Roof Construction + Second members	0

Fire Separ.	Const. Type	R3
x<5	All	1
5<x<10	IA, Others	1
10<x<30	IA, YA	1
x>30	All	0

**Chapter 5 - General Building Heights and Areas Strategy**

Mark which Strategy Taken:	Occ	Height (ft)	Story	Area (sf)	Area (sf)	Area (sf)
Accessory Occ:	R3	55	4*	UNLIMITED		1,332
Incidental Acc. Occ:						
Single Occ:						
Mixed Occ:						
Nonseparated Uses:						
Separated Uses:						

**R1 OCCUPANCY - 506.1 Area Calculation**

A <sub>0</sub>	=	A <sub>t</sub>	+	(Total Building)	+	A <sub>l</sub>	+	A <sub>is</sub>
A <sub>0</sub>	=	A <sub>0</sub>	=	Allowable Area per Floor		A <sub>t</sub>	=	Tabular Area per Table 503 (square feet)
A <sub>l</sub>	=	UNLIMITED		Area increase due to frontage		I <sub>f</sub>	=	Area increase due to sprinkler protection
A <sub>is</sub>	=	0.00		Area increase due to fire separation		I <sub>s</sub>	=	Area increase due to fire separation
A <sub>0</sub>	=	UNLIMITED	+	0	+	0.0000	+	0
A <sub>0</sub>	=	UNLIMITED	+	0	+	0	+	0
A <sub>0</sub>	=	UNLIMITED	sf	ALLOWABLE AREA PER FLOOR				
x	=	UNLIMITED	sf	ALLOWABLE AREA OF BUILDING				

**ACTUAL AREA < ALLOWABLE AREA PER FLOOR**  
 656 UNLIMITED OK, ALLOWABLE  
**ACTUAL AREA < ALLOWABLE AREA PER BUILDING**  
 1,332 UNLIMITED OK, ALLOWABLE  
**506.2 Frontage Increase**  
 F = 60 if 102.5 if 20  
 W = 20 ft (30 FT IS THE LARGEST NUMBER THAT CAN BE USED)  
 I<sub>f</sub> = 60 + -0.25 20  
 I<sub>s</sub> = 102.5 + -0.25 30  
 I<sub>f</sub> = 0.585365854 + -0.25 0.666666667 = 0.335365854 0.666666667  
 I<sub>s</sub> = 0.00 NO AREA INCREASE TAKEN FOR SIDE YARDS

**(Chp. 7) - Fire-Resistance Rated Construction (List Items)**

No	704.2 Column Protection:	Primary structural frame individually protected.
No	704.3 Protection of the Primary Structural Frame other than columns:	Requires individual protection when carry more than two floors or one floor and one roof.
No	704.10 Exterior Structural Members:	Requires individual protection when carry more than two floors or one floor and one roof.
No	705 Exterior Walls:	705.2 Projections: Shall not extend closer to FSD than Table 705.2.
Yes	705.2.2 Type V-8 of any approved material	
Yes	705.2.3 Combustible projections either: 1-hr rated construction, type V-8 construction.	
No	712 Vertical Openings:	712.1, 2 Two-story openings: Allowed within individual dwelling unit
N/A	718 Concealed Spaces:	718.2 Fireblocking: Required throughout.
N/A	718.3 Draftstopping in floors:	718.3.3: Exception- Not required if building equipped throughout with an NFPA 13 automatic sprinkler system
N/A	718.4 Draftstopping in attics:	718.4.3: Exception- Not required if building equipped throughout with an NFPA 13 automatic sprinkler system

**Chapter 8 - Finishes**

Group	Exiting Elements	Corridors	Rooms & enclosed Spaces
R3	B	C	C

**Chapter 9 - Fire Protection Systems**

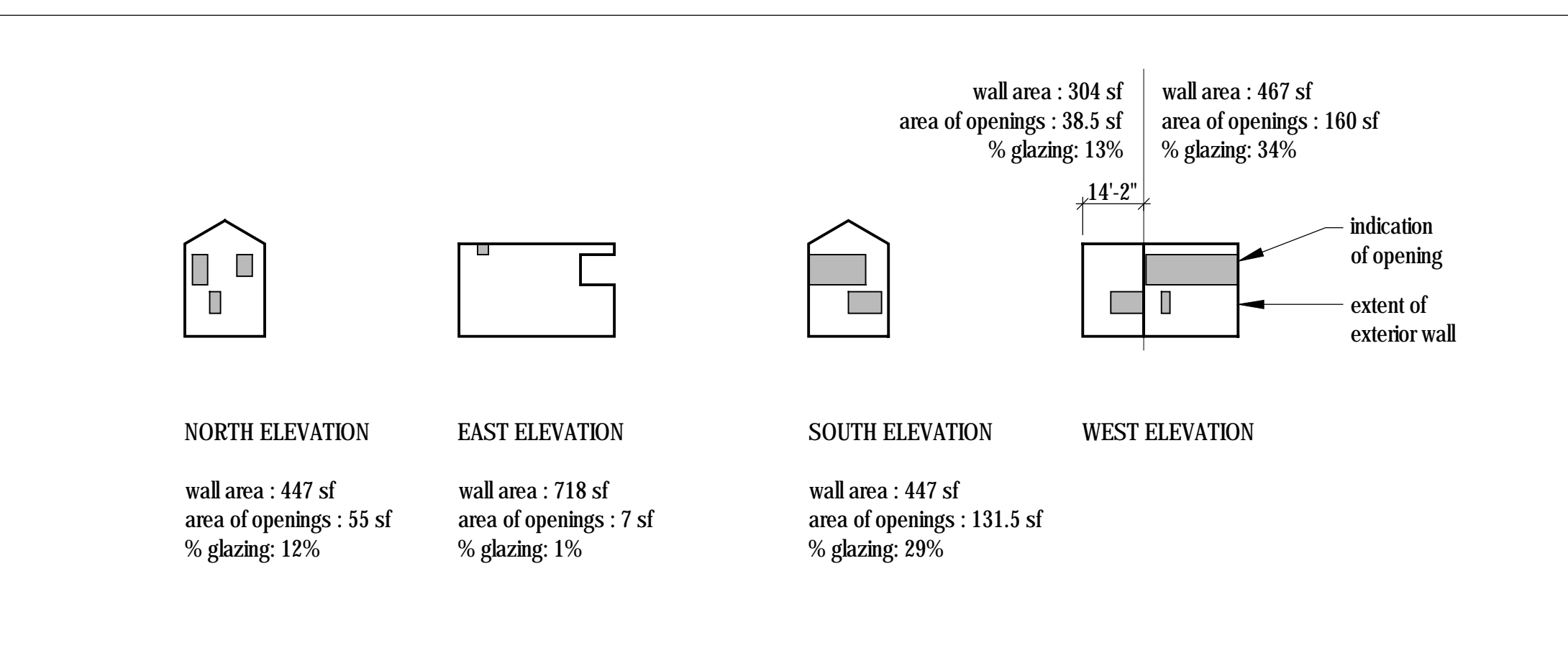
903.2 Automatic Sprinkler Systems Where Required:	R3	Required.
903.3.1 FS Standards: Install FS as per 903.3.1.1, 903.3.1.2 or 903.3.1.3:	N/A	
903.3.1.2 NFPA 13R sprinkler systems: Group R when ≤ 4 stories in height.	YES	
903.3.1.2.1 Balconies and decks: Provide FS when bldg is of Type V const.		
903.3.2 Quick-response and residential sprinklers: Install FS as per 903.3.1 in Group R dwelling units.	Yes	
906.1 Portable Fire Extinguishers where required:	R3	Required per Dwelling Unit- 1-A10-B-C
907.2 Fire Alarm and Detection Systems- Where required: Installed as per IBC and NFPA 72	R3	907.2.8 : Not required, but exception 2 must be met

**Chapter 10 - Means of Egress**

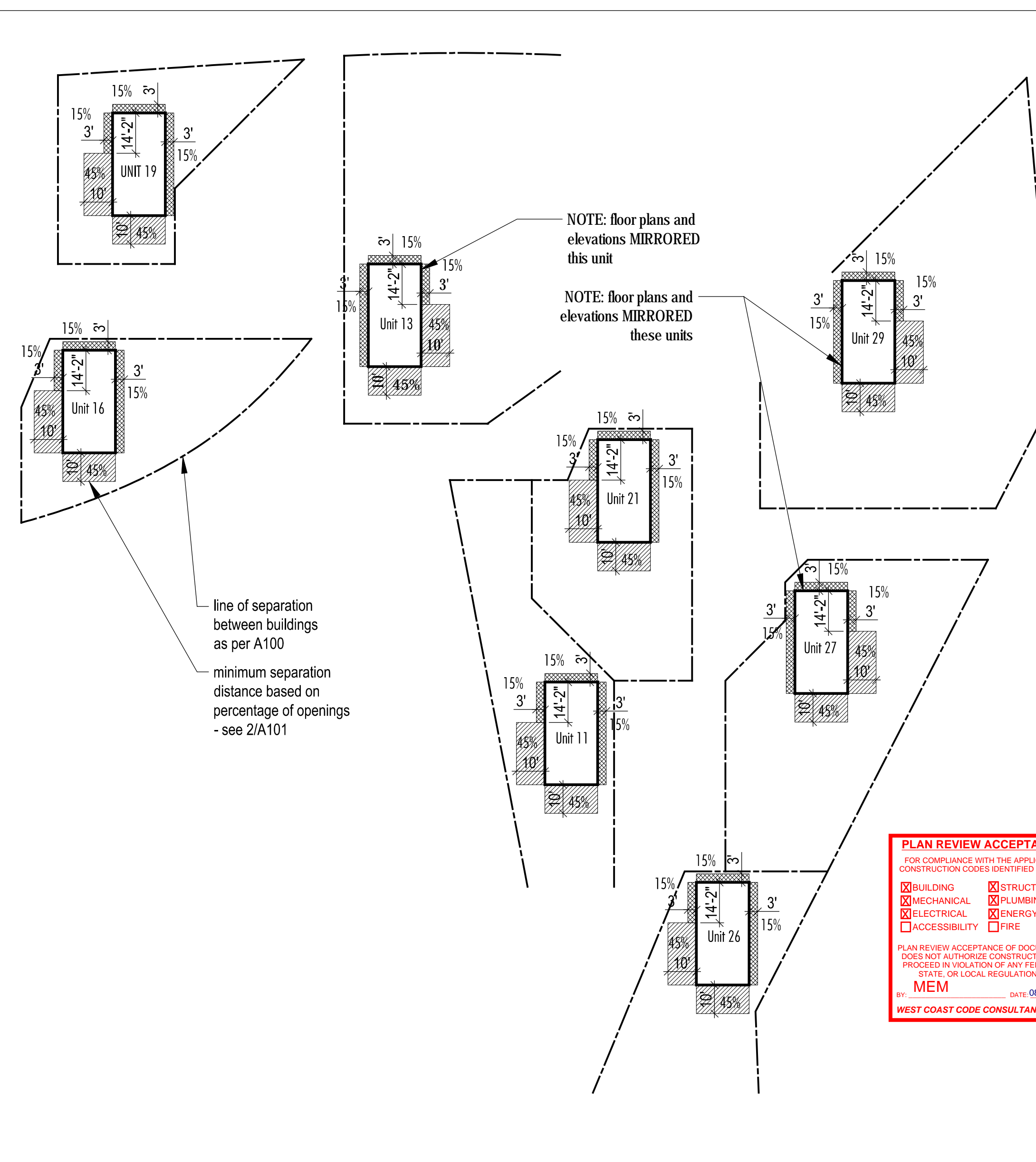
Table 1004.1 - Occupant Load: See 'G' Sheets for floor plans showing occupant loads per space.	
1005 Egress Width: 0.3 x OL for stairs and 0.2 x OL for other egress components- See 'G' Sheets for floor plans showing stairs and egress components and width required and provided.	
1007 Accessible means of Egress	
Table 1017.2 - Exit access travel distance	
1016.1 - Unenclosed Stairs: exception #3- travel distance shall be measured from the most remote point in the building to an exit discharge.	N/A
1022 Interior exit stairways and ramps:	Yes
1- 1022.2: 1-hr fire barrier when ≤ 4 stories.	
2- Construct as per 1022.2 - 1020.10.	
(Chp. 11) Accessibility	
1103 Scope:	No
1103.2.3 Detached One and Two Family dwellings are exempt from Chapter 11	
1107.7 General Exceptions	No
1107.2.2 Multi-story units without elevator service are not required to have Type B, and are exempt.	
(Chp 12) Interior Environment	
1207 Sound Transmission:	Yes
1207.3 Structure-borne Sound: Dwelling unit must be separated with a floor/ceiling assemblies that have an STC rating ≥ 50 (45 if field tested).	
1207.2 Air-borne Sound: Dwelling unit must be separated with walls, partitions and floor/ceiling assemblies that have an IIC rating ≥ 50 (45 if field tested).	

building number	northwest corner natural grade elevation	northeast corner natural grade elevation	southwest corner natural grade elevation	southeast corner natural grade elevation	upper level floor elevation	height to building ridge	average building height (less than 35')
13	8790.06	8788.62	8778.31	8778.24	8803.00	8818.00	33.85
16	8743.17	8743.2	8735.14	8734.32	8756.00	8771.00	32.24
19	8818.32	8815.99	8799.67	8798.73	8828.50	8843.50	34.975
11	8712.48	8712.33	8705.65	8705.14	8726.00	8741.00	32.19
21	8723.93	8723.54	8719.22	8719.09	8737.00	8752.00	30.49
26	8695.63	8695.19	8686.84	8685.93	8709.00	8724.00	33.22
27	8713.05	8712.23	8708.14	8707.62	8727.00	8742.00	31.665
29	8751.05	8750.44	8739.22	8738.54	8764.50	8779.50	34.705

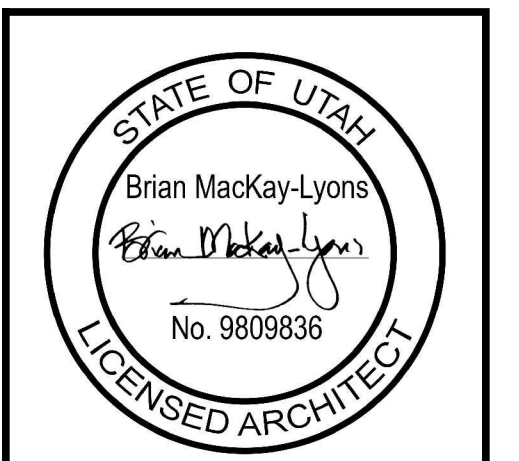
**Height Restriction Chart**  
 Scale 1/32" = 1'-0"



**Percentage of Openings Elevation Diagrams**  
 Scale 1/32" = 1'-0"



**Separation Distance Plan Diagrams**  
 Scale 1/32" = 1'-0"



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**INTERIOR FINISH SCHEDULE - WARM**

	Base		North Wall		East Wall		South Wall		West Wall		Floors		Ceiling		Remarks
	Material	Finish	Material	Finish	Material	Finish	South	Finish	Material	Finish	Material	Finish	Material	Finish	
LOWER LEVEL															
Hall	WD	PTW2	n/a	n/a	GWB	PTW1	n/a	n/a	GWB	PTW1	WD3	prefinished	WD1	untreated	
Stair	WD1	untreated	WD1	untreated	WD1	untreated	n/a	n/a	WD1	untreated	WD3	prefinished	WD1	untreated	
Bedroom 1	WD	PTW2	GWB	PTW1	GWB	PTW1	GWB	PTW1	GWB	PTW1	WD3	prefinished	WD1	untreated	
Bathroom 1	WD1	sealant	GWB-W/WD1	ST2/sealant	WD1	sealant	GWB-W/WD1	ST1/sealant	GWB-W	ST2	CT2	-	WD1	sealant	See notes 2+3
Bathroom 2	WD1	sealant	GWB-W/WD1	ST2/sealant	WD1	sealant	GWB-W/WD1	ST2/sealant	GWB-W	ST2	CT2	-	WD1	sealant	See notes 2+3
Bedroom 2	WD	PTW2	GWB	PTW1	GWB	PTW1	GWB	PTW1	GWB	PTW1	WD3	prefinished	WD1	untreated	
closets+mechanical	WD	PTW2	GWB	PTW1	GWB	PTW1	GWB	PTW1	GWB	PTW1	WD3	prefinished	GWB	PTC-3	
UPPER LEVEL															
Living	WD1	untreated	n/a	n/a	WD1	untreated	glazing/WD1	n/a/untreat.	glazing	n/a	WD3	prefinished	WD1	untreated	ST wall/floor - woodstove area
Dining	WD1	untreated	WD2	treated	WD1	untreated	glazing	n/a	glazing	n/a	WD3	prefinished	WD1	untreated	See note 2.
Entry	WD1/2	untr./treat/	WD1	untreated	WD1	untreated	n/a	n/a	WD2	treated	ST1	-	WD1	untreated	See note 2.
Mudroom	WD1	sealant	WD1	untreated	WD1	untreated	WD1	untreated	WD1	untreated	ST1	-	WD1	untreated	See notes 2+3
Powder Rm	WD1	sealant	WD1	sealant	WD1	sealant	WD1	sealant	WD1	sealant	ST1	-	WD1	untreated	See notes 2+3
Kitchen	WD1	sealant	WD1/GWB-W	sealant/ST2	WD1	sealant	WD1	sealant	WD1	sealant	ST1	-	WD1	untreated	ST2 backsplash above counter
Closet	n/a	n/a	GWB	PTW1	GWB	PTW1	GWB	PTW1	GWB	PTW1	WD3	prefinished	GWB	PTC-3	

**Finish Types.**

Paint  
 PT-1W - Benjamin Moore OC-17 White Dove - Egg Shell Finish  
 PT-2W - Benjamin Moore OC-17 White Dove - Semi Gloss Finish  
 PT-C1 - Benjamin Moore Decorators White - Egg Shell Finish  
 PT-C2 - Benjamin Moore Decorators White - Semi Gloss Finish  
 PT-C3 - Benjamin Moore Decorators White - Flat Finish (Ceilings Only)

Wood Slats  
 WD1 - western red cedar, 1X4" horizontal slats, untreated  
 WD2 - western red cedar, 1X2" vertical slats, treated  
 Engineered Wood  
 WD3 - reclaimed white oak 1X4", engineered, prefinished, natural satin

**Ceramic Tile**

CT1 - white subway tile 4X16  
 CT2 - grey 2x2 antislip tile  
**Stone Tile**  
 ST1 - slate floor tile, 12x12, white  
 ST2 - slate wall tile 4x16

**Legend.**

N/A not applicable  
 GWB gypsum wall board per spec.  
 GWB-W waterproof sheathing as per spec.  
 CONC. concrete  
 CT ceramic tile  
 ST stone tile  
 WD wood  
 GLZ glazing

**Notes.**

- "North" is top of drawing page for wall designations
- Wood wall cladding shall extend from finished floor to u/s ceiling.
- All wood surface cladding in bathrooms + mudroom to receive clear sealant, low sheen.

**2**  
A102 **Room Finish Schedule - UPGRADE OPTION (warm scheme)**  
Scale NTS

**INTERIOR FINISH SCHEDULE - COOL**

	Base		North Wall		East Wall		South Wall		West Wall		Floors		Ceiling		Remarks
	Material	Finish	Material	Finish	Material	Finish	South	Finish	Material	Finish	Material	Finish	Material	Finish	
LOWER LEVEL															
Hall	WD	PTC2	GWB	PTC1	GWB	PTC1	GWB	PTC1	n/a	n/a	CONC.	sealed	WD1	clear	
Stair	WD1	untreated	WD1	untreated	WD1	untreated	n/a	n/a	WD1	untreated	WD3	satin	WD1	clear	
Bedroom 1	WD	PTC2	GWB	PTC1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	WD1	clear	
Bathroom 1	TILE	CT1	GWB-W	CT1	GWB-W	CT1	GWB-W	CT1	GWB-W	CT1	CONC./TILE	sealed	WD1	clear	grey 2x2 antislip tile shower base
Bathroom 2	TILE	CT1	GWB-W	CT1	GWB-W	CT1	GWB-W	CT1	GWB-W	CT1	CONC./TILE	sealed	WD1	clear	grey 2x2 antislip tile shower base
Bedroom 2	WD	PTC2	GWB	PTC1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	WD1	clear	
Closets	n/a	n/a	GWB	PTC1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	GWB	PTC1	
UPPER LEVEL															
Living	n/a	n/a	n/a	n/a	WD1	untreated	glazing	n/a	glazing	n/a	CONC.	sealed	WD1	clear	painted steel behind woodstove
Dining	n/a	n/a	WD2	untreated	WD1	untreated	glazing	n/a	glazing	n/a	CONC.	sealed	WD1	clear	See note 2.
Entry	WD2/WD1	treat./untr.	glazing	n/a	WD1	untreated	n/a	n/a	WD2	treated	CONC.	troweled+sealed	GWB	PTC3	See note 2.
Mudroom	WD	PTC2	GWB	PTC1	n/a	n/a	GWB	PTC1	GWB	PTC1	CONC.	sealed	GWB	PTC3	
Powder Rm	TILE	CT1	GWB	CT1	GWB	CT1	GWB	CT1	GWB	CT1	CONC.	sealed	GWB	PTC3	
Kitchen	WD	PTC2	GWB	PTC1/CT1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	GWB	PTC3	CT1 backsplash above counter
Closet	n/a	n/a	GWB	PTC1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	GWB	PTC1	

**Finish Types.**

Paint  
 PT-1W - Benjamin Moore OC-17 White Dove - Egg Shell Finish  
 PT-2W - Benjamin Moore OC-17 White Dove - Semi Gloss Finish  
 PT-C1 - Benjamin Moore Decorators White - Egg Shell Finish  
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 PT-C3 - Benjamin Moore Decorators White - Flat Finish (Ceilings Only)

Wood Slats  
 WD1 - western red cedar, 1X4" horizontal slats, untreated  
 WD2 - western red cedar, 1X2" vertical slats, treated  
 WD3 - douglas fir, 1x4" prefinished, natural satin

**Concrete**

CONC. - sealed concrete  
 CT1 - white subway tile 4X16  
 CT2 - grey 2x2 antislip tile

**Legend.**

N/A not applicable  
 GWB gypsum wall board per spec.  
 GWB-W waterproof sheathing as per spec.  
 CONC. concrete  
 CT ceramic tile  
 ST stone tile  
 WD wood  
 GLZ glazing

**Notes.**

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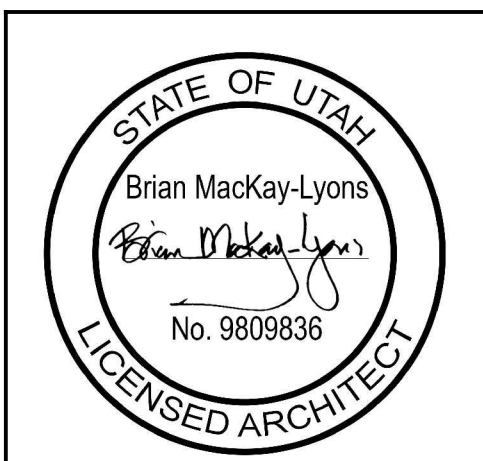
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**1**  
A102 **Room Finish Schedule - BASE OPTION (cool scheme)**  
Scale NTS

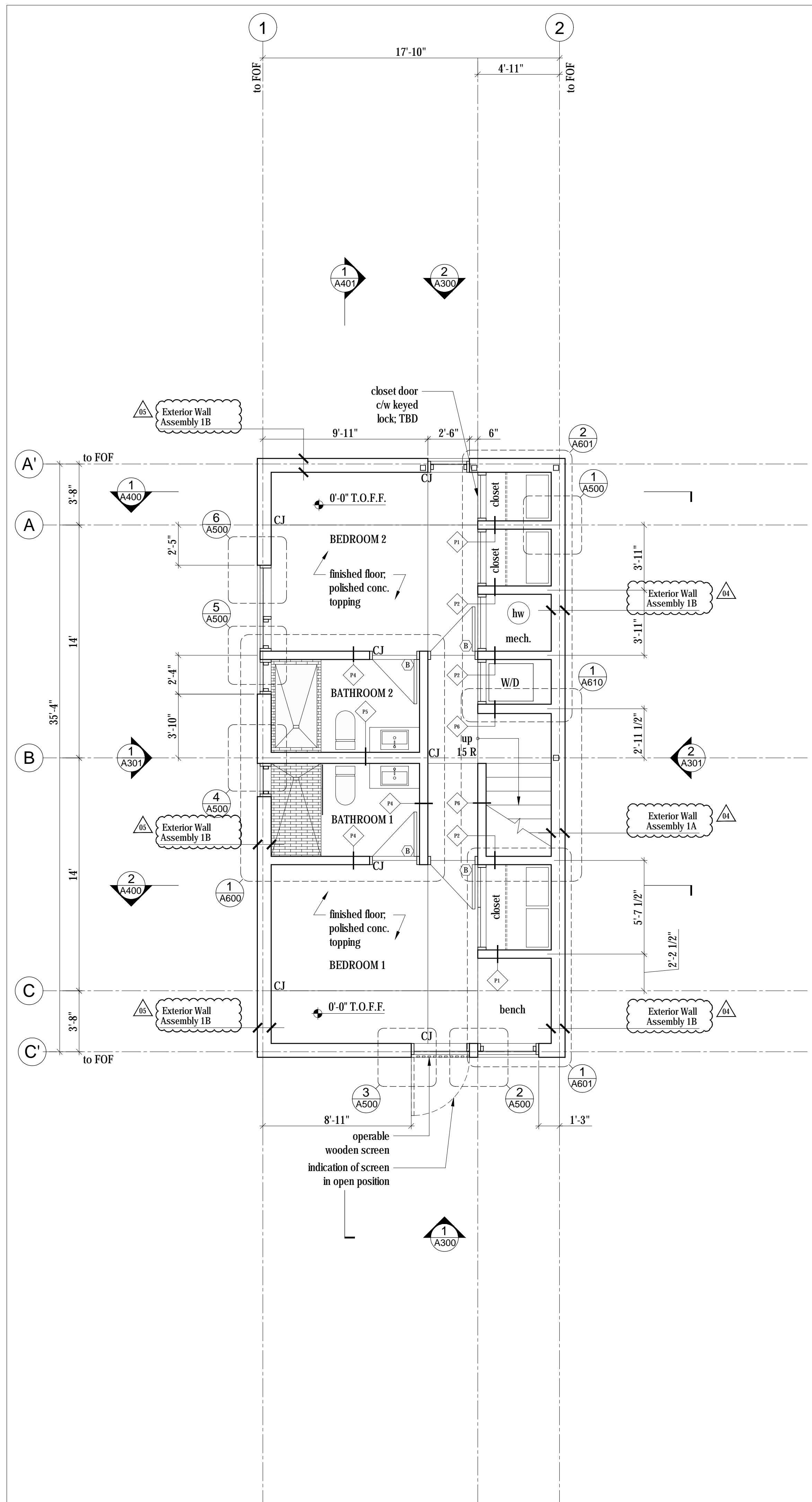
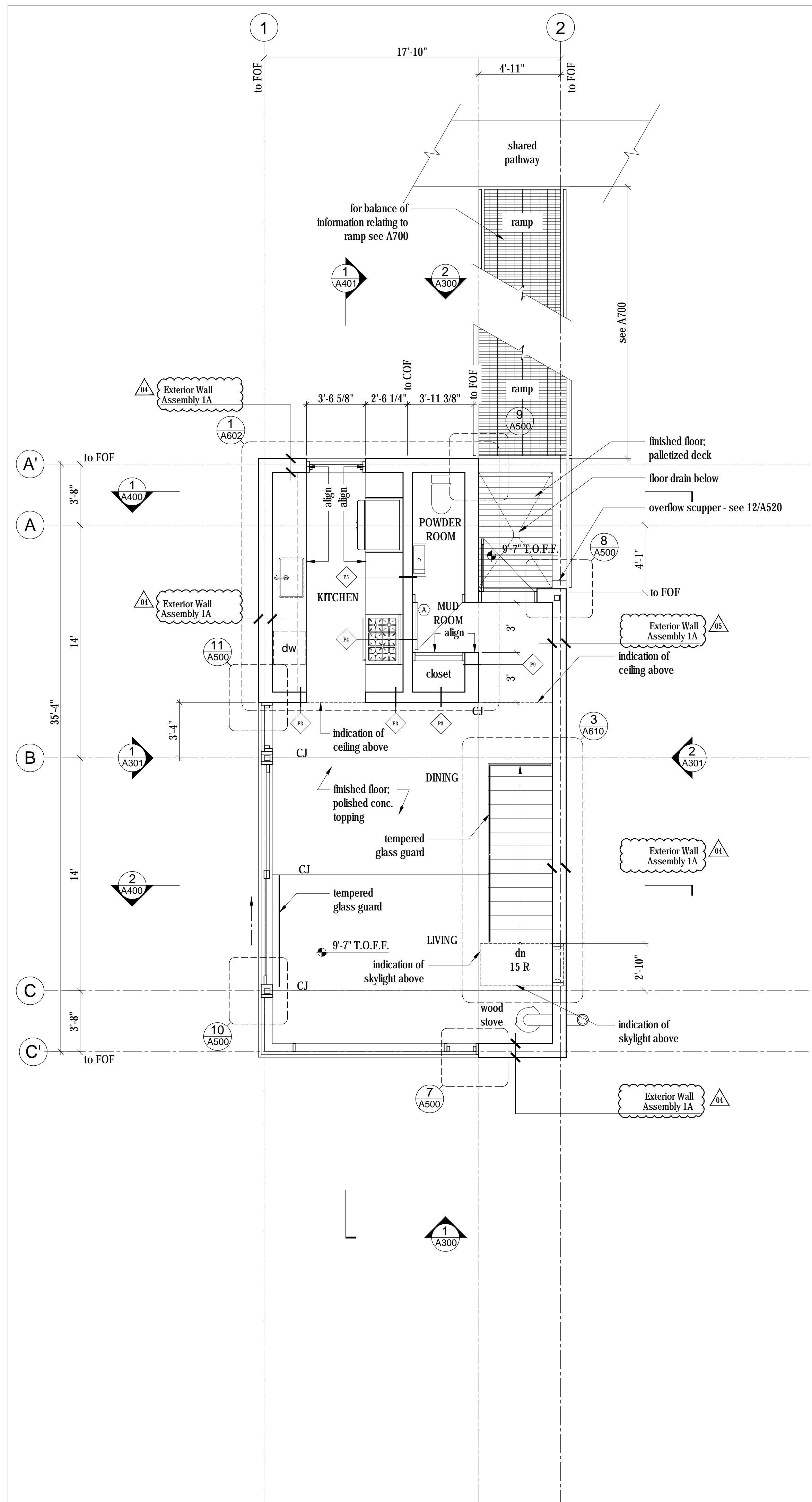
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 Halifax, Nova Scotia  
 Canada B3K 3B4  
 ph: (902) 429.1867  
 fax: (902) 429.6276



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Cabin 1000  
**Room Finish Schedules**  
 scale: varies  
 date: 16-07-04  
 drawn: DP  
 chkd: BML  
**A102**



**LEGEND**

- ⊕ Center line
- ⊗ Door type
- ◊ Partition type

---

**LIVABLE SQUARE FOOTAGES**

Floor Plan Lower: 578 square feet  
 Floor Plan Upper: 495 square feet  
 Total: 1073 square feet

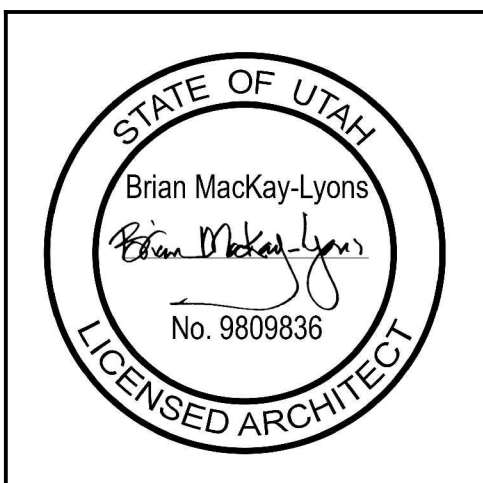
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Summit Powder Mountain, Fern, Utah

Mackay-Lyons Sweetapple Architects Limited

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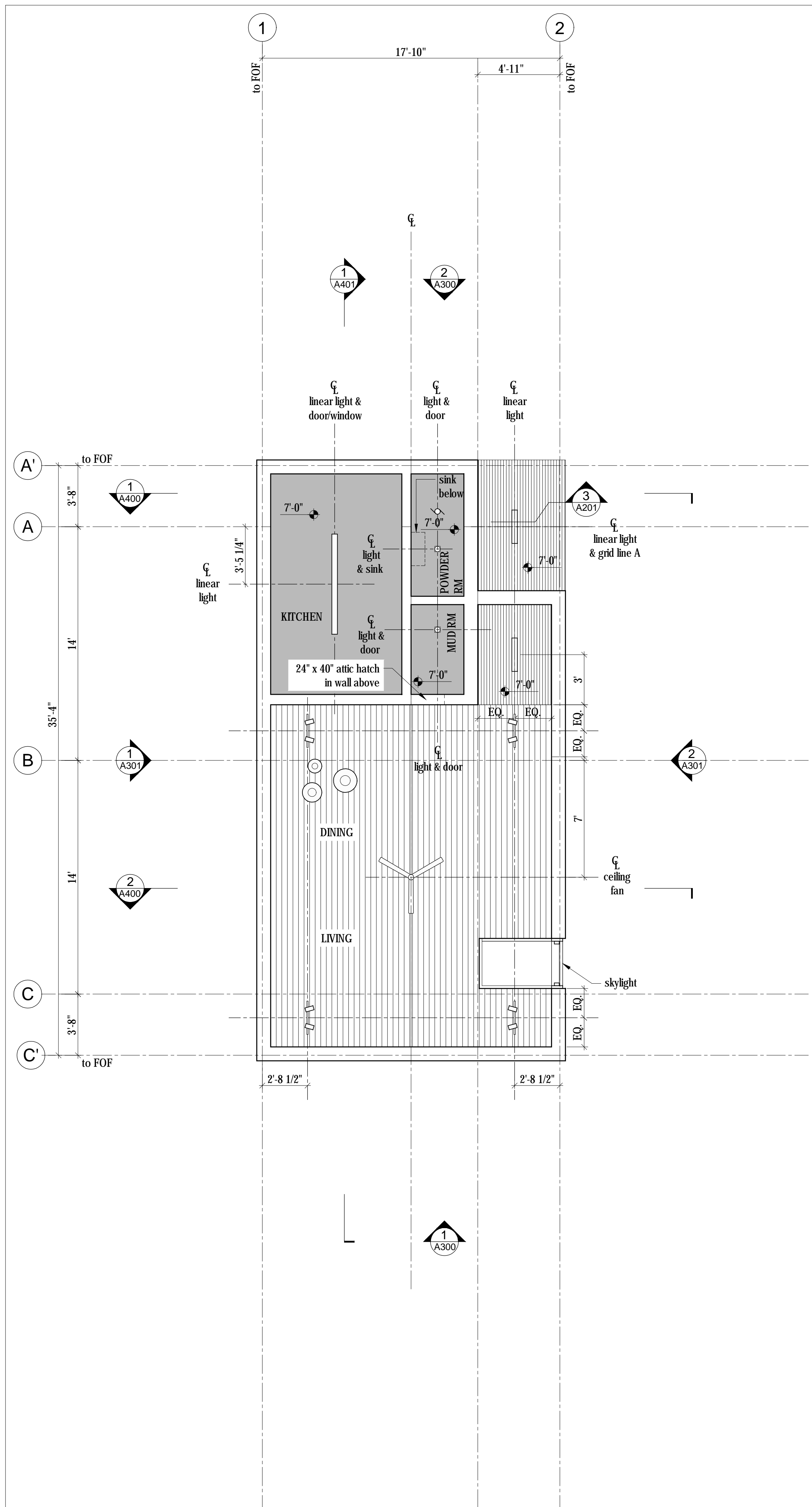
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**Cabin 1000**

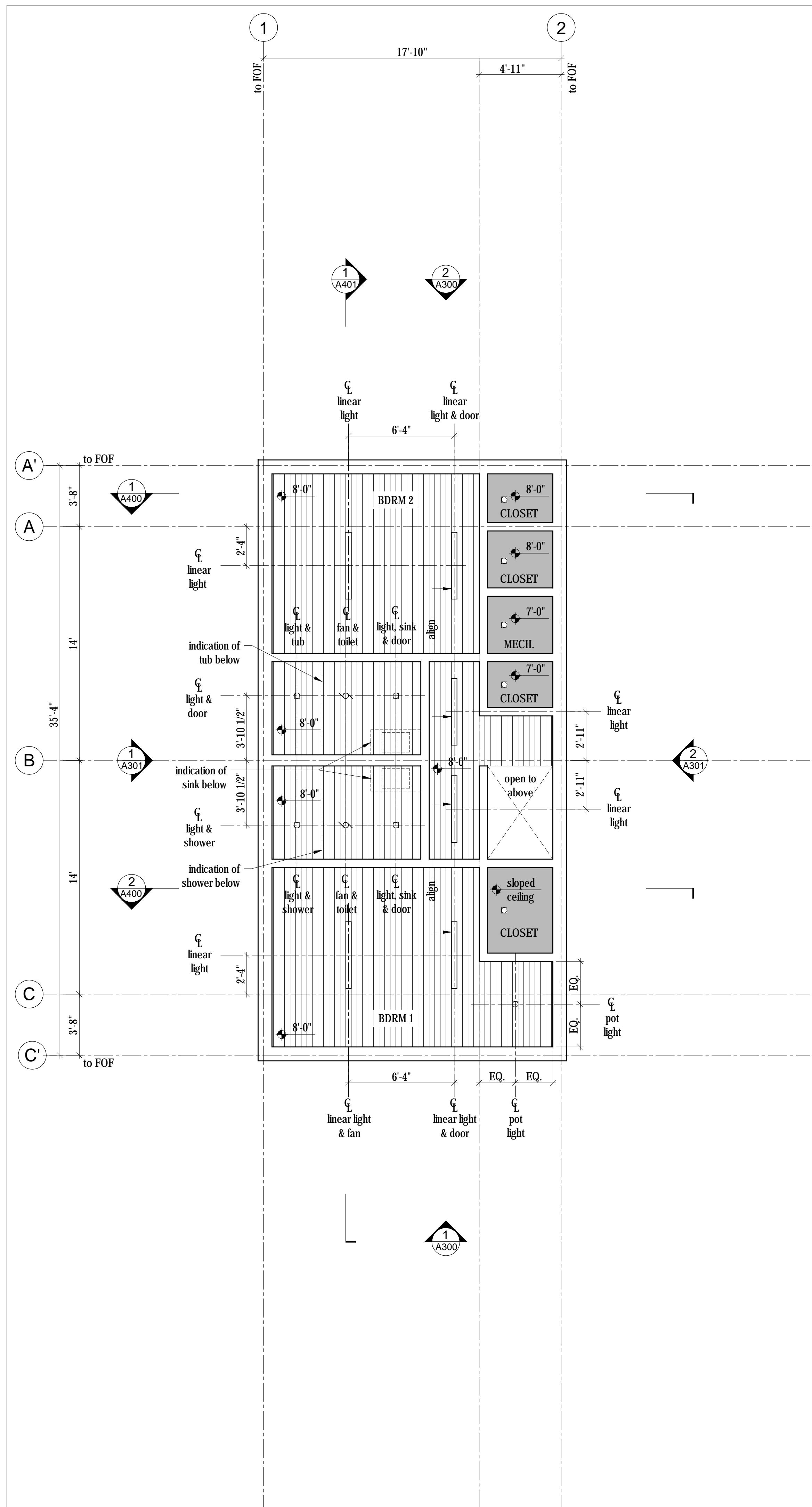
**Floor Plans**

scale: 1/4" = 1'-0"  
 date: 16-04-20  
 drawn: MJ/JL  
 checked: BML

**A200**



2 Reflected Ceiling Plan Main  
Scale 1/4" = 1'-0"



1 Reflected Ceiling Plan Lower  
Scale 1/4" = 1'-0"

**LEGEND**

**Symbols**

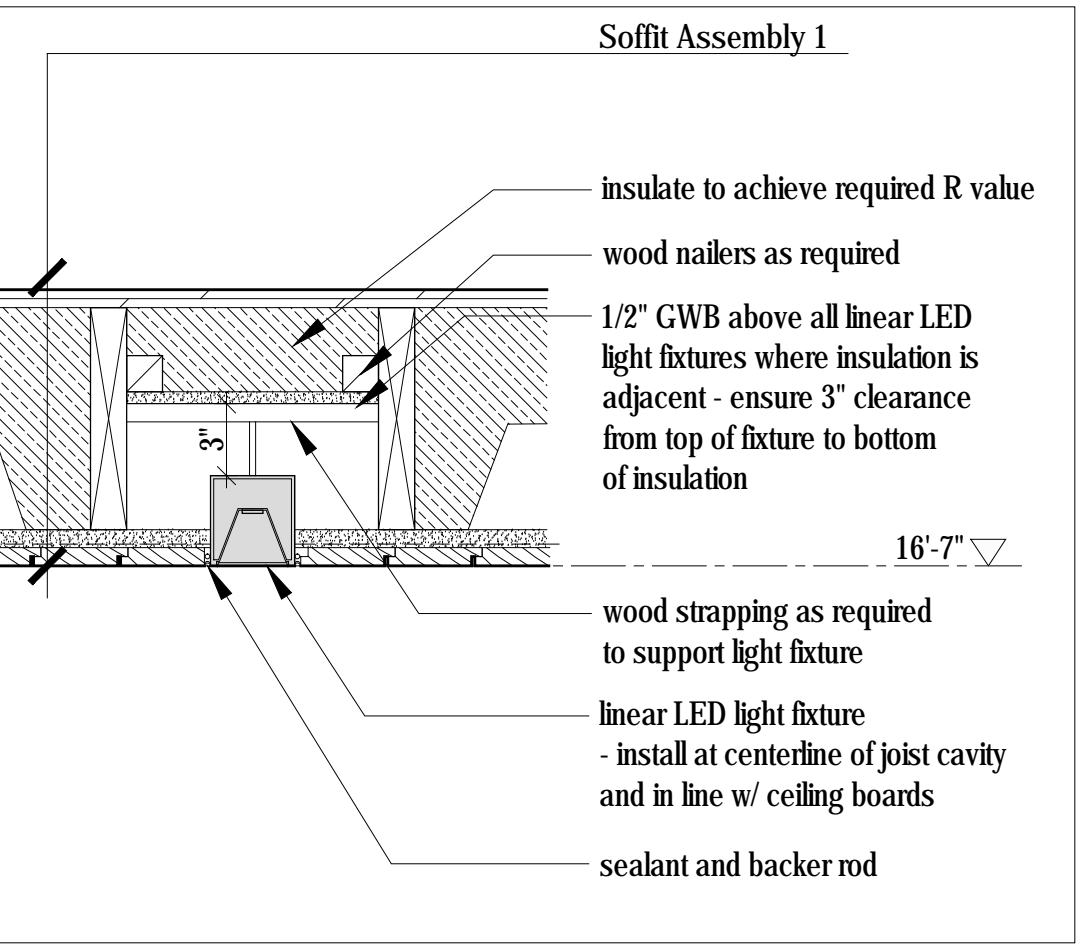
- Center line
- LED downlight
- Recessed LED pot light; inline w/ shiplap ceiling boards
- Linear LED pendant light
- Spherical pendant light cluster
- Linear LED light fixture; inline w/ shiplap ceiling boards; length varies (see elec.)
- track lights on 2' long track

**Ceiling Finishes**

- 1x4 shiplap wood cladding - type 1 - see A001
- 1x4 shiplap wood cladding - type 2 - see A001
- Painted GWB

**Mechanical**

- bathroom fan
- ceiling fan



3 Linear Light Detail at Insulated Condition  
Scale 1-1/2" = 1'-0"

**NOTE:**

- Where applicable, all ceiling mounted light fixtures to be in-line with shiplap boards unless otherwise noted.
- Where alignment of light fixtures as noted and 'note 1' are contradictory note 1 takes precedent.
- All finished ceiling heights dimensioned from top of finished floor below.
- All lighting to be dimmable.

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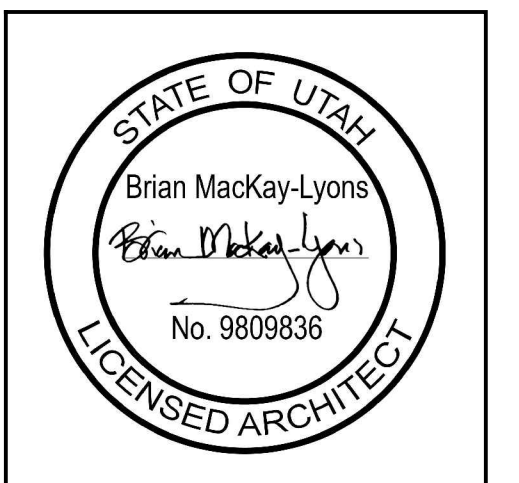
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Summit Powder Mountain, Fern, Utah

Mackay-Lyons Sweetapple Architects Limited

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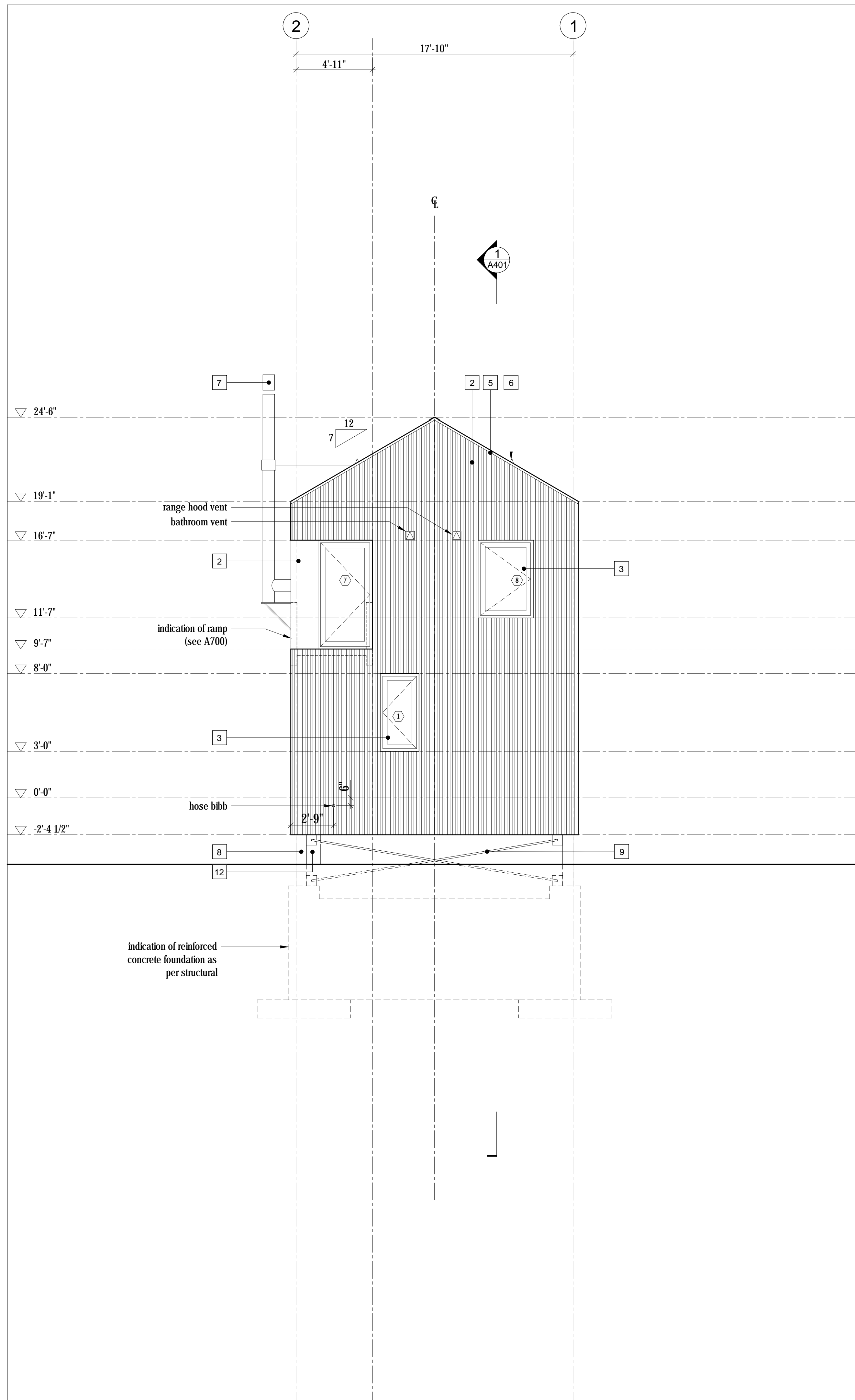
Cabin 1000

Reflected Ceiling Plans

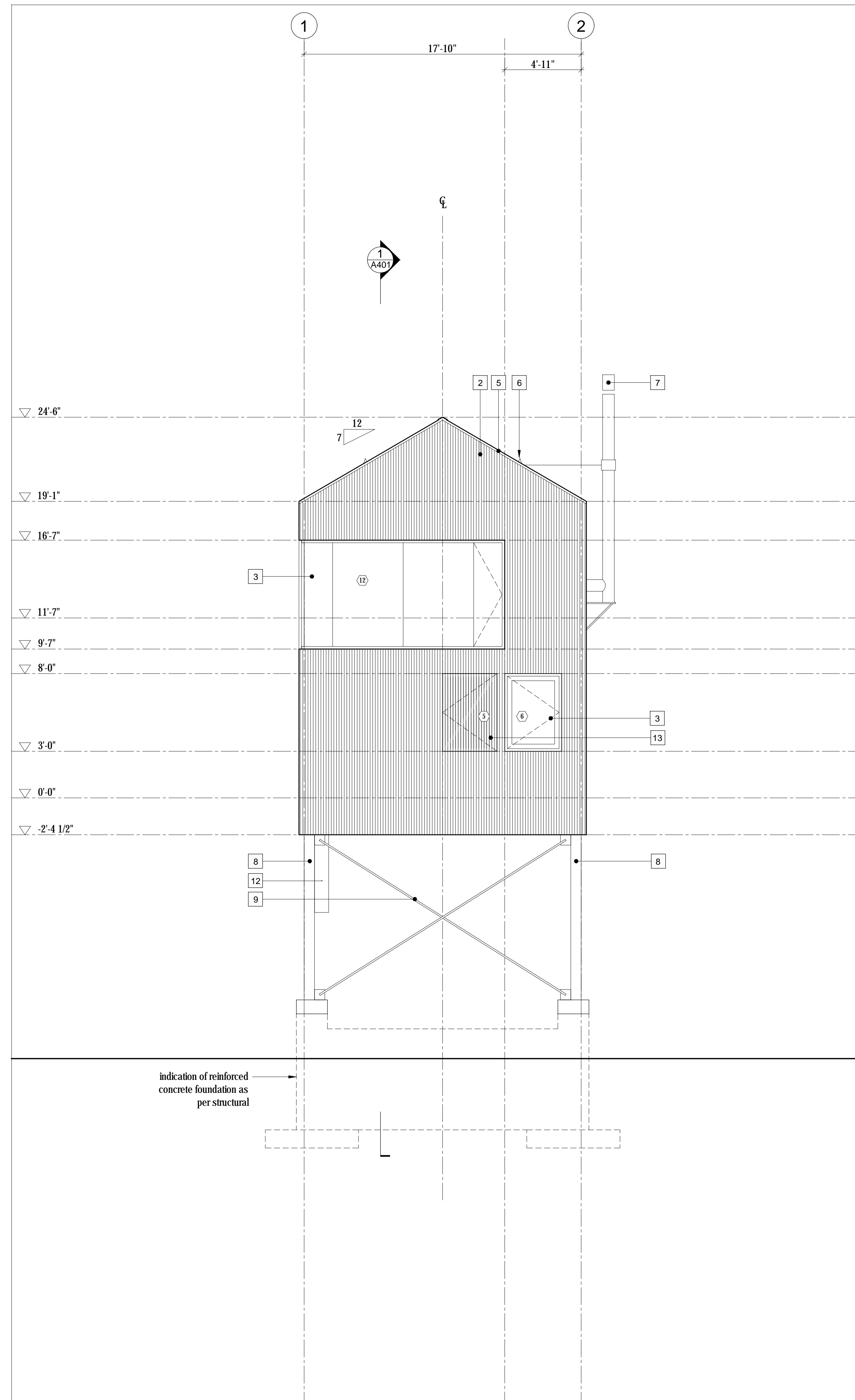
scale: 1/4" = 1'-0"  
date: 16-08-05  
drawn: MJ  
chk'd: BML

A201





2 Exterior Elevation  
Scale 1/4" = 1'-0"



1 Exterior Elevation  
Scale 1/4" = 1'-0"

**LEGEND**

- 1 fire retardant pressure treated cedar shingles - 6" exposure
- 2 1x4 vertical shiplap wood cladding - type 1 - see A001 for profile
- 3 anodized aluminum framed glazing system - see window/door schedule
- 4 anodized aluminum framed sliding glazing system - see window/door schedule
- 5 clear anodized aluminum flashing
- 6 snow bracket
- 7 stainless steel chimney
- 8 galvanized steel column; as per structural
- 9 galvanized steel bracing; as per structural
- 10 side-mounted tempered glass guard
- 11 not used
- 12 insulated steel service chase; galvanized finish to match bracing - see mechanical for locations
- 13 operable wood screen over glazing

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BY: MEM DATE: 08/24/17  
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Horizon Neighborhood CABINS

Summit Powder Mountain, Fern, Utah

Mackay-Lyons Sweetapple Architects Limited  
2188 Göttingen St., Halifax, Nova Scotia, Canada B3K 3B4  
ph: (902) 429.1867 fax: (902) 429.6276

STATE OF UTAH  
Brian Mackay-Lyons  
No. 9809836  
LICENSED ARCHITECT

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No.	Description	Date

Revision:

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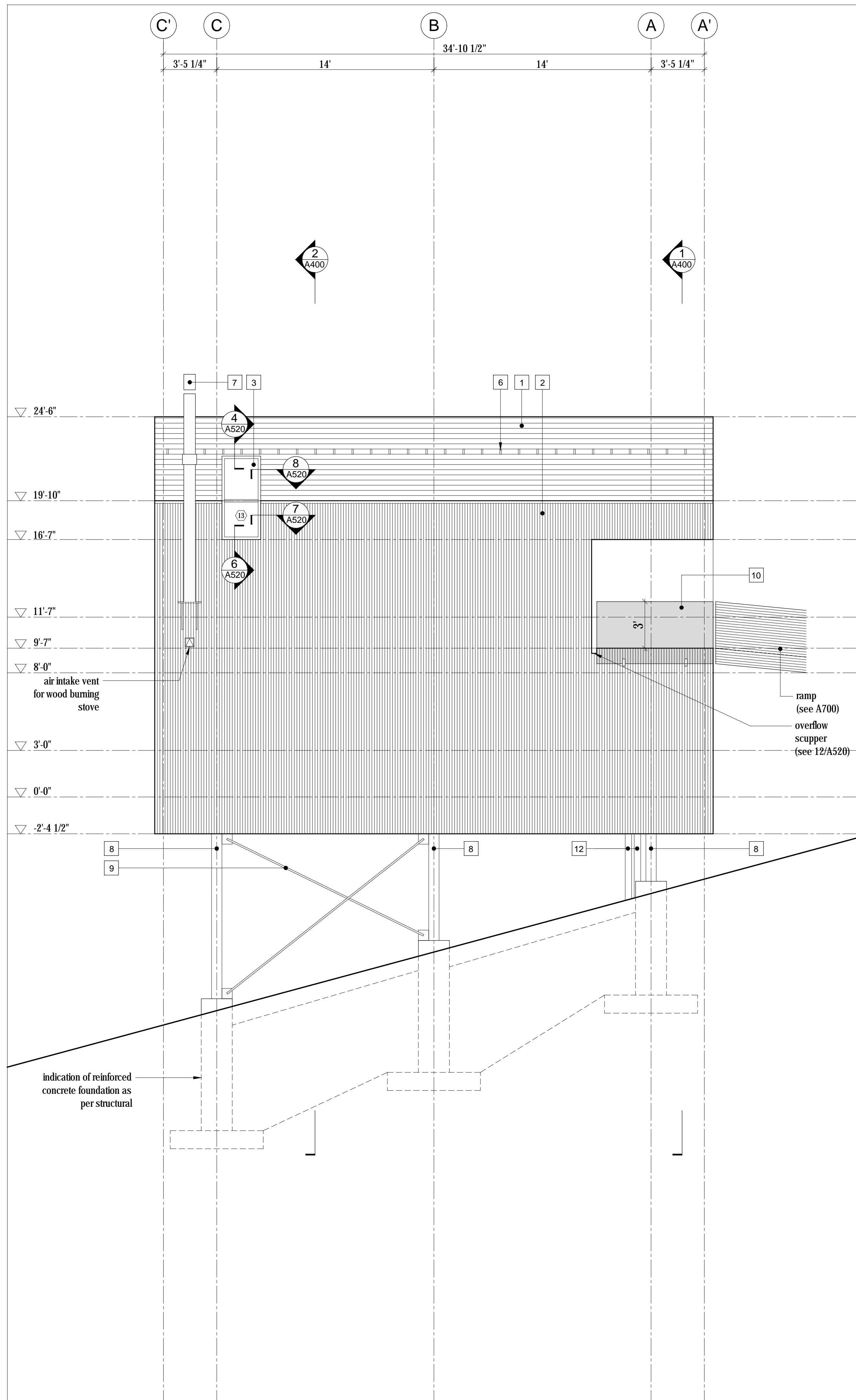
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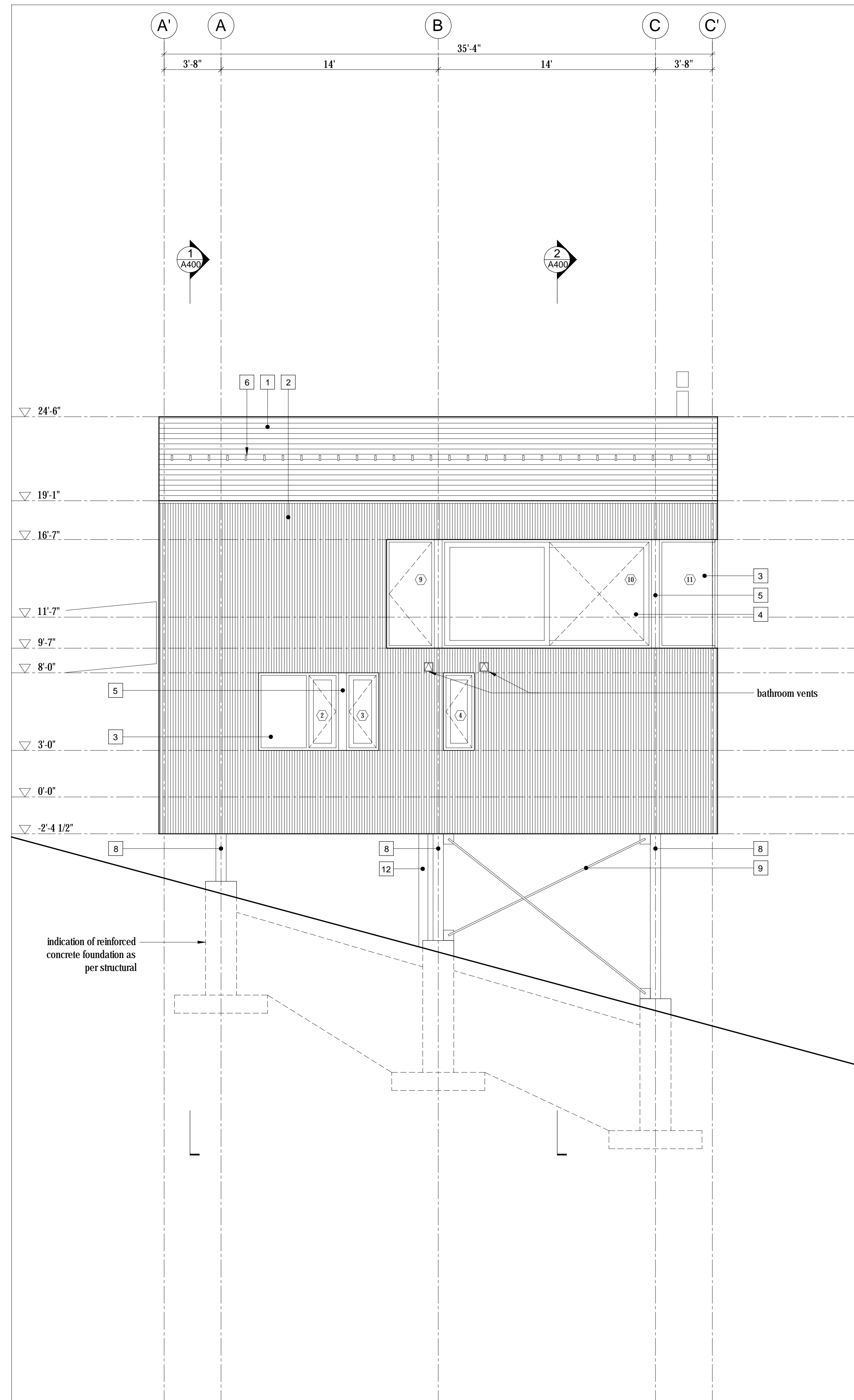
**Cabin 1000**  
Exterior Elevations

scale: 1/4" = 1'-0"  
date: 16-04-20  
drawn: MJ/JL  
chk'd: BML

**A300**



2 Exterior Elevation  
Scale 1/4" = 1'-0"



1 Exterior Elevation  
Scale 1/4" = 1'-0"

- LEGEND**
- 1 fire retardant pressure treated cedar shingles - 6" exposure
  - 2 1x4 vertical shiplap wood cladding - type 1 - see A001 for profile
  - 3 anodized aluminum framed glazing system - see window/door schedule
  - 4 anodized aluminum framed sliding glazing system - see window/door schedule
  - 5 clear anodized aluminum flashing
  - 6 snow bracket
  - 7 stainless steel chimney
  - 8 galvanized steel column; as per structural
  - 9 galvanized steel bracing; as per structural
  - 10 side-mounted tempered glass guard
  - 11 not used
  - 12 insulated steel service chase; galvanized finish to match bracing - see mechanical for locations
  - 13 operable wood screen over glazing

**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
BY: MEM DATE: 08/24/17  
WEST COAST CODE CONSULTANTS, INC.

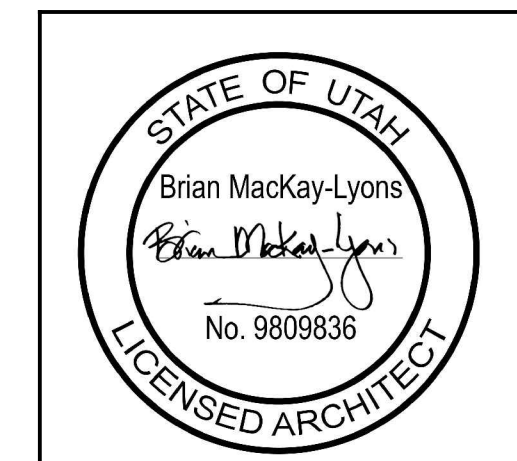
Horizon Neighborhood CABINS

Summit Powder Mountain, Fern, Utah

Mackay-Lyons Sweetapple Architects Limited

2188 Göttingen St., Halifax, Nova Scotia, Canada B3K 3B4

ph: (902) 429.1867  
fax: (902) 429.6276



No.	Description	Date
03	Issued for Const. Rev. 1	21.07.2017
02	Issued for Construction	17.03.2017
01	Issued for FDN Permit	28.10.2016
Revision:		

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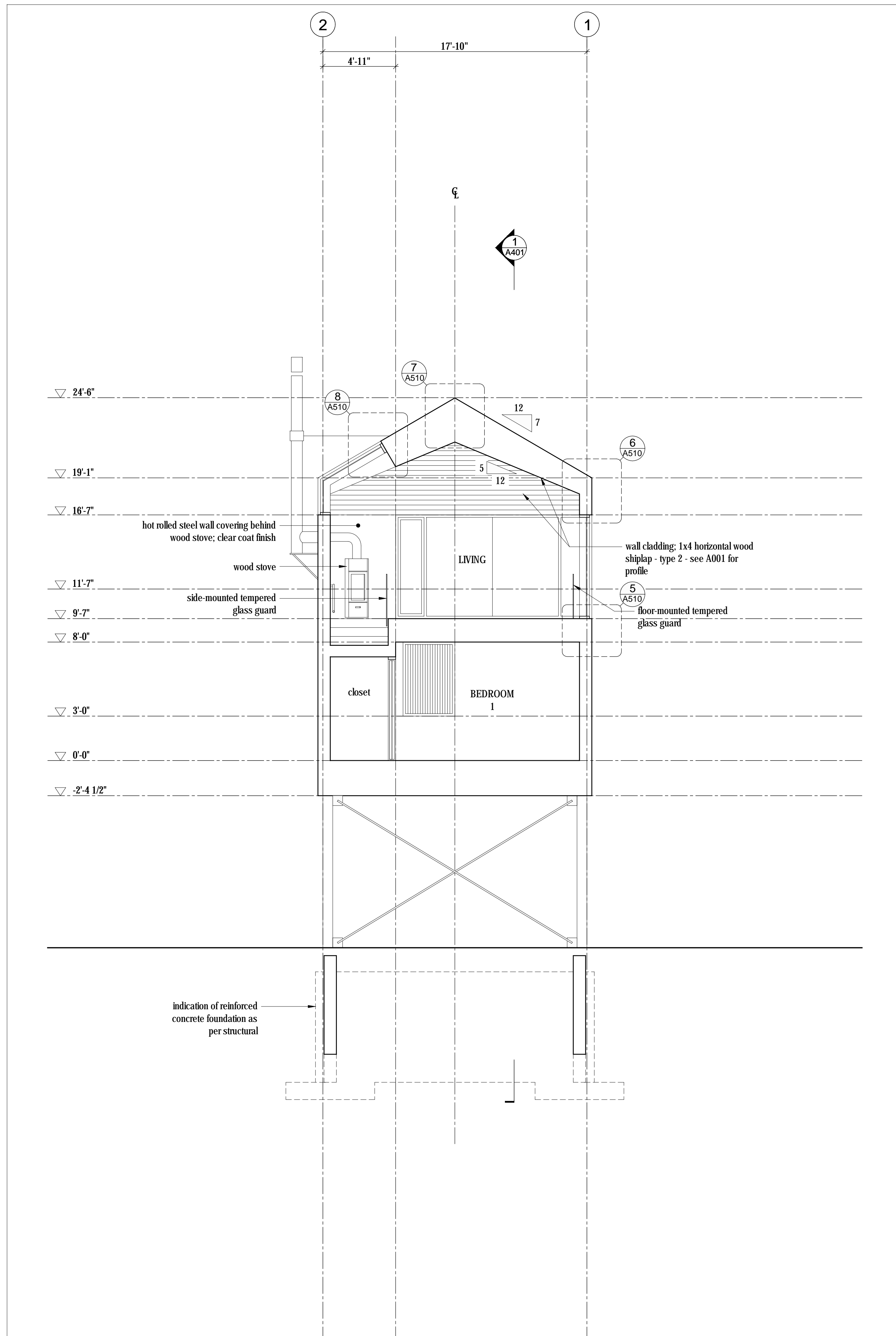
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Cabin 1000

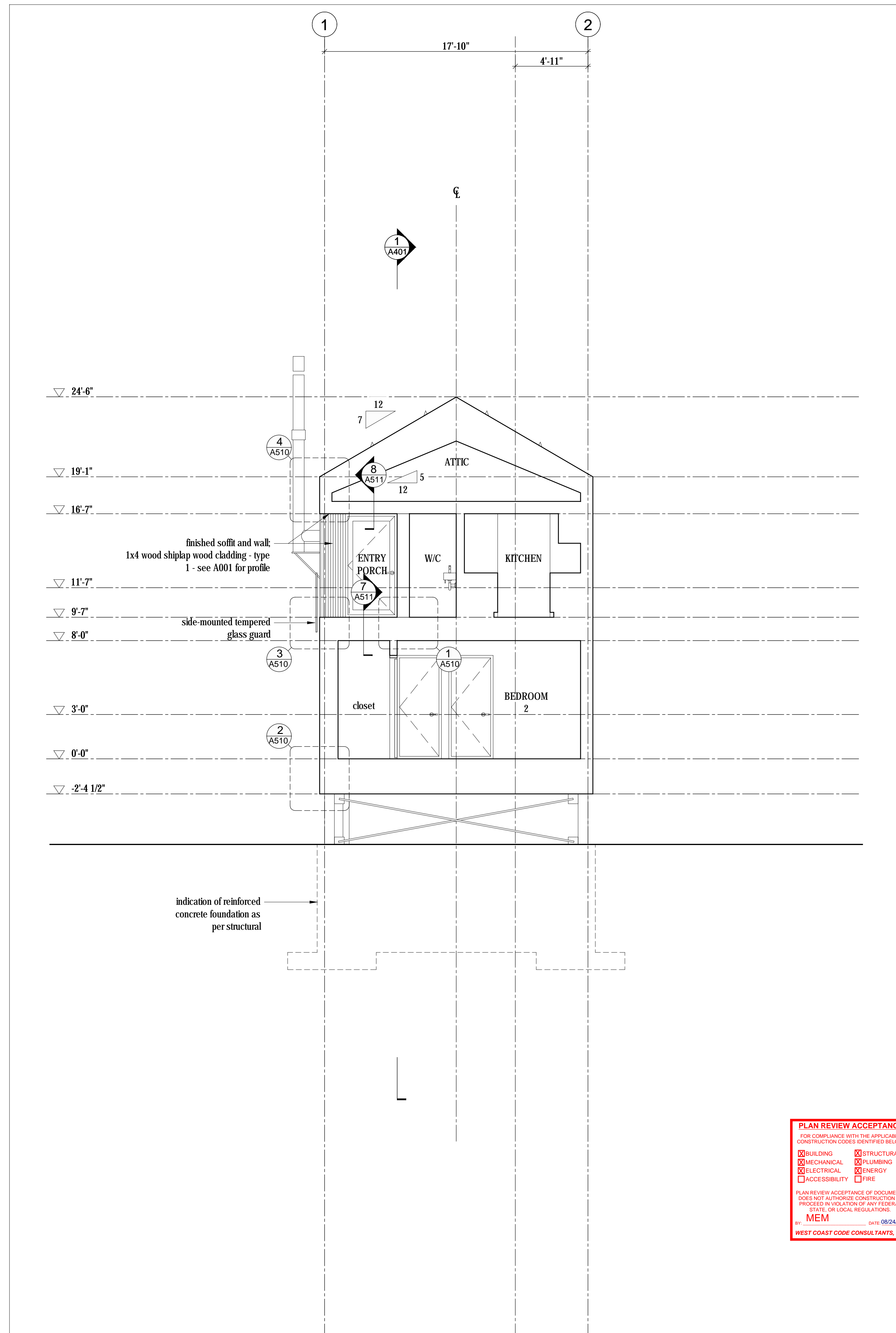
Exterior Elevations

scale: 1/4" = 1'-0"  
date: 16-04-20  
drawn: MJ/JL  
chk'd: BML

**A301**

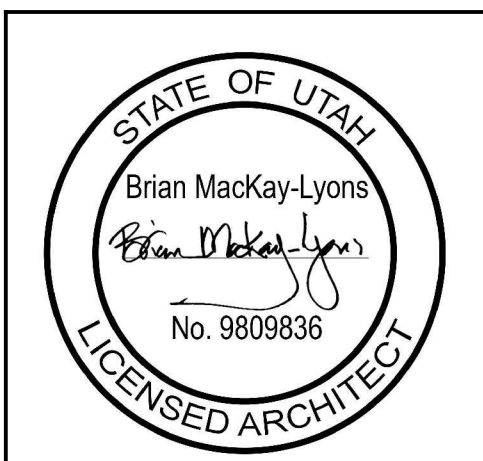


2  
A400  
Cross Section  
Scale 1/4" = 1'-0"



1  
A400  
Cross Section  
Scale 1/4" = 1'-0"

**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE  
 CONSTRUCTION CODES IDENTIFIED BELOW:  
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 MECHANICAL     PLUMBING  
 ELECTRICAL     ENERGY  
 ACCESSIBILITY     FIRE  
 PLAN REVIEW ACCEPTANCE OF DOCUMENTS  
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 BY: **MEM** DATE: 08/24/17  
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See A102 for room  
finish schedule

No.	Description	Date
03	Issued for Const. Rev. 1	21.07.2017
02	Issued for Construction	17.03.2017
01	Issued for FDN Permit	28.10.2016

Revision:

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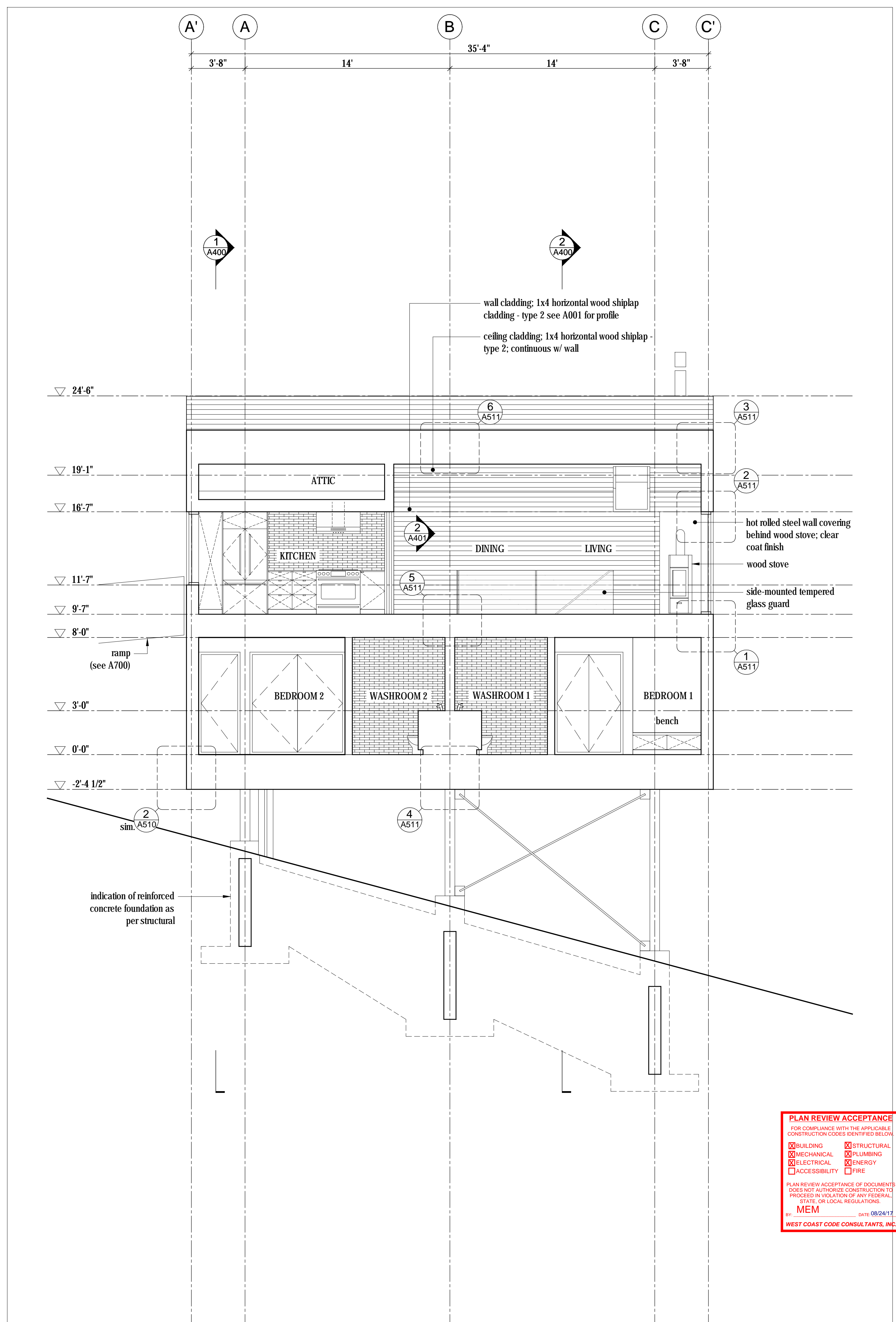
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Mackay-Lyons  
Sweetapple  
Architects  
Limited  
2188 Göttingen St.  
Halifax, Nova Scotia  
Canada B3K 3B4  
ph: (902) 429.1867  
fax: (902) 429.6276



1  
A401  
**Long Section**  
Scale 1/4" = 1'-0"

No.	Description	Date
03	Issued for Const. Rev. 1	21.07.2017
02	Issued for Construction	17.03.2017
01	Issued for FDN Permit	28.10.2016
No.	Description	Date

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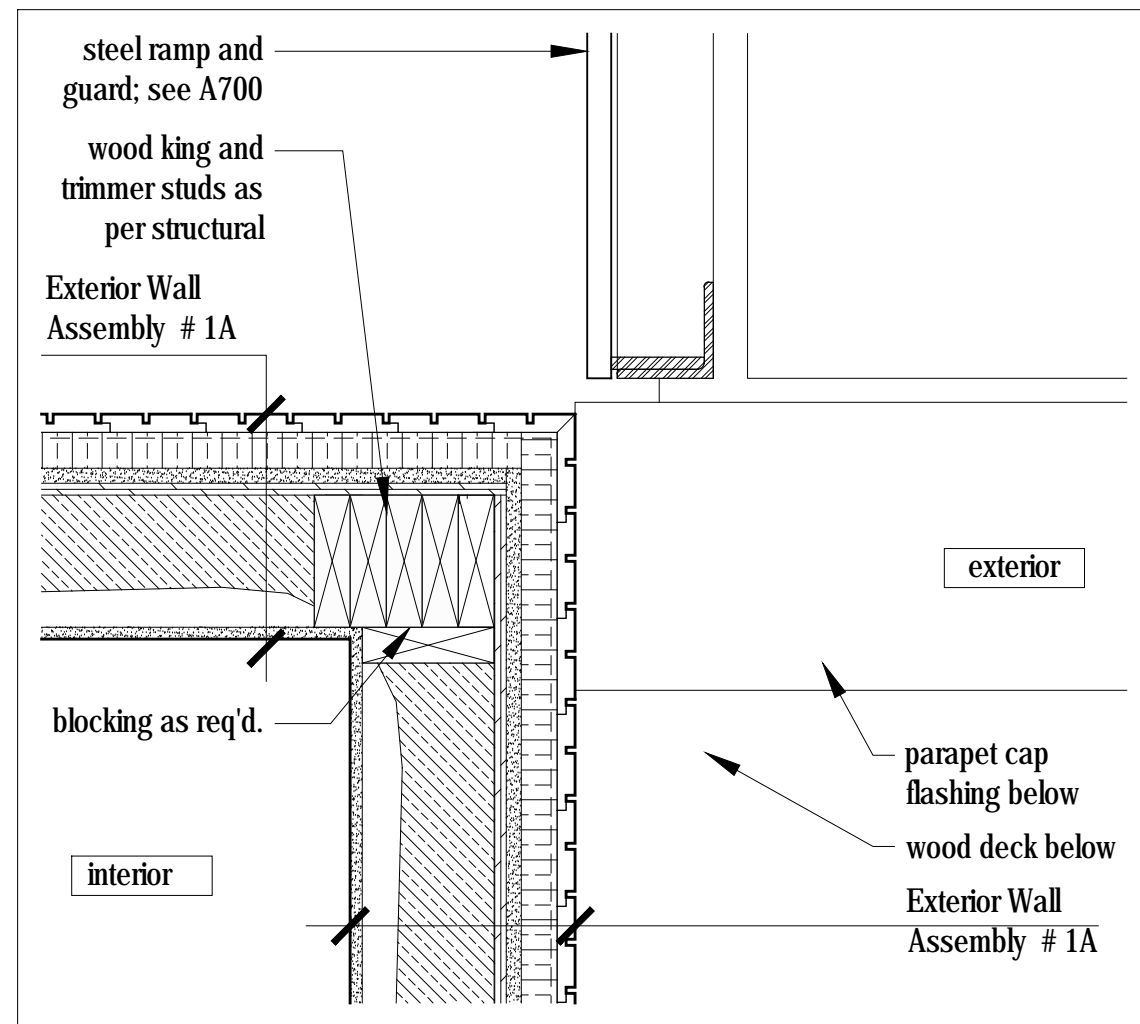
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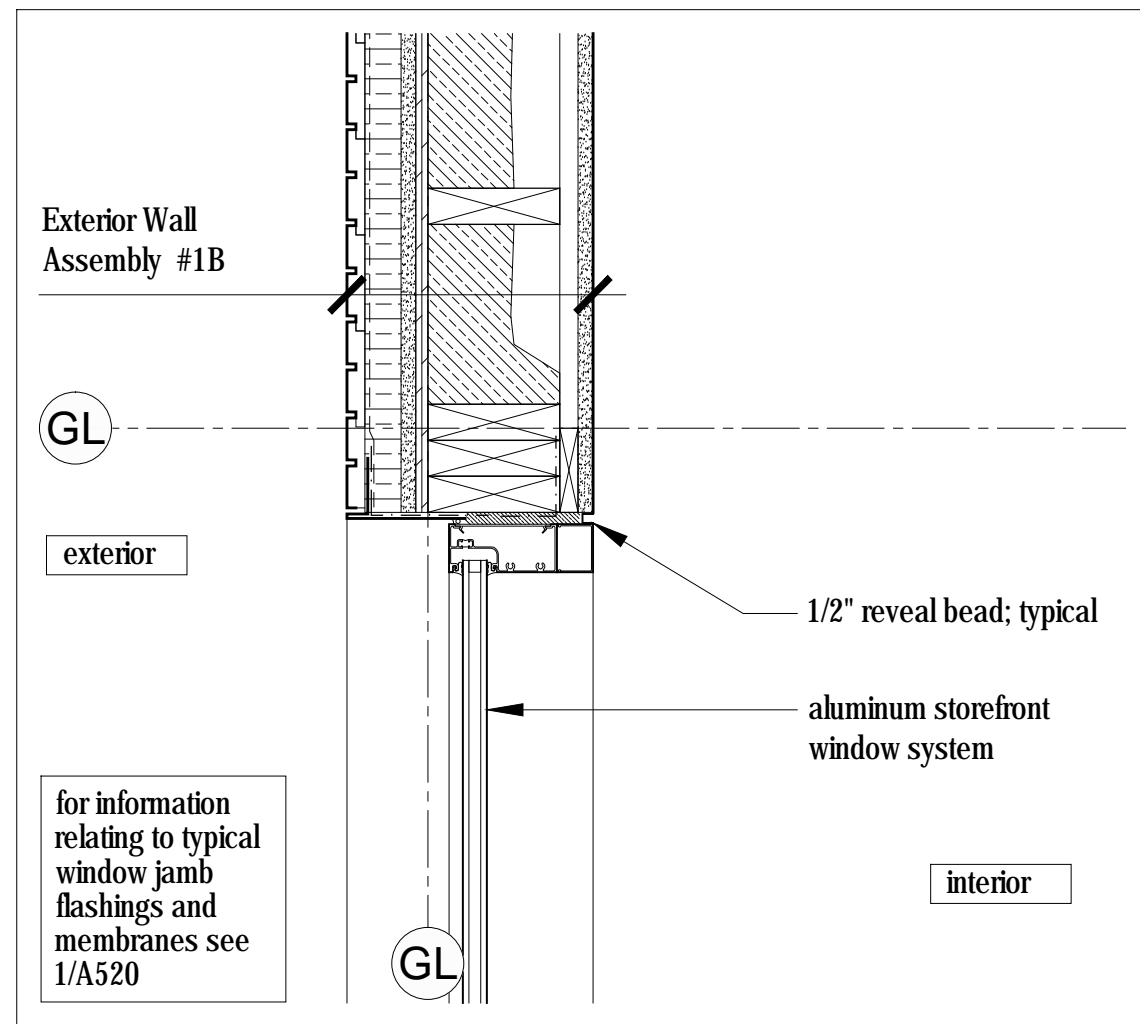
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**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:  
 BUILDING     STRUCTURAL  
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 ELECTRICAL     ENERGY  
 ACCESSIBILITY     FIRE  
  
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BY: **MEM** DATE: 08/24/17  
**WEST COAST CODE CONSULTANTS, INC.**

**Cabin 1000**  
**Building Section**  
scale: 1/4" = 1'-0"  
date: 16-04-20  
drawn: MJ/JL  
chk'd: BML  
**A401**



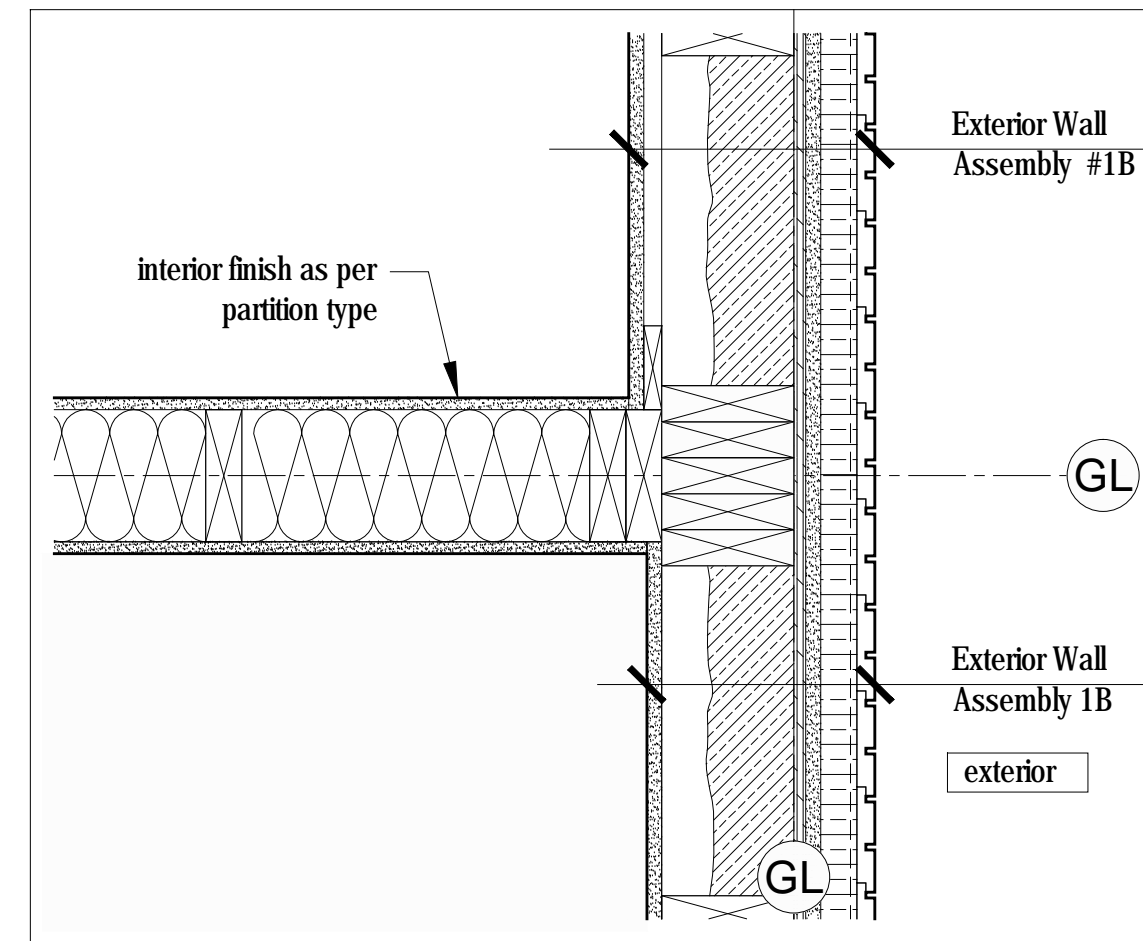
9  
A500 Plan Detail  
Scale 1 1/2" = 1'-0"



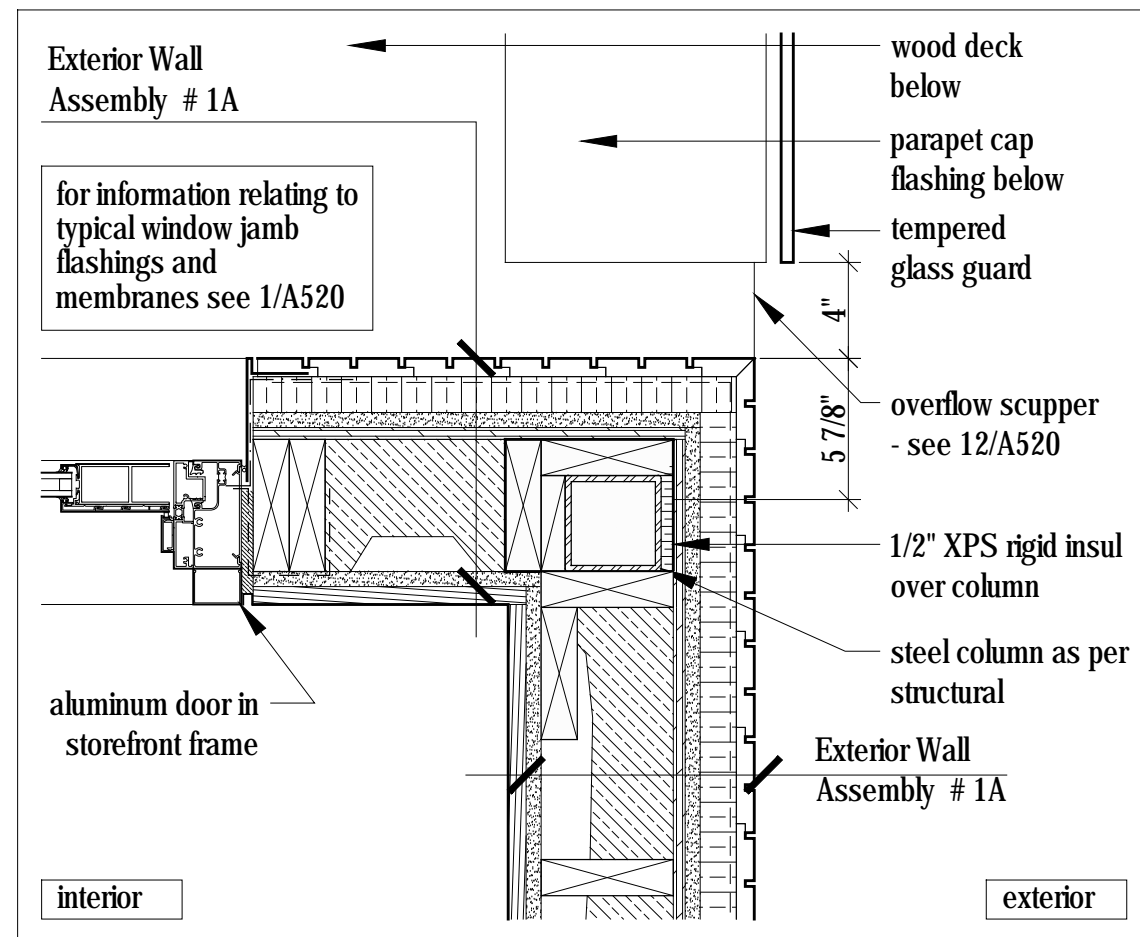
6  
A500 Plan Detail  
Scale 1 1/2" = 1'-0"

Exterior Wall Assembly 1A  
+ 1x4 vertical shiplap wood cladding - type 1 - see A001 for profile  
+ rainscreen grid  
+ vapor permeable weather barrier  
+ 1 1/2" continuous XPS rigid insulation (R7.5)  
+ 5/8" type X gypsum sheathing  
+ plywood sheathing as per structural  
+ 2x6 wood studs as per structural  
+ 4" 2lb. sprayfoam insulation (R20 - air barrier / vapor retarder Class 2)  
+ 5/8" type X gypsum wallboard (5/8" type X gypsum tile backer board in wet areas)  
+ refer to wall finish schedule for interior finish

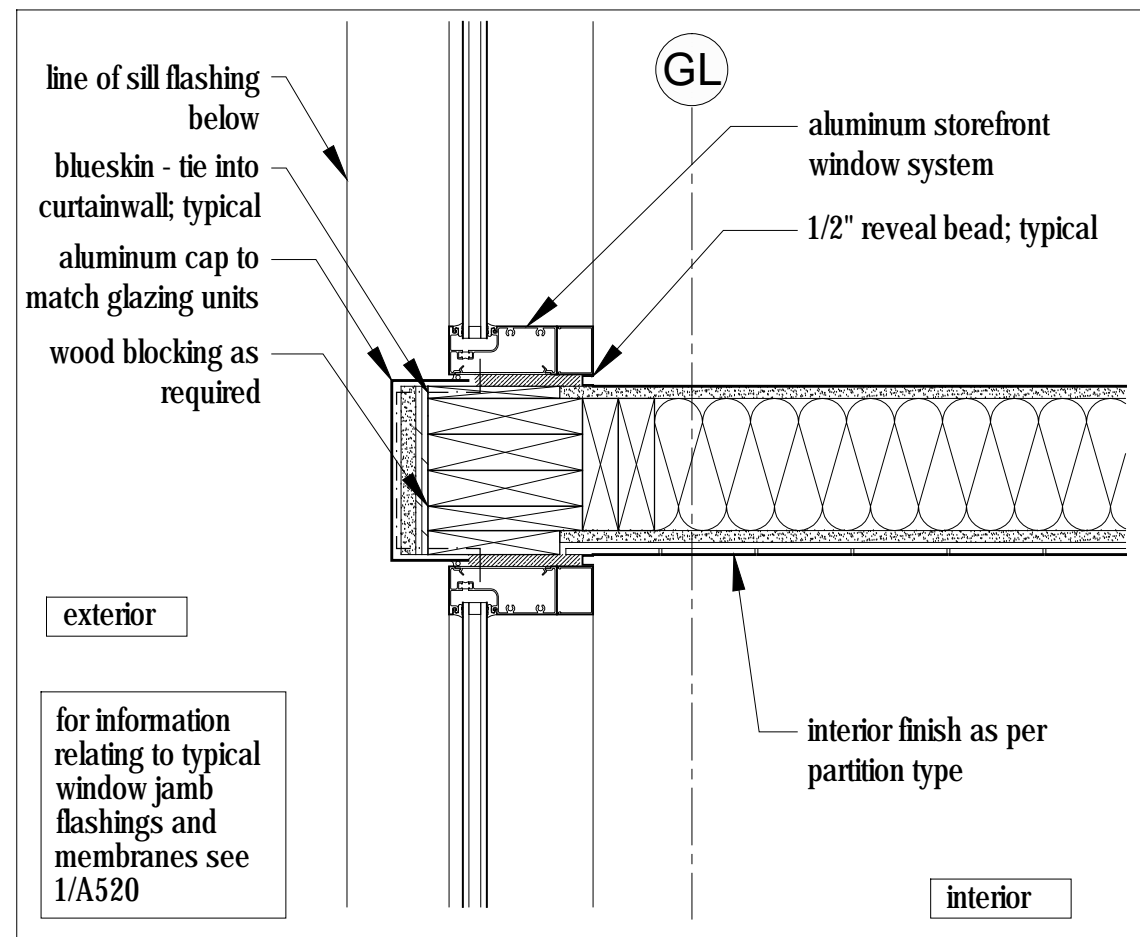
Exterior Wall Assembly 1B  
+ 1x4 vertical shiplap wood cladding - type 1 - see A001 for profile  
+ rainscreen grid  
+ vapor permeable weather barrier  
+ 1 1/2" continuous XPS rigid insulation (R7.5)  
+ 5/8" type X gypsum sheathing  
+ plywood sheathing as per structural  
+ 2x6 wood studs as per structural  
+ 4" 2lb. sprayfoam insulation (R20 - air barrier / vapor retarder Class 2)  
+ 1x4 wood strapping @ 16" o.c.  
+ 5/8" type X gypsum wallboard (5/8" type X gypsum tile backer board in wet areas)  
+ refer to wall finish schedule for interior finish



1  
A500 Plan Detail  
Scale 1 1/2" = 1'-0"

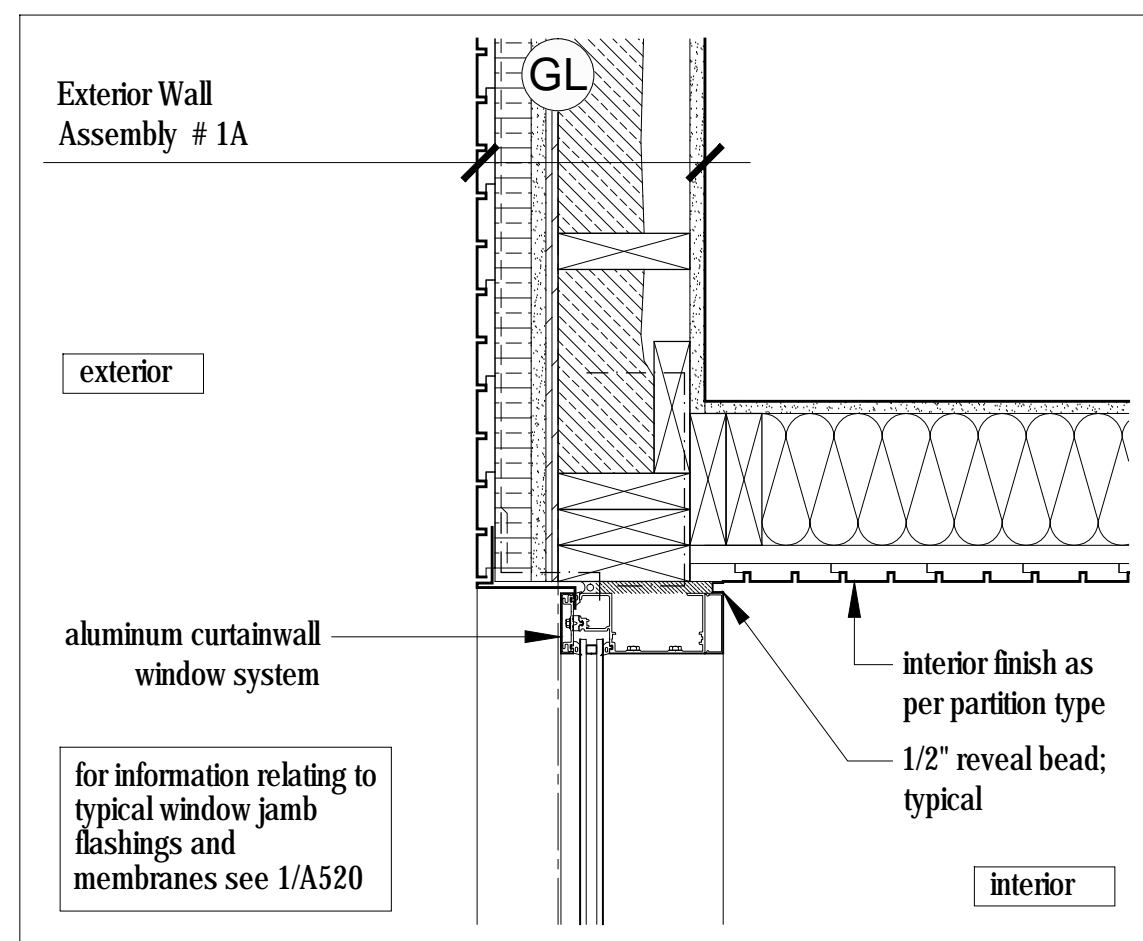


8  
A500 Plan Detail  
Scale 1 1/2" = 1'-0"

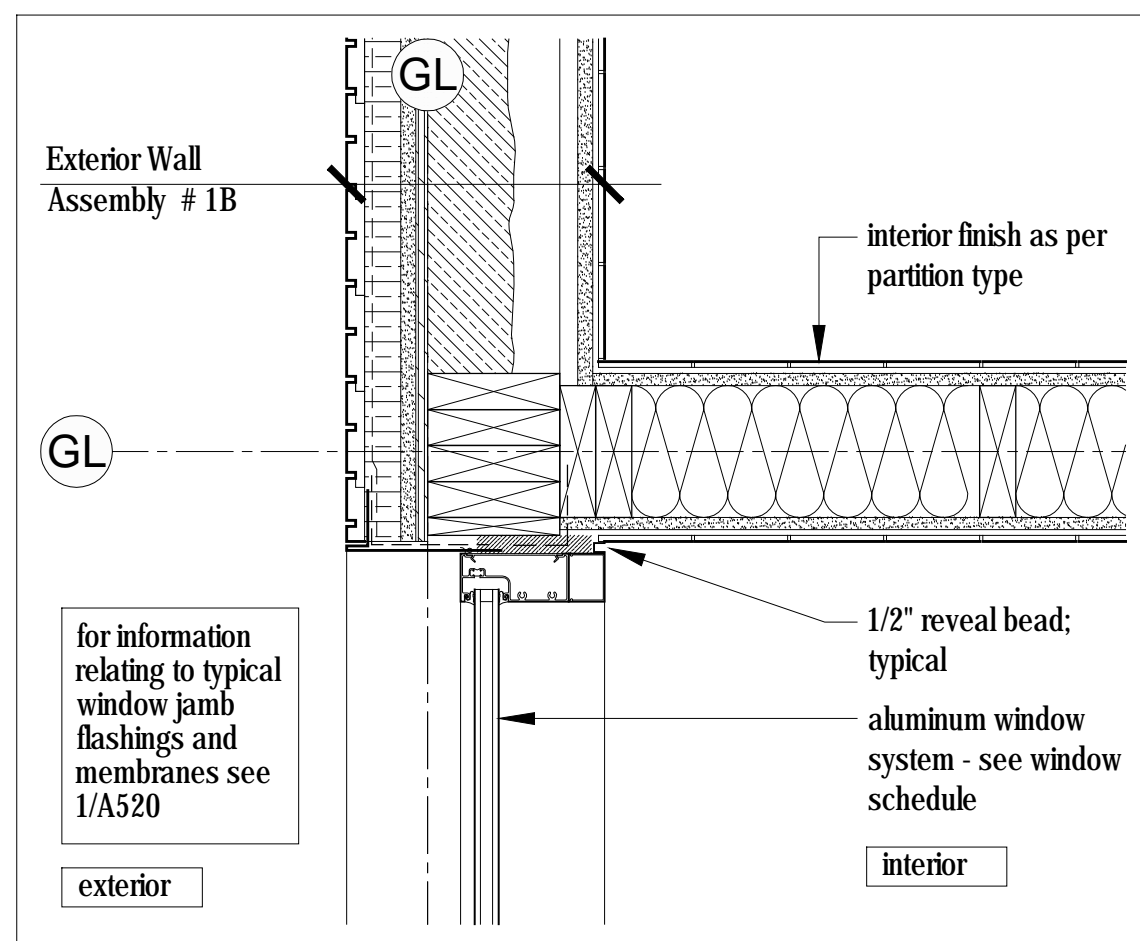


5  
A500 Plan Detail  
Scale 1 1/2" = 1'-0"

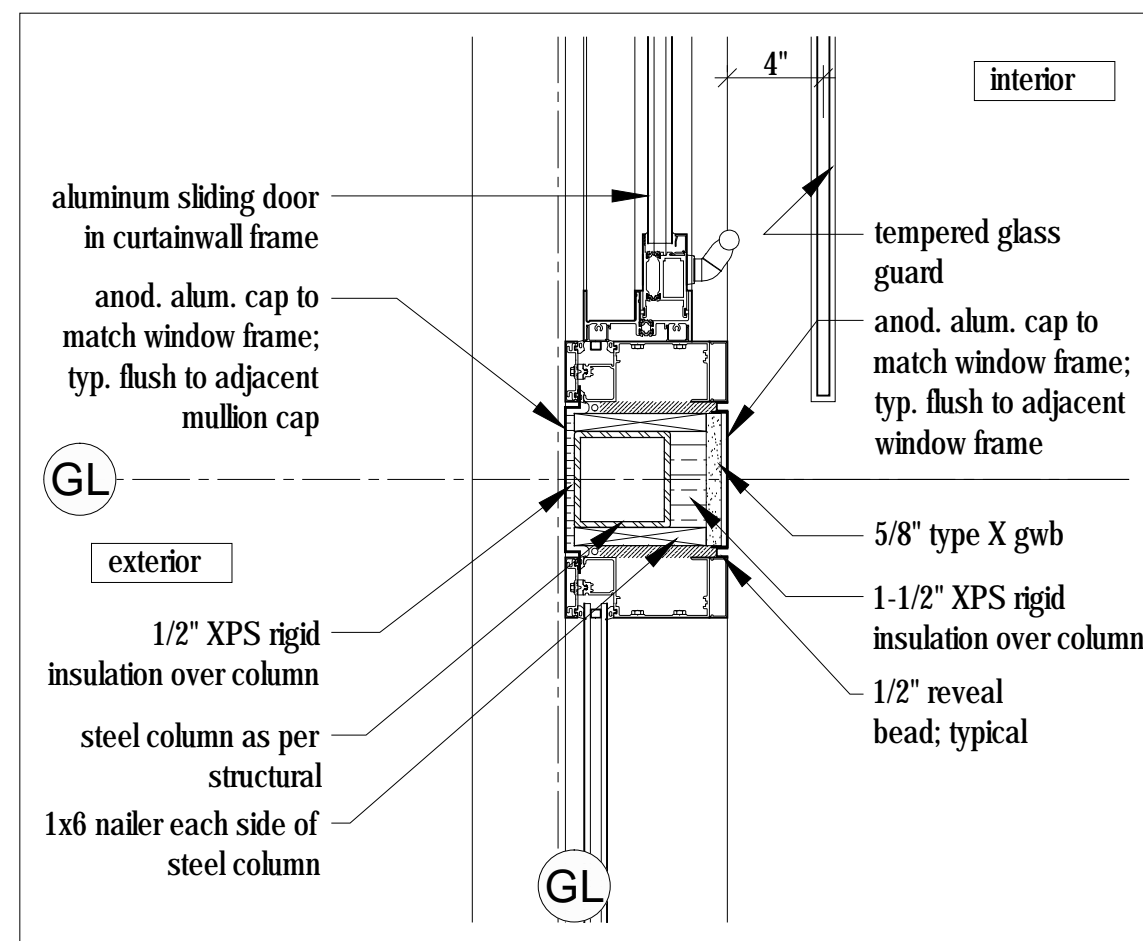
Assemblies  
Scale 1 1/2" = 1'-0"



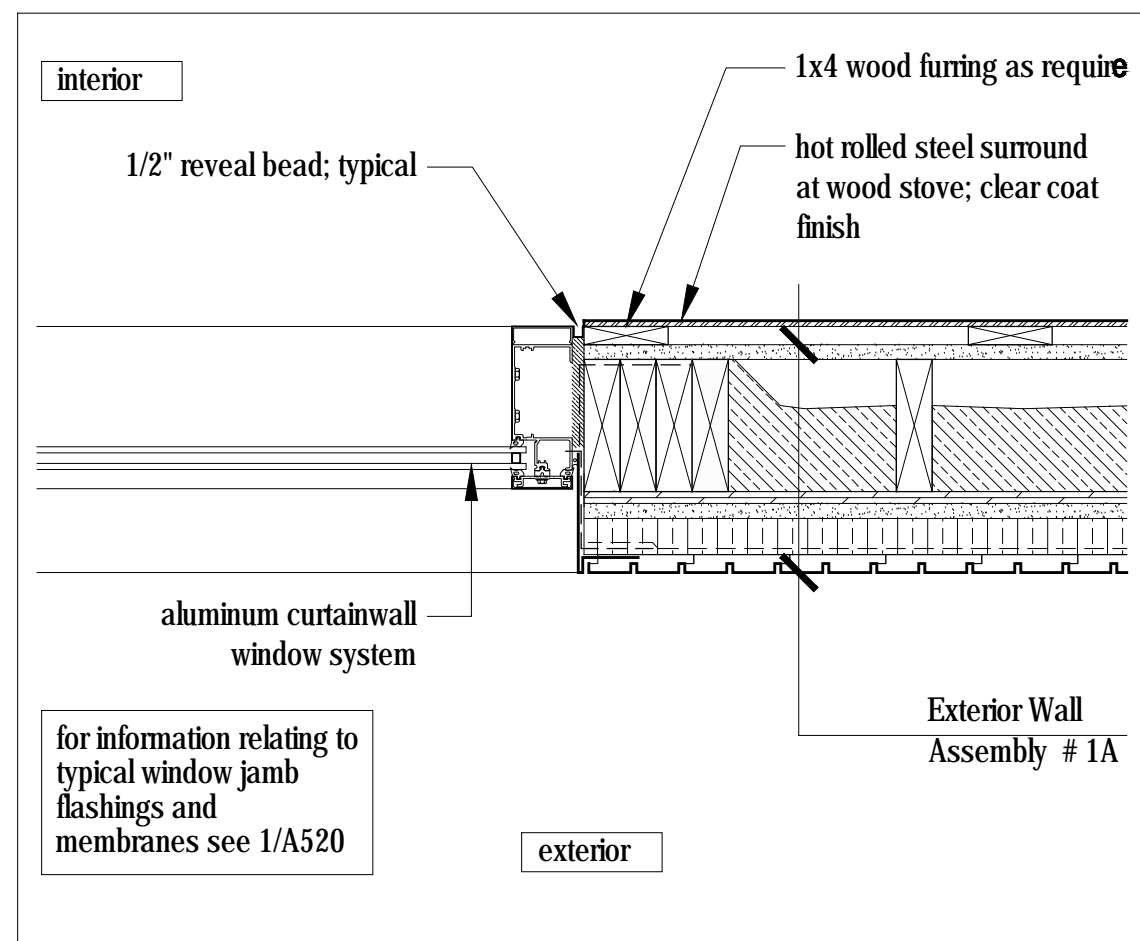
11  
A500 Plan Detail  
Scale 1 1/2" = 1'-0"



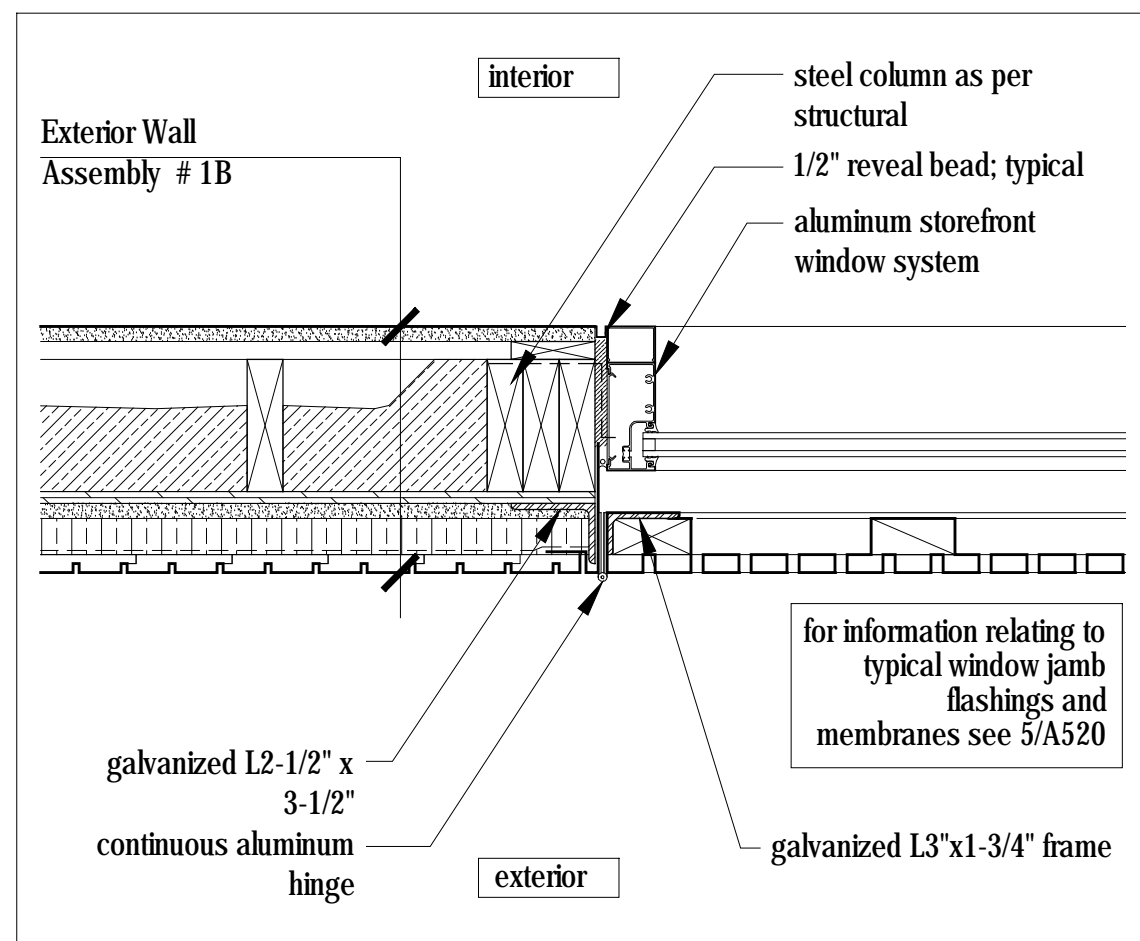
4  
A500 Plan Detail  
Scale 1 1/2" = 1'-0"



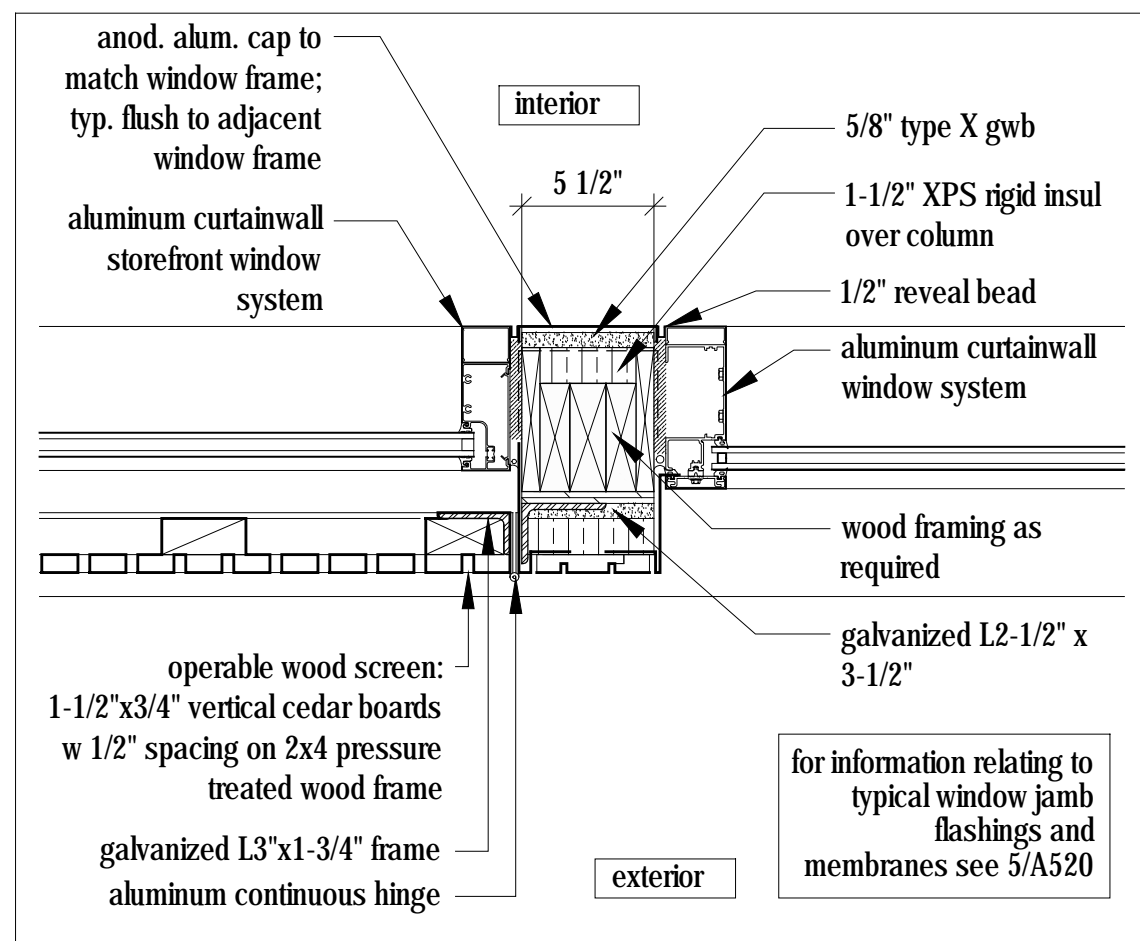
10  
A500 Plan Detail  
Scale 1 1/2" = 1'-0"



7  
A500 Plan Detail  
Scale 1 1/2" = 1'-0"

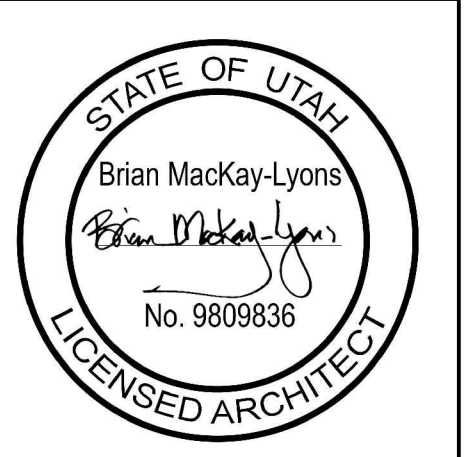


3  
A500 Plan Detail  
Scale 1 1/2" = 1'-0"



2  
A500 Plan Detail  
Scale 1 1/2" = 1'-0"

PLAN REVIEW ACCEPTANCE  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.  
[X] BUILDING [X] STRUCTURAL  
[X] MECHANICAL [X] PLUMBING  
[X] ELECTRICAL [X] ENERGY  
[ ] ACCESSIBILITY [ ] FIRE  
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BY: MEM DATE: 08/24/17  
WEST COAST CODE CONSULTANTS, INC.



No.	Description	Date
03	Issued for Const. Rev. 2	15.08.2017
02	Issued for Const. Rev. 1	21.07.2017
01	Issued for Construction	17.03.2017

Revision:

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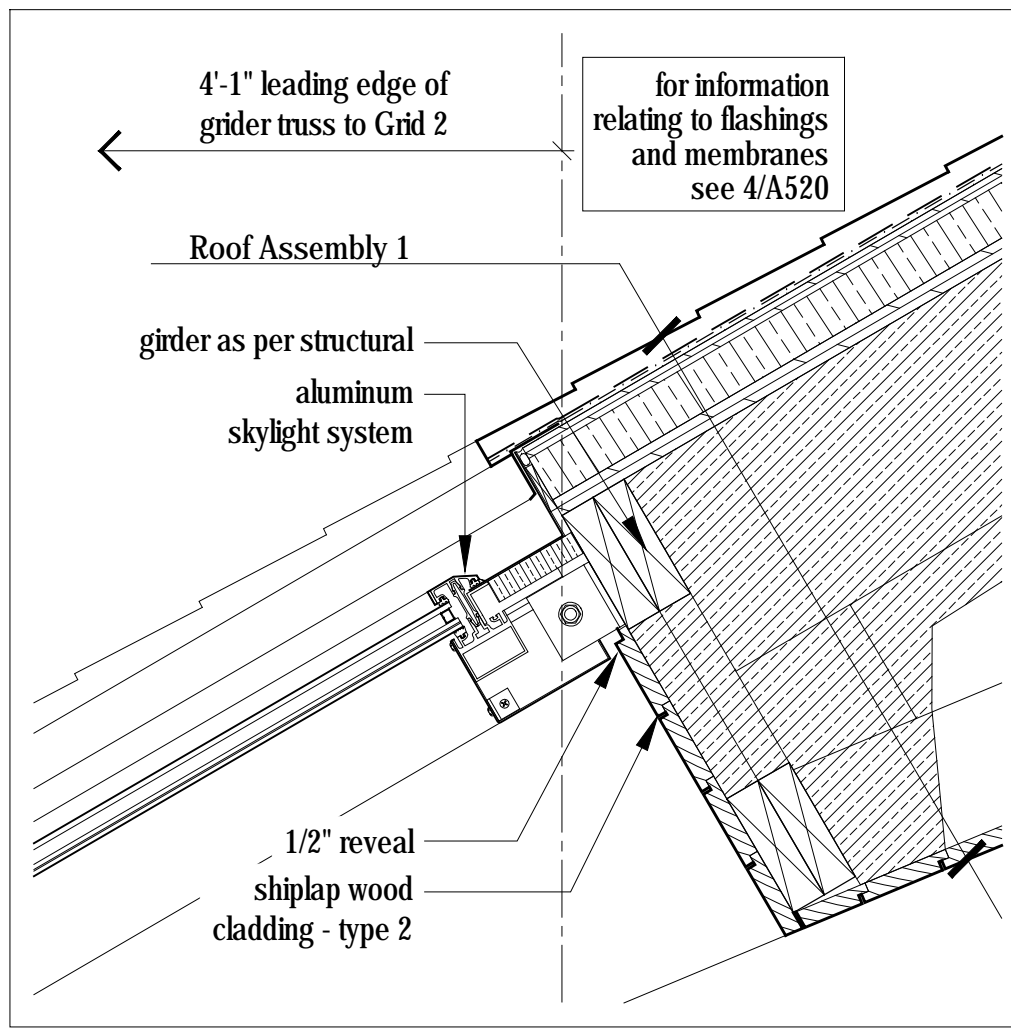
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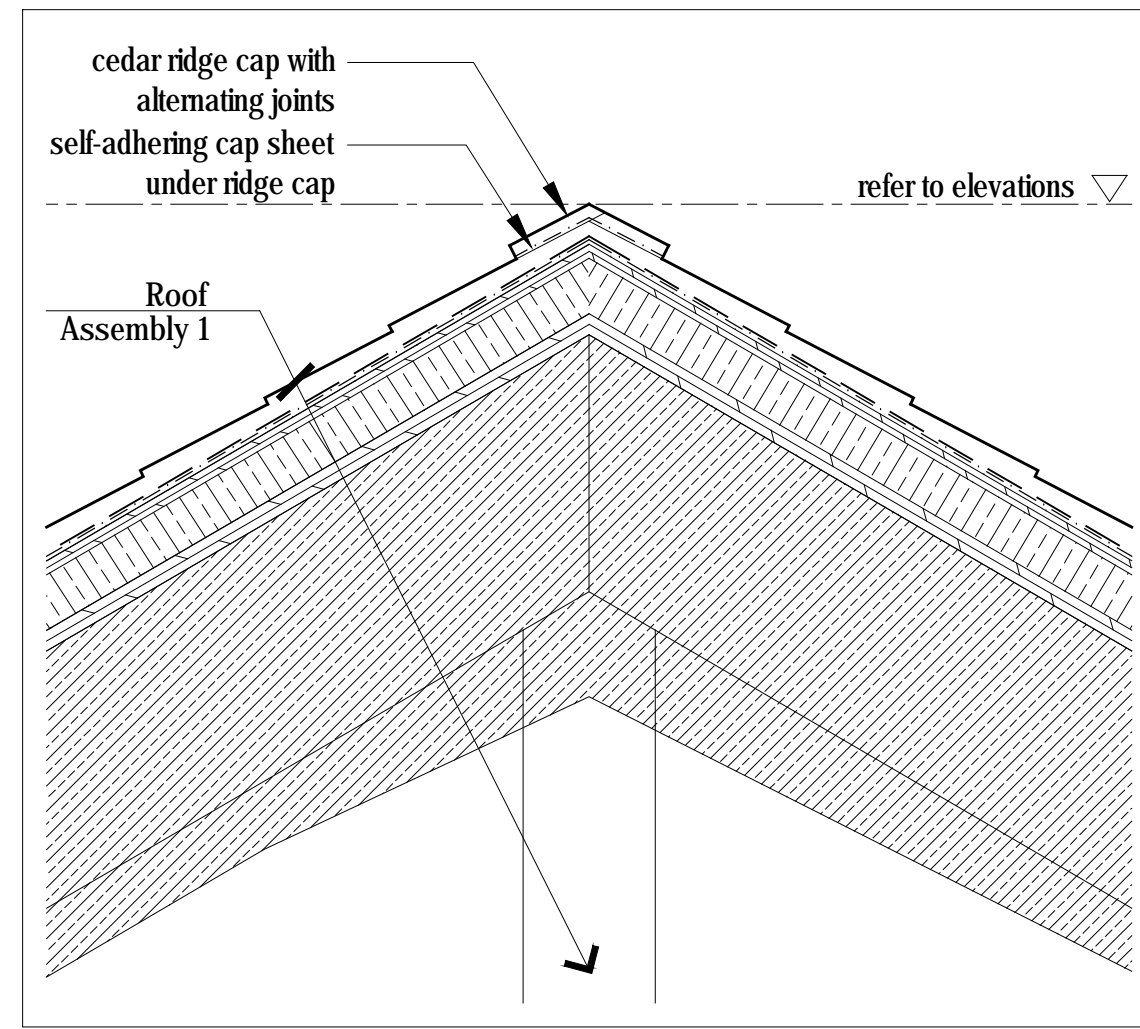
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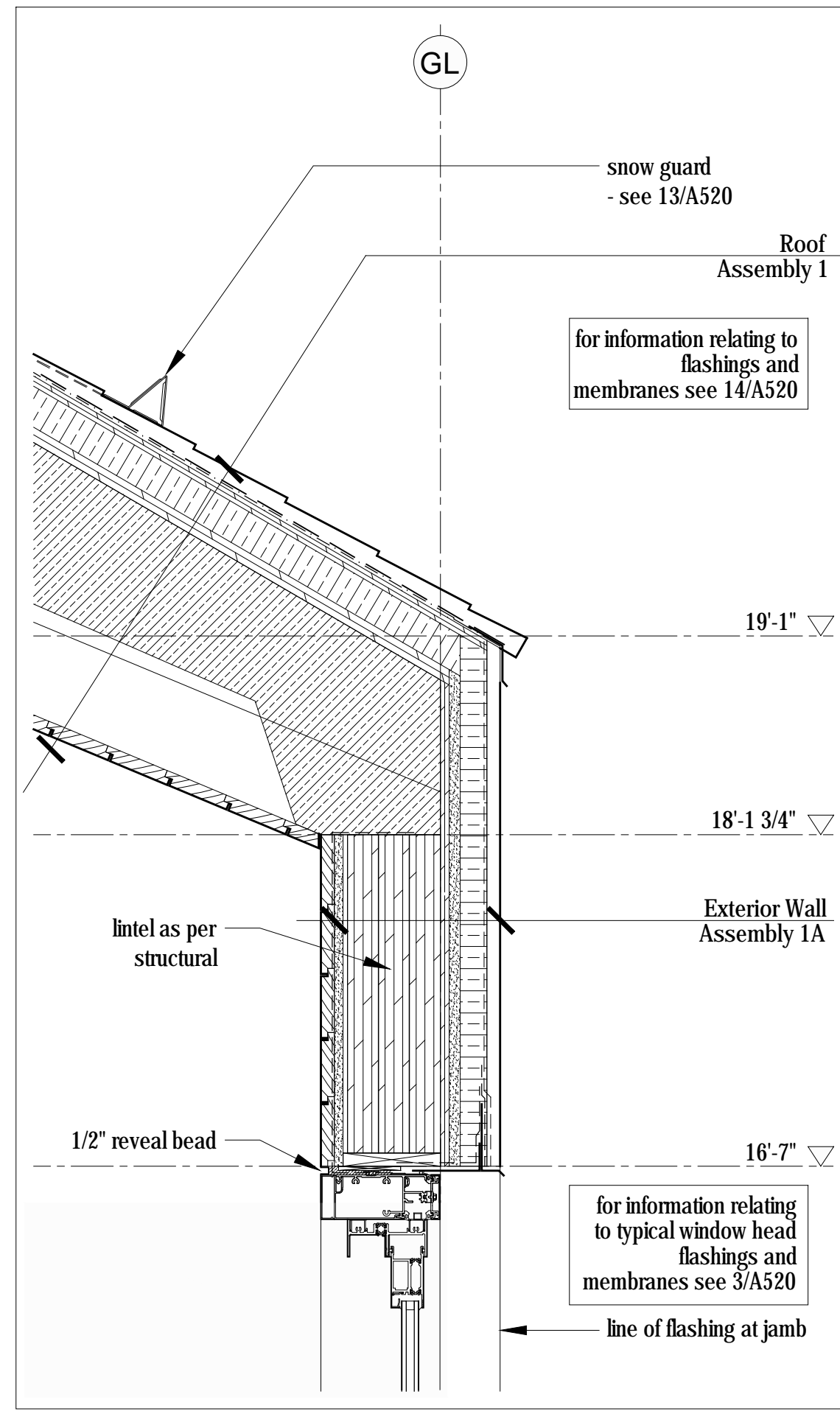
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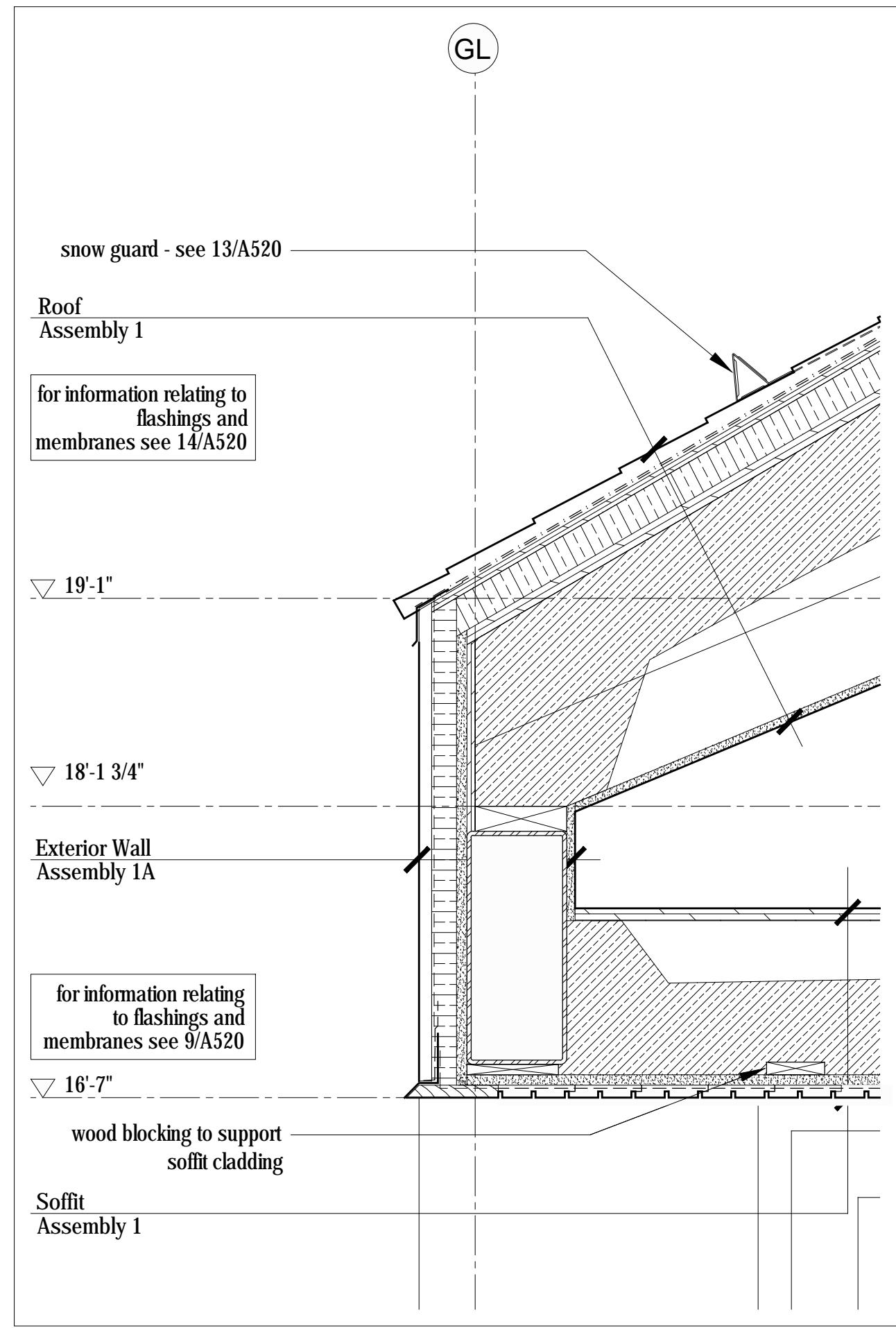
8  
A510  
**Head Detail at Skylight Window**  
Scale 1 1/2" = 1'-0"



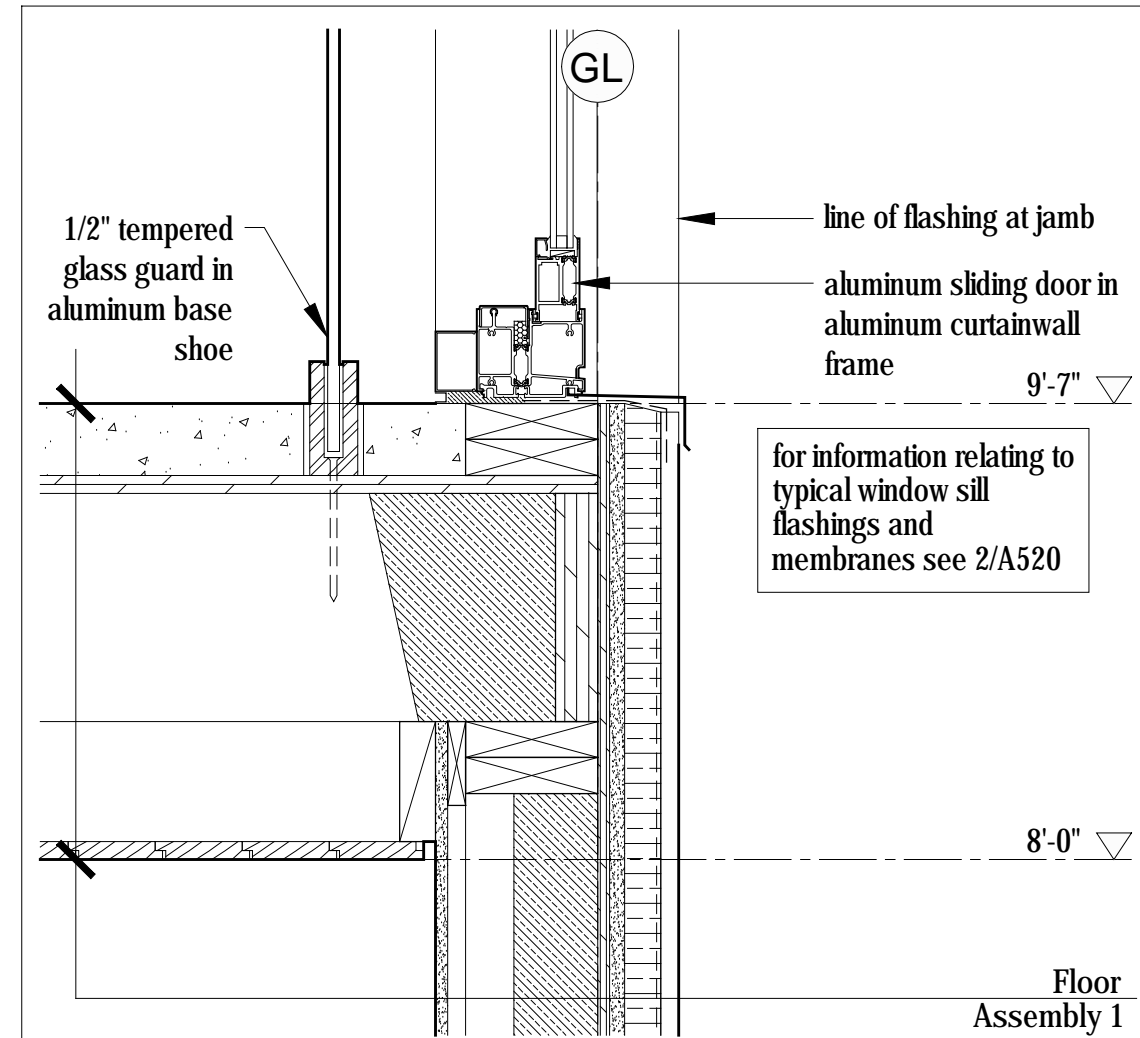
7  
A510  
**Typical Section Detail @ Ridge**  
Scale 1 1/2" = 1'-0"



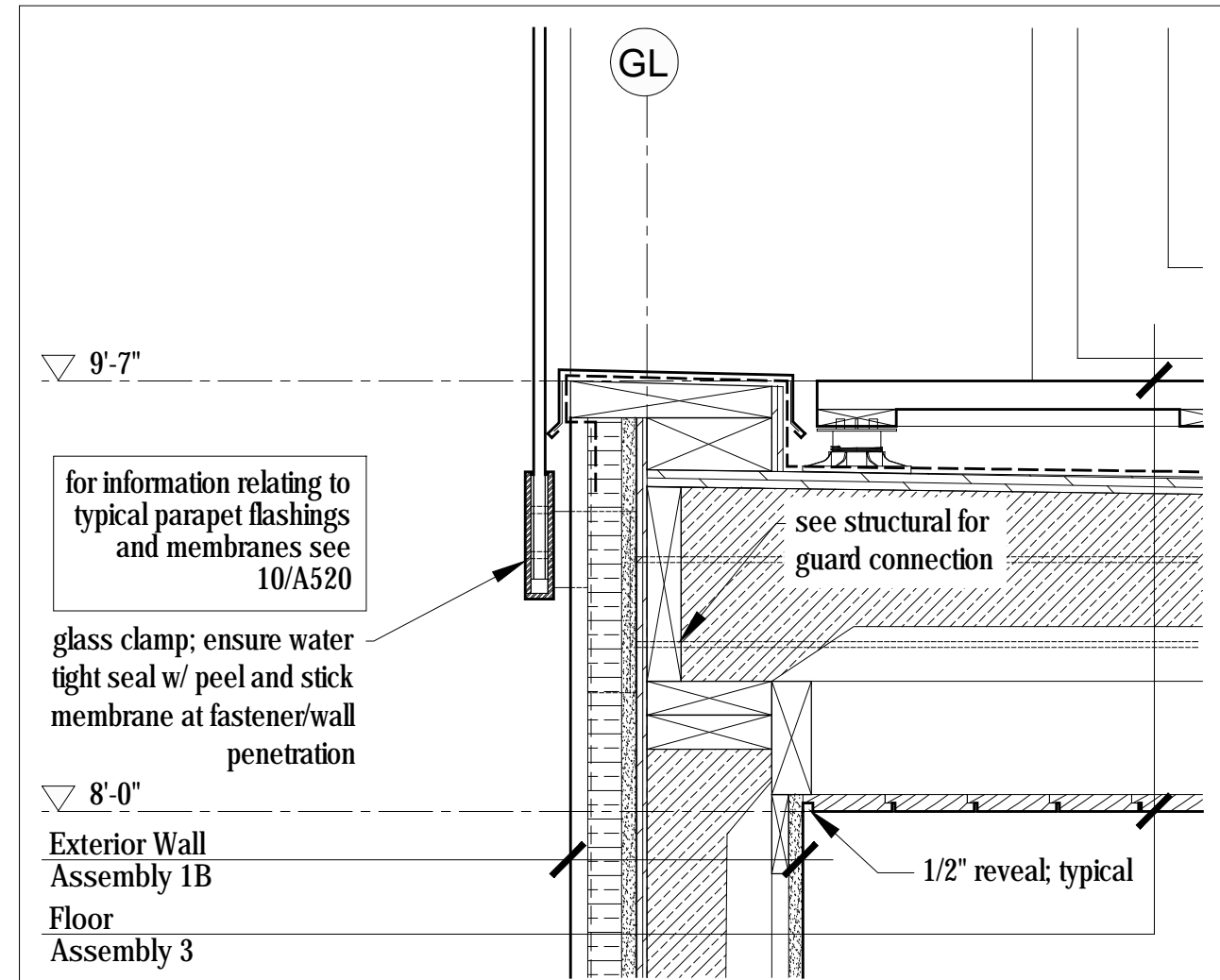
6  
A510  
**Typical Eave and Window Head Detail**  
Scale 1 1/2" = 1'-0"



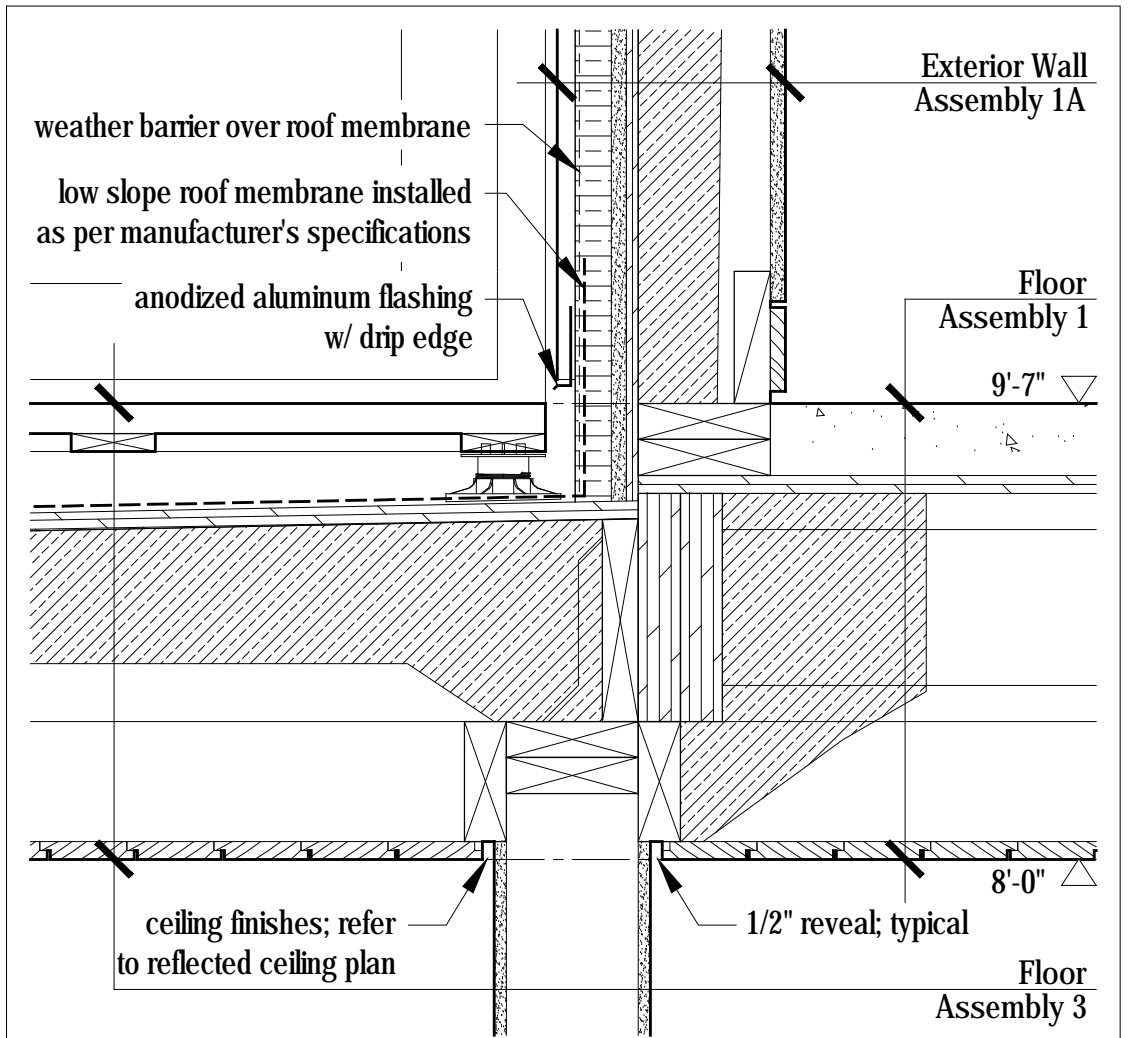
4  
A510  
**Section Detail @ Entry Porch Soffit**  
Scale 1 1/2" = 1'-0"



5  
A510  
**Typical Window Sill Detail**  
Scale 1 1/2" = 1'-0"



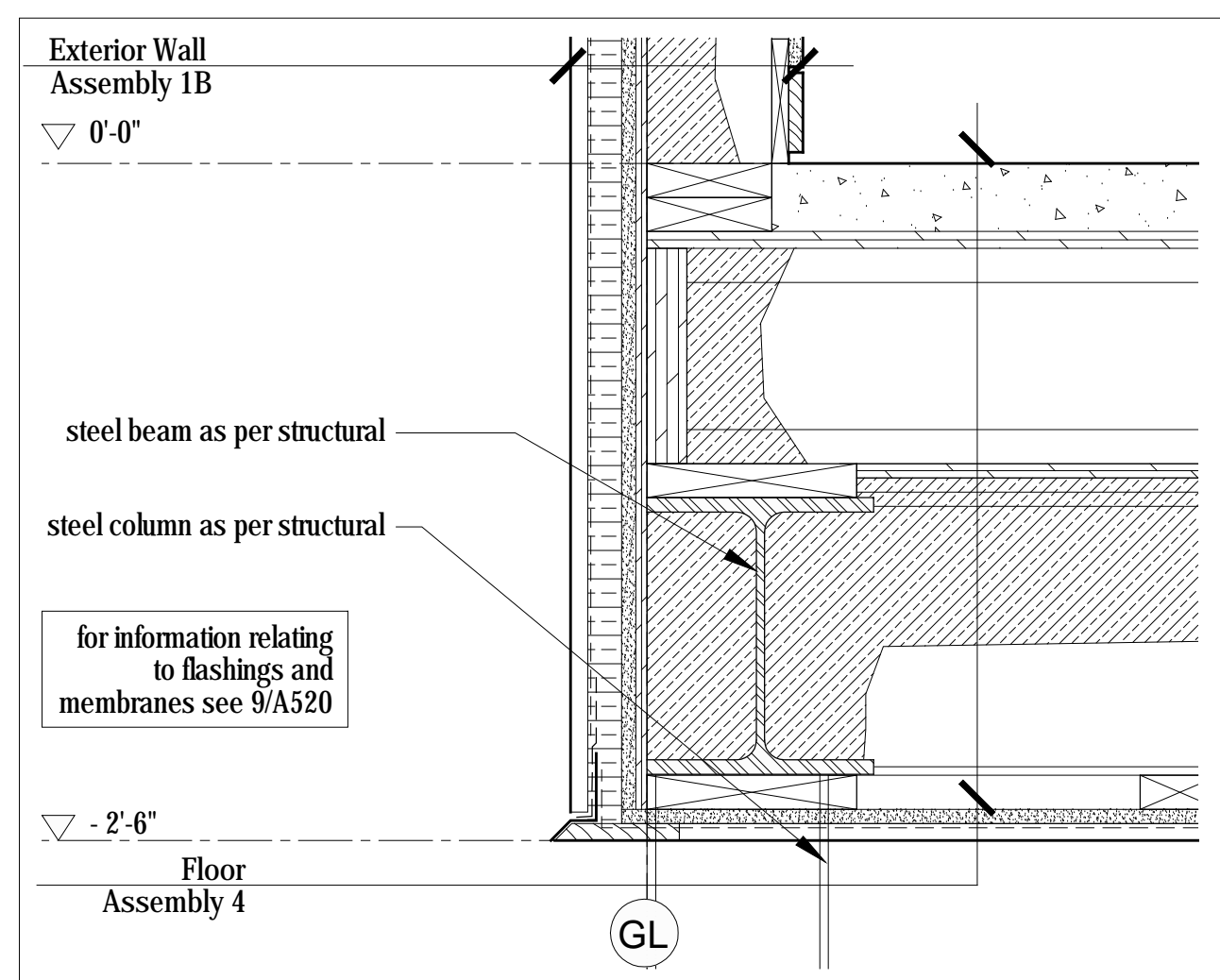
3  
A510  
**Section Detail at Entry Porch Parapet**  
Scale 1 1/2" = 1'-0"



1  
A510  
**Typical Wall / Deck Detail**  
Scale 1 1/2" = 1'-0"

- Roof Assembly 1**  
+ Class B fire retardant pressure treated cedar shingles  
+ rainscreen grid  
+ Class A mineral-surfaced cap sheet  
+ self-adhering sheet roof membrane underlayment  
+ 1/2" exterior grade plywood  
+ 2" continuous XPS rigid insulation (R10)  
+ plywood sheathing as per structural  
+ wood trusses as per structural  
+ 6" 2lb. sprayfoam insulation (R30 - air barrier / vapor retarder Class 2)  
+ interior sprinkler system as per A101 code review  
+ 3/4" shiplap wood cladding - type 2 - see A001 for profile
- Roof Assembly 2**  
+ Class B fire retardant pressure treated cedar shingles  
+ rainscreen grid  
+ Class A mineral-surfaced cap sheet  
+ self-adhering sheet roof membrane underlayment  
+ 1/2" exterior grade plywood  
+ 2" continuous XPS rigid insulation (R10)  
+ plywood sheathing as per structural  
+ wood trusses as per structural  
+ 5/8" type X gypsum sheathing  
+ vapor permeable weather barrier  
+ 3/4" shiplap wood cladding - type 2 - see A001 for profile
- Floor Assembly 1**  
+ 3" concrete topping w/ in-floor heating  
+ plywood sheathing as per structural  
+ wood floor joists as per structural  
+ wood furring as required  
+ interior sprinkler system as per A101 code review  
+ 3/4" shiplap wood cladding - type 2 - see A001 for profile
- Floor Assembly 2**  
+ 3" concrete topping w/ in-floor heating  
+ plywood sheathing as per structural  
+ wood floor joists as per structural  
+ wood furring as per structural  
+ interior sprinkler system as per A101 code review  
+ 3/4" shiplap wood cladding - type 2 - see A001 for profile
- Floor Assembly 3**  
+ palletized wood deck system  
+ liquid-applied roofing membrane  
+ plywood sheathing as per structural - slope to drain, minimum 2%  
+ wood floor joists as per structural  
+ tapered to create slope  
+ 6" 2lb. sprayfoam insulation (R30 - air barrier / vapor retarder Class 2)  
+ interior sprinkler system as per A101 code review  
+ 3/4" shiplap wood cladding - type 2 - see A001 for profile
- Floor Assembly 4**  
+ 3" concrete topping w/ in-floor heating  
+ plywood sheathing as per structural  
+ wood floor joists as per structural  
+ 1/2" plywood  
+ steel beam as per structural  
+ 6" 2lb. sprayfoam insulation (R30 - air barrier / vapor retarder Class 2)  
+ 2x4 nailer as required  
+ 5/8" type X gypsum sheathing  
+ vapour permeable weather barrier  
+ rainscreen grid  
+ 1x4 wood shiplap cladding - type 1 - see A001 for profile
- Exterior Wall Assembly 1A**  
+ 1x4 vertical shiplap wood cladding - type 1 - see A001 for profile  
+ rainscreen grid  
+ vapor permeable weather barrier  
+ 1 1/2" continuous XPS rigid insulation (R7.5)  
+ 5/8" type X gypsum sheathing  
+ plywood sheathing as per structural  
+ 2x6 wood studs as per structural  
+ 4" 2lb. sprayfoam insulation (R20 - air barrier / vapor retarder Class 2)  
+ 5/8" type X gypsum wallboard (5/8" type X gypsum tile backer board in wet areas)  
+ refer to wall finish schedule for interior finish
- Exterior Wall Assembly 1B**  
+ 1x4 vertical shiplap wood cladding - type 1 - see A001 for profile  
+ rainscreen grid  
+ vapor permeable weather barrier  
+ 1 1/2" continuous XPS rigid insulation (R7.5)  
+ 5/8" type X gypsum sheathing  
+ plywood sheathing as per structural  
+ 2x6 wood studs as per structural  
+ 4" 2lb. sprayfoam insulation (R20 - air barrier / vapor retarder Class 2)  
+ 1x4 wood strapping @ 16" o.c.  
+ 5/8" type X gypsum wallboard (5/8" type X gypsum tile backer board in wet areas)  
+ refer to wall finish schedule for interior finish
- Exterior Wall Assembly 1C**  
+ 1x4 horizontal shiplap wood cladding - type 1 - see A001 for profile  
+ rainscreen grid  
+ vapor permeable weather barrier  
+ 1 1/2" continuous XPS rigid insulation (R7.5)  
+ 5/8" type X gypsum sheathing  
+ plywood sheathing as per structural  
+ 2x6 wood studs as per structural  
+ 4" 2lb. sprayfoam insulation (R20 - air barrier / vapor retarder Class 2)  
+ 5/8" type X gypsum wallboard  
+ 1x4 horizontal shiplap wood cladding - type 2 - see A001 for profile
- Exterior Wall Assembly 2**  
+ 1x4 vertical shiplap wood cladding - type 1 - see A001 for profile  
+ rainscreen grid  
+ vapor permeable weather barrier  
+ 1 1/2" continuous XPS rigid insulation (R7.5)  
+ 5/8" type X gypsum sheathing  
+ plywood sheathing as per structural  
+ 2x6 wood studs as per structural  
+ 5/8" type X gypsum sheathing  
+ vapor permeable weather barrier  
+ 1x4 vertical wood shiplap cladding - type 1 - see A001 for profile
- Exterior Wall Assembly 3**  
+ 1x4 vertical shiplap wood cladding - type 1 - see A001 for profile  
+ rainscreen grid  
+ vapor permeable weather barrier  
+ 1 1/2" continuous XPS rigid insulation (R7.5)  
+ 5/8" type X gypsum sheathing  
+ plywood sheathing as per structural  
+ 2x6 wood studs as per structural  
+ 5/8" type X gypsum sheathing  
+ vapor permeable weather barrier  
+ 1x4 vertical wood shiplap cladding - type 1 - see A001 for profile
- Soffit Assembly 1**  
+ 3/4" sheathing  
+ 6" 2lb. sprayfoam insulation (R30 - air barrier / vapor retarder Class 2)  
+ wood roof joists as per structural  
+ 5/8" type X gypsum sheathing  
+ vapor permeable weather barrier  
+ 1x4 wood shiplap cladding - type 1 - see A001 for profile

A510  
**Assemblies**  
Scale 1 1/2" = 1'-0"



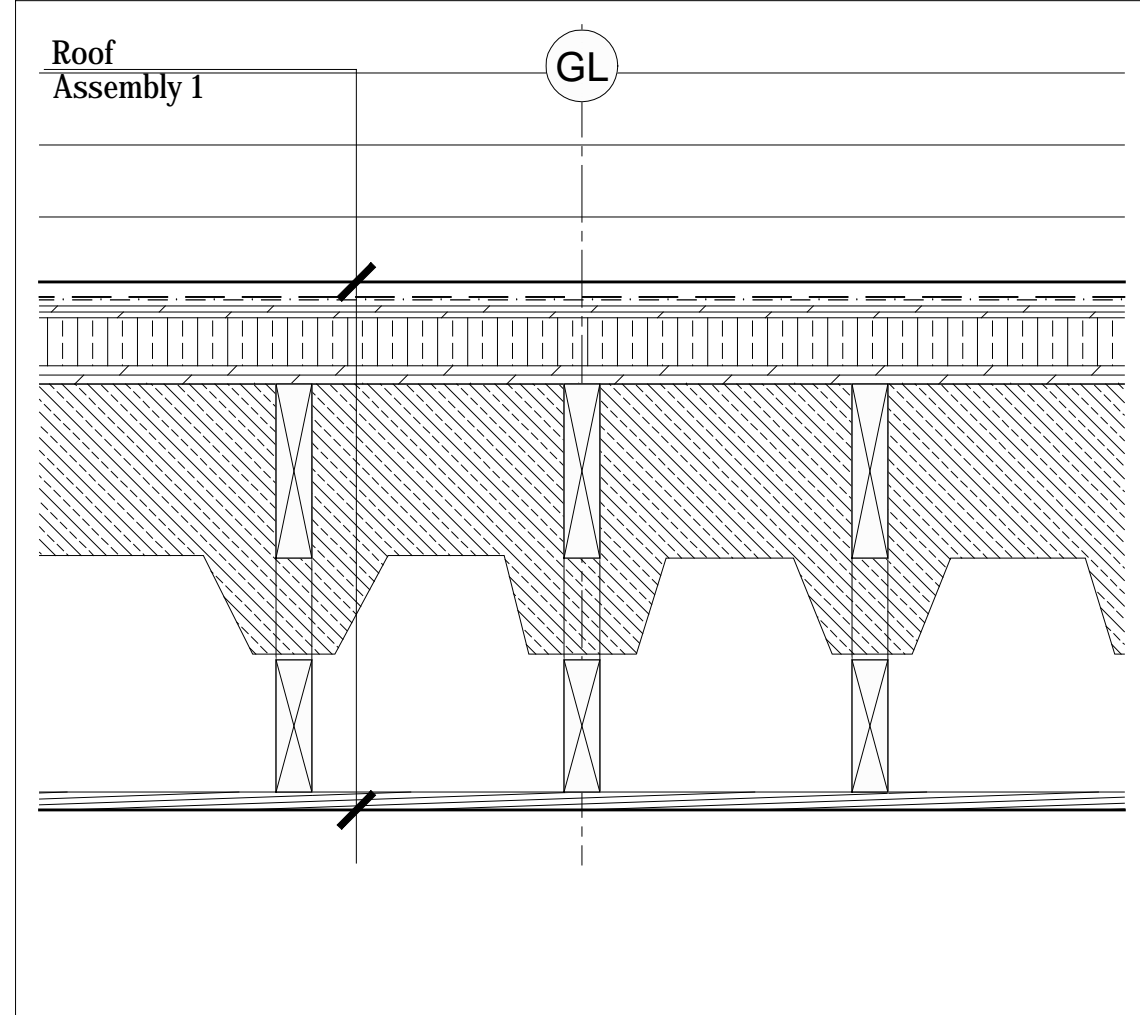
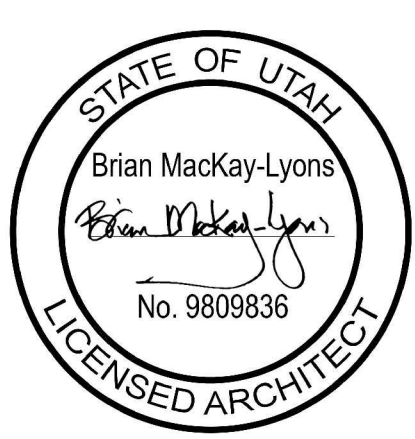
2  
A510  
**Typical Section Detail at Floor/Wall**  
Scale 1 1/2" = 1'-0"



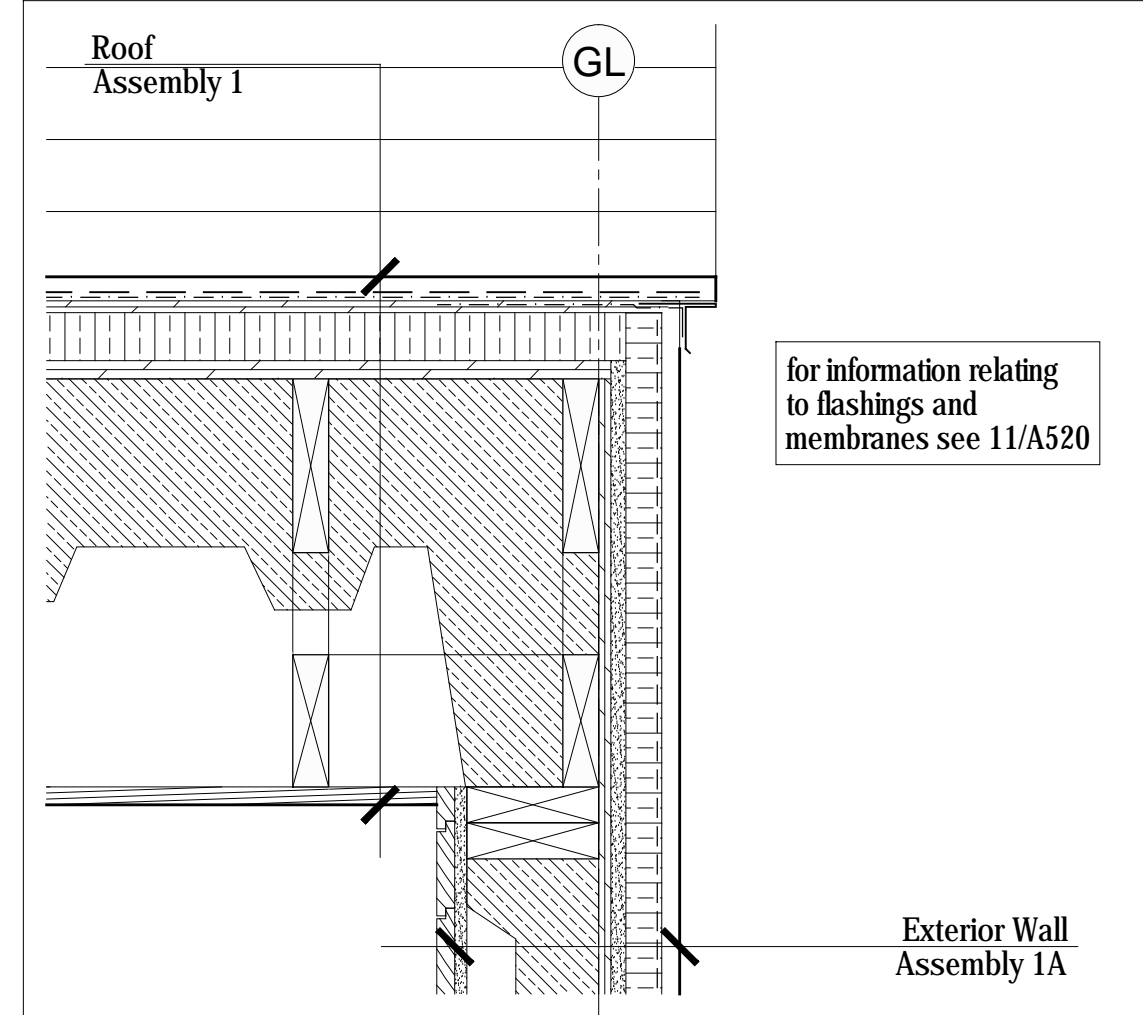
No.	Description	Date
03	Issued for Const. Rev. 2	15.08.2017
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 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE  
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BY: MEM DATE: 08/24/17  
WEST COAST CODE CONSULTANTS, INC.



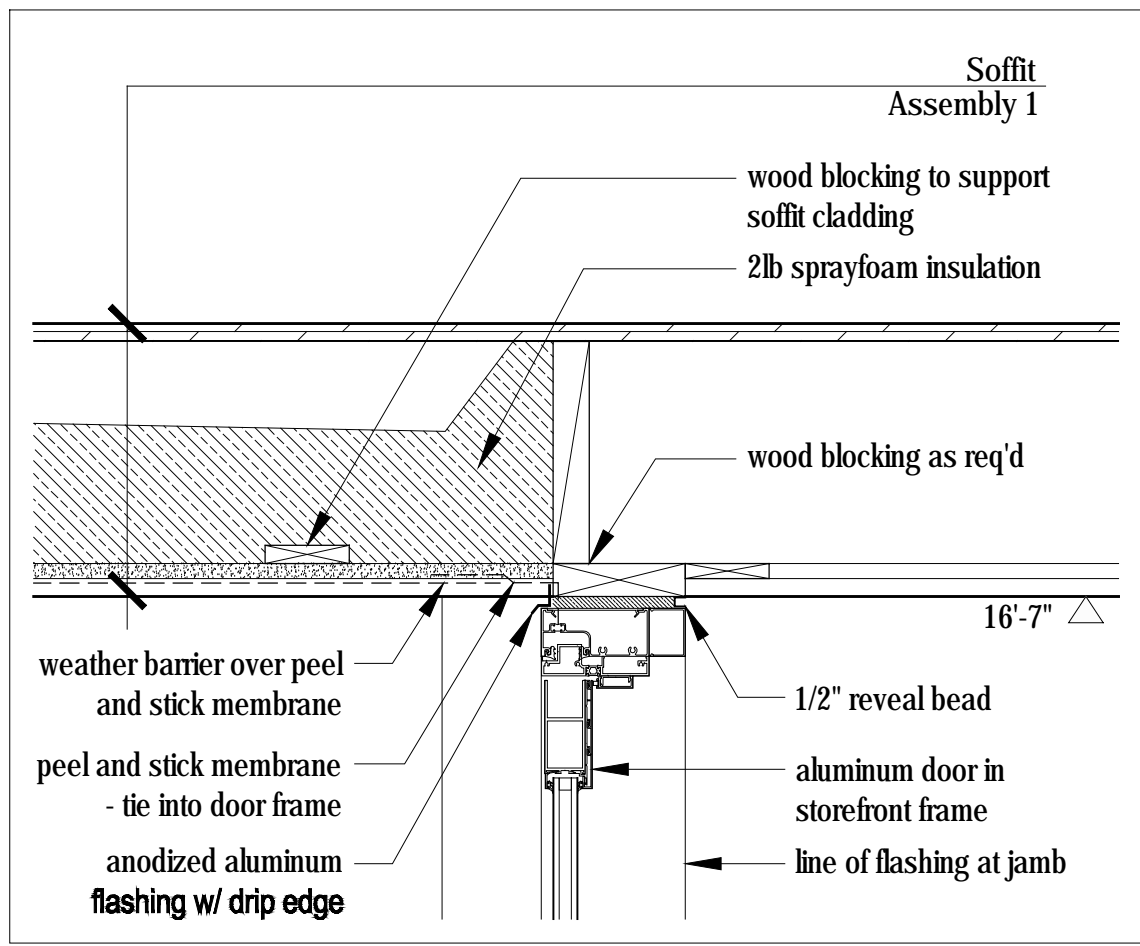
6  
A511  
Typical Section Detail @ Ceiling and Steel Truss  
Scale 1 1/2" = 1'-0"



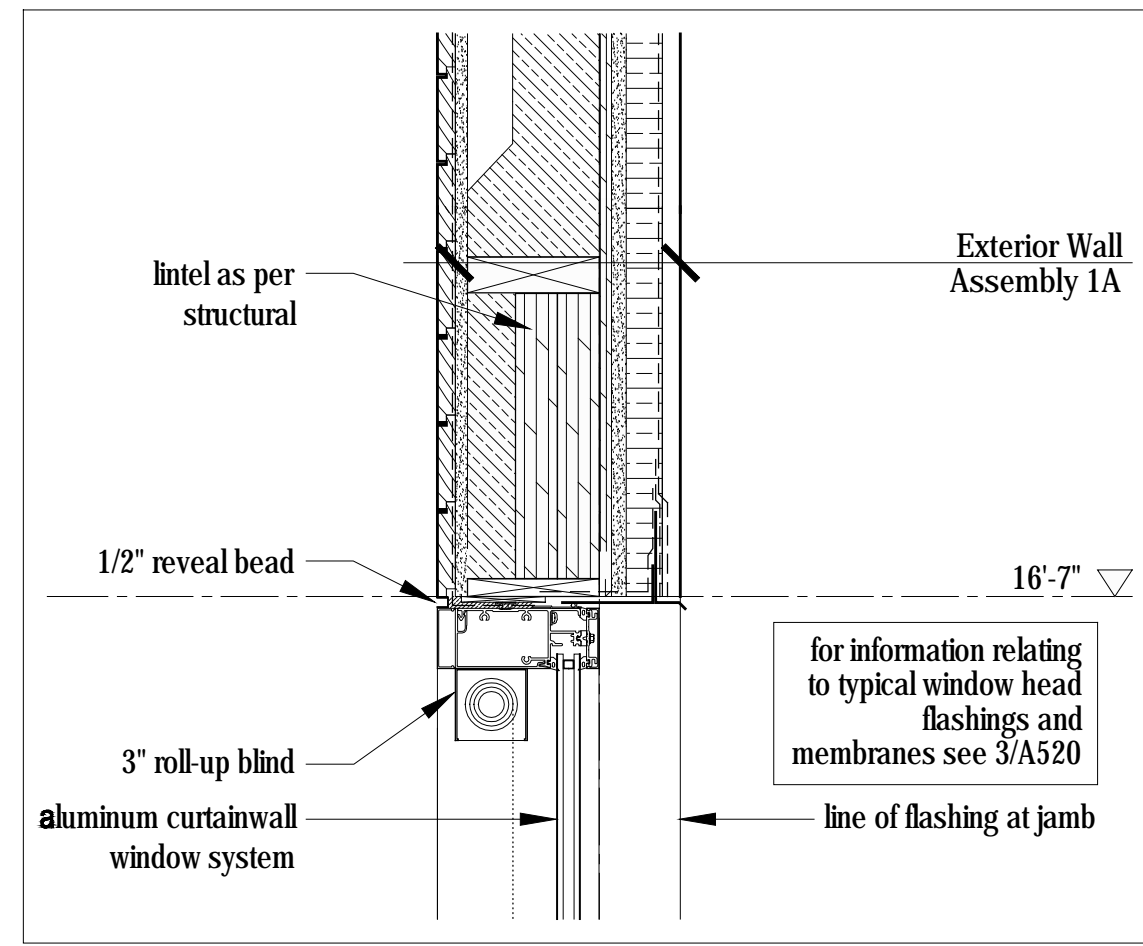
3  
A511  
Typical Rake Detail  
Scale 1 1/2" = 1'-0"

for information relating to flashings and membranes see 11/A520

Exterior Wall Assembly 1A



8  
A511  
Section Detail @ Entry Door Head  
Scale 1 1/2" = 1'-0"



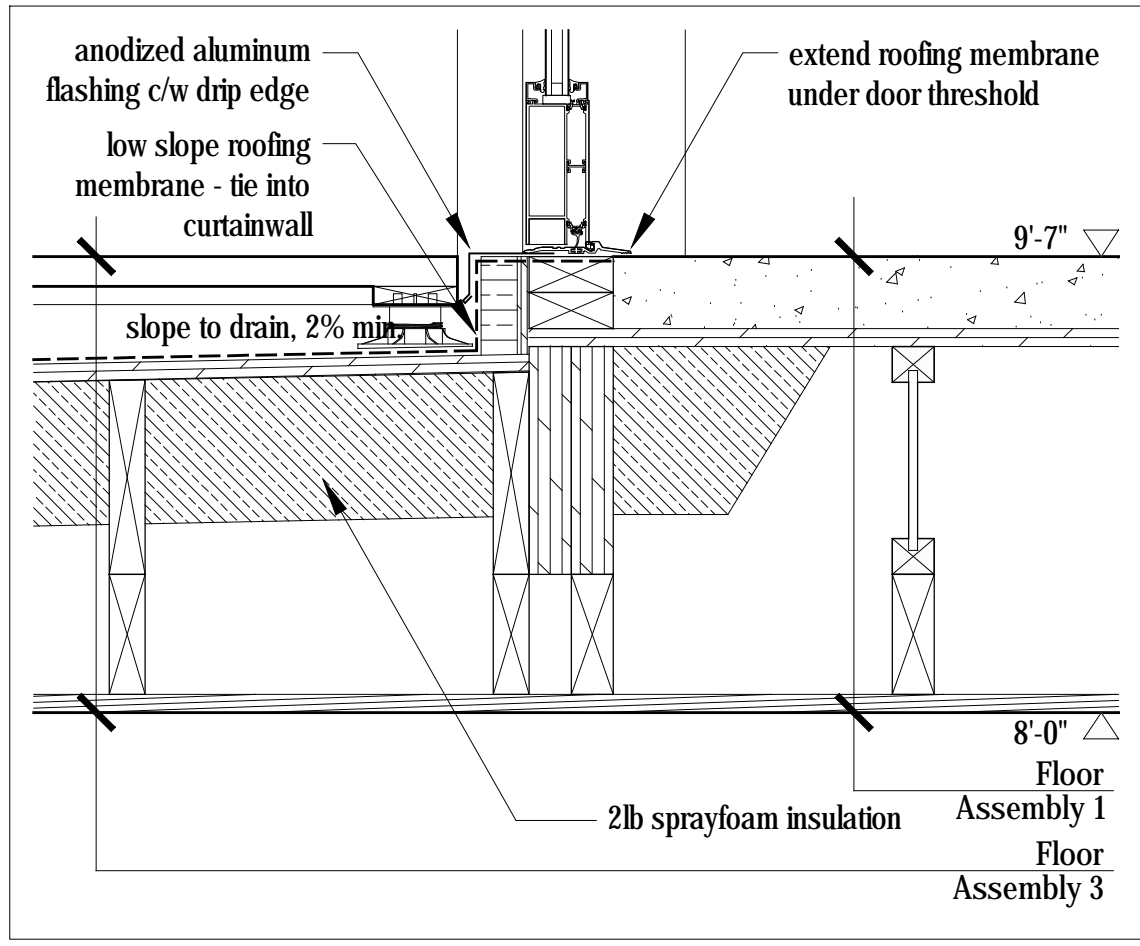
2  
A511  
Section Detail  
Scale 1 1/2" = 1'-0"

for information relating to typical window head flashings and membranes see 3/A520

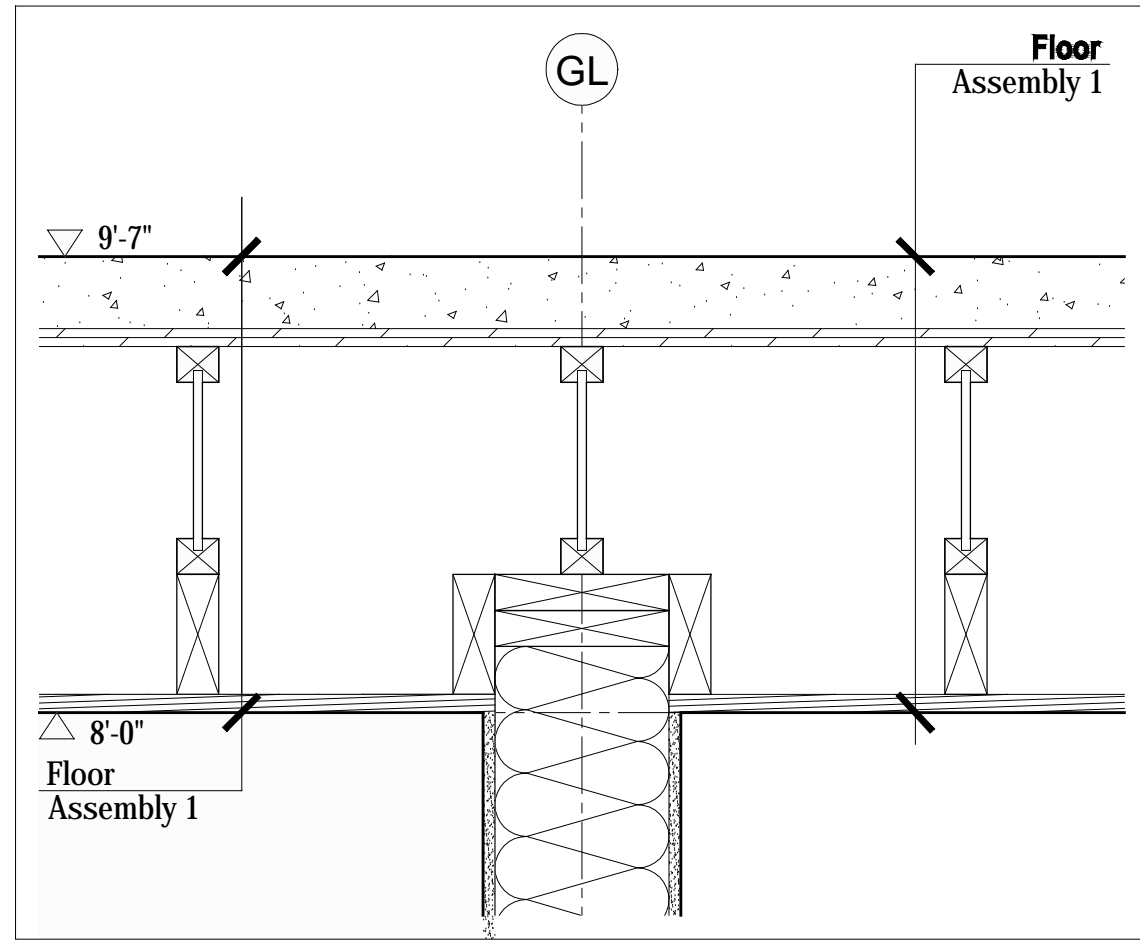
Exterior Wall Assembly 1A

- Roof Assembly 1**  
+ Class B fire retardant pressure treated cedar shingles  
+ rainscreen grid  
+ Class A mineral-surfaced cap sheet + self-adhering sheet roof membrane underlayment  
+ 1/2" exterior grade plywood  
+ 2 continuous XPS rigid insulation (R10)  
+ plywood sheathing as per structural  
+ wood trusses as per structural  
+ 6" 2lb. closed cell sprayfoam insulation (R30 - air barrier / vapor retarder Class 2)  
+ interior sprinkler system as per A101 code review  
+ 3/4" shiplap wood cladding - type 2 - see A001 for profile
- Floor Assembly 2**  
+ 3" concrete topping w/ in-floor heating  
+ plywood sheathing as per structural  
+ wood furring as per structural  
+ interior sprinkler system as per A101 code review  
+ 3/4" shiplap wood cladding - type 2 - see A001 for profile
- Floor Assembly 3**  
+ palletized wood deck system  
+ liquid-applied roofing membrane  
+ plywood sheathing as per structural  
+ wood furring as per structural  
+ wood floor joists as per structural  
+ slope to drain, minimum 2%  
+ wood floor joists as per structural, tapered to create slope  
+ 6" 2lb. sprayfoam insulation (R30 - air barrier / vapor retarder Class 2)  
+ interior sprinkler system as per A101 code review  
+ 3/4" shiplap wood cladding - type 2 - see A001 for profile
- Floor Assembly 4**  
+ 3" concrete topping w/ in-floor heating  
+ plywood sheathing as per structural  
+ wood floor joists as per structural  
+ 1/2" plywood  
+ 6" 2lb. sprayfoam insulation (R30 - air barrier / vapor retarder Class 2)  
+ 2x4 nailing as required  
+ 5/8" type X gypsum sheathing  
+ vapour permeable weather barrier  
+ rainscreen grid  
+ 1x4 wood shiplap cladding - type 1 - see A001 for profile
- Exterior Wall Assembly 1A**  
+ 1x4 vertical shiplap wood cladding - type 1 - see A001 for profile  
+ rainscreen grid  
+ vapor permeable weather barrier  
+ 1 1/2" continuous XPS rigid insulation (R7.5)  
+ 5/8" type X gypsum sheathing  
+ plywood sheathing as per structural  
+ 2x6 wood studs as per structural  
+ 4" 2lb. sprayfoam insulation (R20 - air barrier / vapor retarder Class 2)  
+ 5/8" type X gypsum wallboard (5/8" type X gypsum tile backer board in wet areas)  
+ refer to wall finish schedule for interior finish
- Exterior Wall Assembly 1B**  
+ 1x4 vertical shiplap wood cladding - type 1 - see A001 for profile  
+ rainscreen grid  
+ vapor permeable weather barrier  
+ 1 1/2" continuous XPS rigid insulation (R7.5)  
+ 5/8" type X gypsum sheathing  
+ plywood sheathing as per structural  
+ 2x6 wood studs as per structural  
+ 4" 2lb. sprayfoam insulation (R20 - air barrier / vapor retarder Class 2)  
+ 1x4 wood strapping @ 16" o.c.  
+ 5/8" type X gypsum wallboard (5/8" type X gypsum tile backer board in wet areas)  
+ refer to wall finish schedule for interior finish

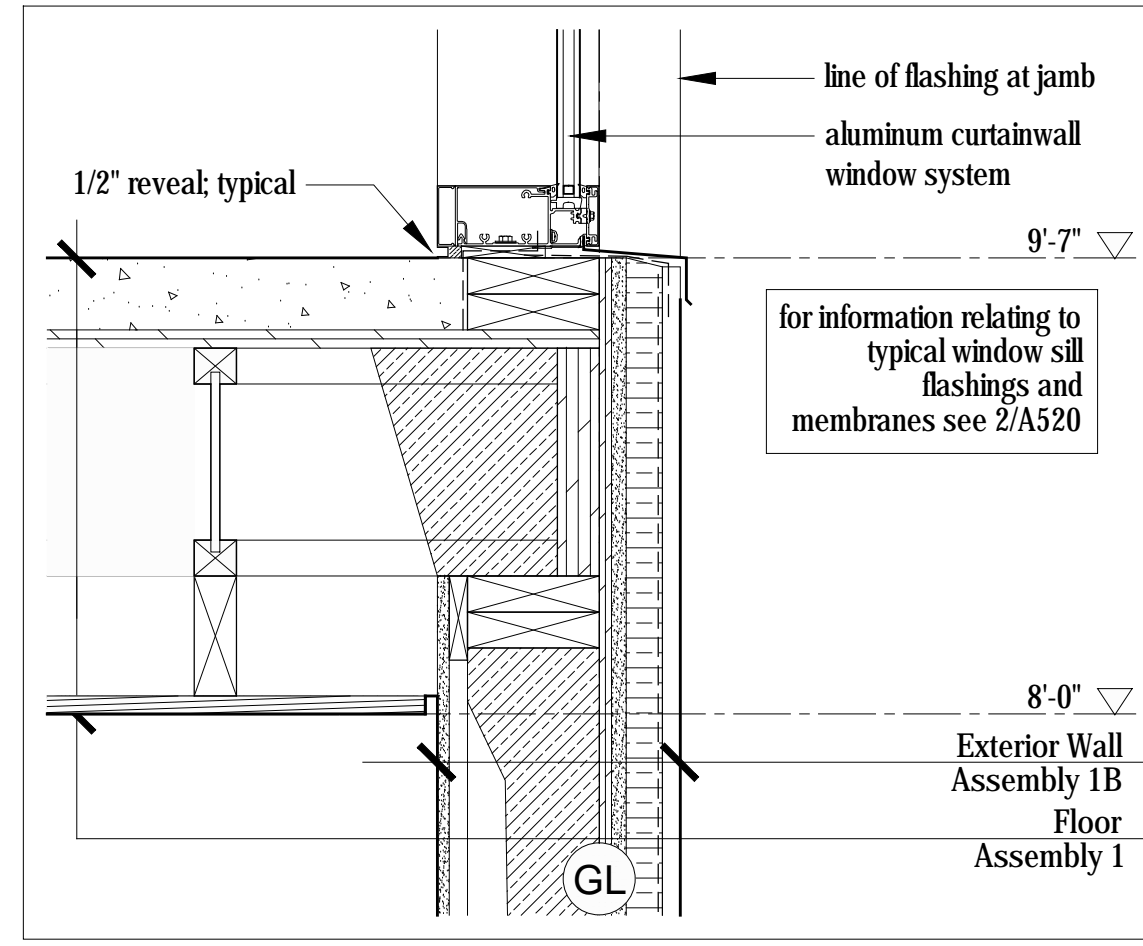
A511  
Assemblies



7  
A511  
Section Detail @ Entry Door Threshold  
Scale 1 1/2" = 1'-0"



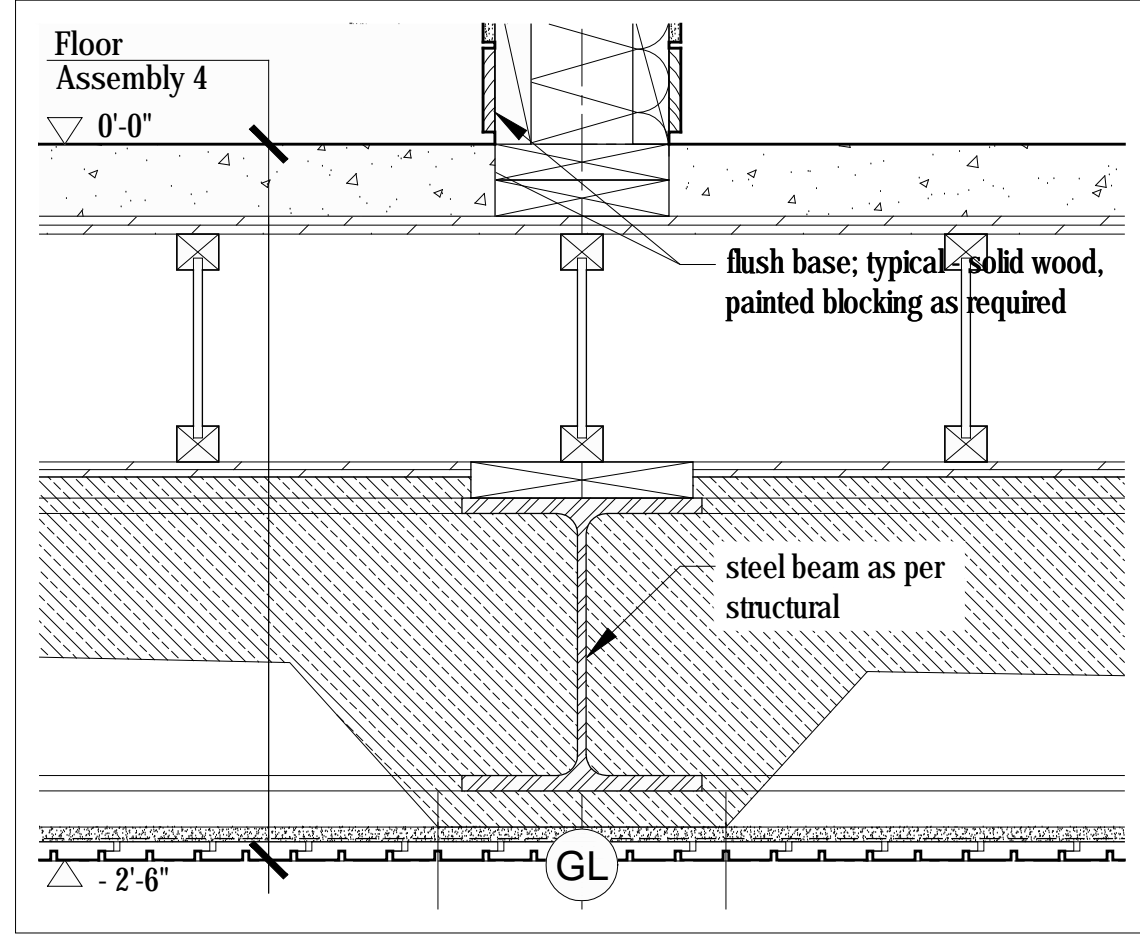
5  
A511  
Section Detail @ Interior Wall  
Scale 1 1/2" = 1'-0"



1  
A511  
Section Detail  
Scale 1 1/2" = 1'-0"

for information relating to typical window sill flashings and membranes see 2/A520

Exterior Wall Assembly 1B



4  
A511  
Section Detail @ Lower Floor  
Scale 1 1/2" = 1'-0"

**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

BUILDING     STRUCTURAL  
 MECHANICAL     PLUMBING  
 ELECTRICAL     ENERGY  
 ACCESSIBILITY     FIRE

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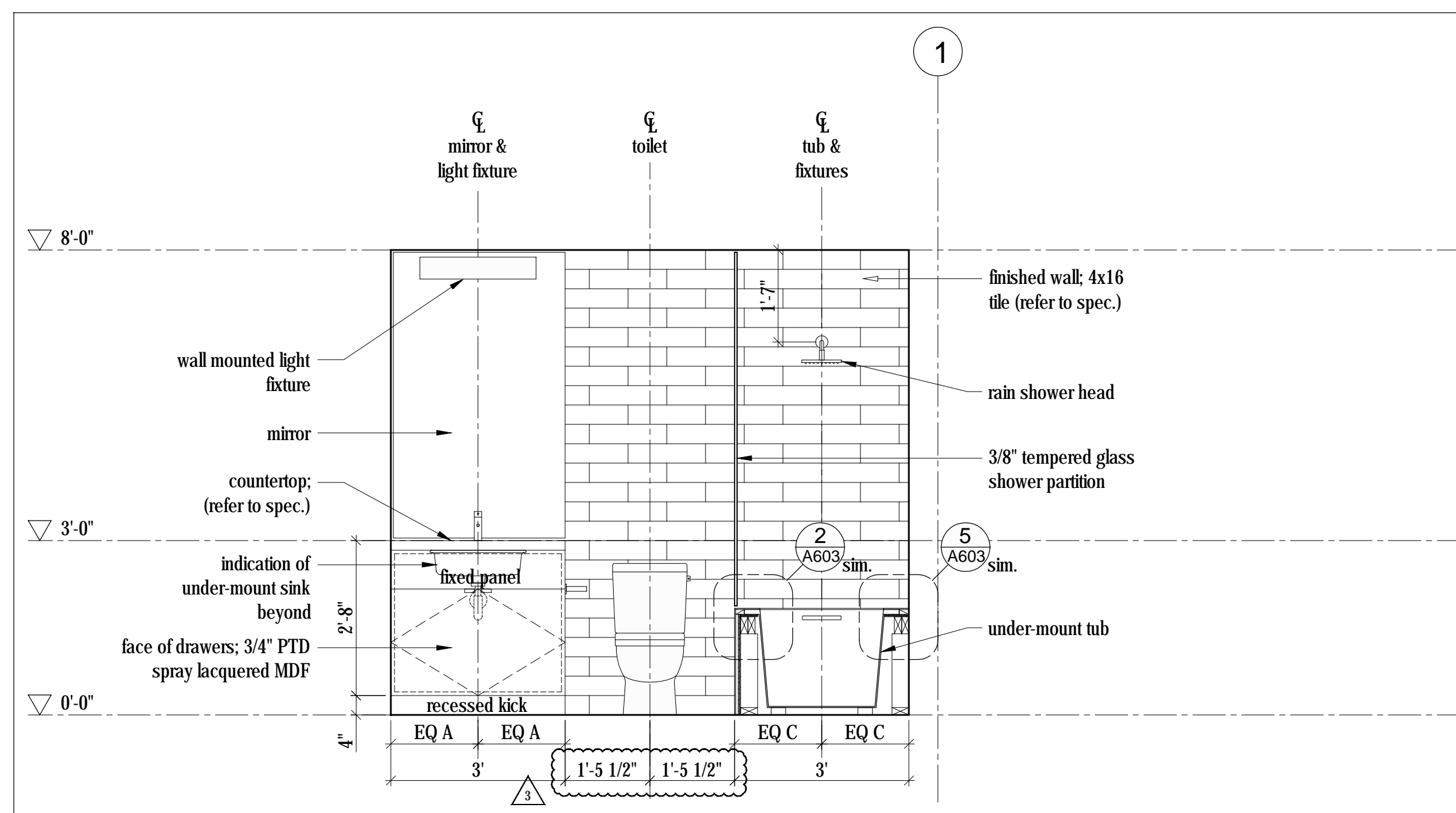
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Cabin 1000

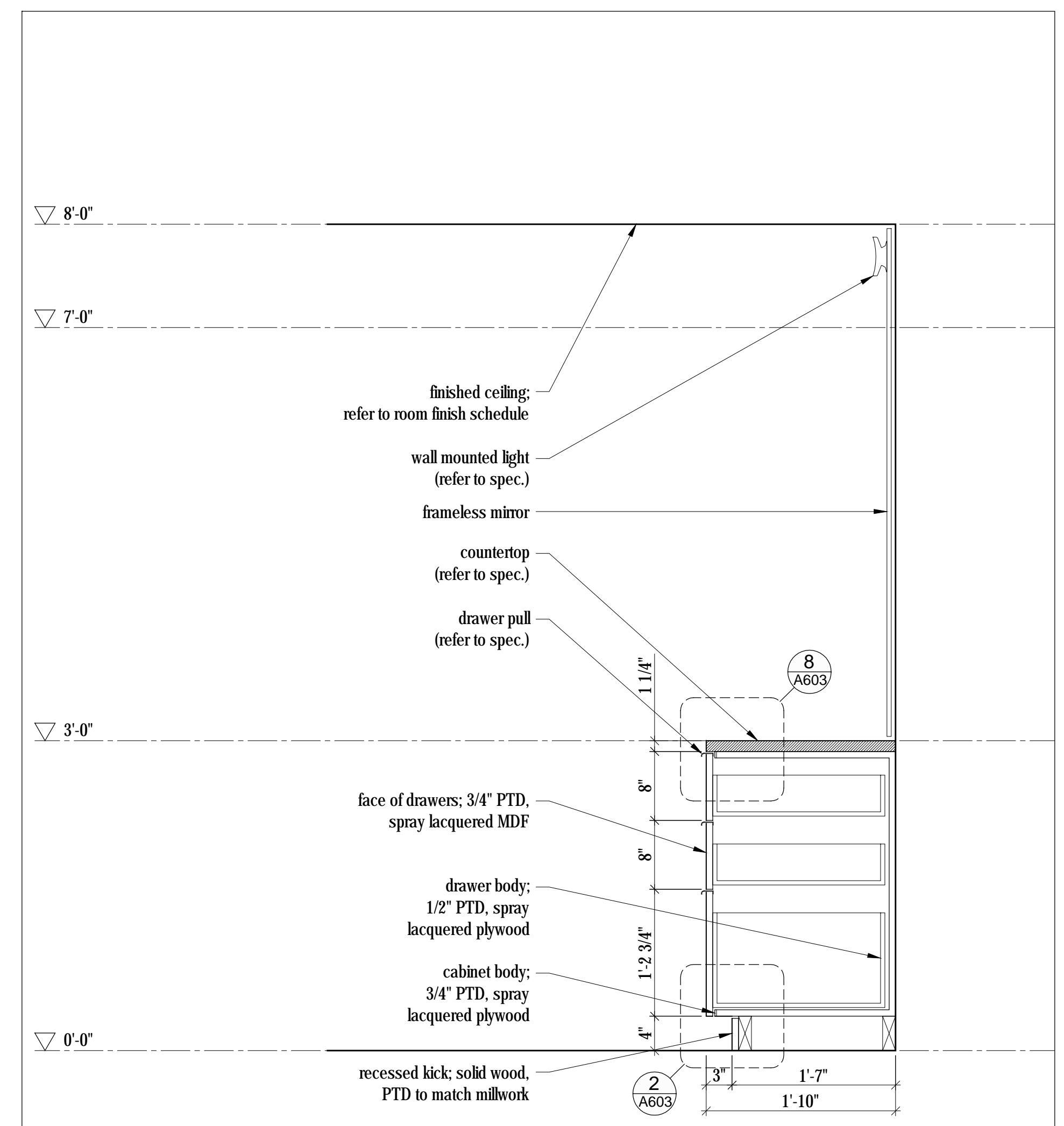
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scale: 1/4" = 1'-0"  
date: 16-05-02  
drawn: DP  
chk'd: BML

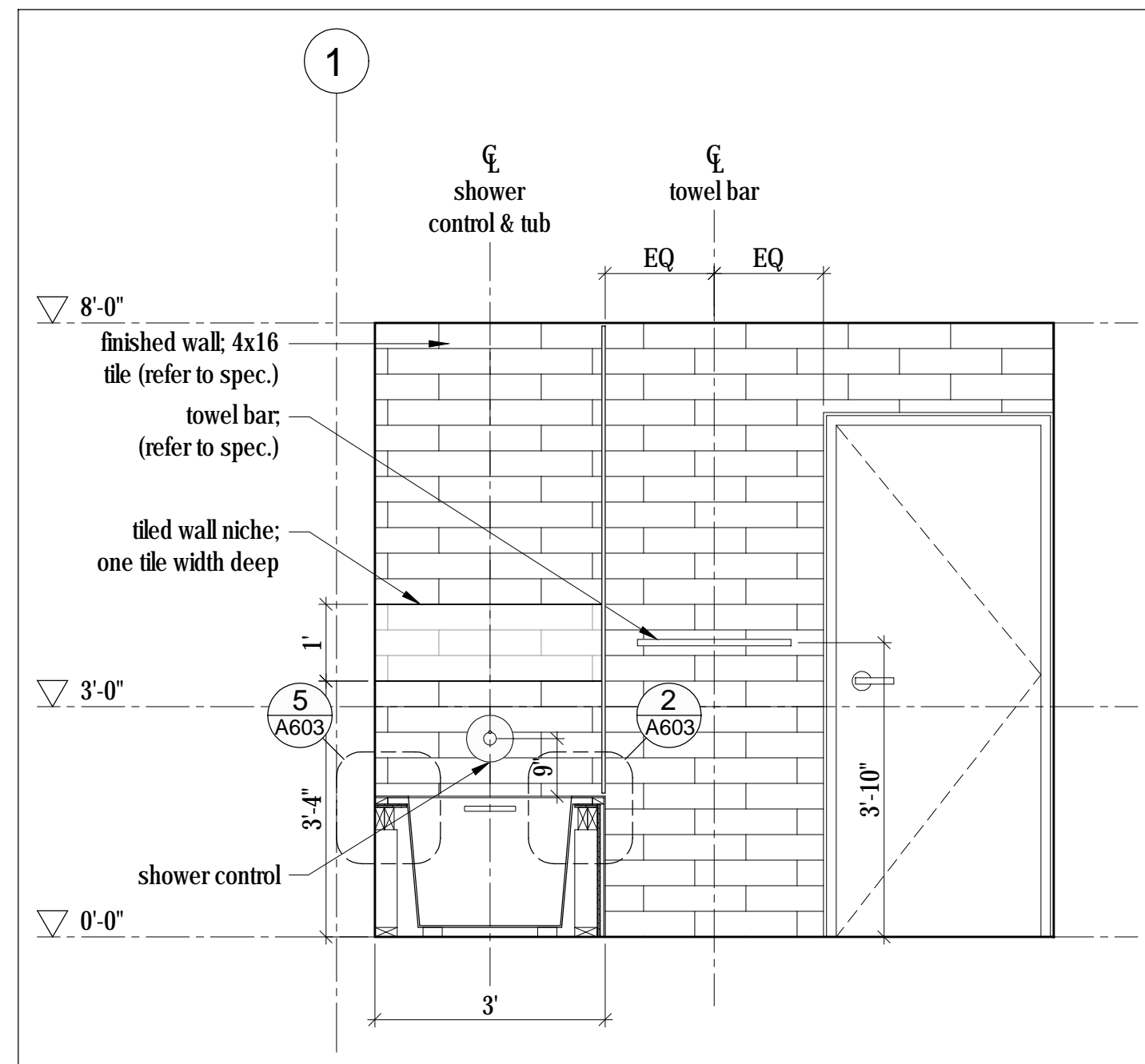
A511



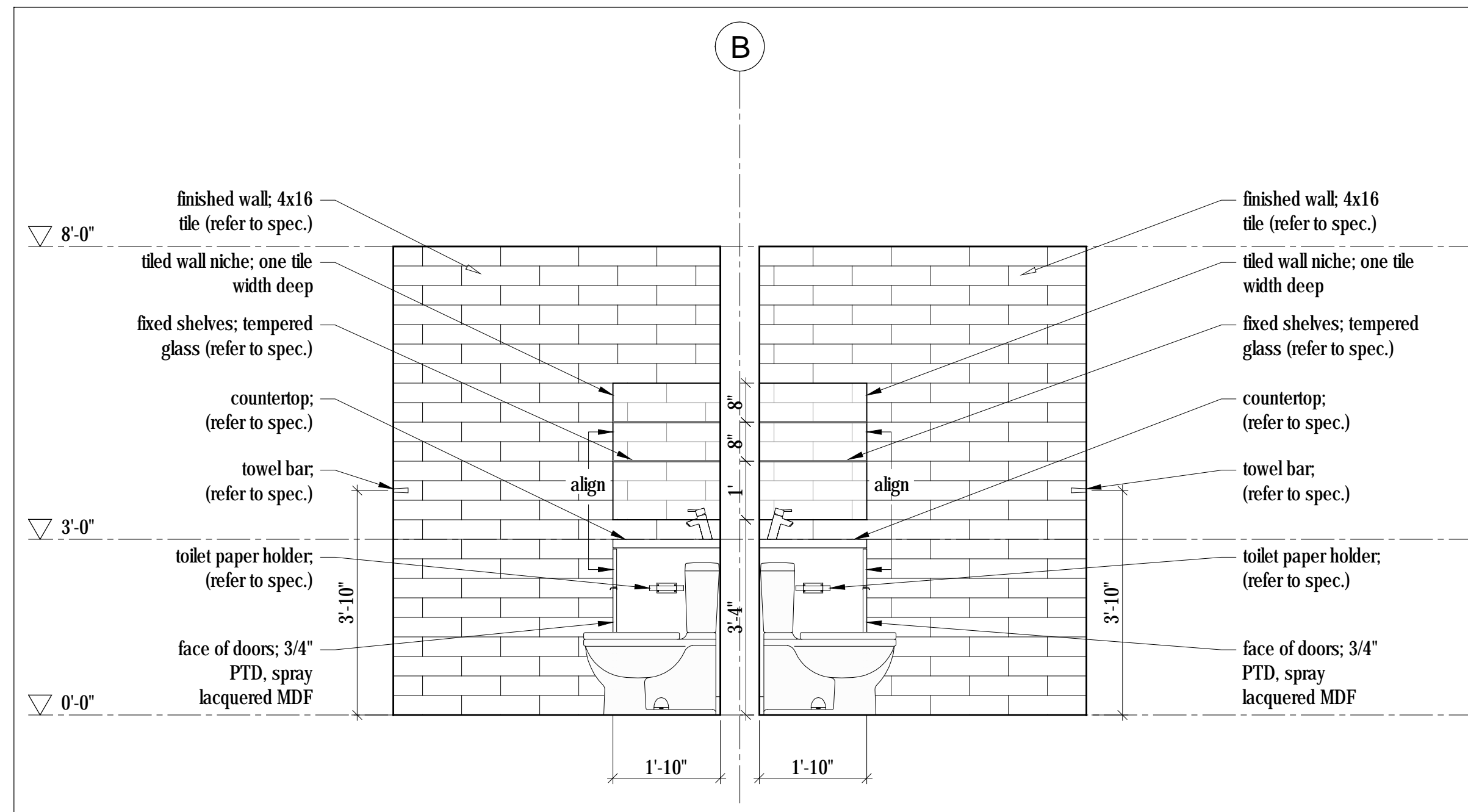
**5 Bathroom - Elevation**  
Scale 1/2" = 1'-0"



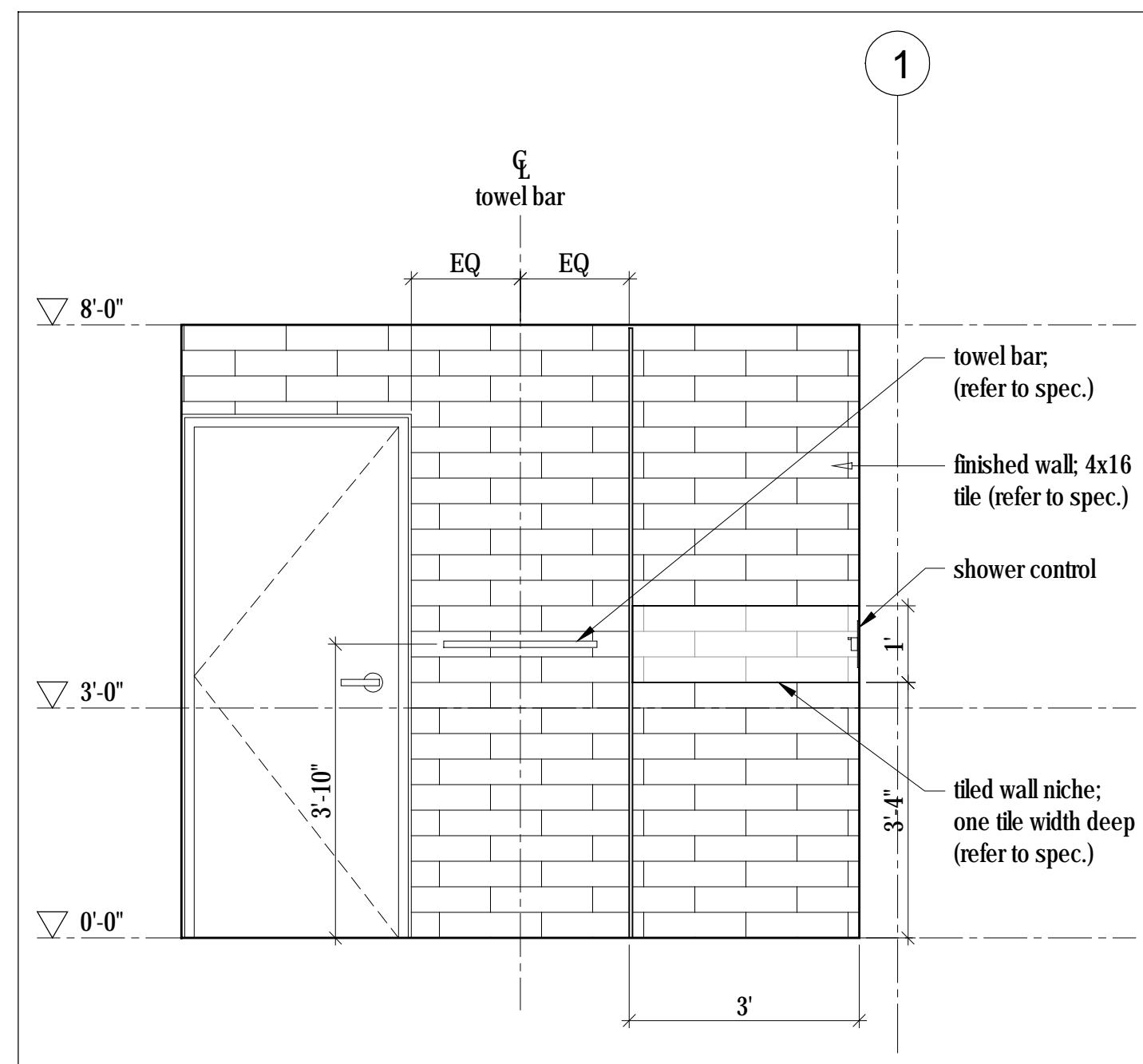
**2 Bathroom Vanity - Section, Typ.**  
Scale 1" = 1'-0"



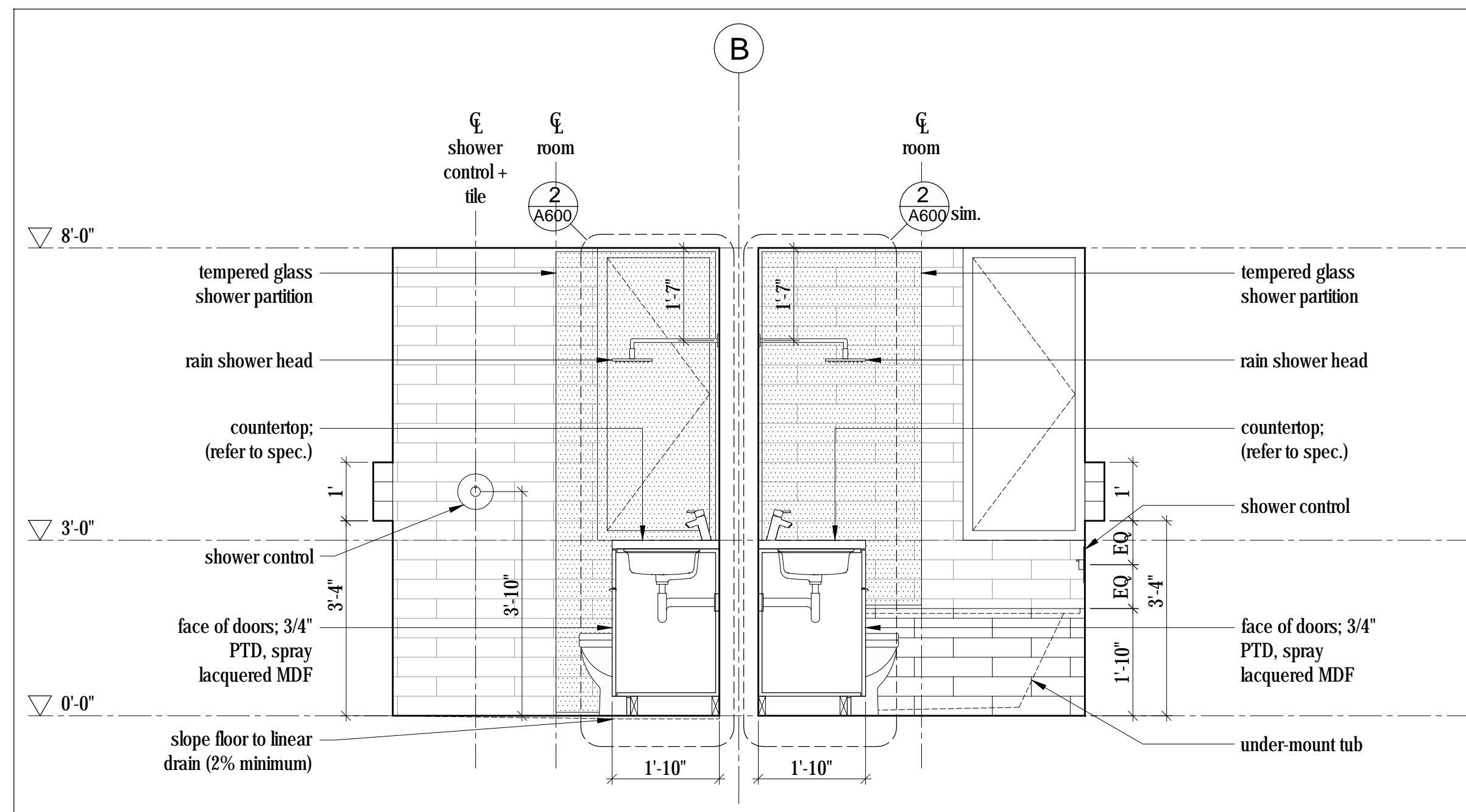
**7 Bathroom - Elevation**  
Scale 1/2" = 1'-0"



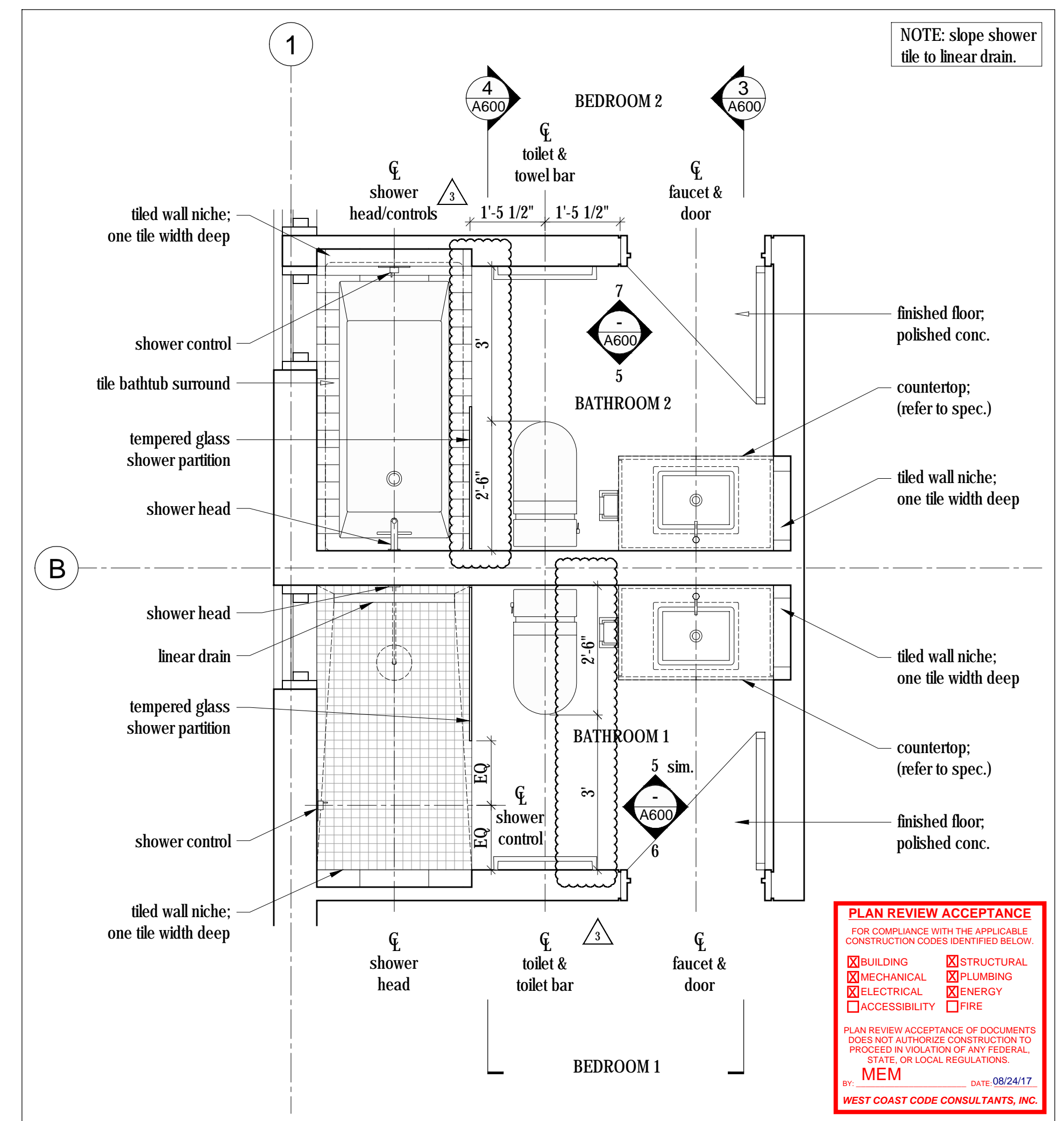
**4 Bathroom - Section**  
Scale 1/2" = 1'-0"



**6 Bathroom - Elevation**  
Scale 1/2" = 1'-0"

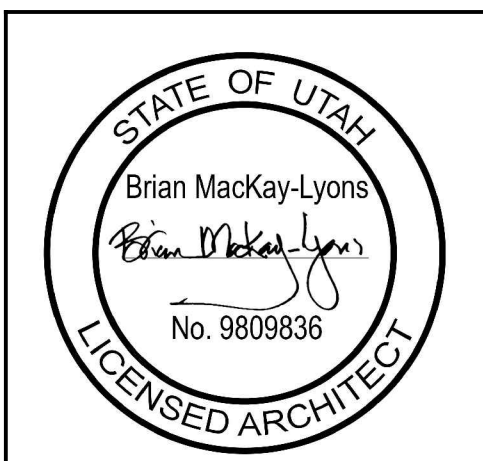


**3 Bathroom - Section**  
Scale 1/2" = 1'-0"

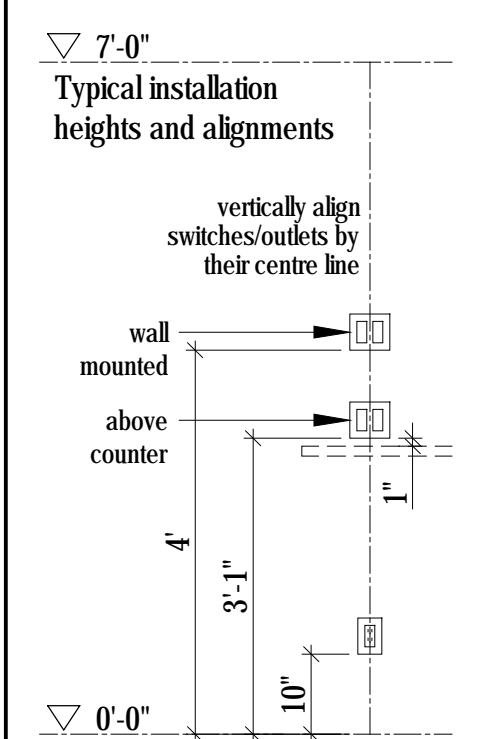


**1 Bathrooms - Enlarged Plan**  
Scale 1/2" = 1'-0"

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MEM DATE: 09/24/17  
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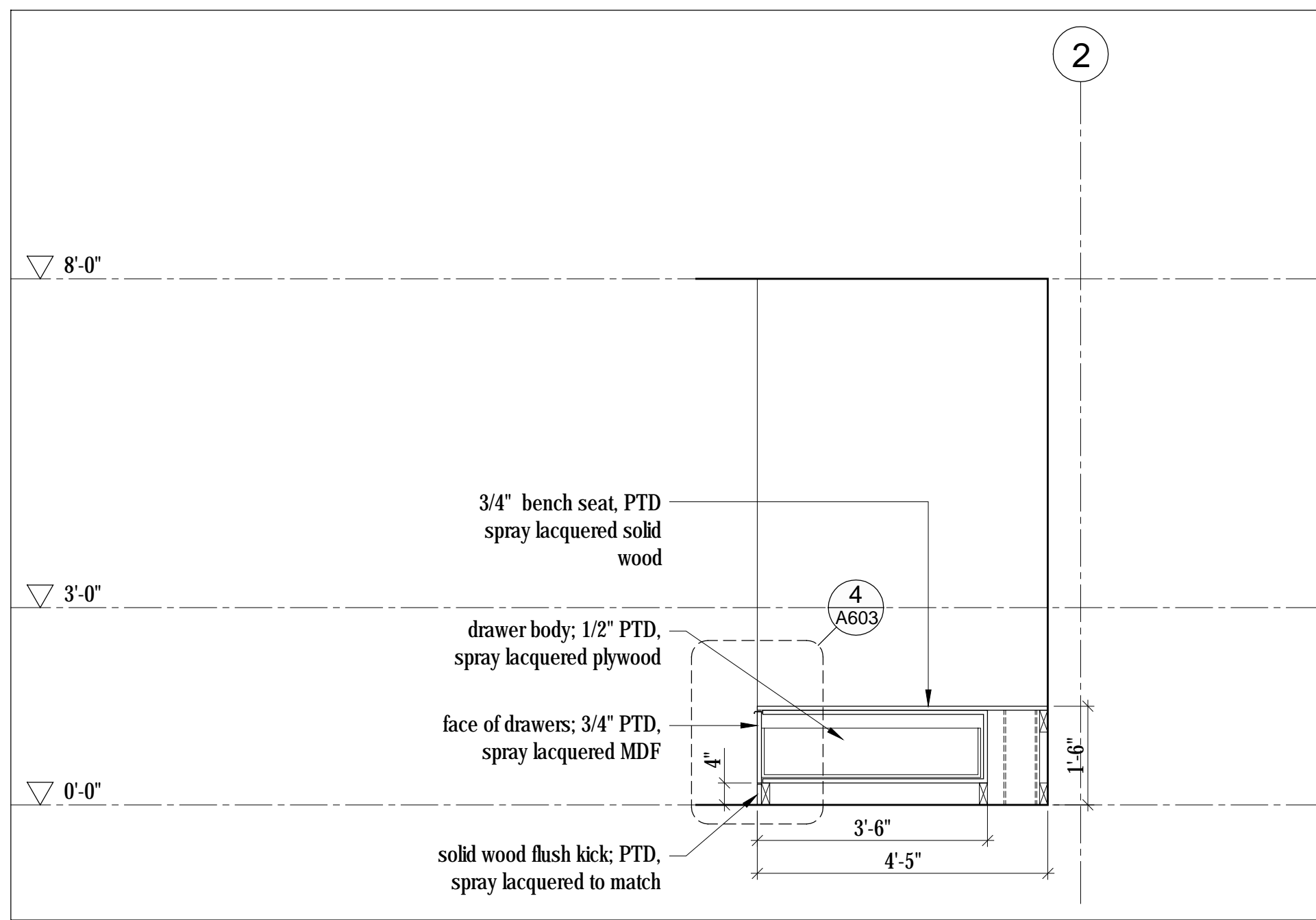
NOTE: all dimensions to be verified in field



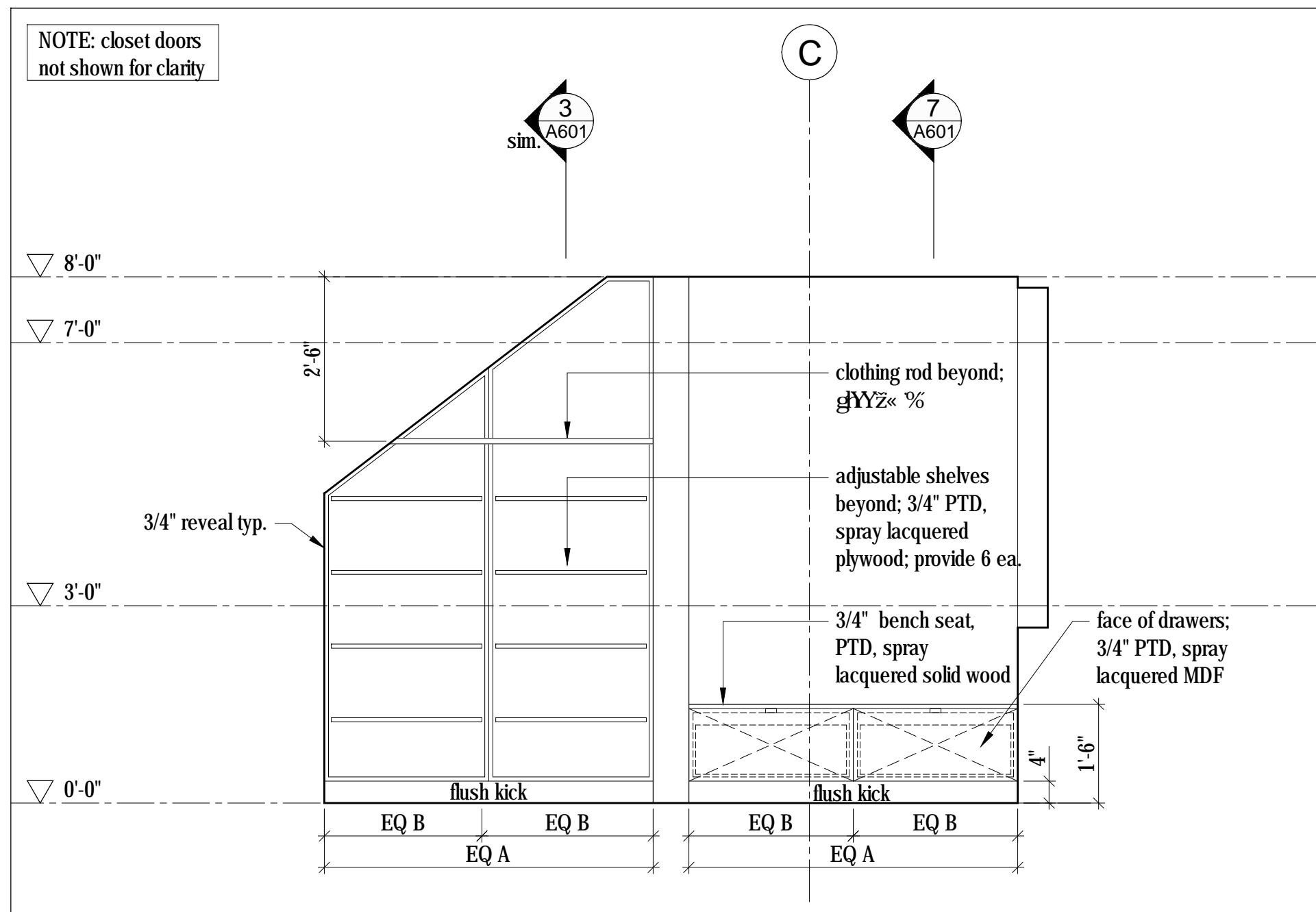
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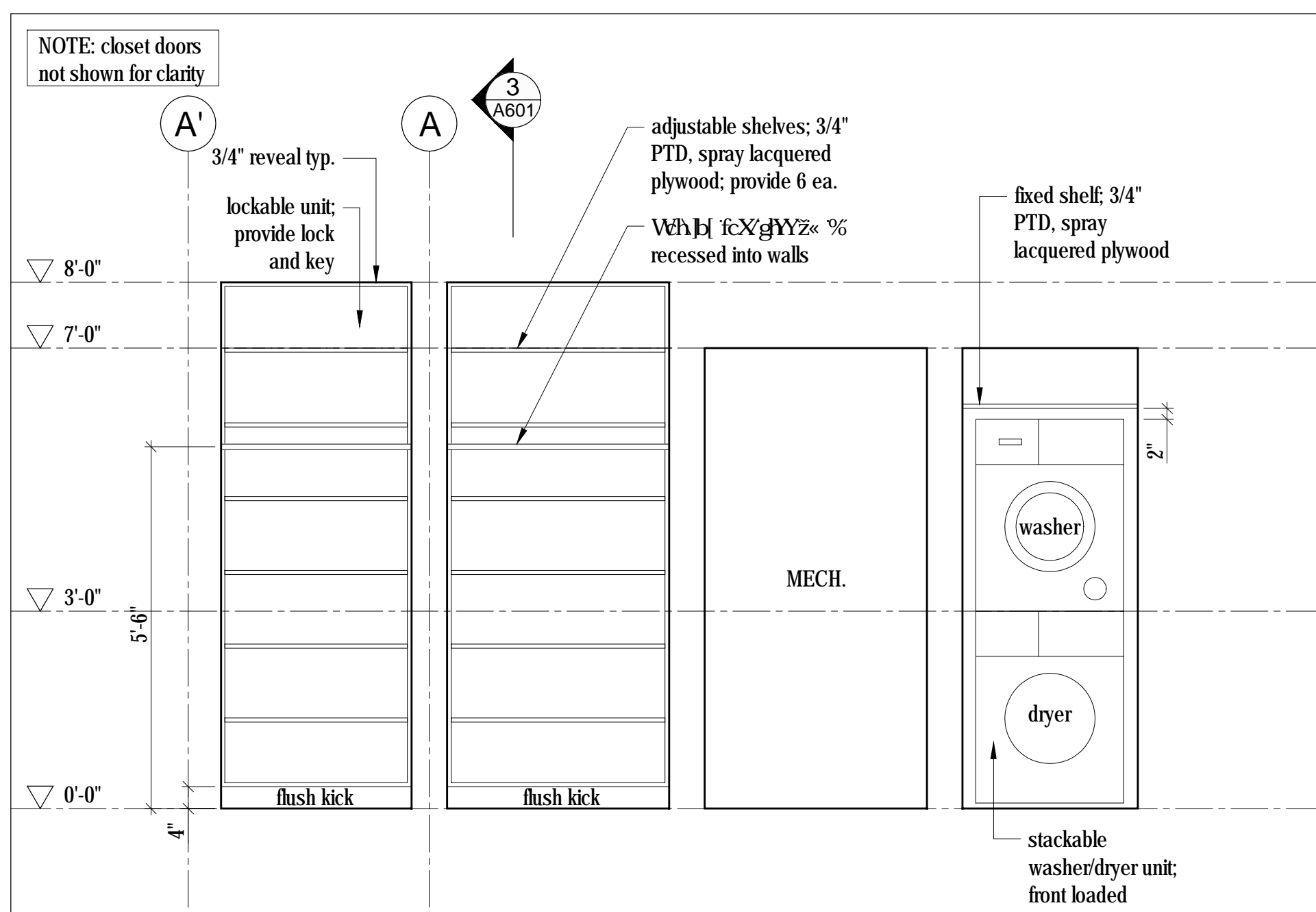




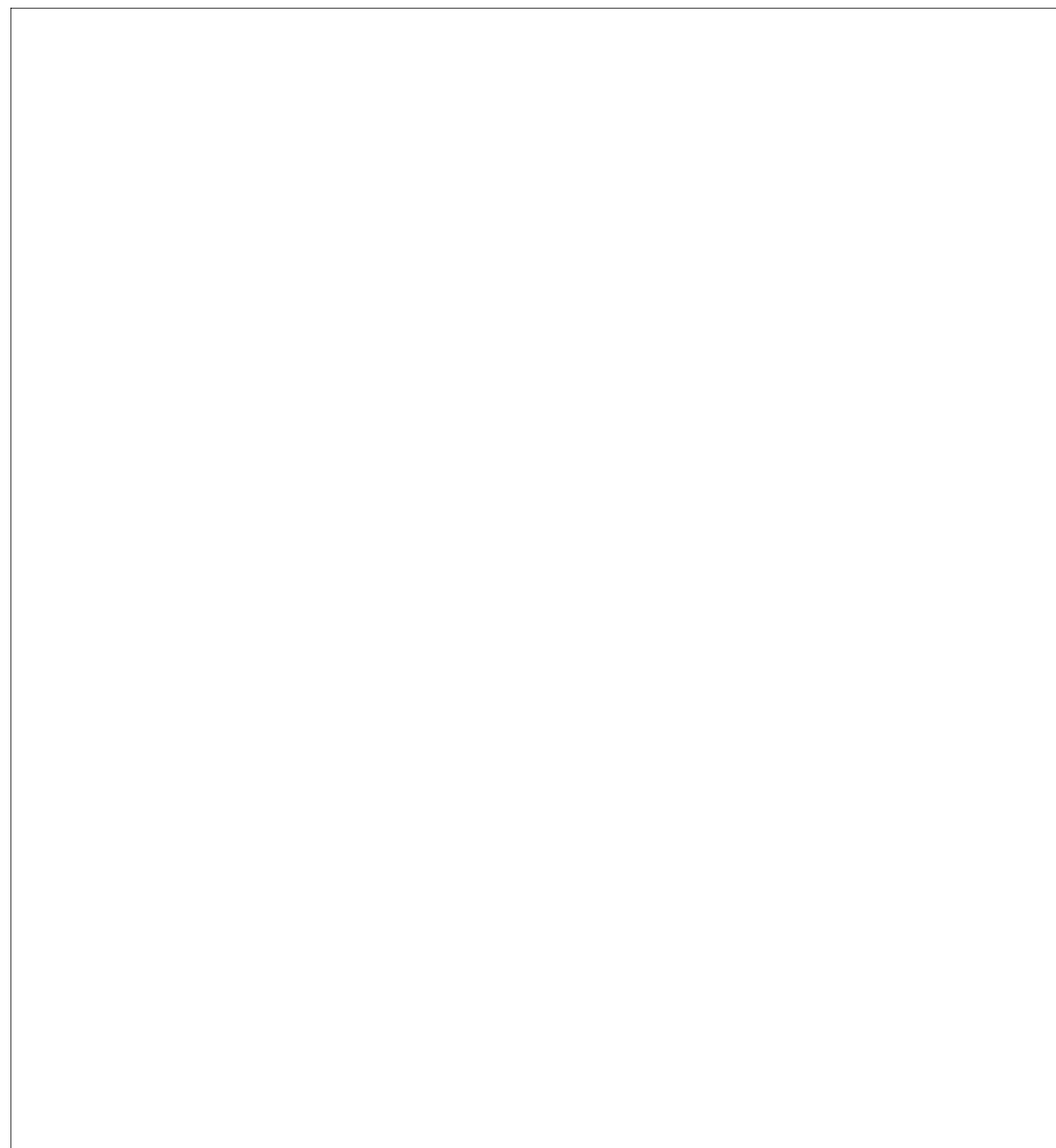
7 Bench - Section  
Scale 1/2" = 1'-0"



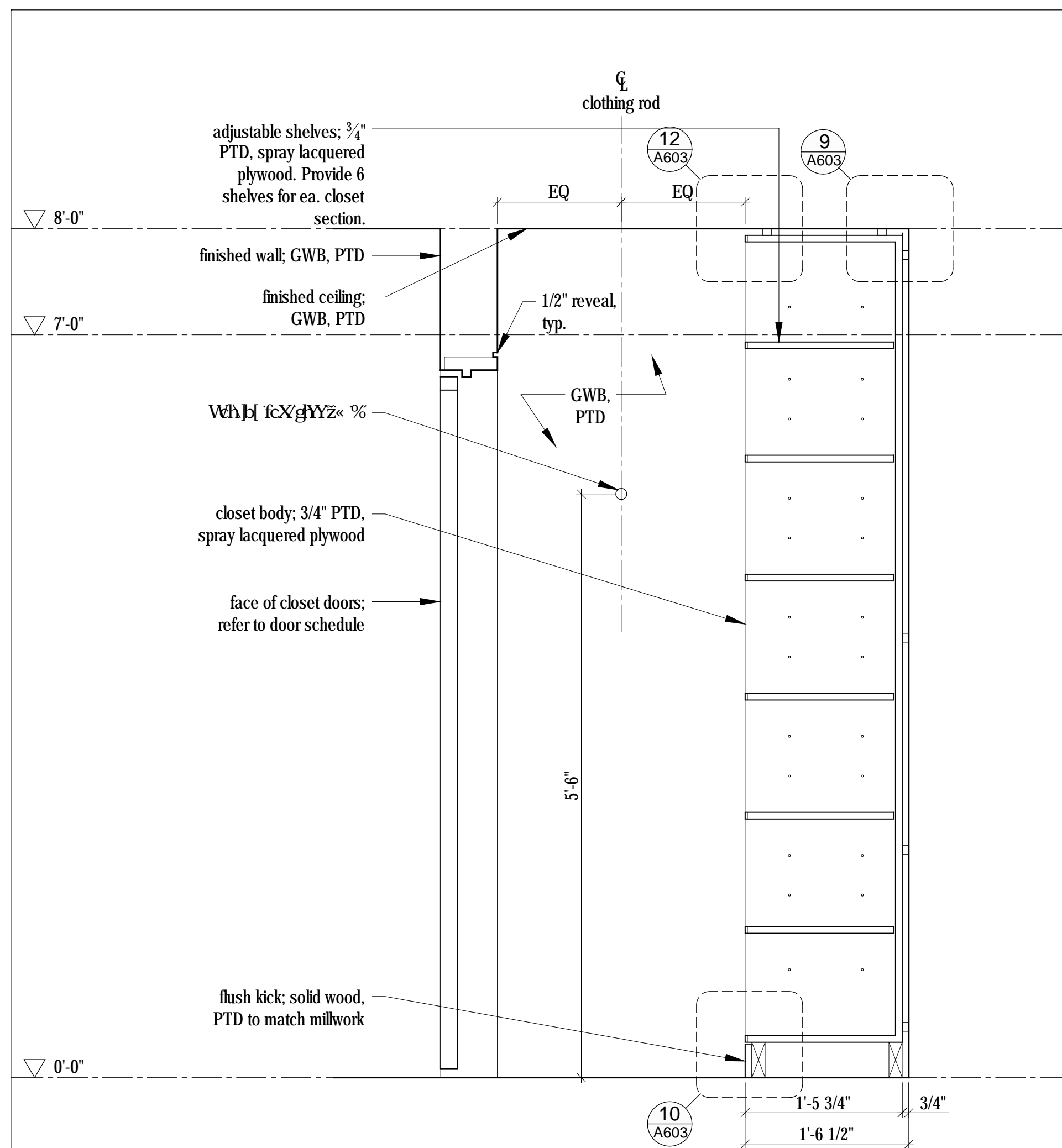
6 Closet - Elevation  
Scale 1/2" = 1'-0"



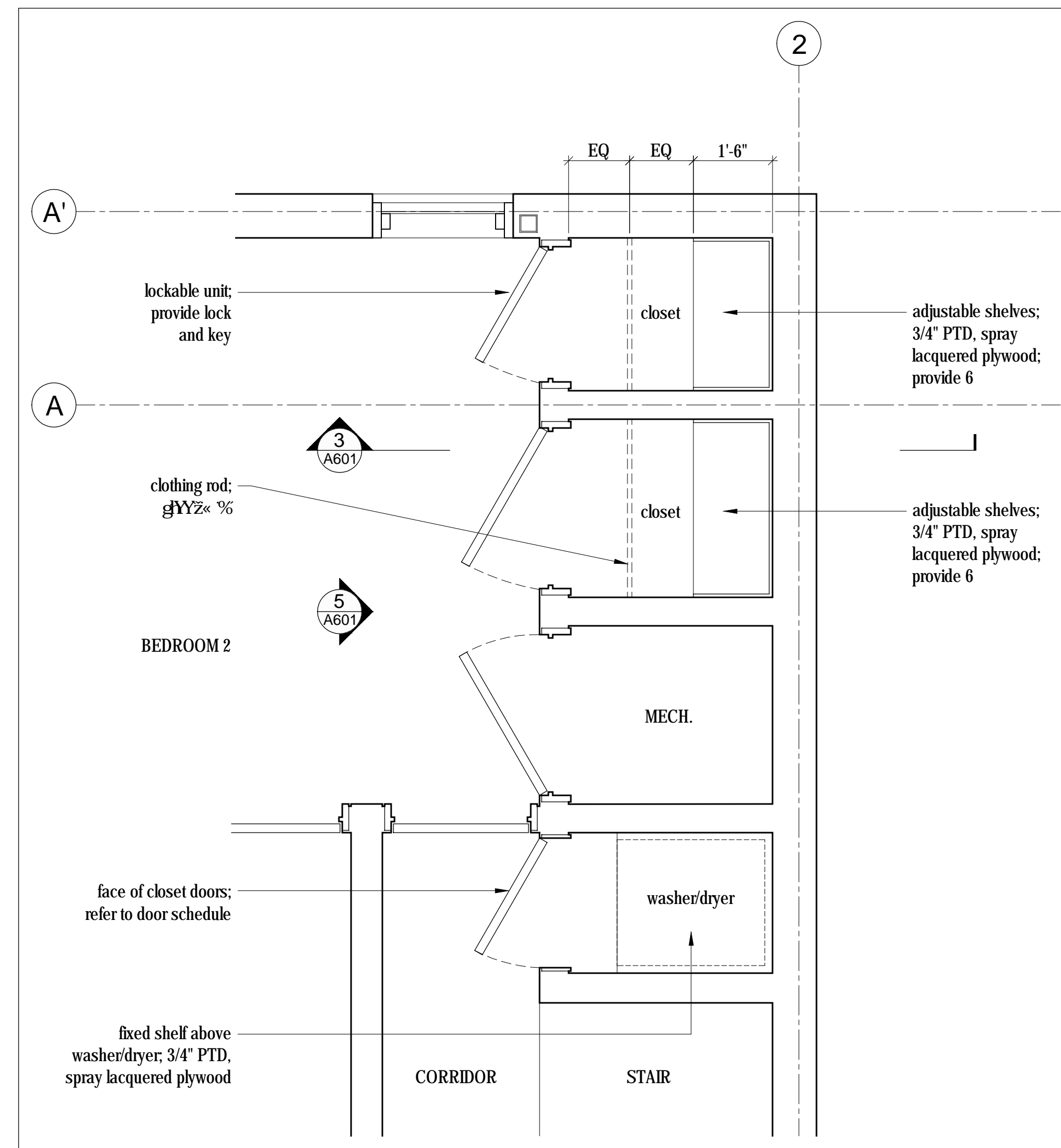
5 Closet - Elevation  
Scale 1/2" = 1'-0"



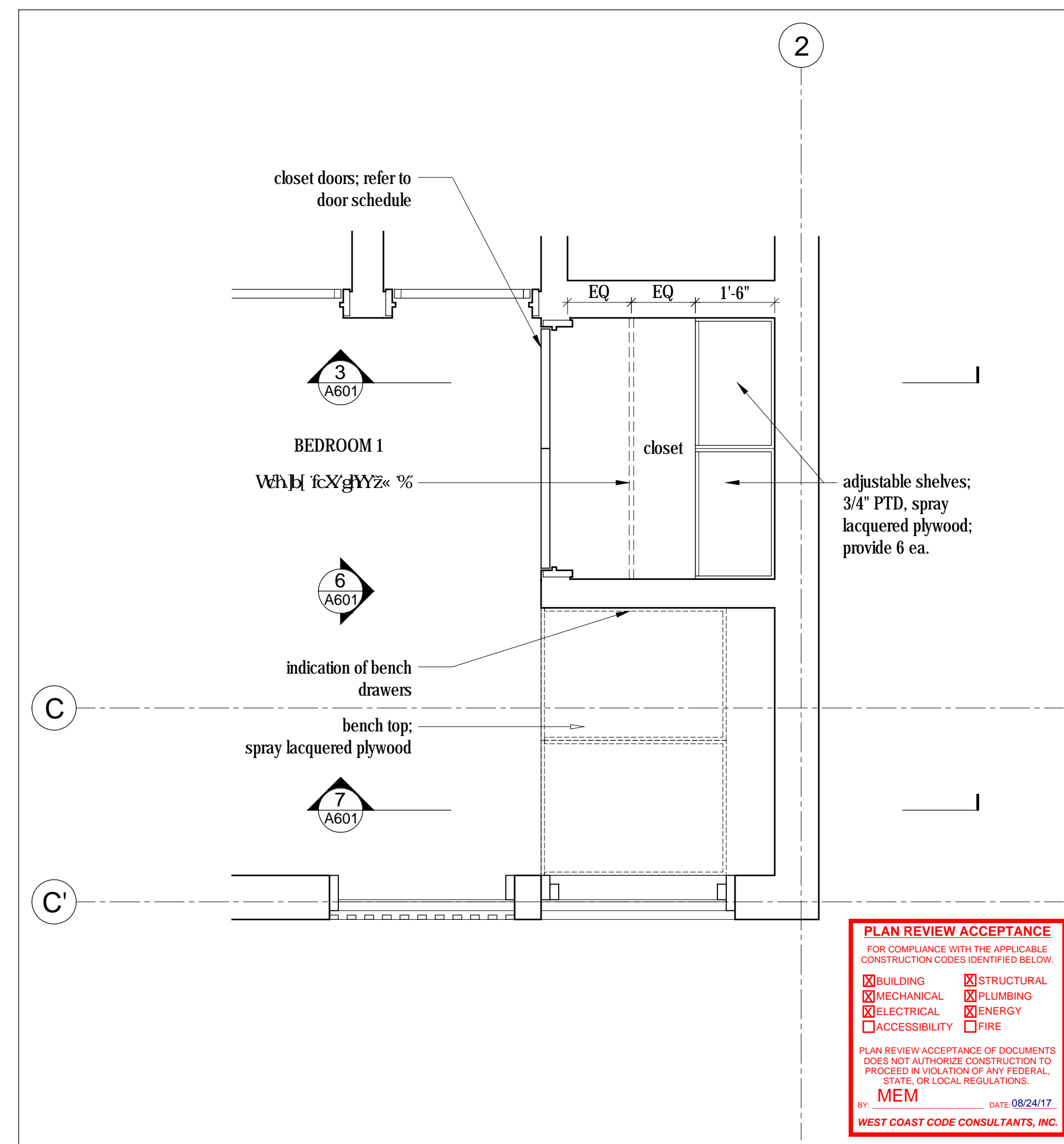
4 Not in use  
Scale 1" = 1'-0"



3 Closet Section, Typ.  
Scale 1" = 1'-0"



2 Closet - Enlarged Plan  
Scale 1/2" = 1'-0"



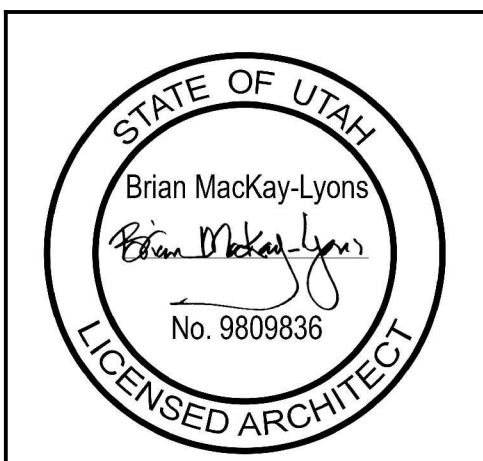
1 Closet and Bench - Enlarged Plan  
Scale 1/2" = 1'-0"

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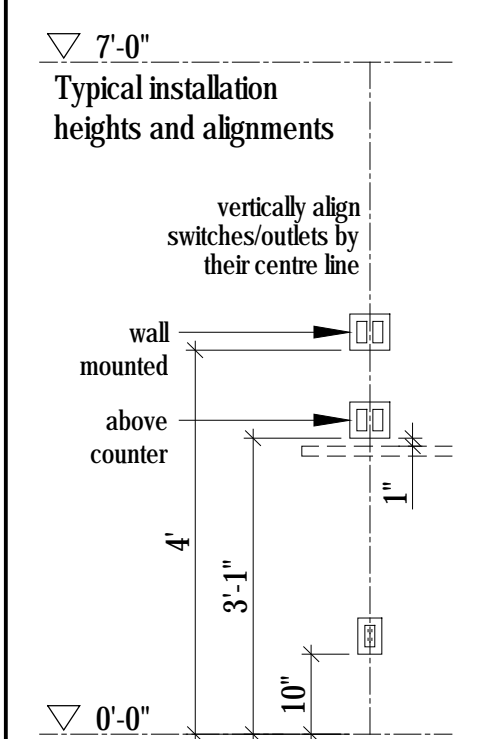
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 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE

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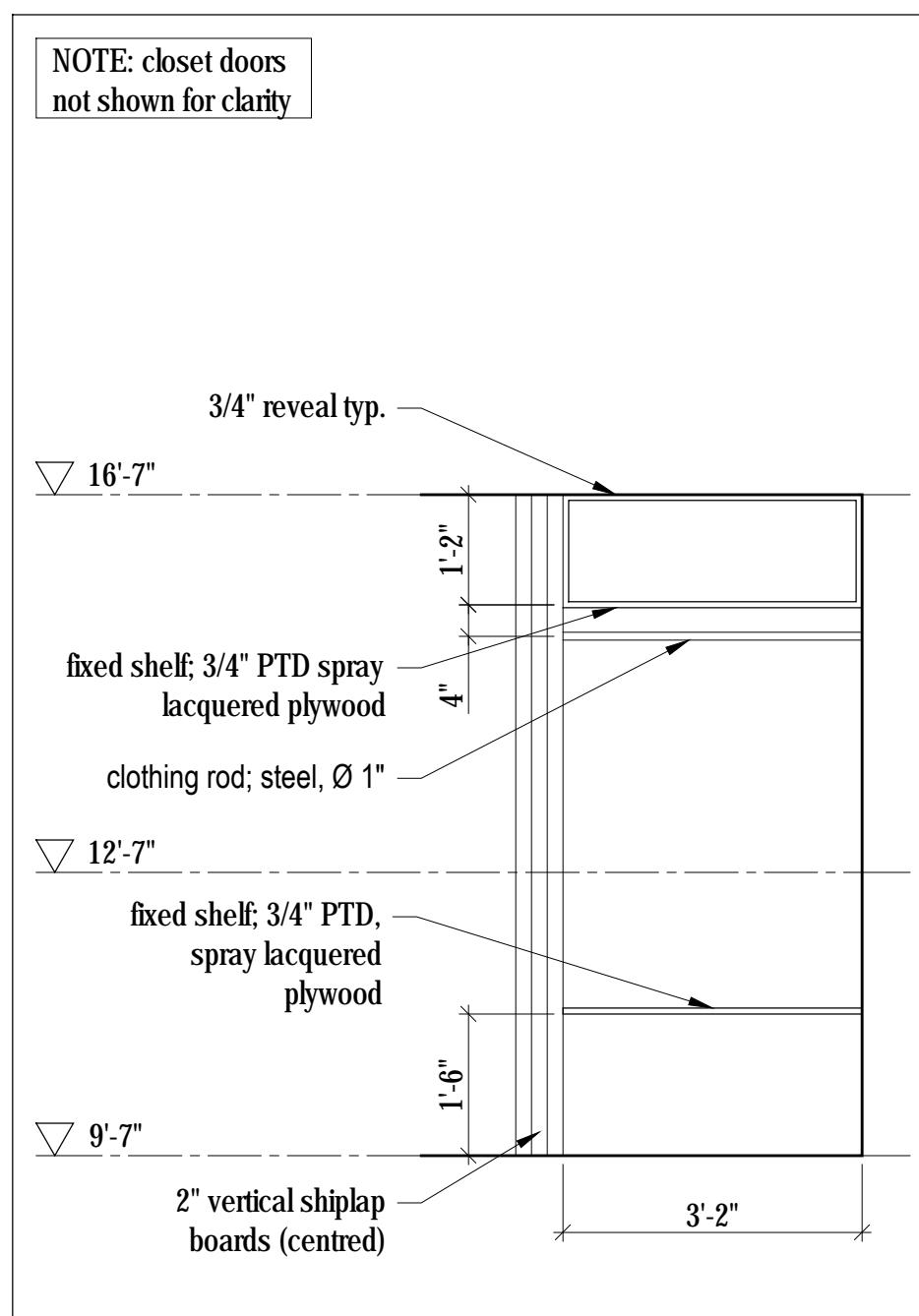
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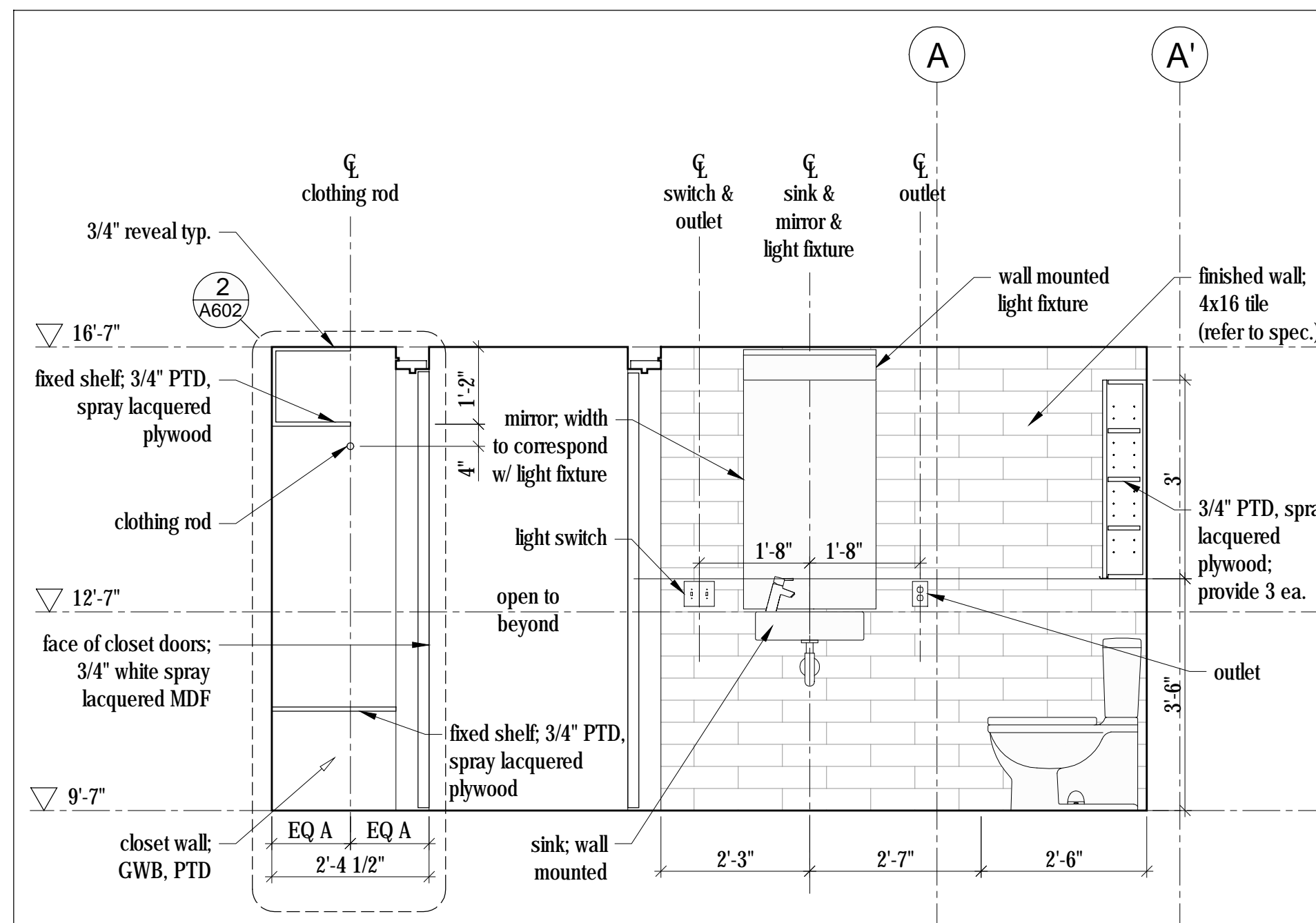
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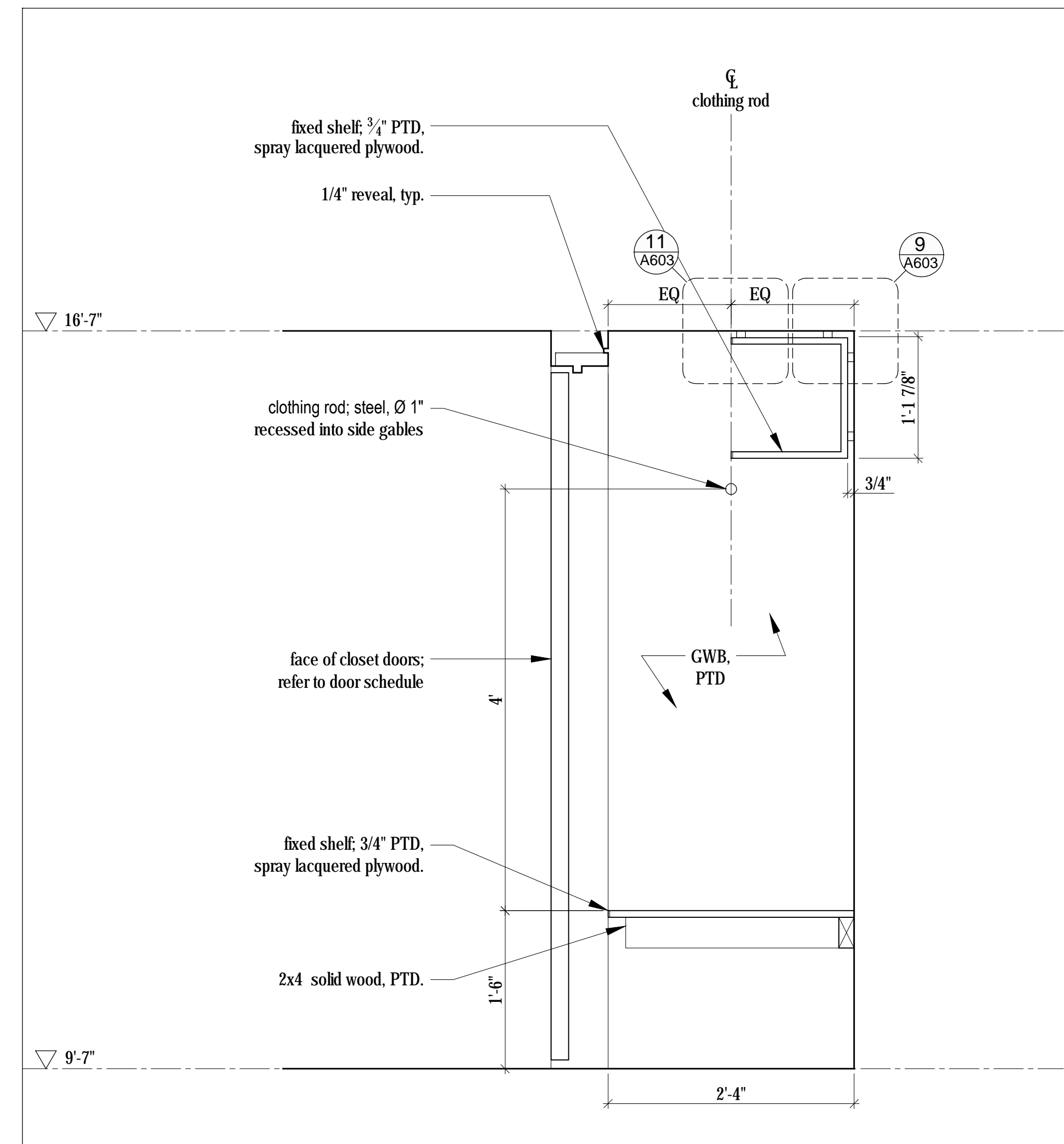
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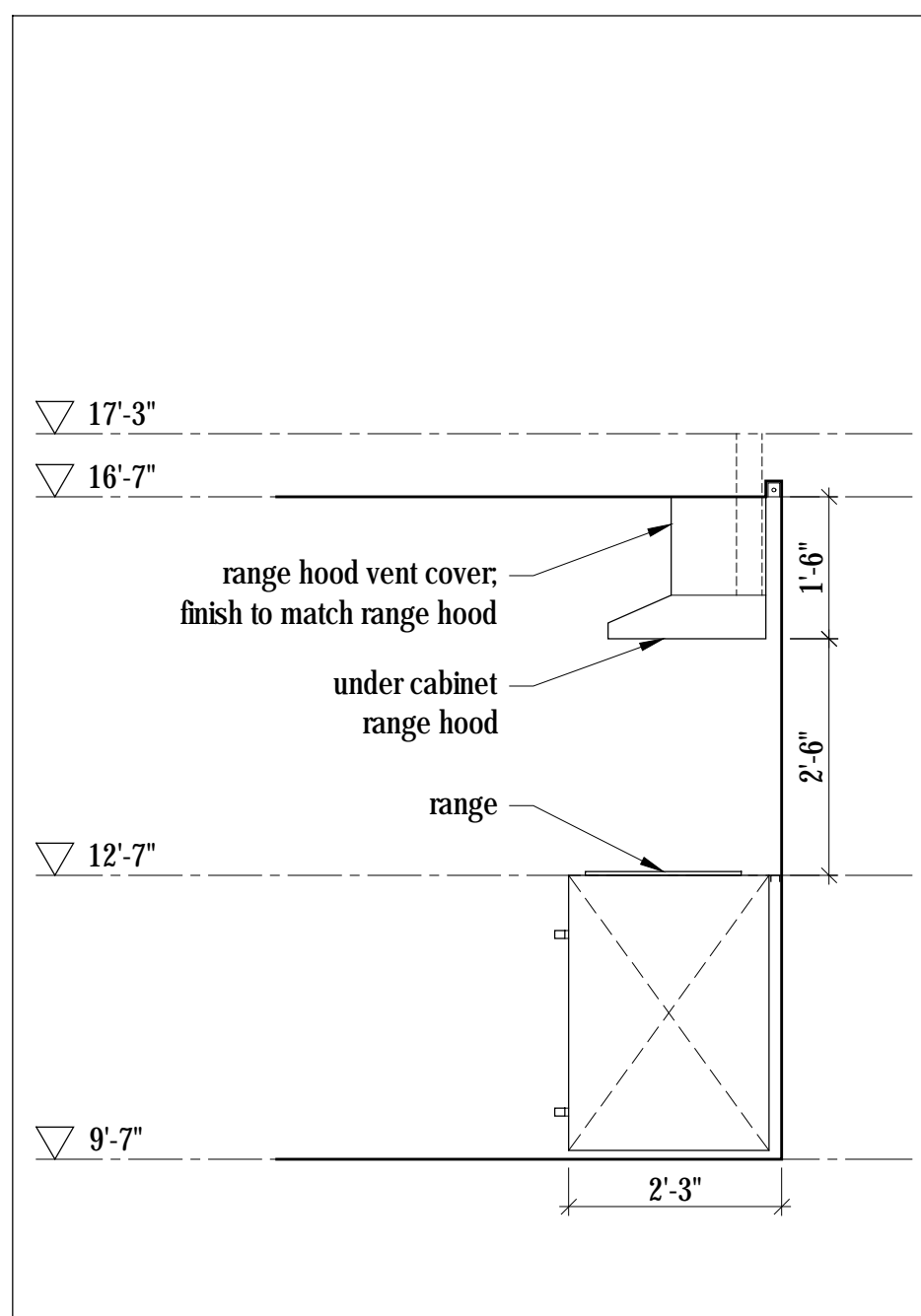
8  
A602  
**Mudroom Closet - Elevation**  
Scale 1/2" = 1'-0"



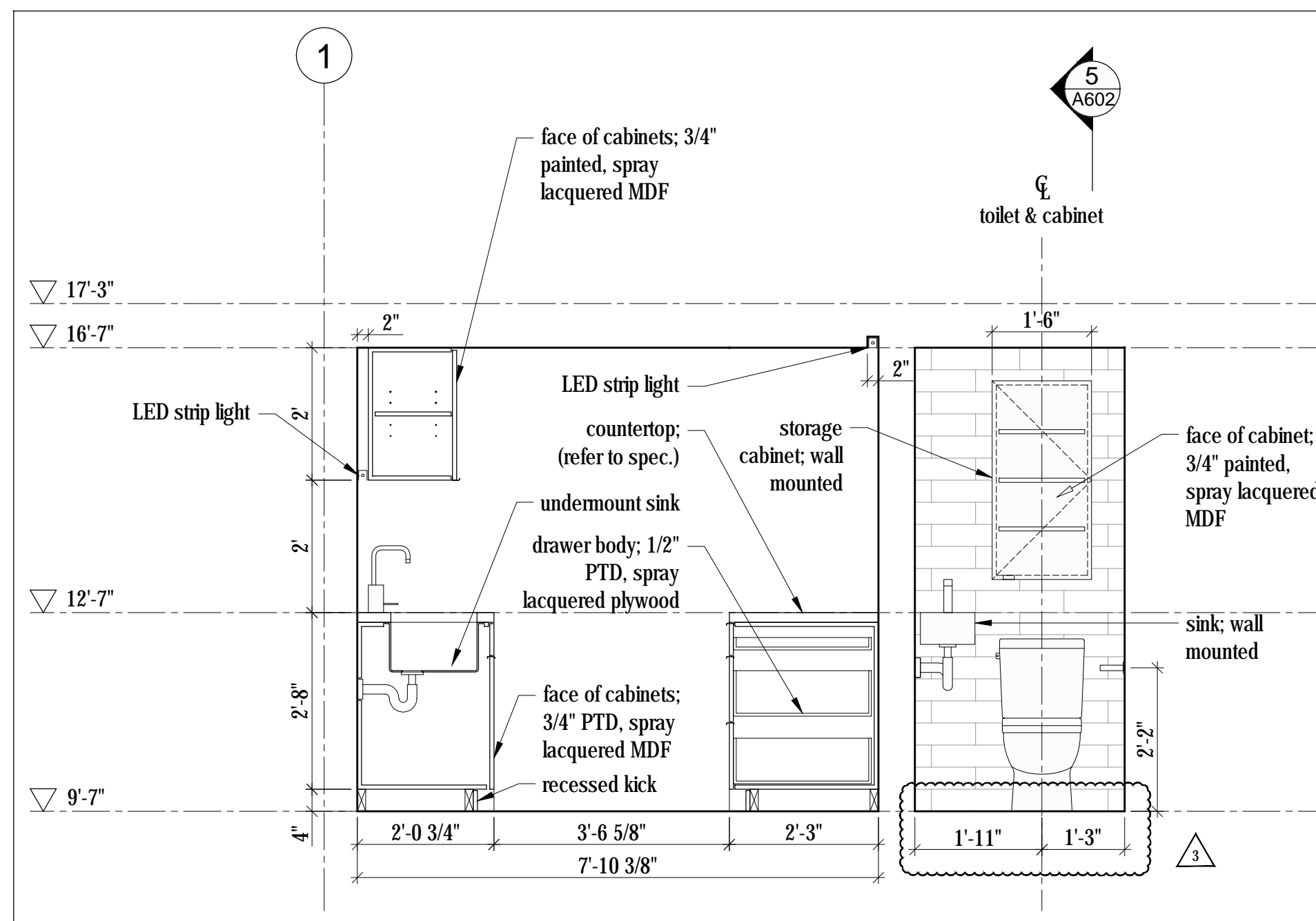
5  
A602  
**Mud Rm & Powder Rm - Section**  
Scale 1/2" = 1'-0"



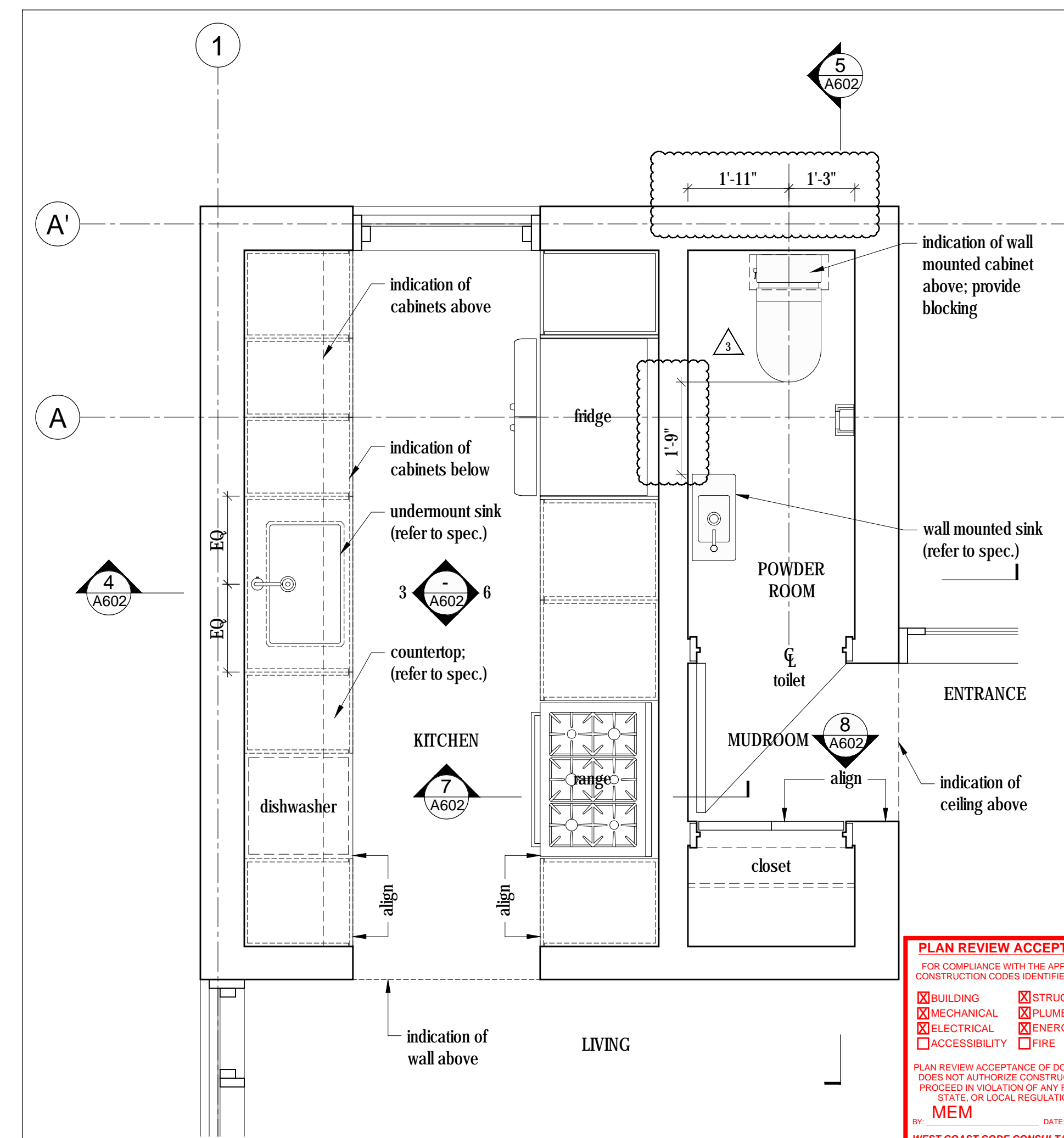
2  
A602  
**Closet - Section, Typ.**  
Scale 1" = 1'-0"



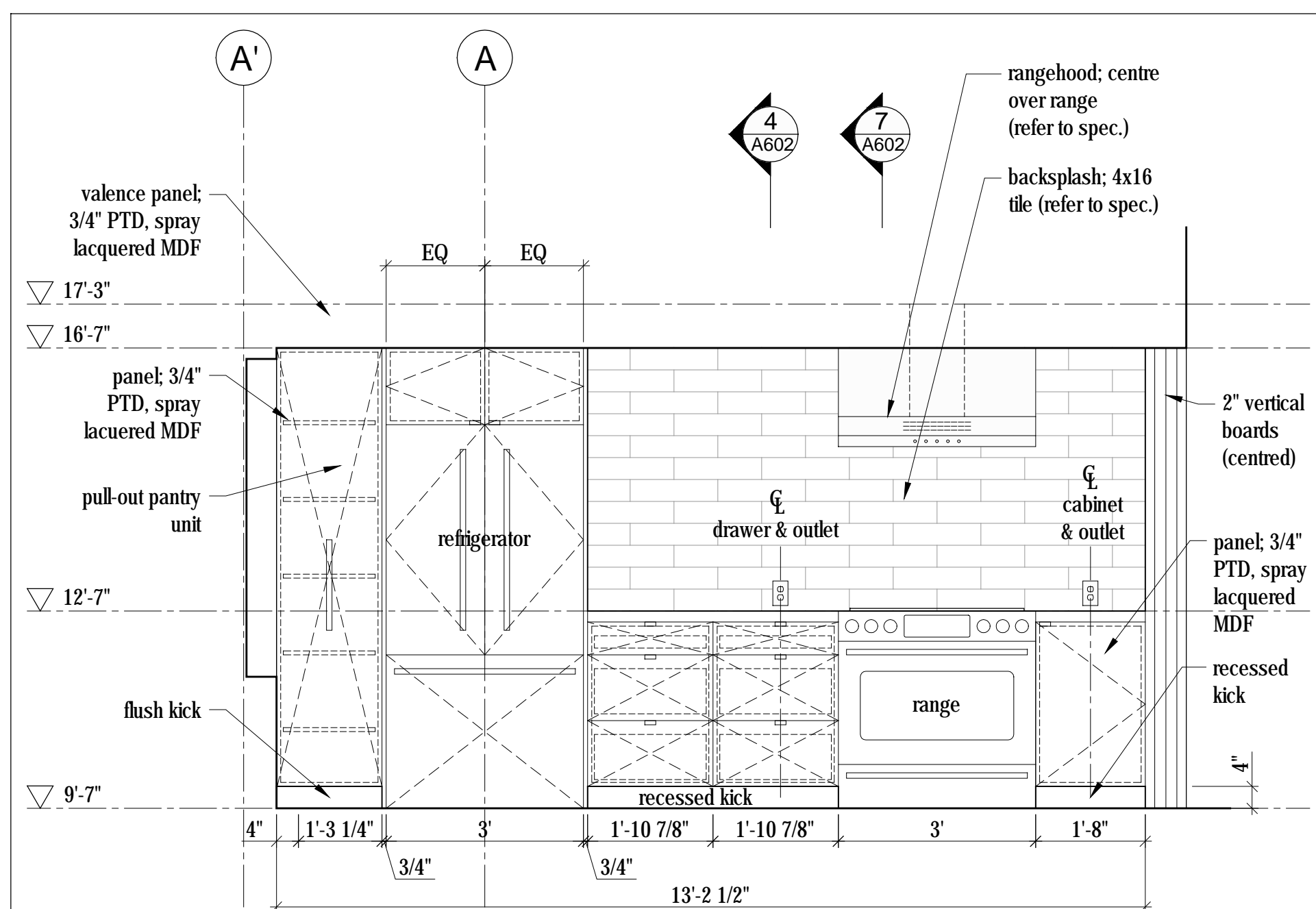
7  
A602  
**Kitchen - Section**  
Scale 1/2" = 1'-0"



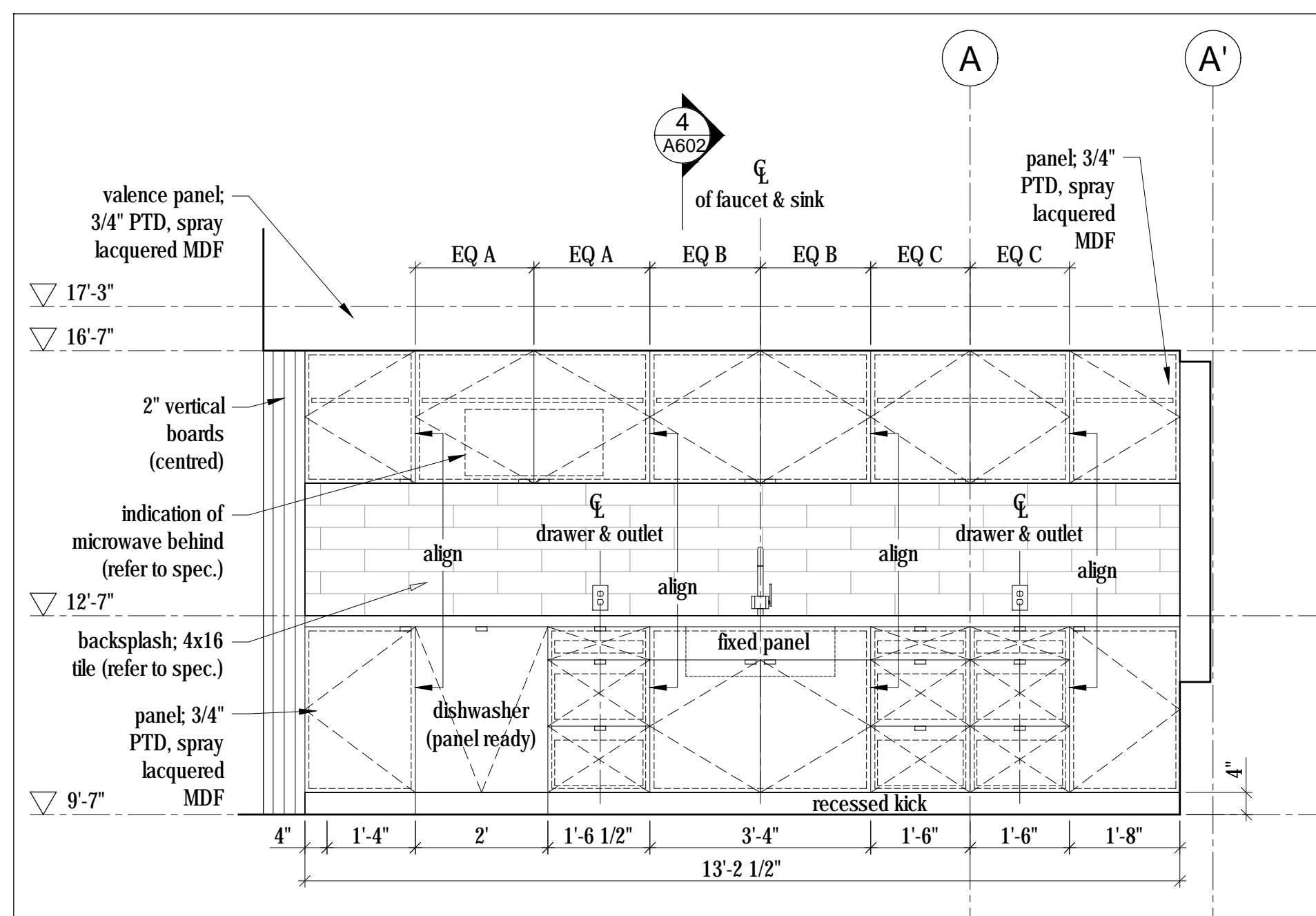
4  
A602  
**Kitchen & Powder Room - Section**  
Scale 1/2" = 1'-0"



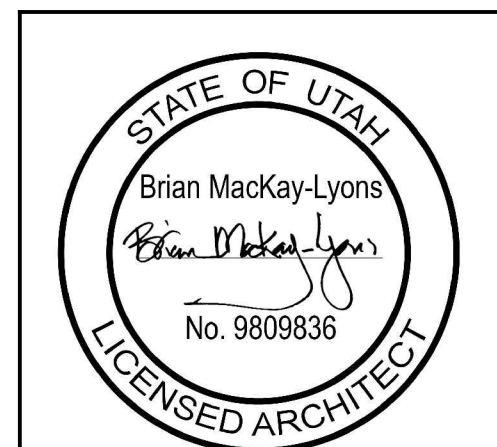
1  
A602  
**Kitchen/Powder Room/Mudroom - Enlarged Plan**  
Scale 1/2" = 1'-0"



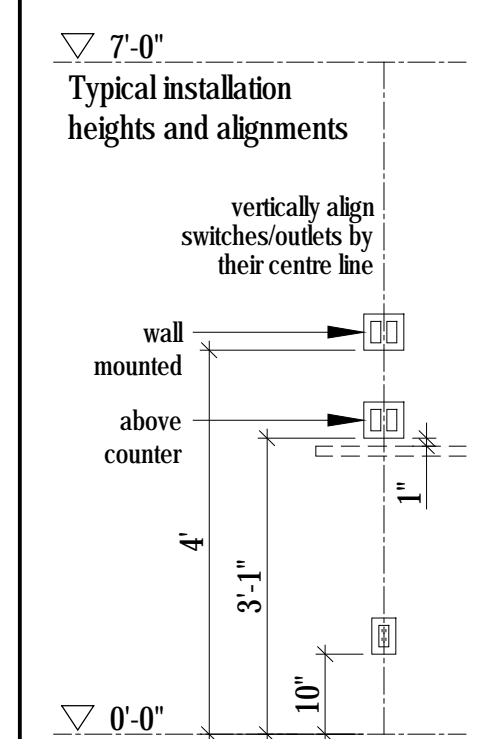
6  
A602  
**Kitchen - Elevation**  
Scale 1/2" = 1'-0"



3  
A602  
**Kitchen - Elevation**  
Scale 1/2" = 1'-0"



NOTE: all dimensions  
to be verified in field



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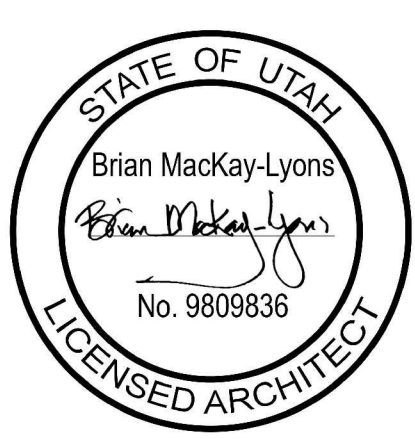
MEM 01/11/2017  
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**Cabin 1000**

Millwork

scale: as noted  
date: 16-05-20  
drawn: MJ/JL  
chk'd: BML

**A602**



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FOR COMPLIANCE WITH THE APPLICABLE  
CONSTRUCTION CODES IDENTIFIED BELOW:

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
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<input checked="" type="checkbox"/> ACCESSIBILITY	<input checked="" type="checkbox"/> FIRE

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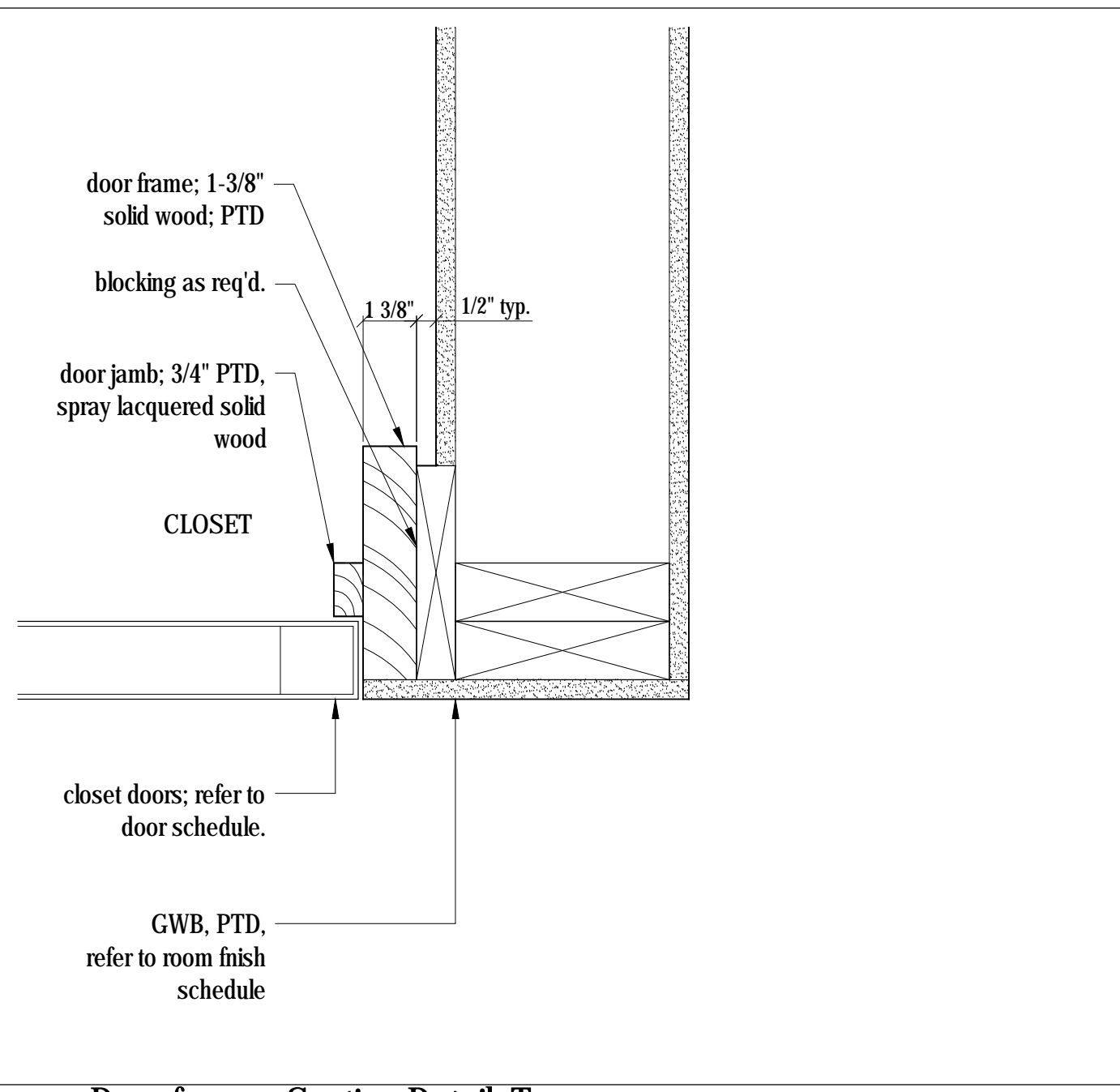
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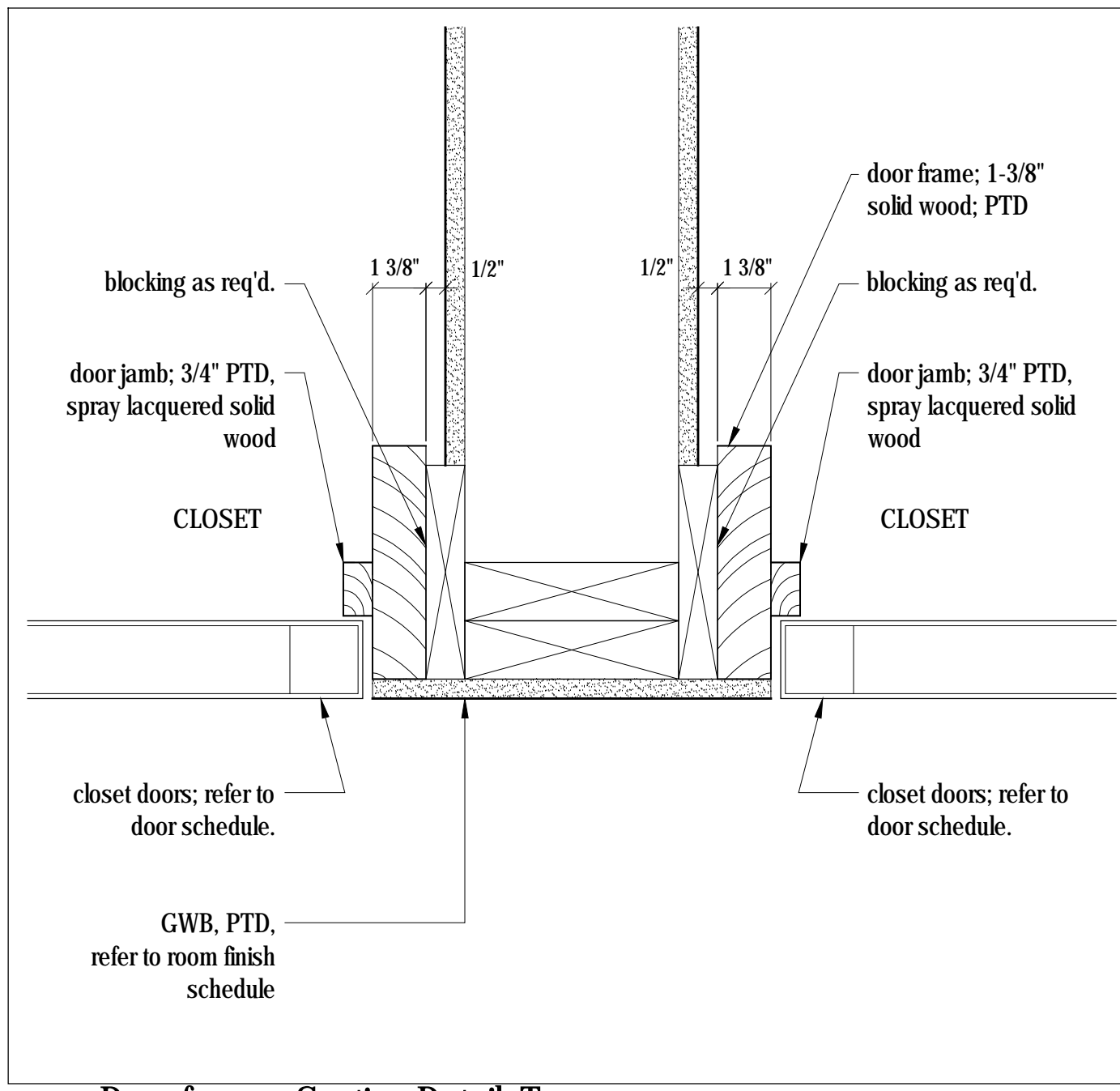
**Cabin 1000  
Millwork  
Details**

scale: as noted  
date: 16-05-20  
drawn: MJ/JL  
chk'd: BML

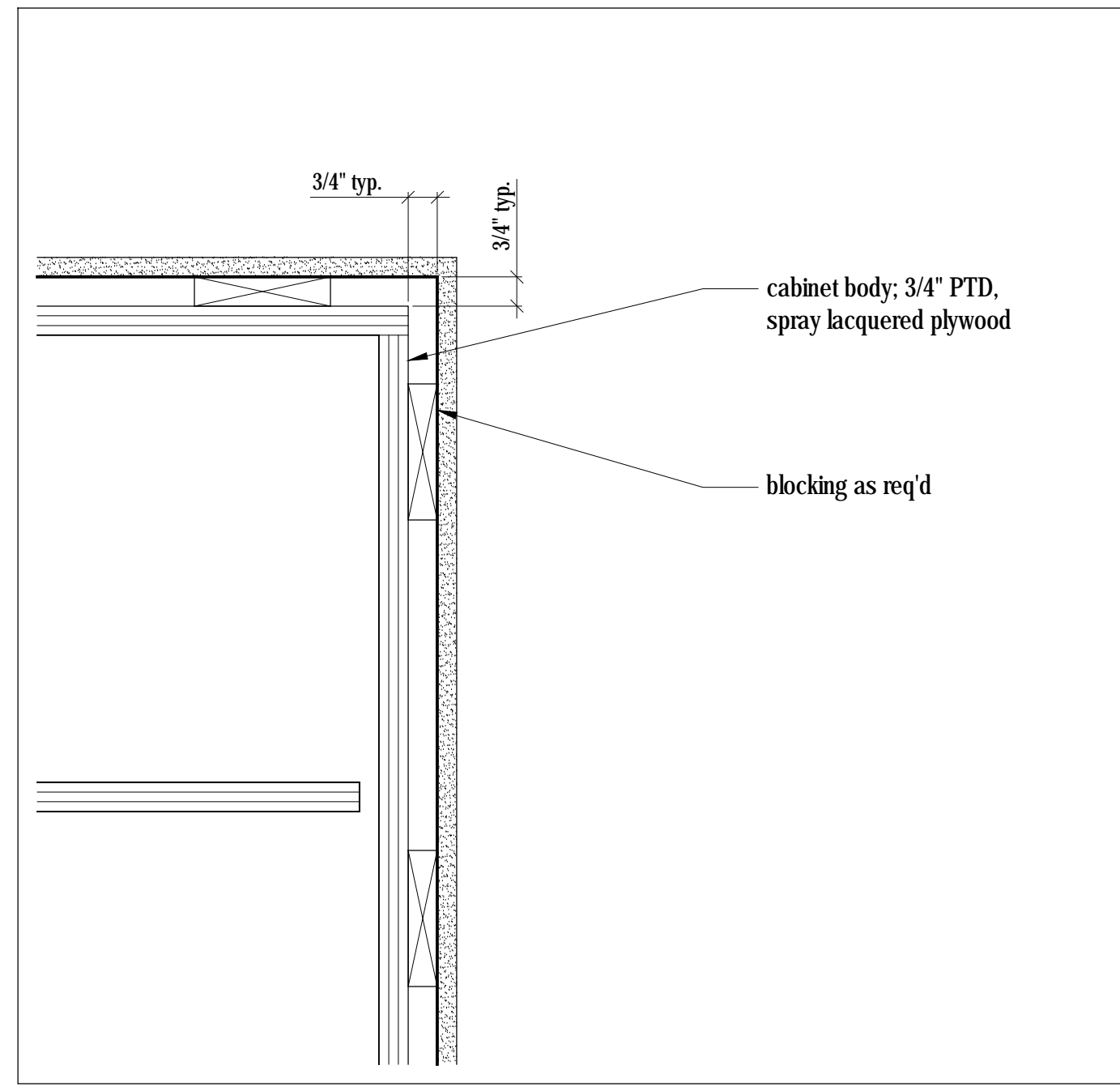
**A603**



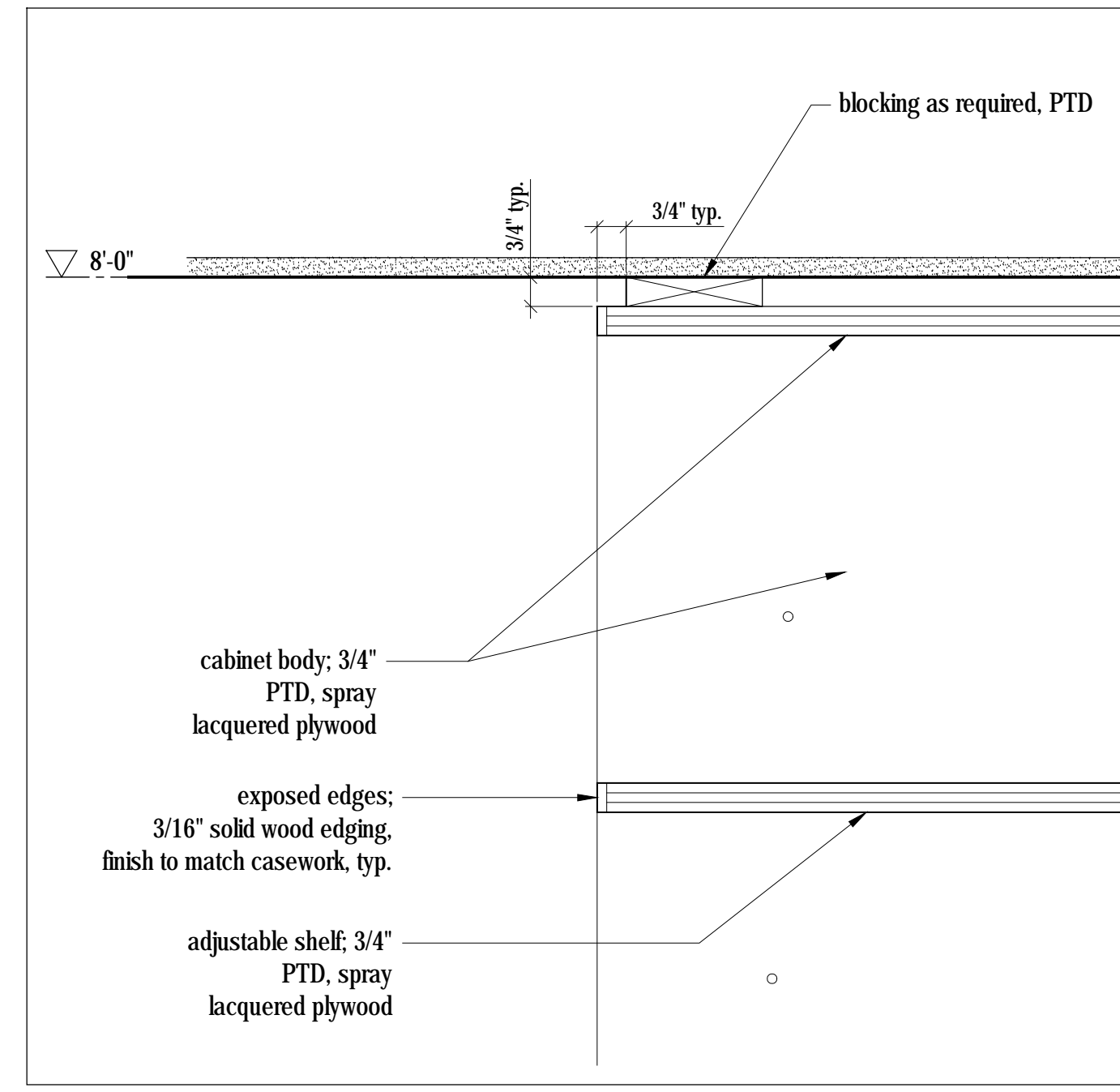
3 Door frame - Section Detail, Typ.  
Scale 3" = 1'-0"



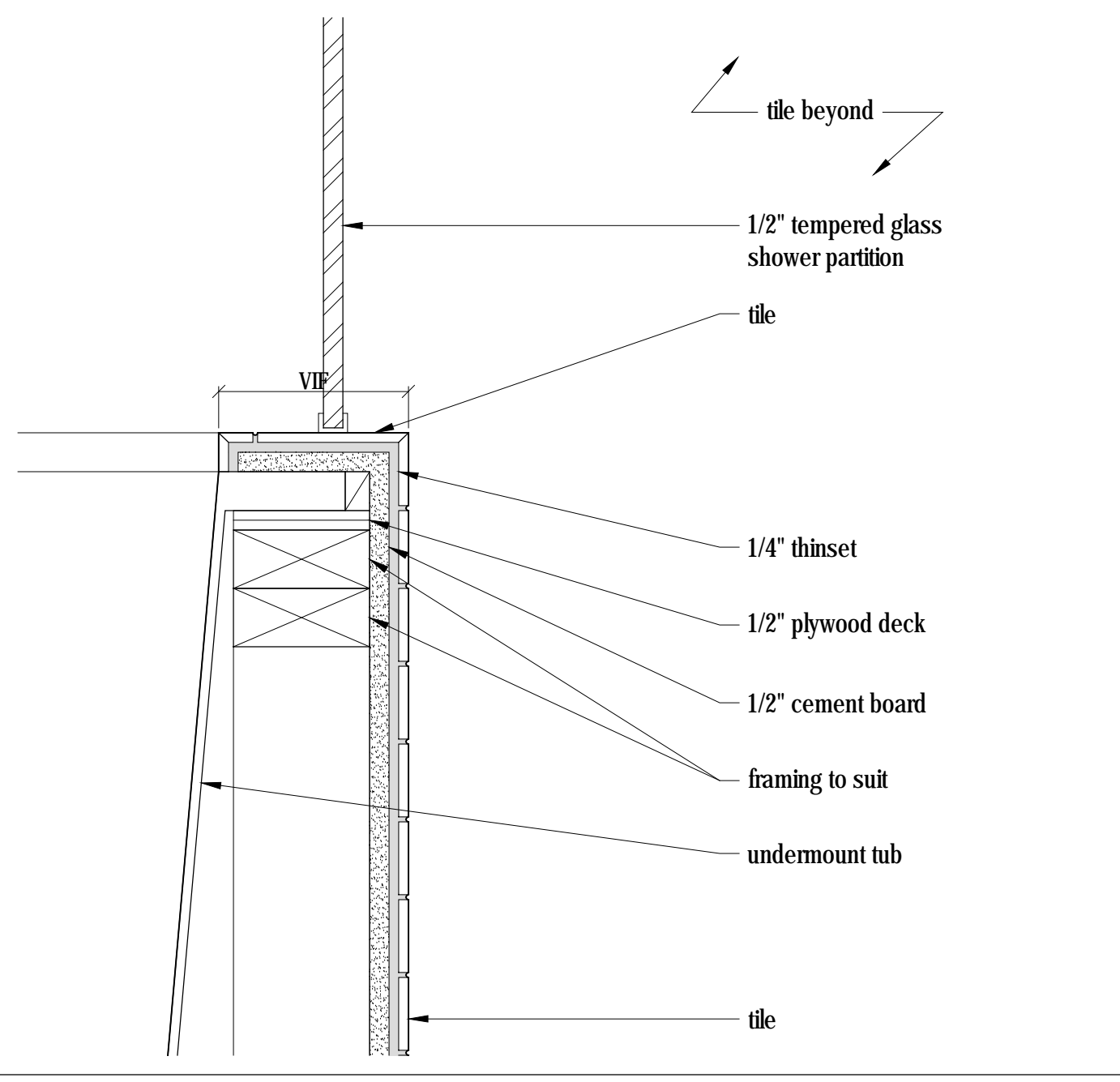
6 Door frame - Section Detail, Typ.  
Scale 3" = 1'-0"



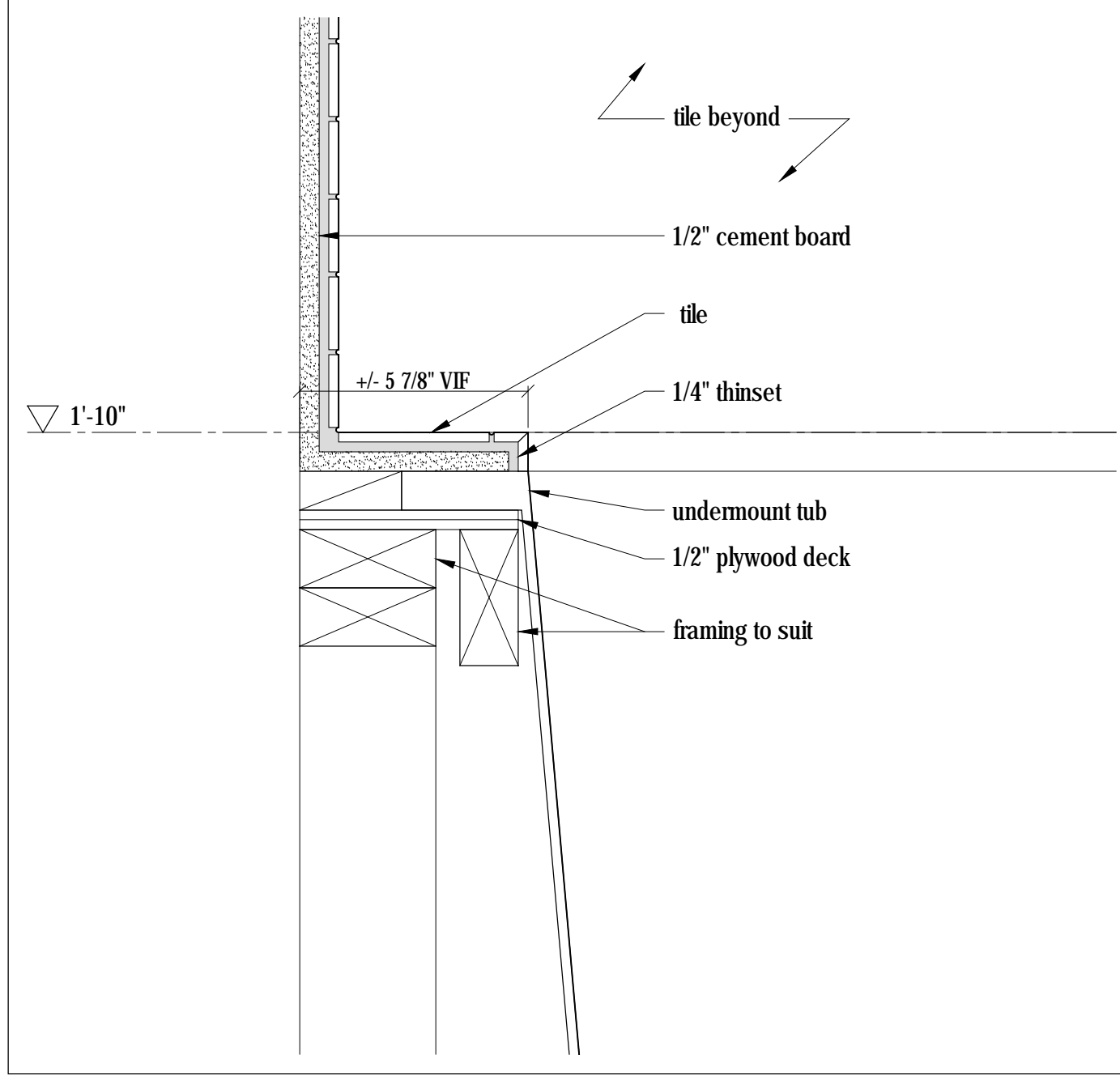
9 Closet - Section Detail  
Scale 3" = 1'-0"



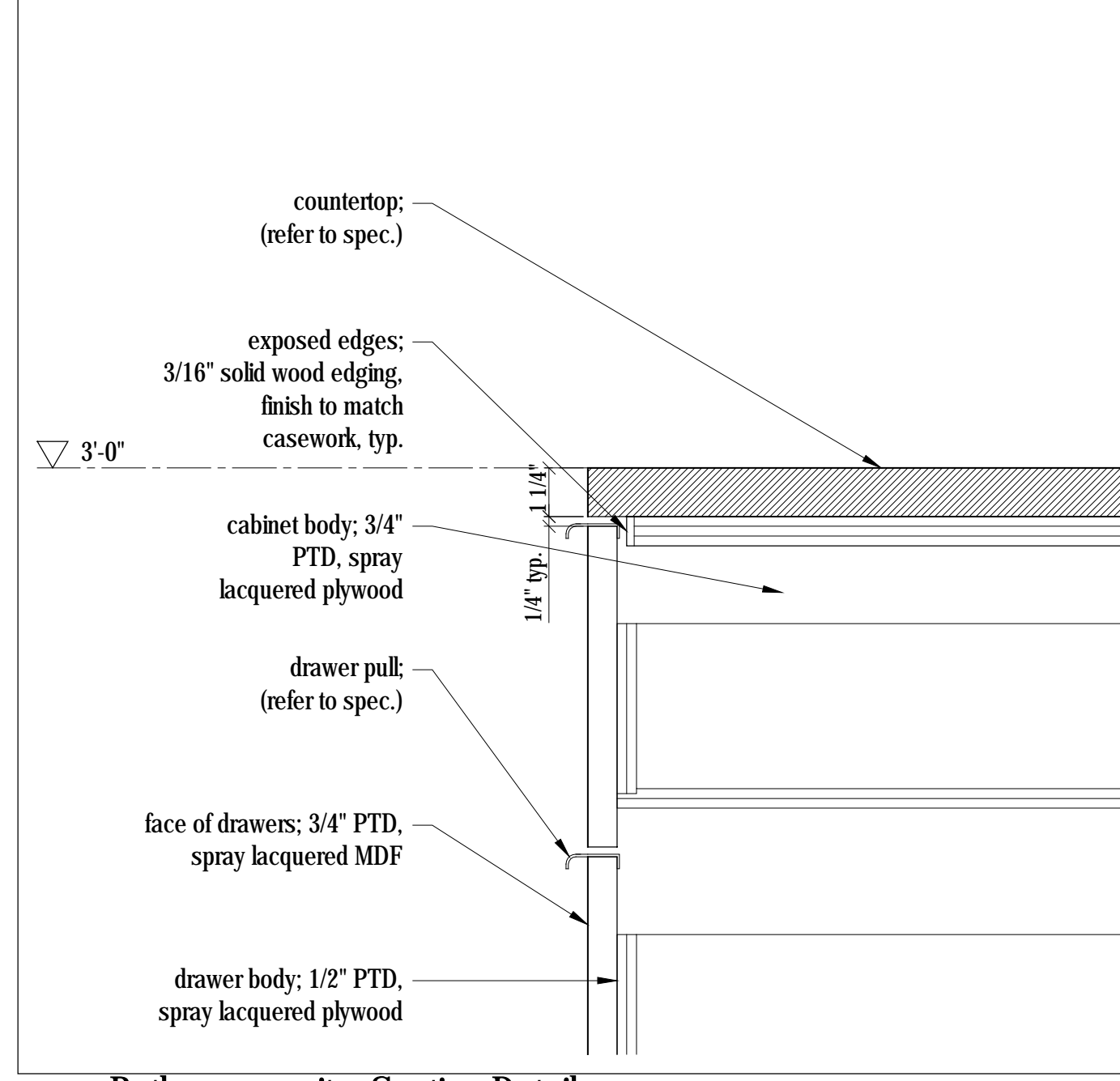
12 Closet - Section Detail  
Scale 3" = 1'-0"



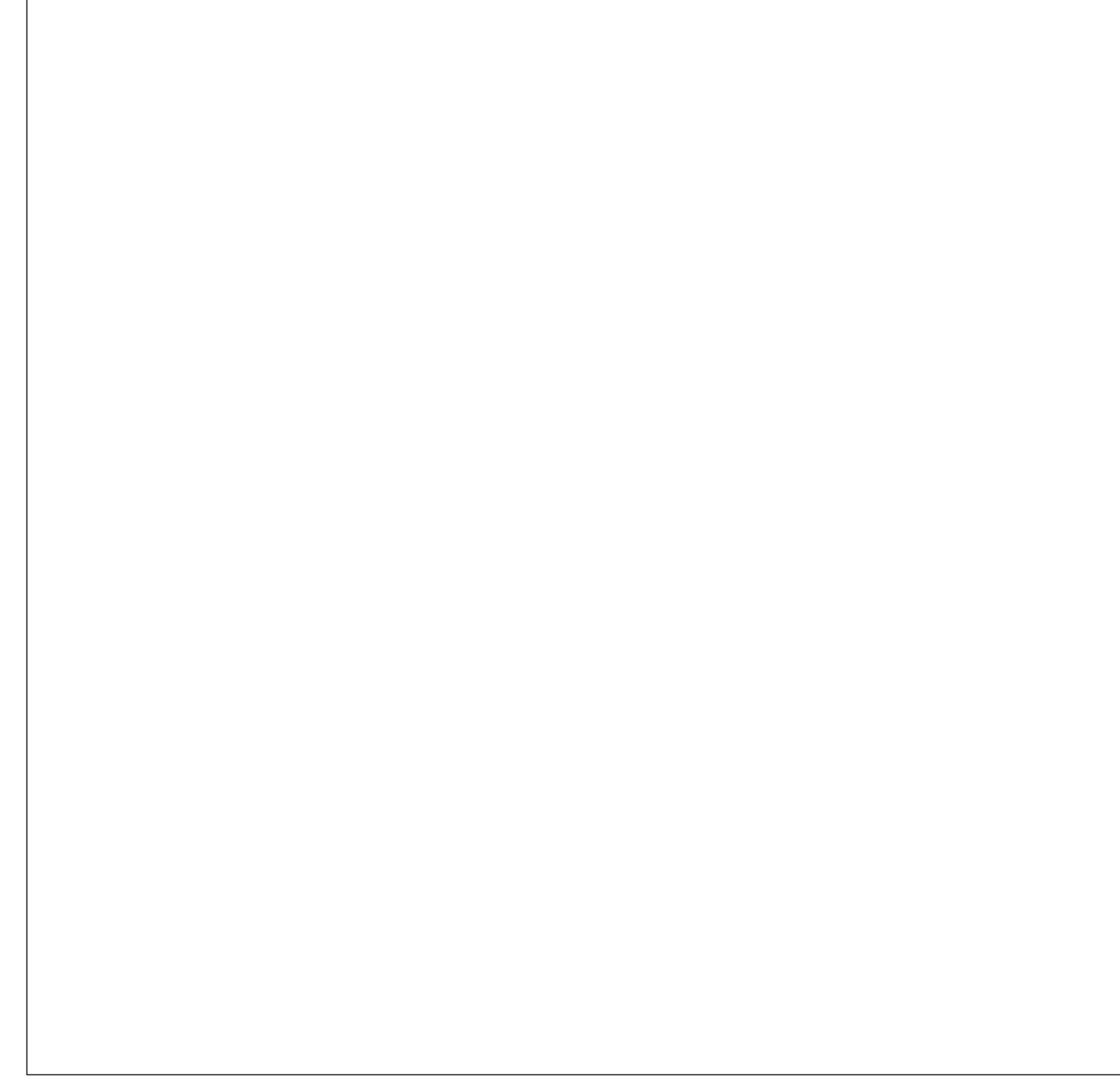
2 Bathtub - Section Detail  
Scale 1" = 1'-0"



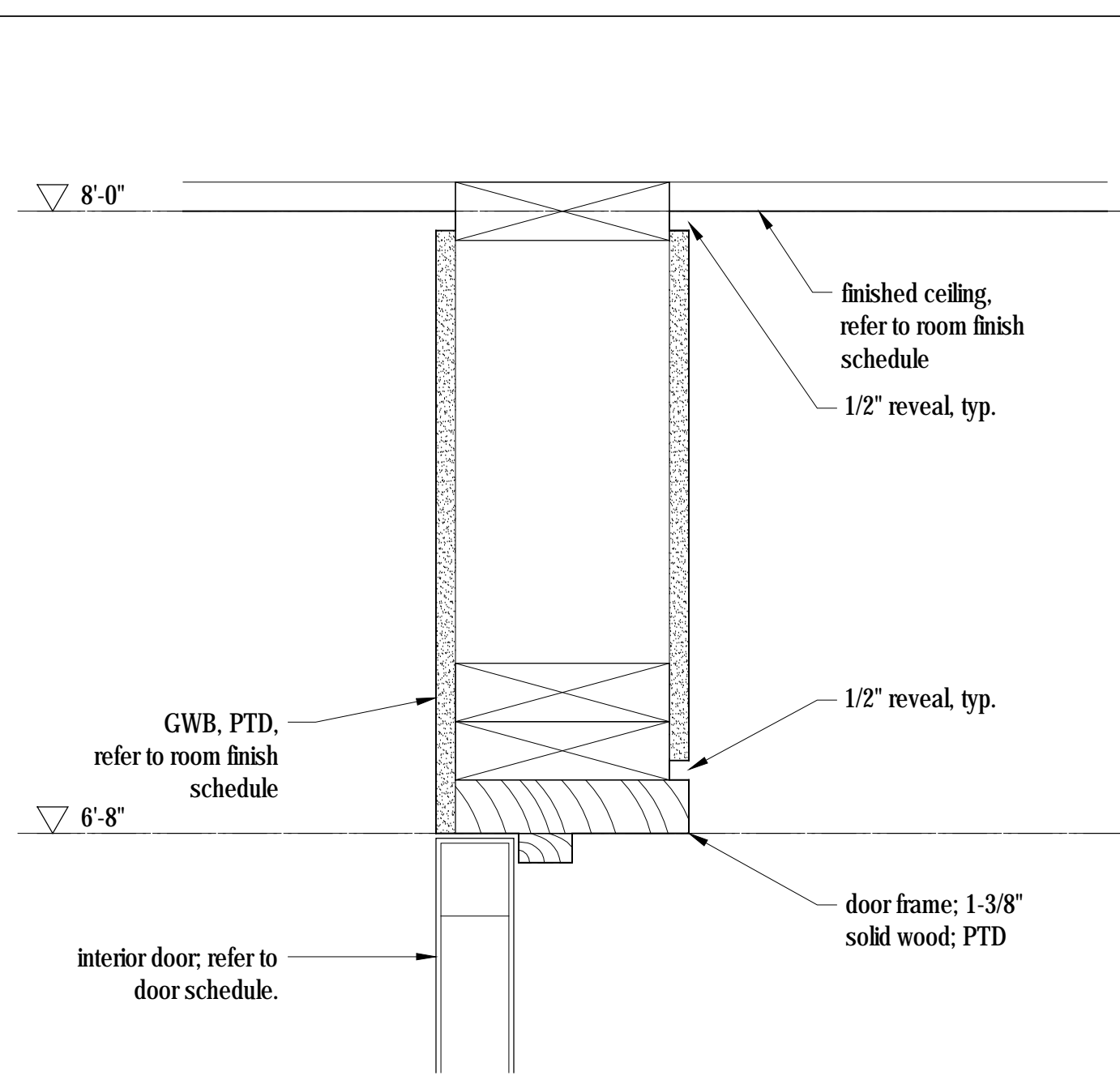
5 Bathtub - Section Detail  
Scale 3" = 1'-0"



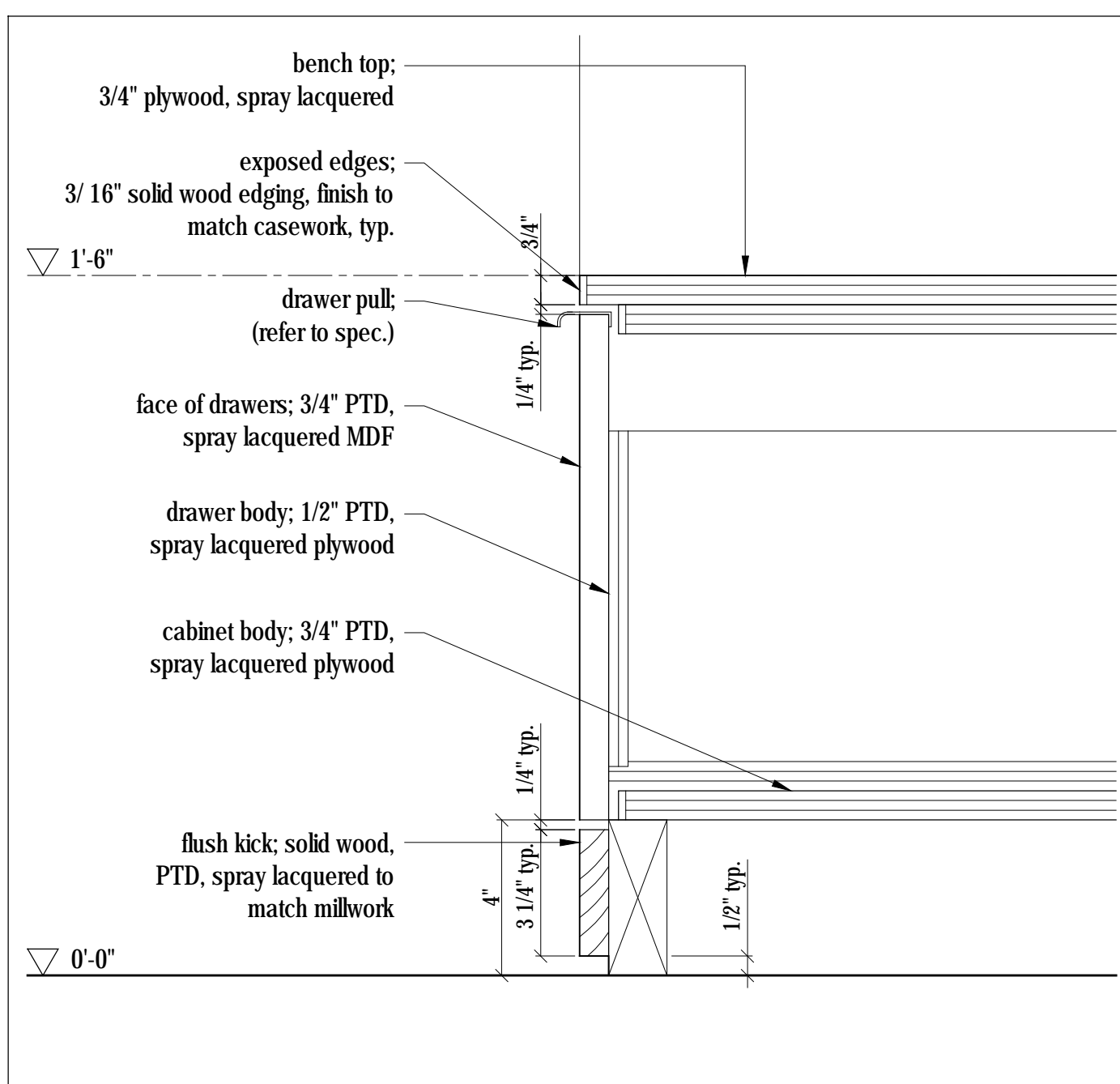
8 Bathroom vanity - Section Detail  
Scale 3" = 1'-0"



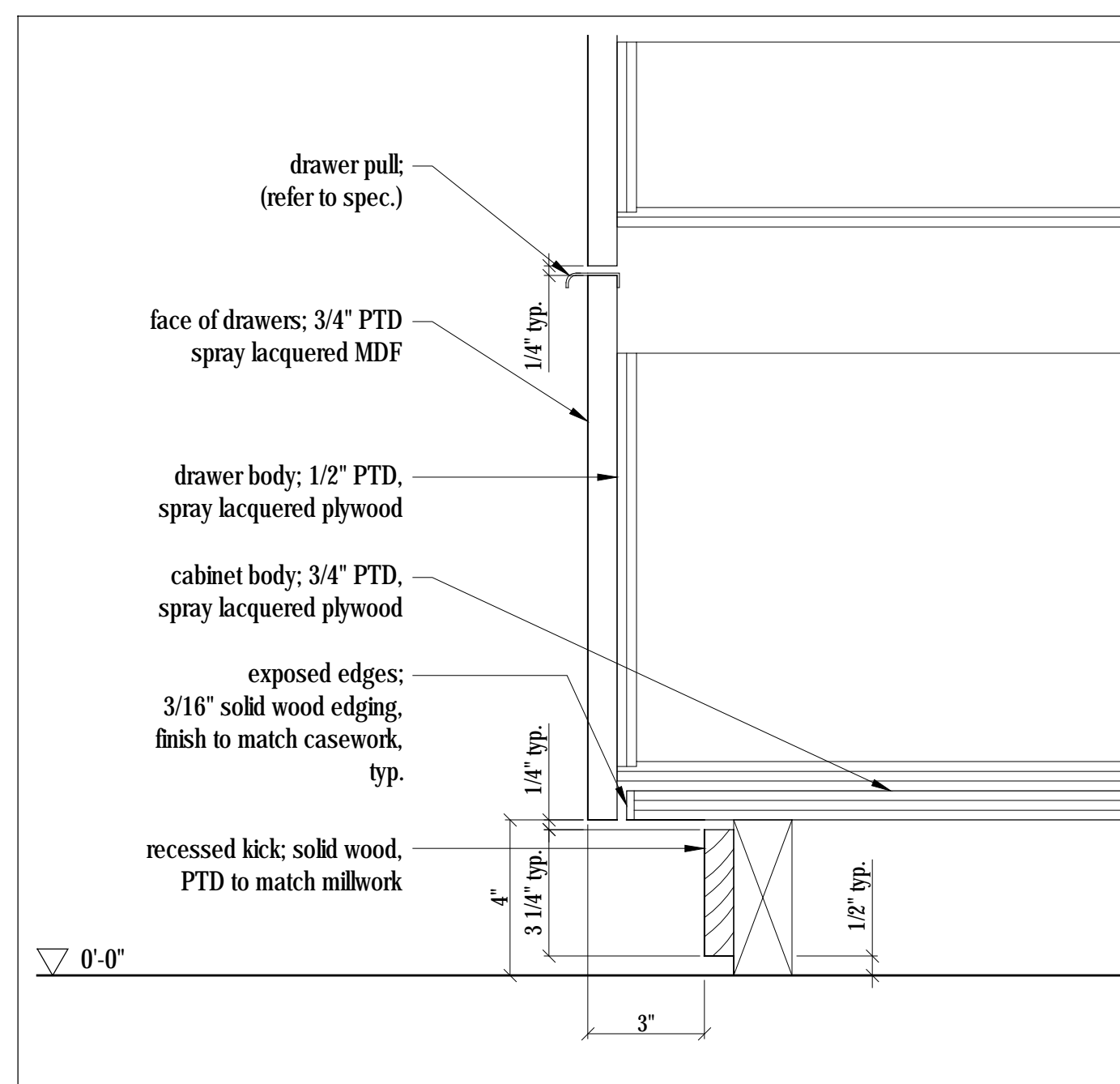
11 Not in Use



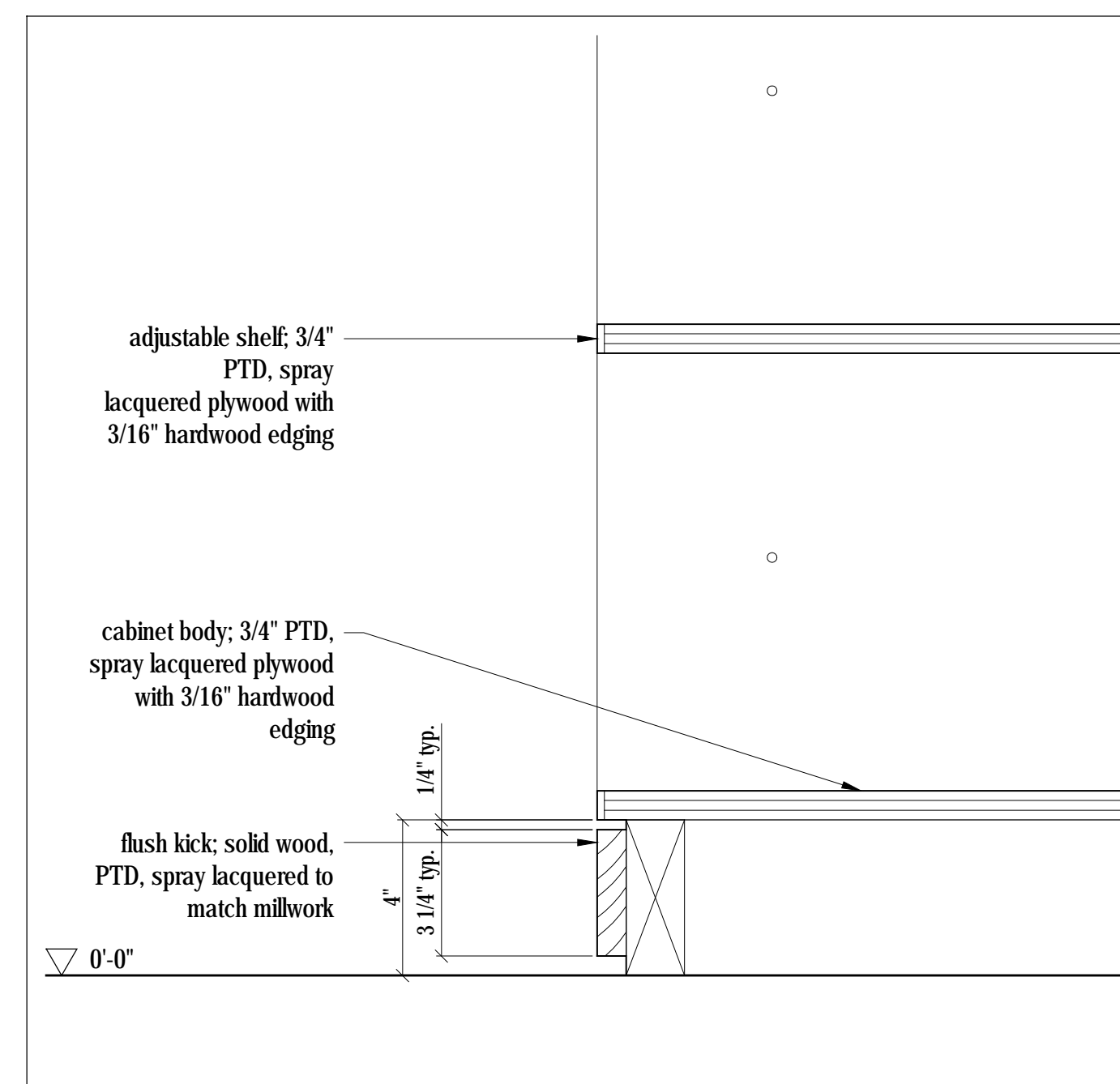
1 Closet - Section Detail  
Scale 3" = 1'-0"



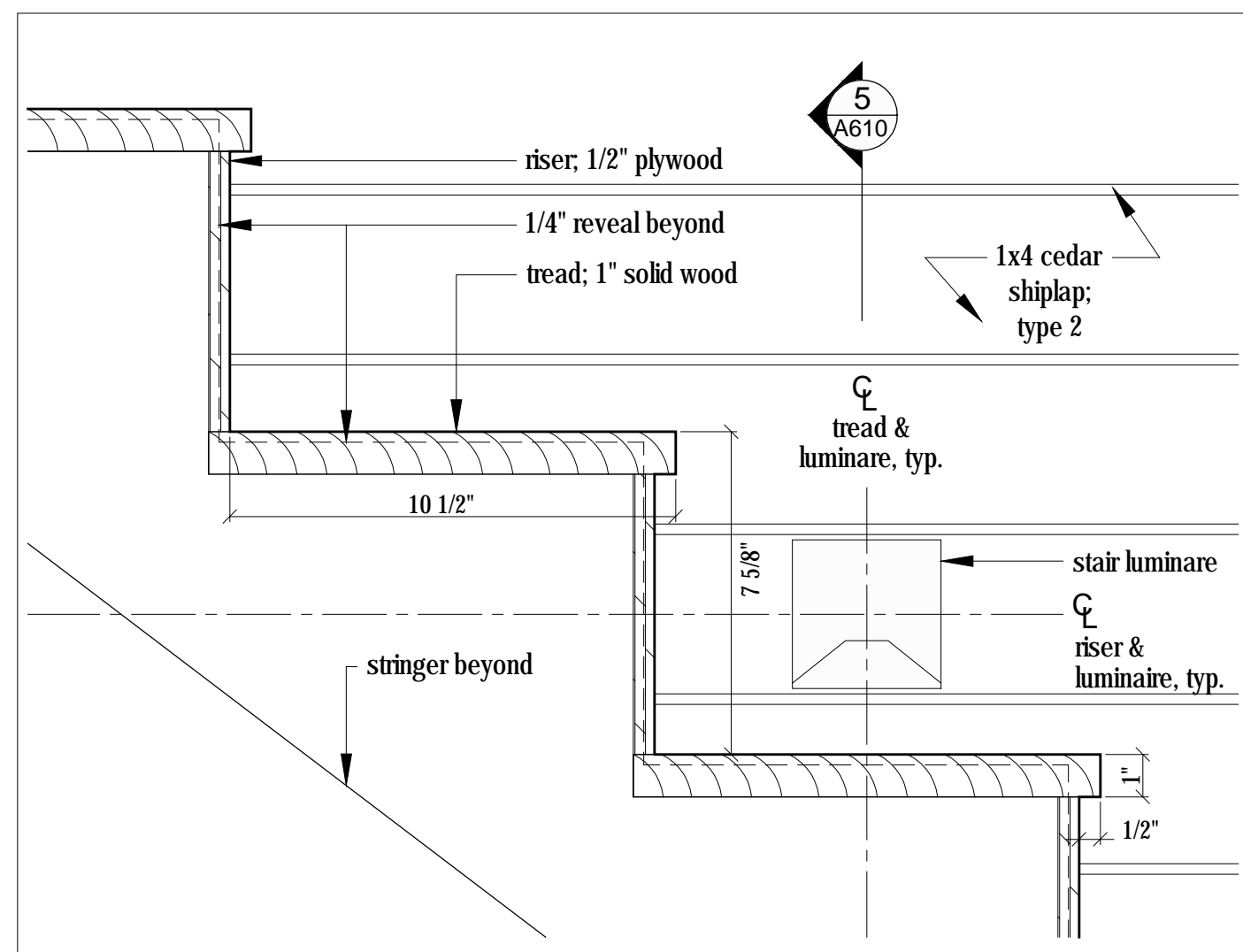
4 Bench - Section Detail  
Scale 3" = 1'-0"



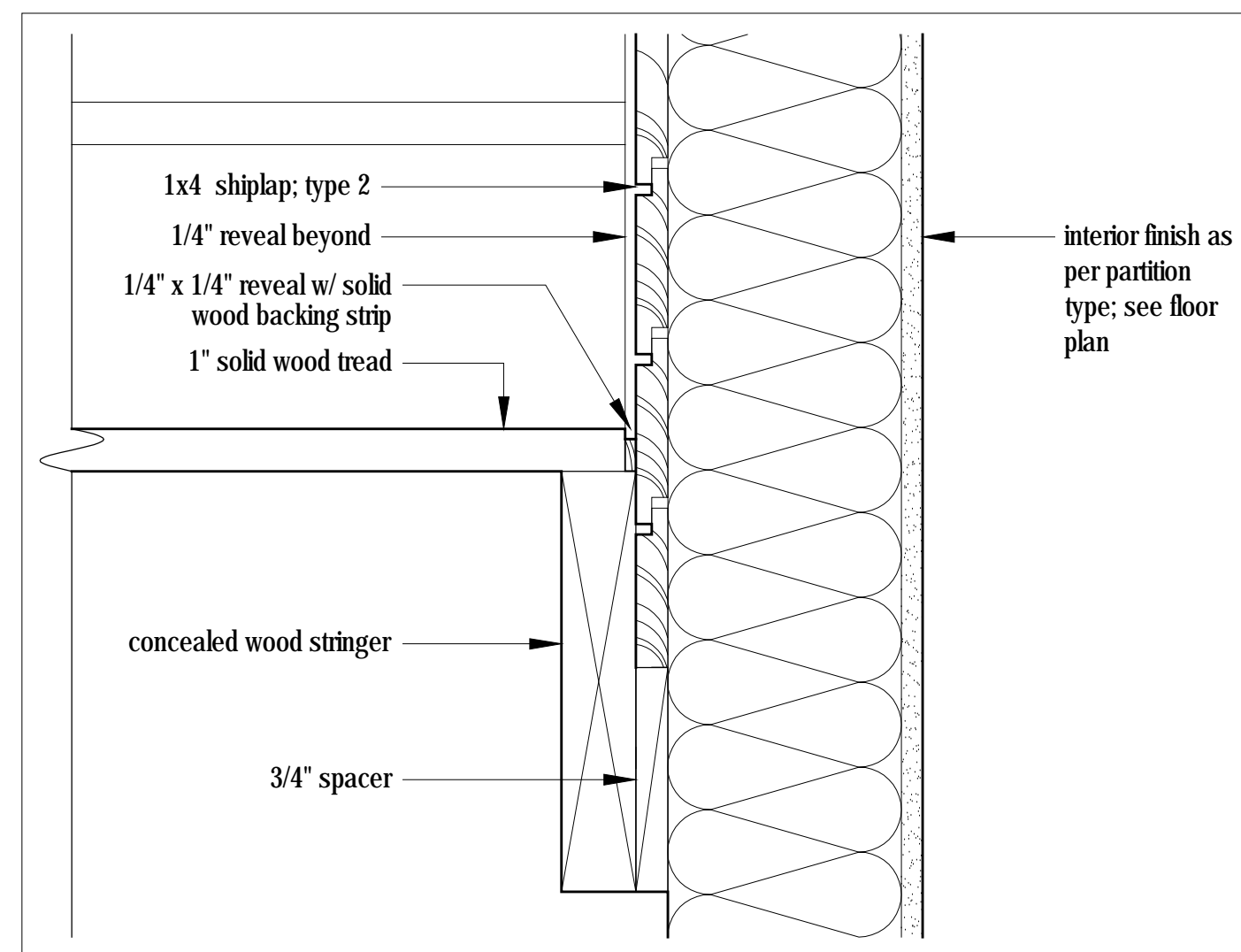
7 Bathroom vanity - Section Detail  
Scale 3" = 1'-0"



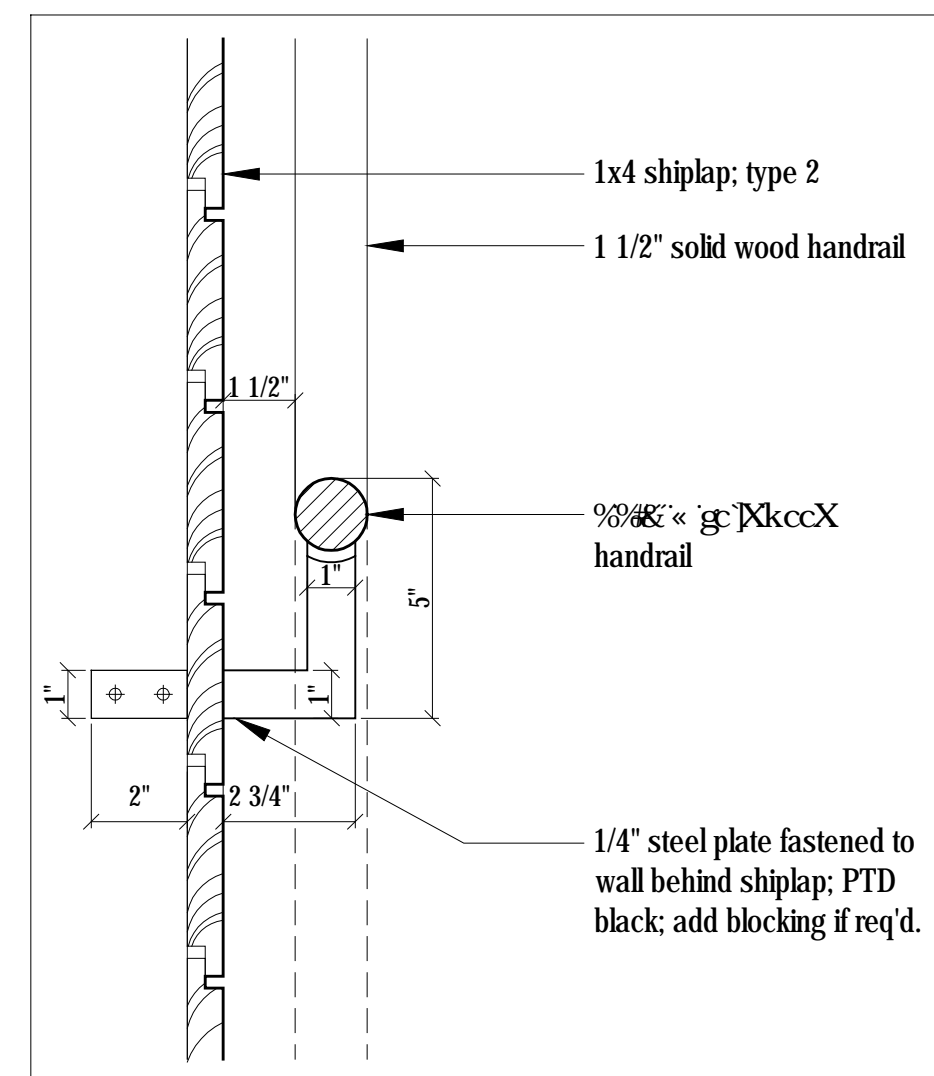
10 Closet - Section Detail  
Scale 3" = 1'-0"



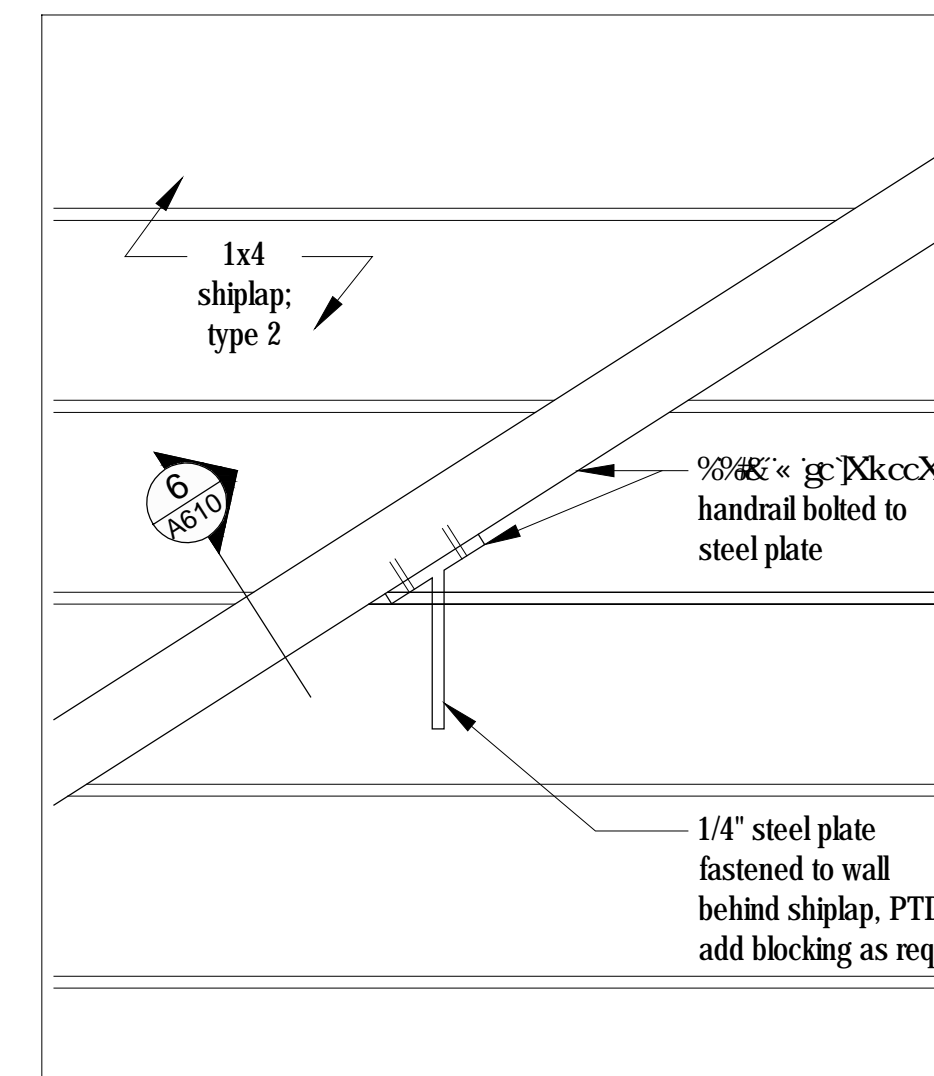
9 Stair detail  
3/4"=1'-0"



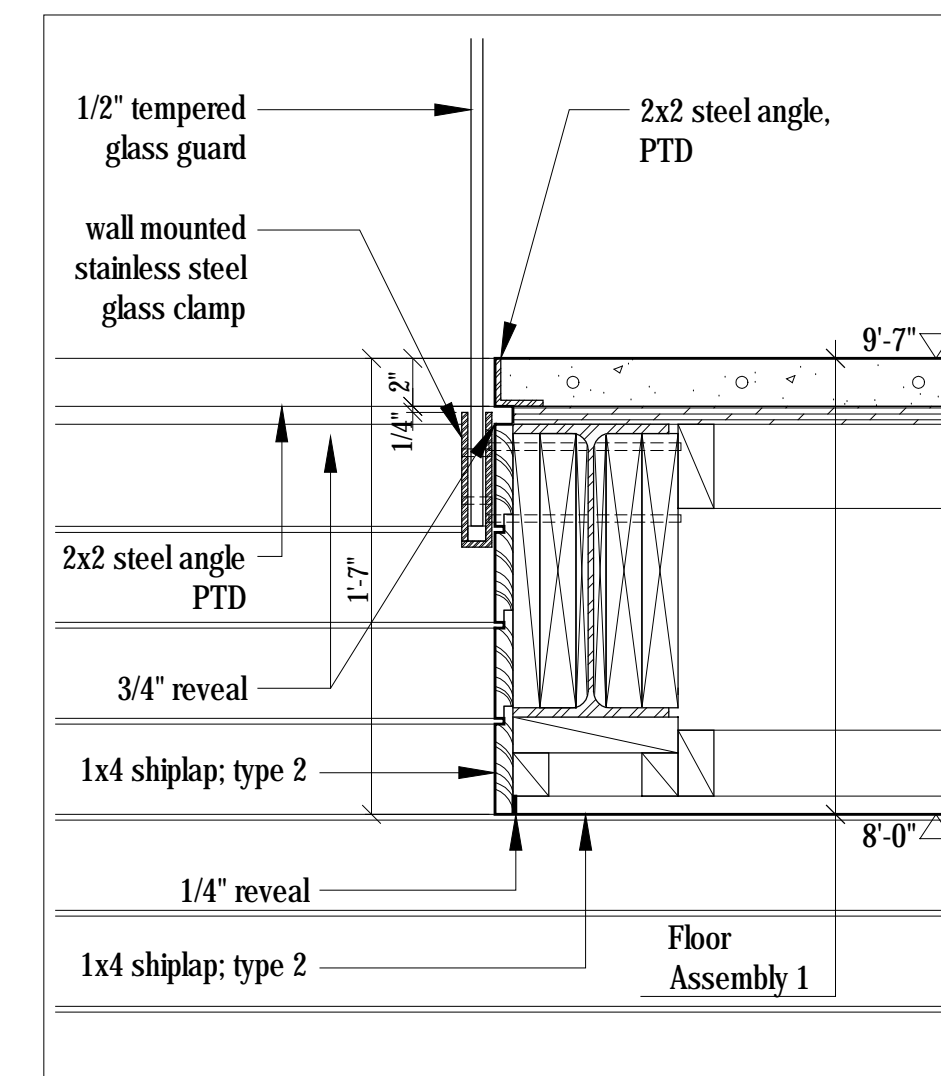
8 Stair detail  
3/4"=1'-0"



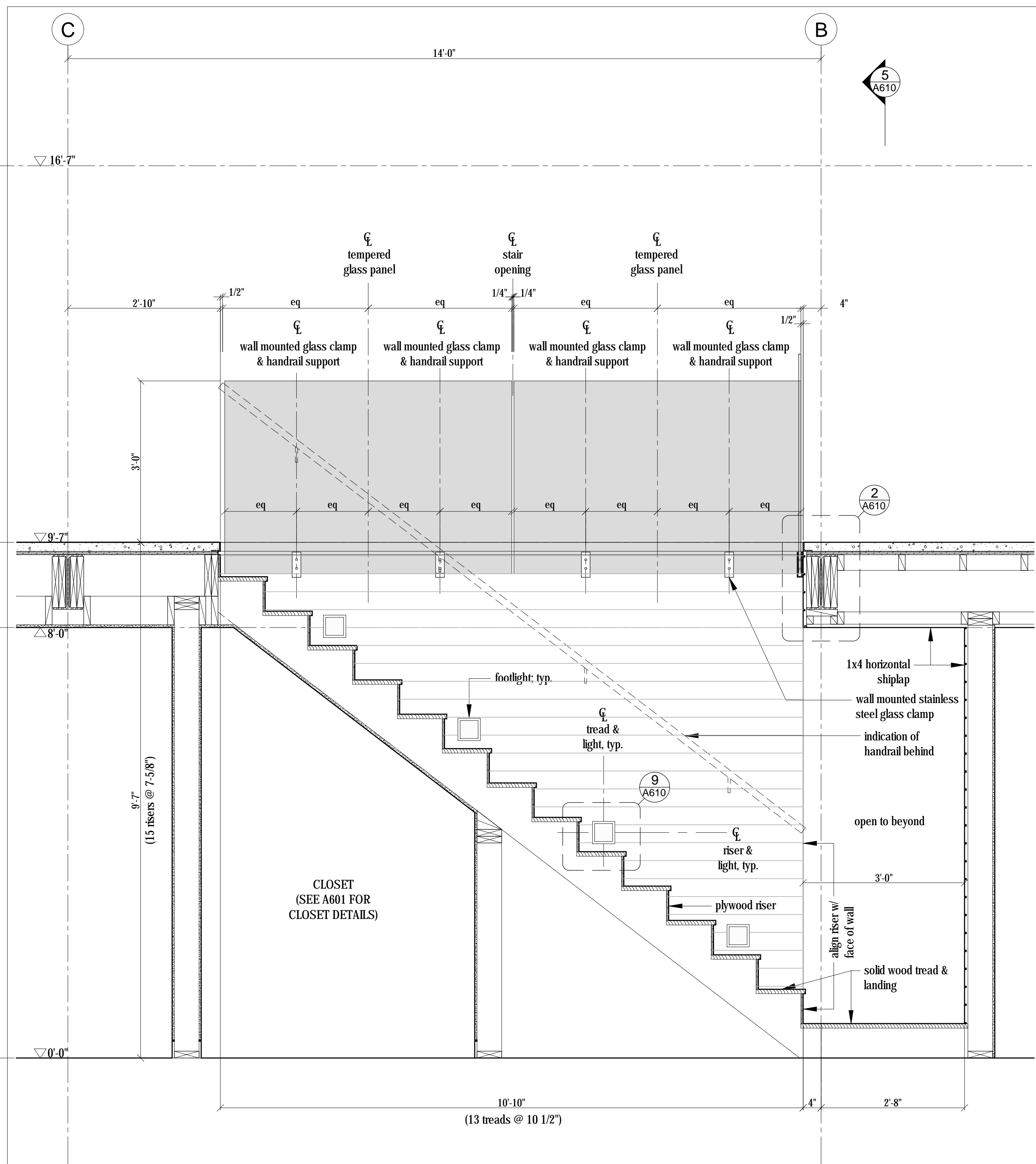
6 Handrail section detail  
3/4"=1'-0"



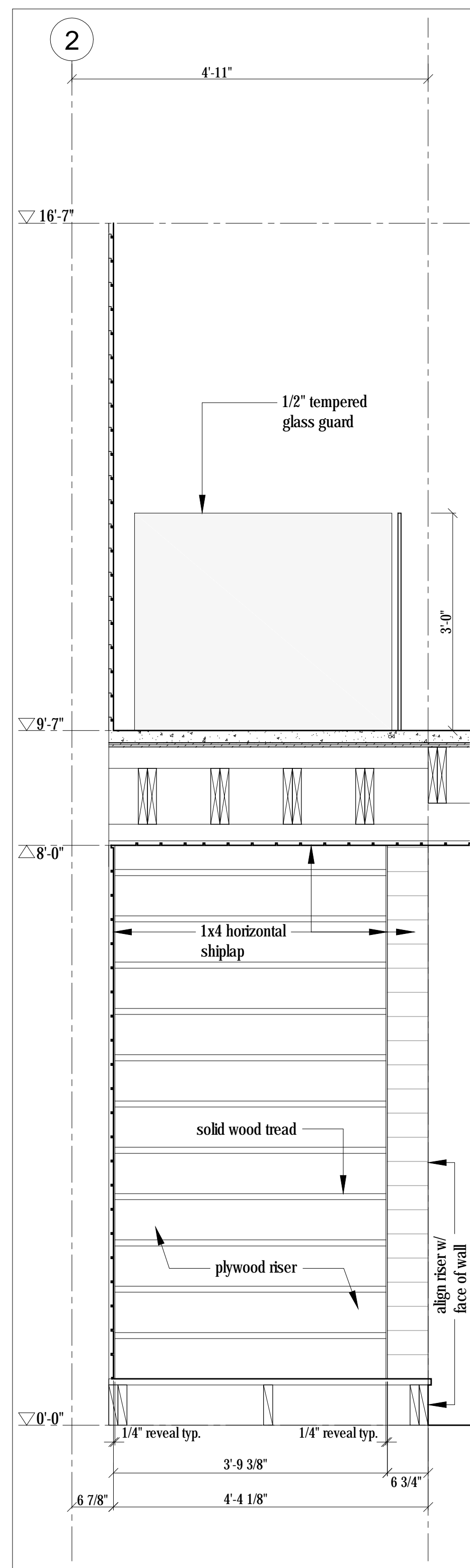
4 Handrail connection detail  
3/4"=1'-0"



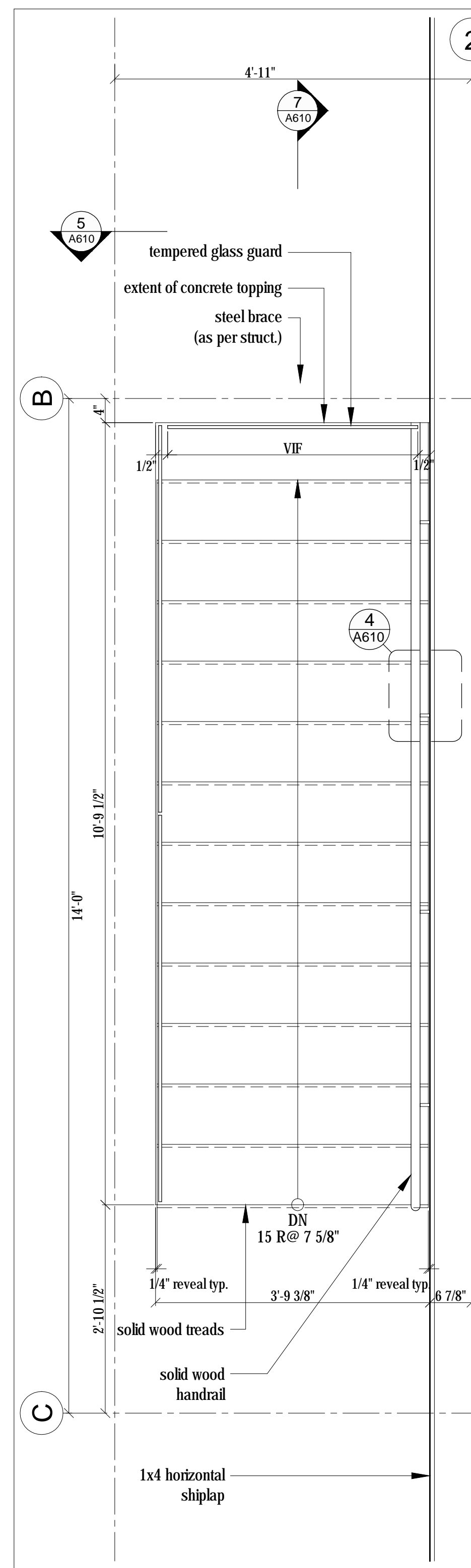
2 Guard Connection Detail  
1-1/2"=1'-0"



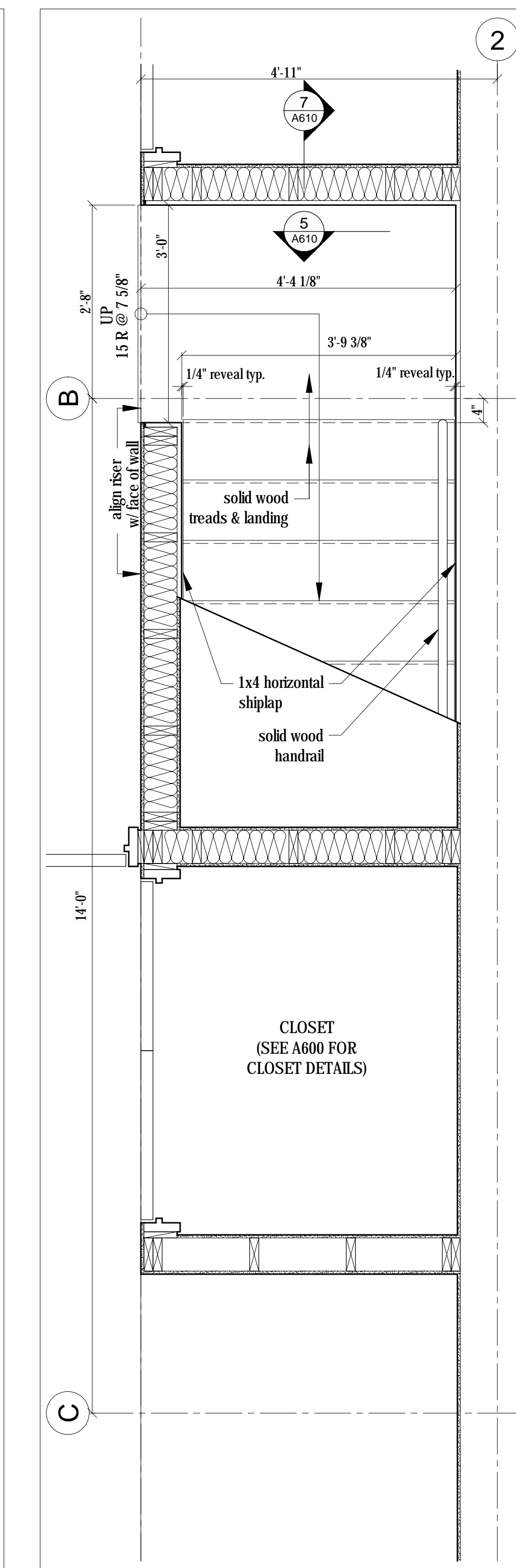
7 Stair section  
3/4"=1'-0"



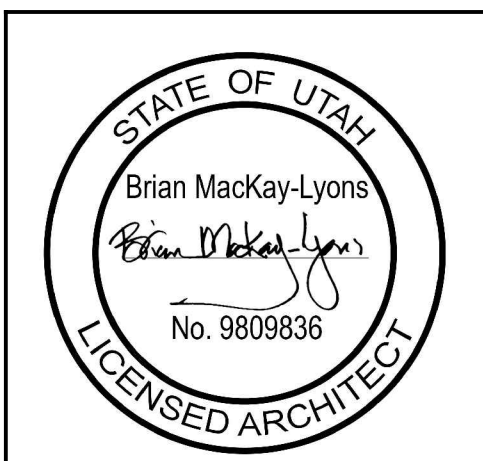
5 Stair Section  
3/4"=1'-0"



3 Enlarged Main Floor Plan  
3/4"=1'-0"



1 Enlarged Lower Floor Plan  
3/4"=1'-0"



**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

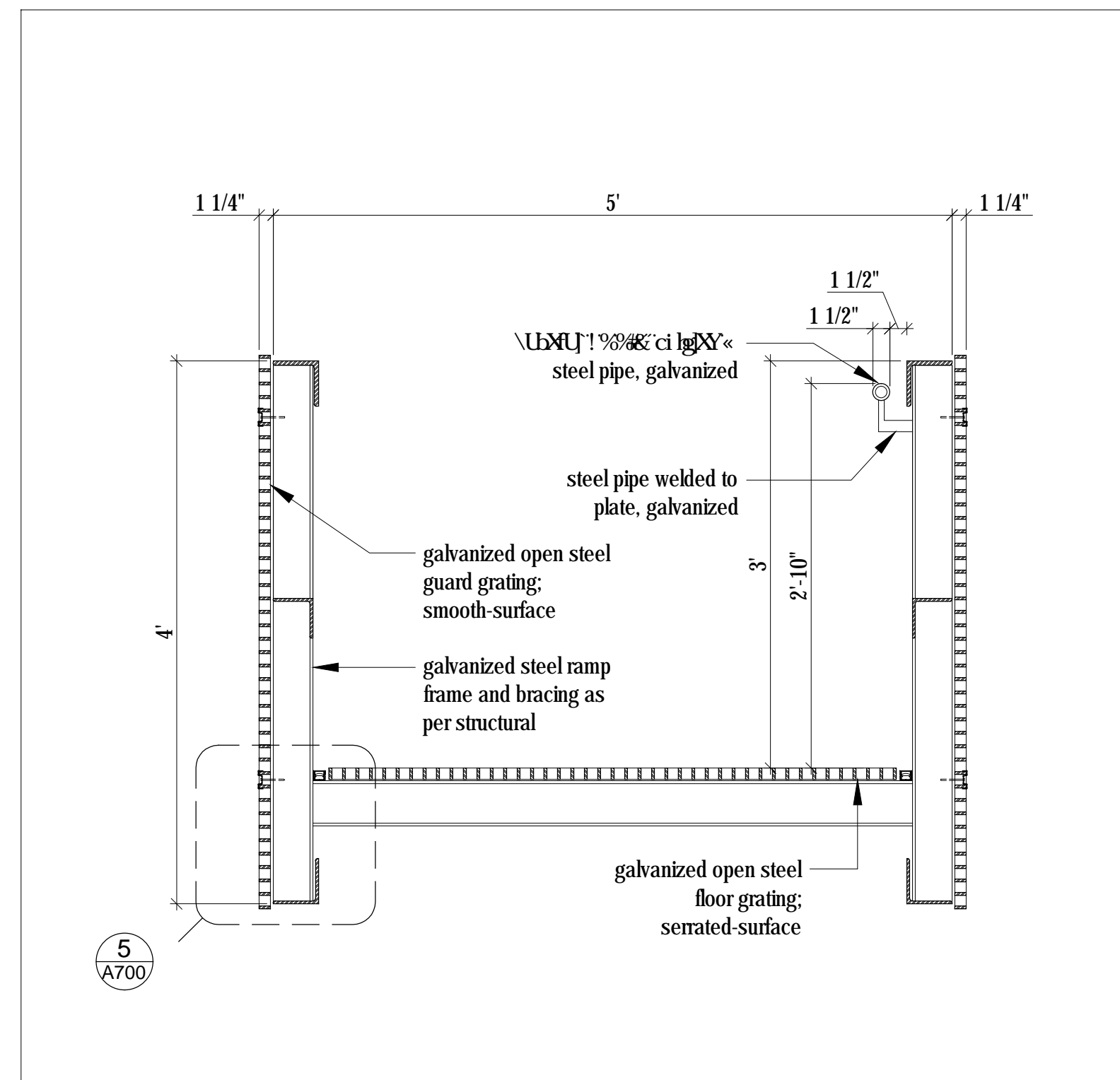
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<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input checked="" type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
MEM DATE: 08/24/17  
WEST COAST CODE CONSULTANTS, INC.

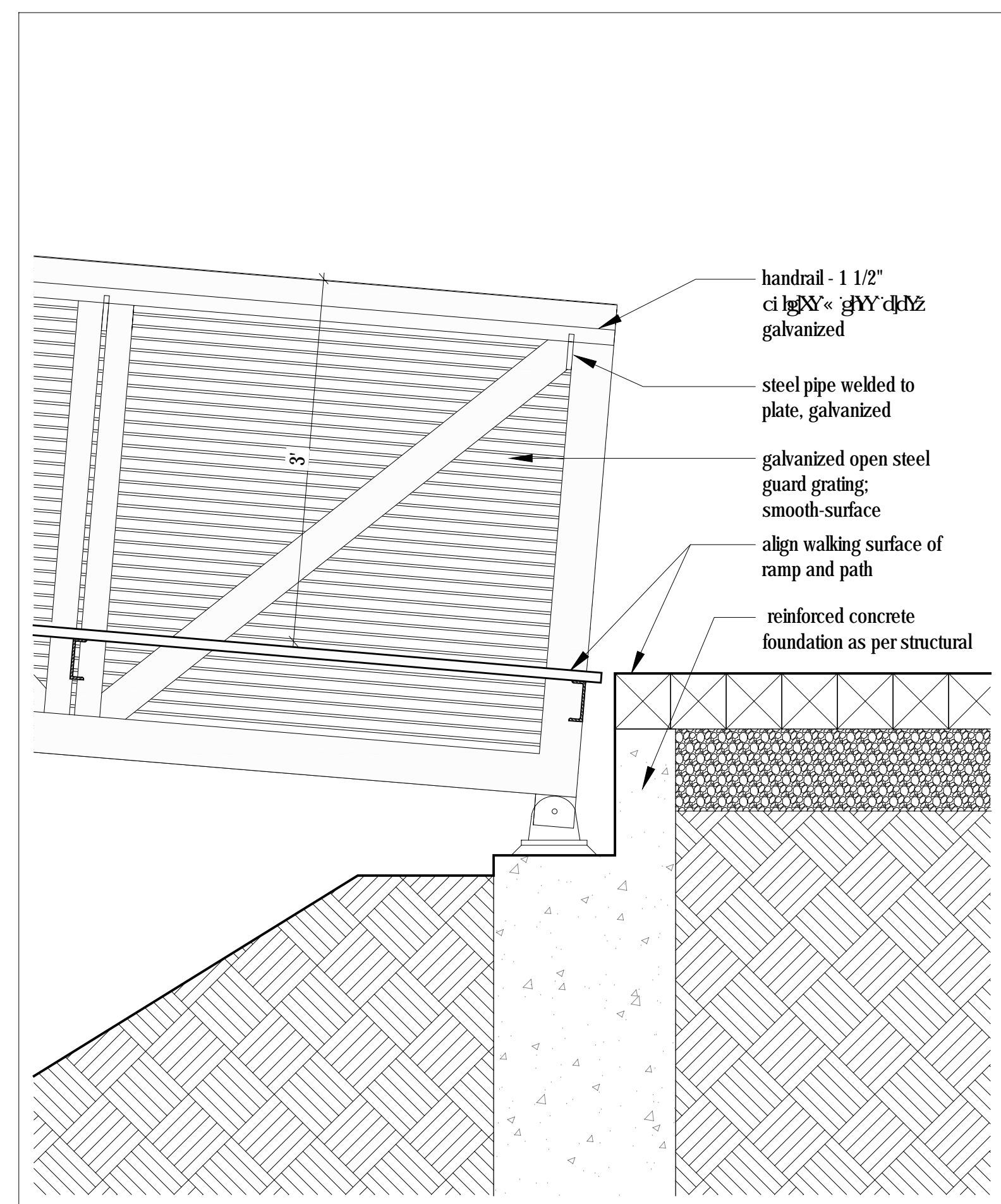
No.	Description	Date
02	Issued for Const. Rev. 1	21.07.2017
01	Issued for Construction	17.03.2017

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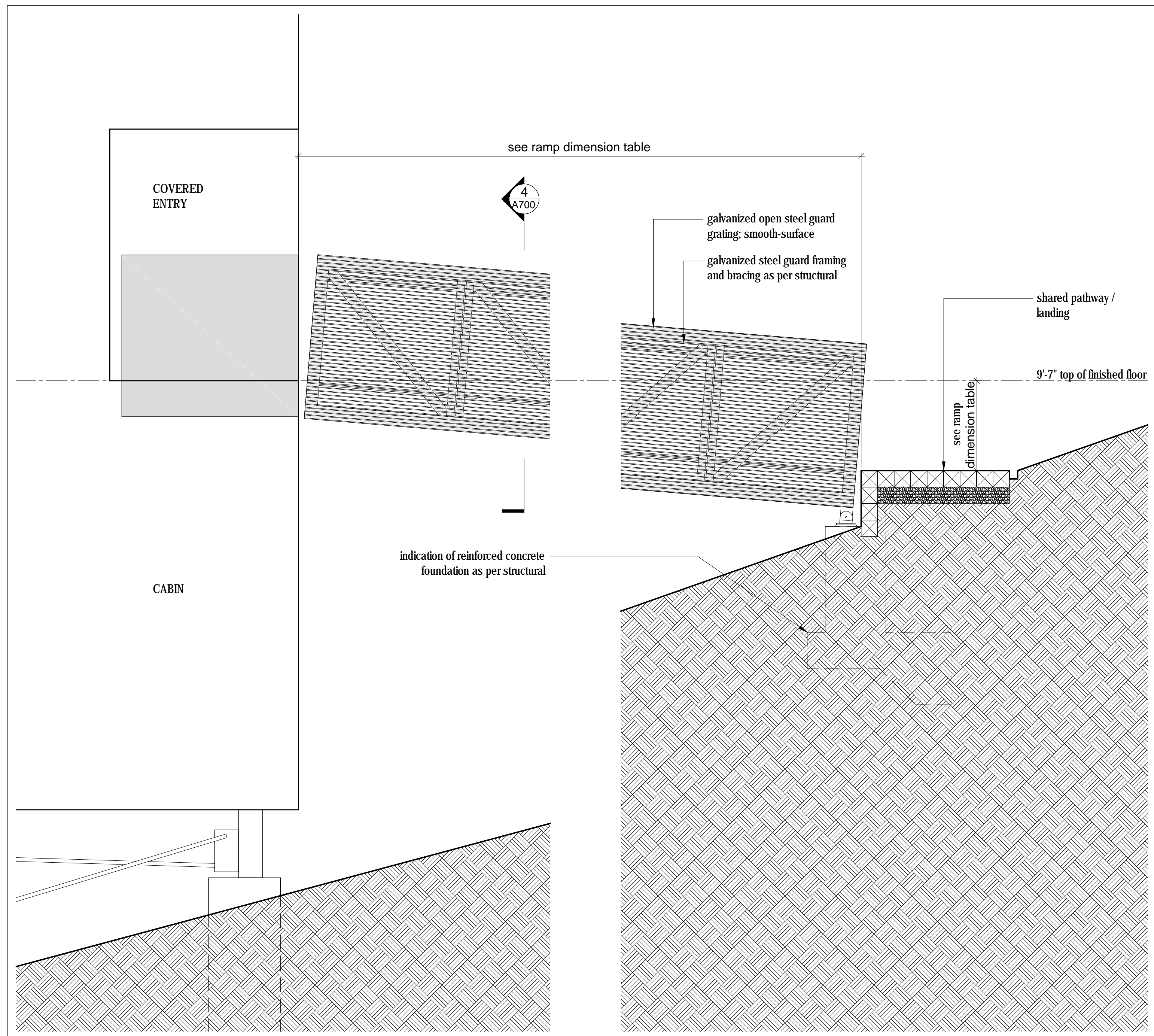
Ramp Dimension Table					
	Fin. Floor Elev.	Ramp Length	Landing Elev.	Vertical Rise	Slope (16% max)
Unit 11	8726'-0"	40'-0"	8723'-6"	2'-6"	6.25%
Unit 13	8801'-6"	40'-0"	8799'-6"	2'-0"	5%
Unit 16	8756'-0"	38'-0"	8753'-6"	2'-6"	6.6%
Unit 19	8728'-6"	stair required	8823'-6"	n/a	n/a
Unit 21	8737'-0"	40'-0"	8734'-6"	2'-6"	6.25%
Unit 26	8709'-0"	40'-0"	8706'-6"	2'-6"	6.25%
Unit 27	8727'-0"	48'-0"	8724'-6"	2'-6"	5.21%
Unit 29	8764'-6"	40'-0"	8764'-6"	0'-0"	0%



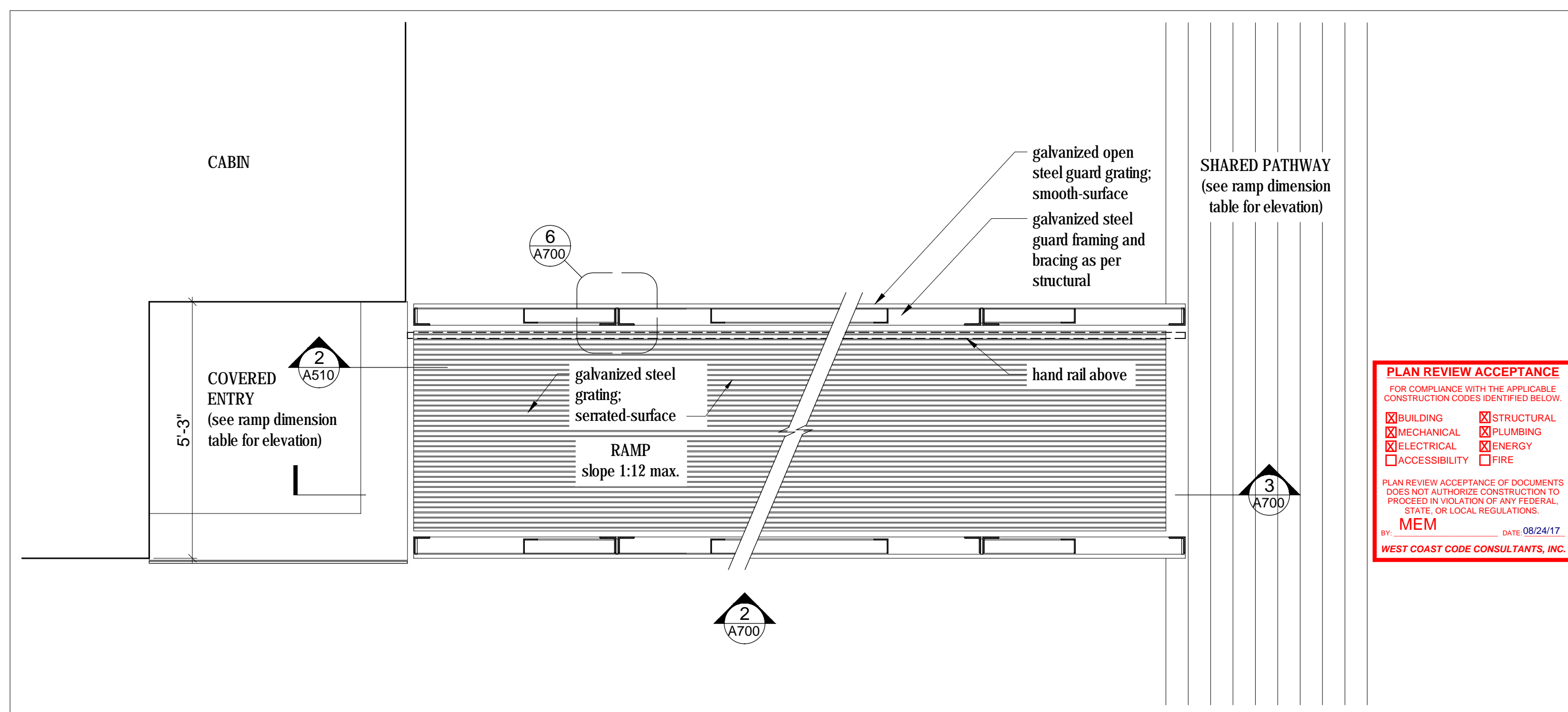
4  
A700  
Section  
Scale 1" = 1'-0"



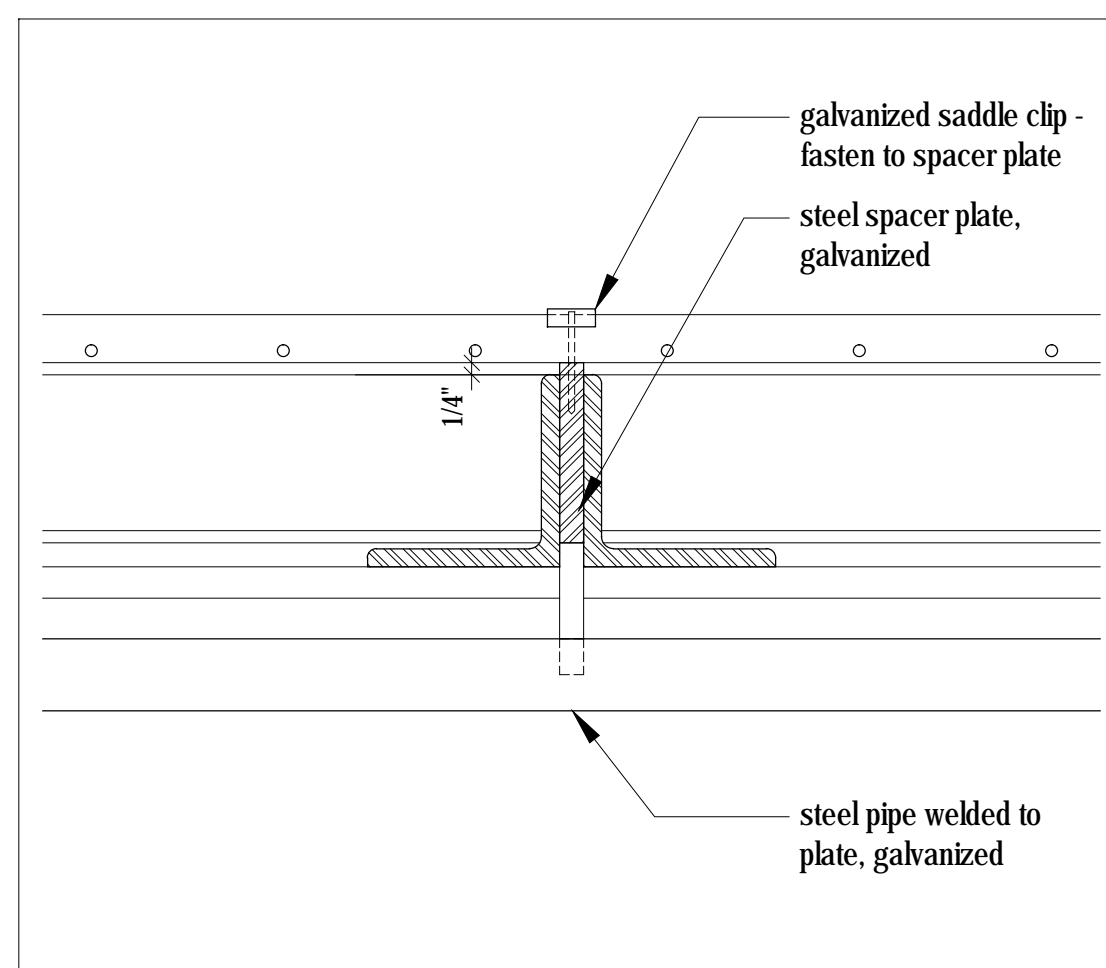
3  
A700  
Section  
Scale 1" = 1'-0"



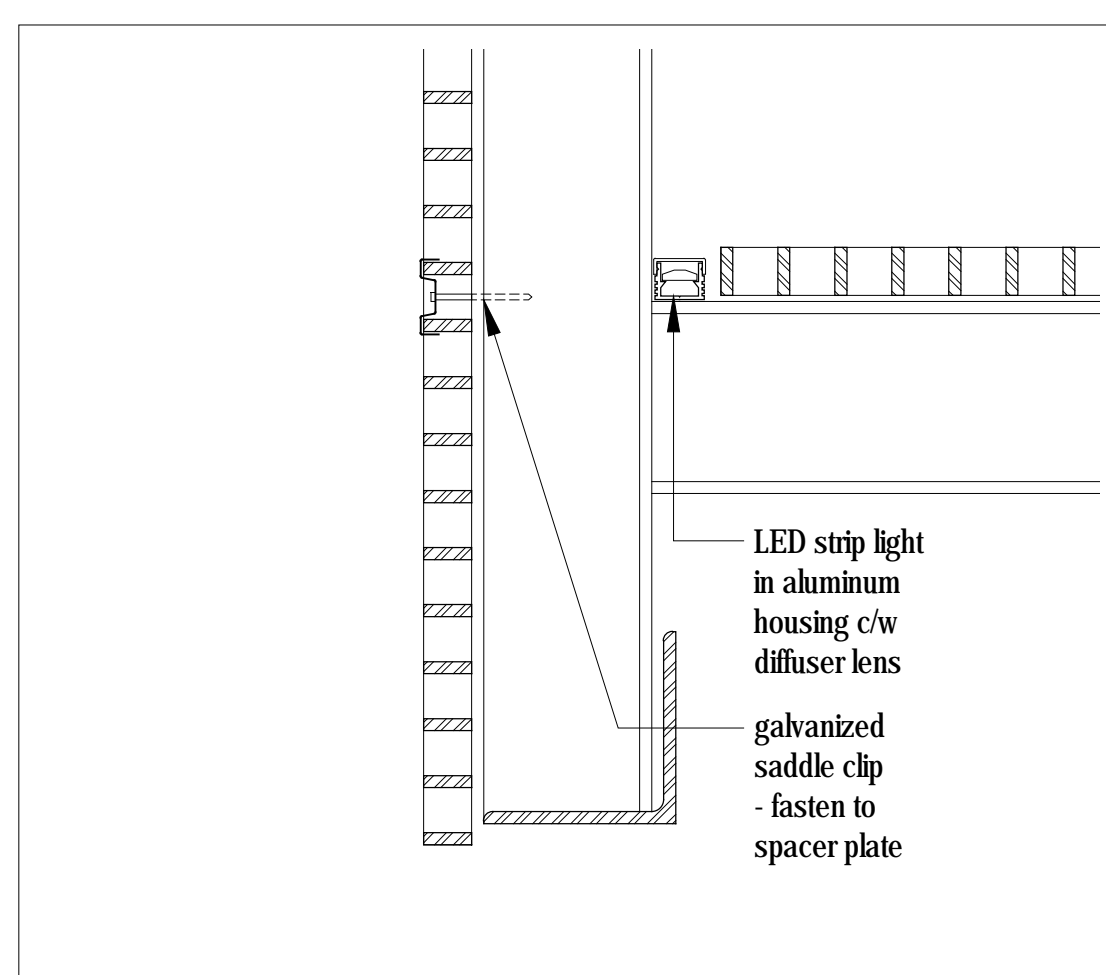
2  
A700  
Partial Elevation @ Ramp  
Scale 1" = 1'-0"



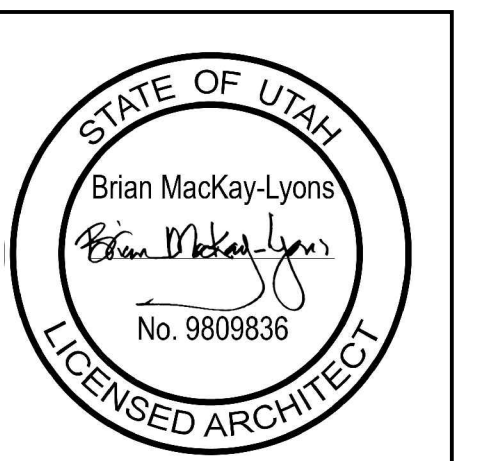
1  
A700  
Partial Plan at Ramp  
Scale 1" = 1'-0"



6  
A700  
Plan Detail  
Scale 1" = 1'-0"



5  
A700  
Section Detail  
Scale 3" = 1'-0"



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01	Issued for Construction	17.03.2017
	Revision:	

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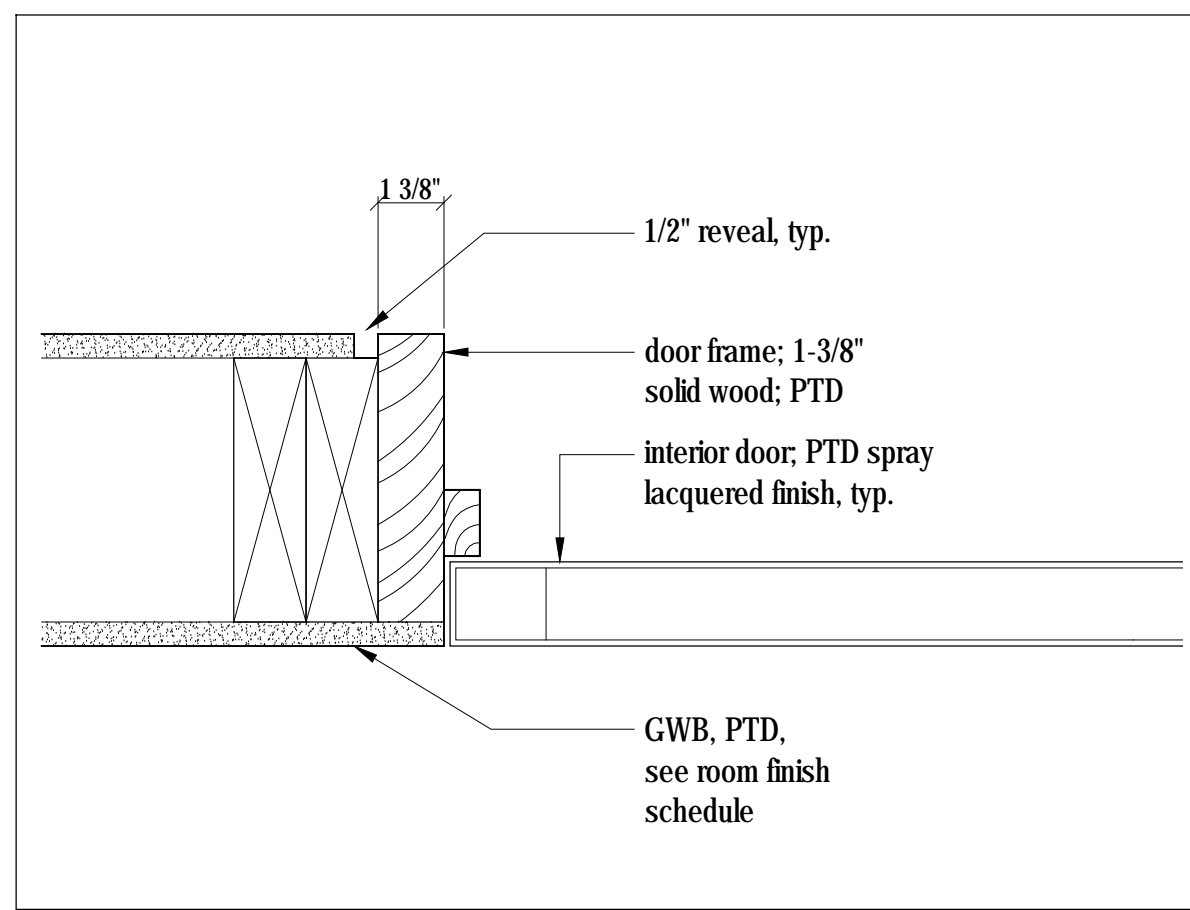
**PLAN REVIEW ACCEPTANCE**

FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:

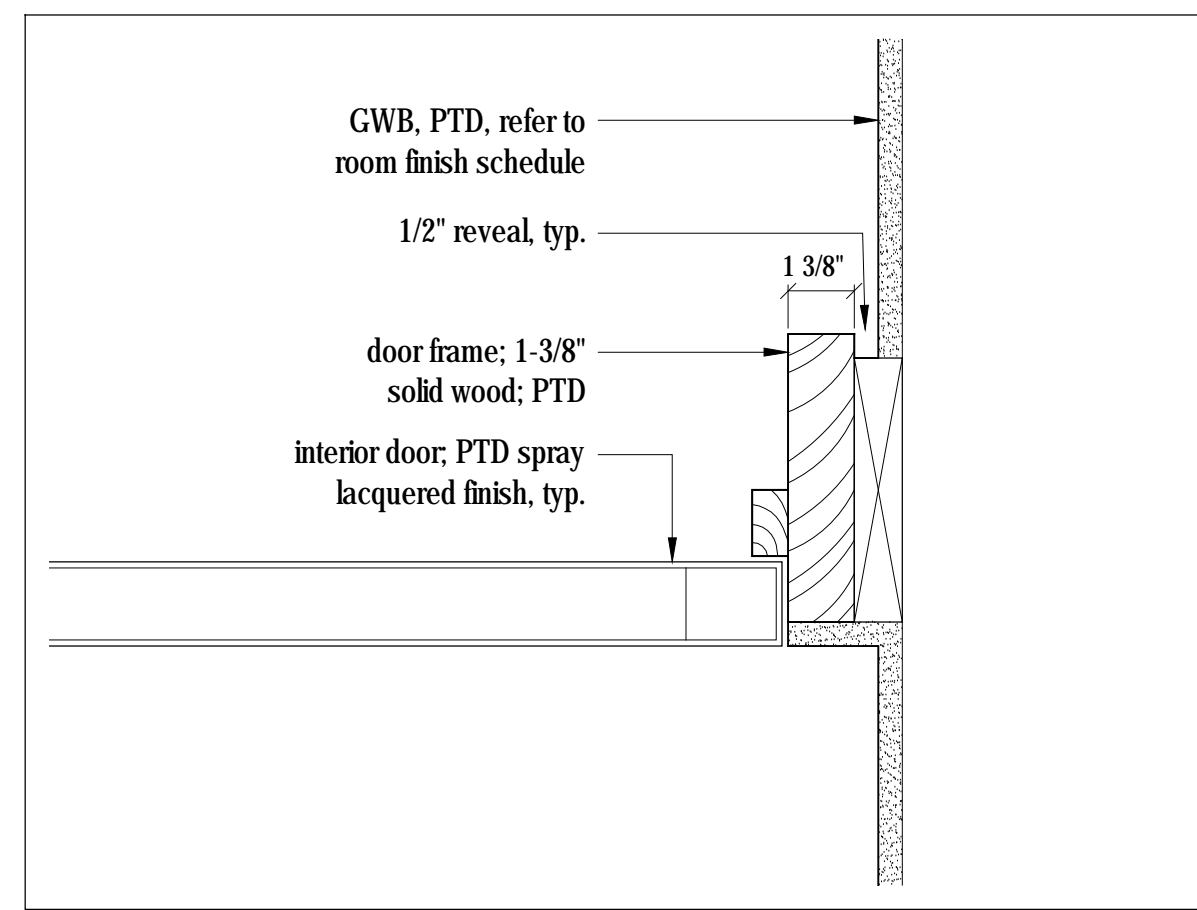
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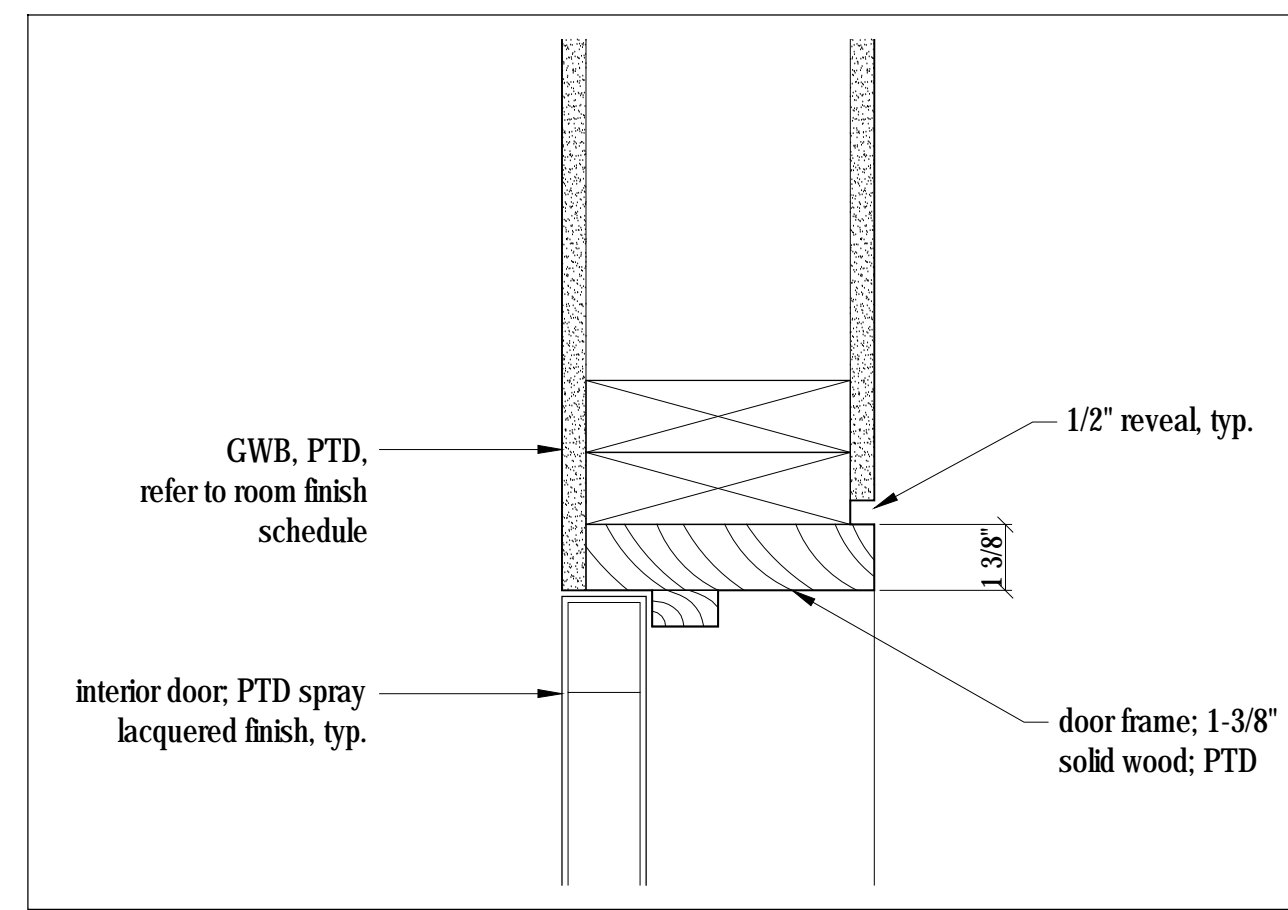
BY: **MEM** DATE: 08/24/17  
WEST COAST CODE CONSULTANTS, INC.



3  
A900  
**Typical Door Frame - Jamb Detail**  
Scale 3" = 1'-0"



2  
A900  
**Typical Door Frame - Jamb Detail**  
Scale 3" = 1'-0"



2  
A900  
**Typical Door Frame - Head Detail**  
Scale 3" = 1'-0"

- NOTES:
1. Curtainwall window frames to be OLDCASTLE RELIANCE - SS series clear anodized aluminum, 0.32 U-factor.
  2. Casement Operators in Curtainwall window frames to be OLDCASTLE ZERO SIGHTLINE SERIES 30P clear anodized aluminum finish, 0.32 U-factor. Outswing operation typical.
  3. Storefront window frames to be OLDCASTLE SERIES 3000 THERMAL MULTIPLANE series clear anodized aluminum finish, 0.32 U-factor. Indicated with grey tone.
  4. Casement Operators in storefront window frames to be OLDCASTLE S-3375, 0.32 U-factor. Outswing operation typical, inswing operation where indicated.
  5. Entrance door to be OLDCASTLE AD-375 THERMAL ENTRANCE series clear anodized aluminum finish, 0.44 U-factor. Outswing.
  6. Sliding Doors to be OLDCASTLE TerraSlide 60E - OX Slider series clear anodized aluminum finish, 0.47 U-factor.
  7. Skylight to be OLDCASTLE BMS-3000 SKYLIGHT series clear anodized aluminum finish, 0.38 U-factor.
  8. All glazed entry doors and sliders to have keyed entry lever and deadbolt. Information to be provided as part of glazing shop drawings and reviewed by architect.
  9. The sizes are rough openings. It is the contractor's responsibility to determine finished frames.
  10. All operable windows to have screens. Review screen type with architect prior to installation.
  11. All inswinging casement operators to be equipped with inswing operable screens.
  12. All window head / sill / jamb flashing to be black anodized aluminum to match windows.
  13. All window head / sill / jamb assembly details to be designed by window manufacturer and approved by the architect.
  14. All operable windows to be outswing unless otherwise noted.
  15. All joints of door cladding to align with joints of wall cladding when doors are in closed position.
  16. All window dimensions in this drawing to be verified in field prior to fabrication.
  17. Provide shop drawings for all windows and doors for review by architect prior to fabrication and installation.
  18. All glazing 18" or less from the finished floor to be tempered, unless otherwise noted.
  19. Refer to floor plans for door swing directions.
  20. TG indicates tempered glazing.
  21. All U-factors shall be determined by testing in accordance with NFRC 100 and labeled as such by the manufacturer, per IECC R402.3.

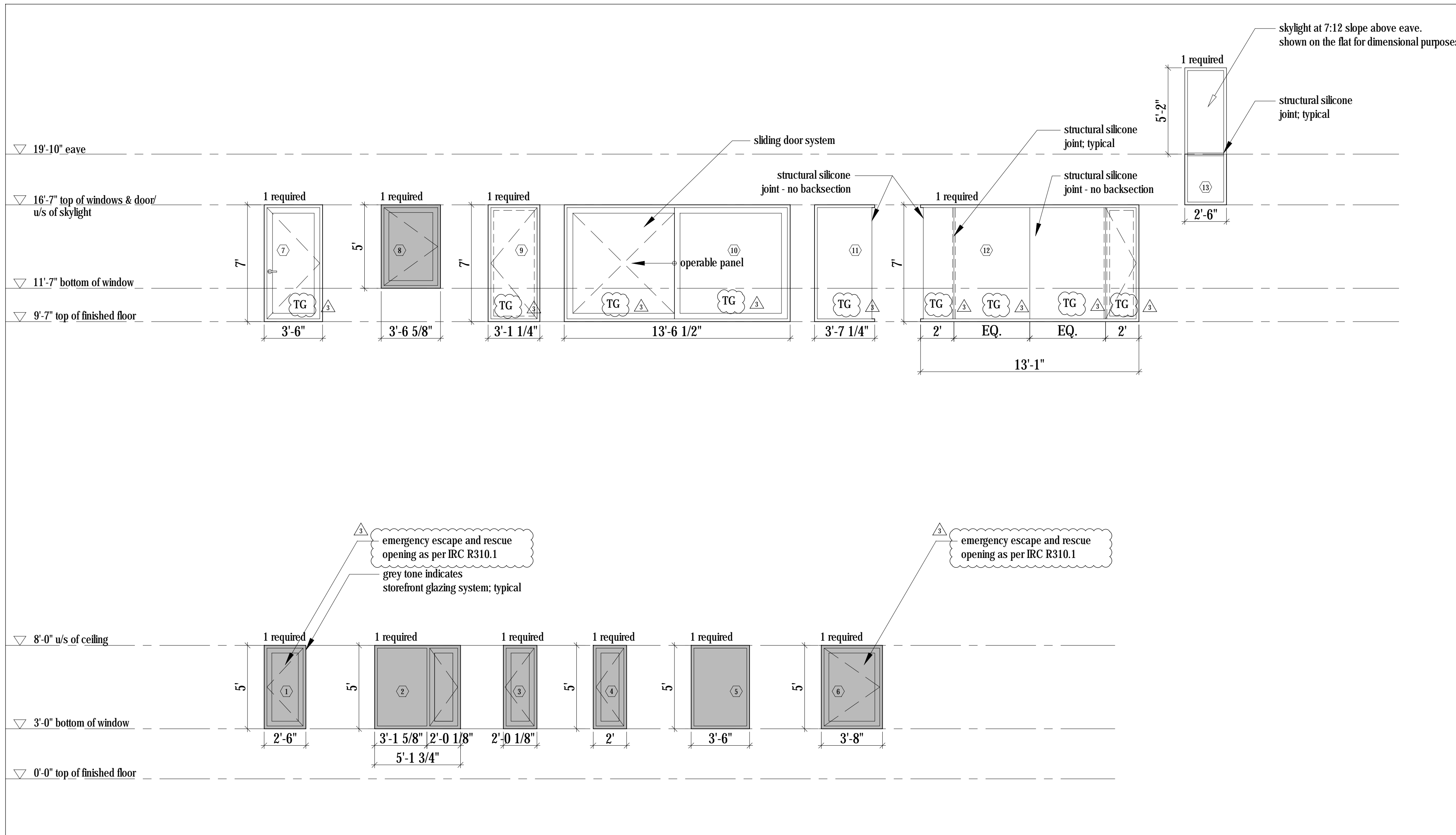
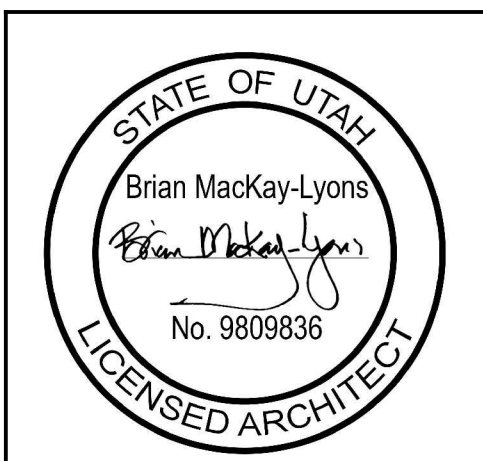
Horizon Neighborhood CABINS

Summit Powder Mountain, Park, Utah

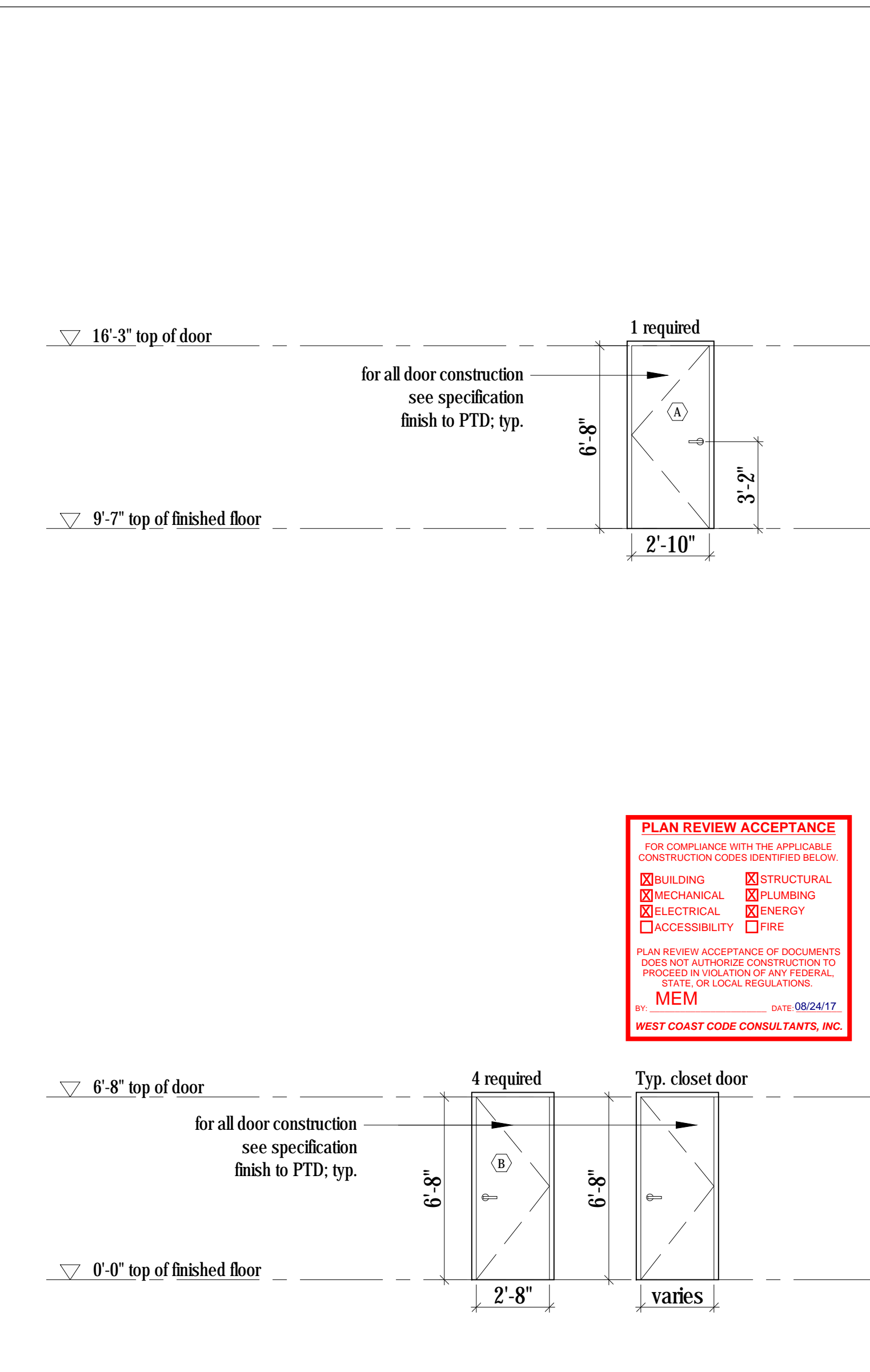
Mackay-Lyons Sweetapple Architects Limited

2188 Göttingen St. Halifax, Nova Scotia Canada B3K 3B4

ph: (902) 429.1867 fax: (902) 429.6276



1  
A900  
**Window and Door Schedule**  
Scale 1/4" = 1'-0"



**PLAN REVIEW ACCEPTANCE**

FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:

BUILDING  STRUCTURAL  
 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE

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BY: MEM DATE: 08/24/17  
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Cabin 1000

Window Door Schedule

scale: noted  
date: 16-06-24  
drawn: MJ  
chk'd: BML

A900



**SPECIAL INSPECTION SCHEDULE**

SOILS (IBC 1705.6)				
REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:
		CONT.	PERIODIC	
X	VERIFY ADEQUATE MATERIALS BELOW FOOTINGS		◆	PRIOR TO PLACEMENT OF CONCRETE.
X	EXCAVATION EXTEND TO PROPER DEPTH AND MATERIALS		◆	PRIOR TO PLACEMENT OF COMPACTED FILL OR CONCRETE.
X	CLASSIFICATION AND TESTING OF FILL MATERIALS		◆	CHECK CLASSIFICATION AND GRADATIONS AT EACH LIFT, BUT NOT LESS THAN ONCE FOR EACH 10,000 FT <sup>2</sup> OF SURFACE AREA.
X	VERIFY PROPER FILL MATERIALS, LIFT THICKNESSES AND IN-PLACE DENSITIES	◆		
X	VERIFY PROPERLY PREPARED SITE AND SUBGRADE		◆	PRIOR TO PLACEMENT OF CONCRETE.

CONCRETE CONSTRUCTION (IBC 1705.3)				
REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:
		CONT.	PERIODIC	
X	REINFORCING STEEL PLACEMENT		◆	VERIFY SIZE, CLEARANCES, SPLICES AND PROPER TIES.
X	REINFORCING BAR WELDING a. WELDABILITY OF NON ASTM A706 BARS b. SINGLE PASS FILLED WELDS < 3/8" c. ALL OTHER WELDS	◆	◆	
X	CAST IN ANCHORS		◆	VERIFY MIX DESIGN MEETS STRENGTH AND EXPOSURE REQUIREMENTS LISTED ON APPROVED PLANS.
X	POST-INSTALLED ANCHORS a. ADHESIVE ANCHORS INSTALLED HORIZONTALLY OR UPWARDLY INCLINED RESISTING SUSTAINED TENSION LOADS b. POST INSTALLED ANCHORS NOT DEFINED IN a.	◆	◆	IN ACCORDANCE WITH APPROVED ICC-ES REPORT. PERIODIC INSPECTIONS ALLOWED IF STATED IN ES REPORT.
X	VERIFY REQUIRED DESIGN MIX		◆	VERIFY MIX DESIGN MEETS STRENGTH AND EXPOSURE REQUIREMENTS LISTED ON APPROVED PLANS.
X	SLUMP, AIR + TEMPERATURE TESTS. PREPARE STRENGTH TEST SAMPLES	◆		
X	CONCRETE PLACEMENT	◆		INCLUDES SAMPLING FOR AIR, SLUMP, STRENGTH AND TEMPERATURE TECHNIQUES.
X	CURING TEMPERATURE MAINTENANCE		◆	
	PRESTRESSED CONCRETE a. PRESTRESSING FORCES b. GROUTING OF BONDED TENDONS	◆	◆	
	ERECTION OF PRECAST MEMBERS		◆	
	POST-TENSIONED CONCRETE STRENGTH		◆	
X	INSPECT FORMWORK		◆	

COLD-FORMED STEEL CONSTRUCTION (IBC 1705.11.2 & 1705.12.3)				
REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:
		CONT.	PERIODIC	
	COMPONENTS OF WIND AND SEISMIC-FORCE RESISTING SYSTEMS		◆	VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR WALLS, BRACES AND HOLDOWNS HAVING A FASTENER SPACING ≤ 4' O.C.
	FIELD WELDING OF ELEMENTS OF MAIN LATERAL FORCE RESISTING SYSTEM.		◆	

OTHER THAN STRUCTURAL STEEL (IBC 1705.2.2)				
REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:
		CONT.	PERIODIC	
	STEEL ROOF & FLOOR DECK:			
	MATERIAL VERIFICATION OF STEEL DECK		◆	IDENTIFICATION MARKINGS PER APPLICABLE ASTM STANDARD
	ROOF AND DECK WELDS		◆	VERIFY THAT WELDS CONFORM TO AWS D1.3.
	WELDING OF REINFORCING STEEL:			
	VERIFICATION OF WELDABILITY (EXCEPT A706 BAR)		◆	VERIFY MATERIAL IS ABLE TO CONFORM TO AWS D1.4.

INSTALLATION OF OPEN-WEB STEEL JOISTS AND GIRDERS (IBC 1705.2.3)				
REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:
		CONT.	PERIODIC	
	END CONNECTIONS		◆	SJI 2207.1
	BRIDGING - HORIZONTAL OR DIAGONAL a. STANDARD BRIDGING b. NON-STANDARD BRIDGING		◆	SJI 2207.1

**MASONRY CONSTRUCTION (IBC 1705.4)**

REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:
		CONT.	PERIODIC	
	MINIMUM TESTING (TABLE 1.19.2, TMS - 402/ACI 530-11):			
	VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) FOR SELF-CONSOLIDATING GROUT.		◆	COMPRESSIVE STRENGTH TESTS PER ASTM C 1019 FOR SLUMP FLOW AND ASTM C 1611 FOR VSI.
	VERIFICATION OF F <sub>m</sub>		◆	DETERMINE COMPRESSIVE STRENGTH PER "UNIT STRENGTH" OR "PRISM TEST" AS SPECIFIED IN ARTICLE 1.4.B OF ACI 530.1 PRIOR TO CONSTRUCTION.
	PRIOR TO CONSTRUCTION (ARTICLE 1.15, TMS-602/ACI 530.1-11):			
	REVIEW MATERIAL CERTIFICATES, MIX DESIGNS, TEST RESULTS AND CONSTRUCTION PROCEDURES		◆	VERIFY MATERIALS CONFORM TO APPROVED CONSTRUCTION DOCUMENTS, MIX DESIGN, TEST RESULTS, MATERIAL CERTIFICATES, AND CONSTRUCTION PROCEDURES SHOULD BE SUBMITTED FOR REVIEW. MORTAR MIX DESIGNS SHALL CONFORM TO ASTM C 270 WHILE GROUT SHALL CONFORM TO ASTM C 476. MATERIAL CERTIFICATES SHALL BE PROVIDED FOR THE FOLLOWING: REINFORCEMENT, ANCHORS, TIES, FASTENERS, AND METAL ACCESSORIES; MASONRY UNITS; MORTAR AND GROUT MATERIALS. REVIEW COLD-WEATHER OR HOT-WEATHER CONSTRUCTION PROCEDURES.
	AS CONSTRUCTION BEGINS (TABLE 1.19.2, TMS-402/ACI 530-11):			
	PROPORTIONS OF SITE-PREPARED MORTAR		◆	VERIFY THAT MORTAR IS TYPE AND COLOR SPECIFIED ON APPROVED PLANS, IT CONFORMS TO ASTM C 270, AND IS MIXED PER ARTICLE 2.6.A OF ACI 530.1.
	CONSTRUCTION OF MORTAR JOINTS		◆	VERIFY MORTAR JOINTS MEET ARTICLE 3.3.B OF ACI 530.1
	GRADE AND SIZE OF PRE-STRESSING TENDONS AND ANCHORAGES		◆	VERIFY THAT PRE-STRESSING TENDONS CONFORM TO REQUIREMENTS OF ARTICLE 2.4.B AND 2.4.H OF ACI 530.1
	LOCATION OF REINFORCEMENT, CONNECTORS AND ANCHORAGES.		◆	VERIFY REINFORCEMENT IS PLACED IN ACCORDANCE WITH ARTICLE 3.4 OF 530.1.
	PRE-STRESSING TECHNIQUE		◆	VERIFY PRE-STRESSING TECHNIQUE CONFORMS TO ARTICLE 3.6.B OR ACI 530.1
	PROPERTIES OF THIN BED MORTAR FOR AAC MASONRY	◆	◆	VERIFY REINFORCEMENT IS PLACED IN ACCORDANCE WITH ARTICLE 3.4 OF 530.1.
	PRIOR TO GROUTING (TABLE 1.19.2, TMS-402/ACI 530-11):			
	GROUT SPACE		◆	VERIFY GROUT SPACE IS FREE OF MORTAR DROPPINGS, DEBRIS, LOOSE AGGREGATE, AND OTHER DELETERIOUS MATERIALS AND THAT CLEANOUTS ARE PROVIDED PER ARTICLE 3.2.D AND 3.2.F OF ACI 530.1
	GRADE, TYPE AND SIZE OF REINFORCEMENT, ANCHOR BOLTS AND ANCHORAGES.		◆	VERIFY REINFORCEMENT, JOINT REINFORCEMENT, ANCHOR BOLTS AND VENEER ANCHORS COMPLY WITH APPROVED PLANS AND SECTIONS 1.6 OF ACI 530.
	PLACEMENT OF REINFORCEMENT, CONNECTORS AND ANCHORAGES.		◆	VERIFY REINFORCEMENT, JOINT REINFORCEMENT, ANCHOR BOLTS AND VENEER ANCHORS ARE INSTALLED PER APPROVED PLANS AND ARTICLES 3.2.E, 3.4, AND 3.6.A OF ACI 530.1.
	PROPORTIONS OF SITE-PREPARED GROUT.		◆	VERIFY GROUT PROPORTIONS MEET ASTM C 476 AND A SLUMP BETWEEN 8-11 INCHES. SELF-CONSOLIDATED GROUT SHALL NOT BE PROPORTIONED ONSITE.
	CONSTRUCTION OF MORTAR JOINTS		◆	VERIFY MORTAR JOINTS PLACED IN ACCORDANCE WITH ARTICLE 3.3.B OF ACI 530.1.
	DURING CONSTRUCTION (TABLE 1.19.2, TMS-402/ACI 530-11):			
	SIZE AND LOCATION OF STRUCTURAL ELEMENTS		◆	VERIFY LOCATIONS OF STRUCTURAL ELEMENTS PER APPROVED PLANS AND CONFIRM TOLERANCES MEET ARTICLE 3.3.F OF ACI 530.1.
	TYPE, SIZE AND LOCATION OF ANCHORS, FRAMES, ETC.		◆	VERIFY CORRECT ANCHORAGES AND CONNECTIONS ARE PROVIDED PER APPROVED PLANS AND SECTIONS 1.16.4.3 AND 1.17.1 OF ACI 530.
	WELDING OF REINFORCEMENT		◆	VERIFY CONFORMANCE WITH SECTIONS 2.1.7.7.2, 3.3.3.4 (c) AND 8.3.3.4 (b) OF ACI 530
	APPLICATION AND MEASUREMENT OF PRE-STRESSING FORCE		◆	VERIFY CONFORMANCE WITH ARTICLE 3.6.B OF ACI 530.1
	PLACEMENT OF GROUT		◆	
	PREPARATION, CONSTRUCTION AND PROTECTION OF MASONRY DURING COLD WEATHER (< 40°F) OR HOT WEATHER (> 90°F).		◆	VERIFY COLD-WEATHER CONSTRUCTION COMPLIES WITH ARTICLE 1.8.C OF ACI 530.1 AND HOT WEATHER CONSTRUCTION PER ARTICLE 1.8.D OF ACI 530.1.
	PLACEMENT OF GROUT AND PRE-STRESSING GROUT FOR BONDED TENDONS		◆	VERIFY COMPLIANCE WITH ARTICLE 3.5, 3.6.C OF ACI 530.1
	OBSERVATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND / OR PRISMS.		◆	CONFIRM SPECIMENS/ PRISMS ARE PERFORMED AS REQUIRED BY ARTICLE 1.4 OF ACI 530.1.

**WOOD CONSTRUCTION (IBC 1705.11.2)**

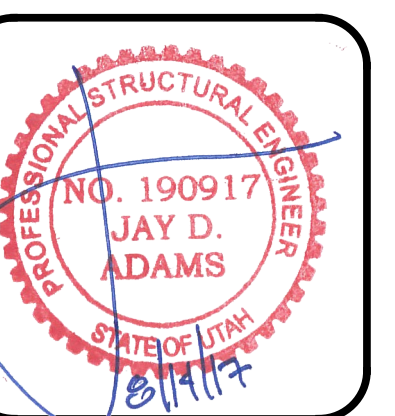
REQ'D	TASK	INSPECTION FREQUENCY		COMMENTS:
		CONT.	PERIODIC	
X	COMPONENTS OF WIND AND SEISMIC-FORCE RESISTING SYSTEMS		◆	VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR WALLS, BRACES AND HOLDOWNS HAVING A FASTENER SPACING ≤ 4' O.C.
	FIELD GLUING OF MAIN LATERAL FORCE RESISTING SYSTEM		◆	

**STATEMENT OF SPECIAL INSPECTIONS**

1. THE PROJECT OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED BELOW. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION. THESE INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS REQUIRED BY THE BUILDING DEPARTMENT OF THE LOCAL JURISDICTION.
  2. SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE WITH APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT A PHASE OF THE WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED AT A POINT IN TIME AGREED UPON BY THE PERMIT APPLICANT AND THE BUILDING OFFICIAL PRIOR TO THE START OF WORK.
  3. SPECIAL INSPECTIONS FOR EACH TASK SHALL BE CARRIED OUT IN COMPLIANCE WITH REQUIREMENTS PER THE CURRENT IBC AND OTHER MATERIAL STANDARDS.
- FABRICATION SHOP REQUIREMENTS
4. WHERE FABRICATION OF STRUCTURAL LOAD BEARING MEMBERS AND ASSEMBLIES IS BEING PERFORMED ON THE PREMISES OF A FABRICATORS SHOP, SPECIAL INSPECTIONS REQUIRED BELOW SHALL BE PROVIDED IN THE SHOP DURING THE FABRICATION PROCESS. THIS REQUIREMENT MAY BE EXCEPTED IF THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. A CERTIFICATE SHALL BE REQUIRED TO VERIFY SUCH APPROVAL. AT COMPLETION OF THE FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DRAWINGS.



Structural Plans for:  
**POWDER MOUNTAIN CABIN 1000**



DESIGNED BY: J.D.A.  
CHECKED BY: J.D.A.  
SCALE:  
DATE: JULY 21, 2017  
JOB No. 17-088

**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

BUILDING     STRUCTURAL  
 MECHANICAL     PLUMBING  
 ELECTRICAL     ENERGY  
 ACCESSIBILITY     FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
BY: MEM DATE: 08/24/17  
WEST COAST CODE CONSULTANTS, INC.

**SPECIAL INSPECTIONS**

SHEET No.  
**S0.2**



STRUCTURAL STEEL CONSTRUCTION (IBC 1705.2, 1705.11, 1705.12)				
REQ'D	TASK	INSPECTION TYPE		COMMENTS:
		Q.C.	Q.A.	
<b>PRIOR TO WELDING (TABLE N5.4-1, AISC 360-10):</b>				
X	VERIFY WELDING PROCEDURES	P	P	
X	MANUFACTURER CERTIFICATIONS	P	P	
X	MATERIAL IDENTIFICATION	O	O	VERIFY TYPE AND GRADE OF MATERIAL.
X	WELDER IDENTIFICATION	O	O	VERIFY THERE IS A SYSTEM IN PLACE TO IDENTIFY THE WELDER WHO HAS WELDED A JOINT OR MEMBER.
	FIT-UP GROOVE WELDS	O	O	VERIFY JOINT PREPARATION, DIMENSIONS, CLEANLINESS, TACKING AND BACKING.
	ACCESS HOLES	O	O	VERIFY CONFIGURATION AND FINISH.
	FIT-UP FILLET WELDS	O	O	VERIFY ALIGNMENT, GAPS AT ROOT, CLEANLINESS OF STEEL SURFACES, TACK WELD QUALITY AND LOCATION.
X	CHECK WELDING EQUIPMENT	O	O	
<b>DURING WELDING (TABLE N5.4-2, AISC 360-10):</b>				
X	USE OF QUALIFIED WELDERS	O	O	VERIFY THAT WELDERS ARE APPROPRIATELY QUALIFIED.
X	CONTROL AND HANDLING OF WELDING CONSUMABLES	O	O	VERIFY PACKAGING AND EXPOSURE CONTROL.
X	CRACKED TACK WELDS	O	O	VERIFY WELDING IS NOT OVER A CRACKED TACK WELD.
X	ENVIRONMENTAL CONDITIONS	O	O	VERIFY WIND SPEED IS WITHIN LIMITS AS WELL AS PRECIPITATION AND TEMPERATURE.
X	WPS FOLLOWED	O	O	VERIFY ITEMS SUCH AS WELDING EQUIPMENT SETTINGS, TRAVEL SPEED, WELDING MATERIALS, SHIELDING GAS TYPE/FLOW RATE, PREHEAT APPLIED, INTERPASS TEMPERATURE MAINTAINED, AND PROPER POSITION.
X	WELDING TECHNIQUES	O	O	VERIFY INTERPASS AND FINAL CLEANING, EACH PASS IS WITHIN PROFILE LIMITATIONS, AND QUALITY OF EACH PASS.
<b>AFTER WELDING (TABLE N5.4-3, AISC 360-10):</b>				
X	WELDS CLEANED	O	O	VERIFY THAT WELDS HAVE BEEN PROPERLY CLEANED.
X	SIZE, LENGTH AND LOCATION OF WELDS	P	P	
X	WELDS MEET VISUAL ACCEPTANCE CRITERIA	P	P	
	ARC STRIKES	P	P	
<b>PRIOR TO BOLTING (TABLE N5.6-1 AISC 360-10):</b>				
X	MANUFACTURERS CERTIFICATIONS FOR FASTENERS	O	P	
X	FASTENERS MARKED w/ ASTM REQUIREMENTS	O	O	
X	PROPER FASTENERS SELECTED FOR DETAIL	O	O	
X	PROPER PROCEDURE FOR DETAIL	O	O	
X	CONNECTING ELEMENTS	O	O	
X	PRE-INSTALLATION VERIFICATION TESTING	P	O	
X	PROPER STORAGE OF FASTENERS	O	O	
<b>DURING BOLTING (TABLE N5.6-2 AISC 360-10):</b>				
X	FASTENER ASSEMBLIES	O	O	
X	JOINTS SNUG TIGHT PRIOR TO PRETENSIONING	O	O	
X	PROPER WRENCH USAGE	O	O	
X	FASTENERS PRETENSIONED	O	O	
<b>AFTER BOLTING (TABLE N5.6-3, AISC 360-10):</b>				
X	STRUCTURAL STEEL DETAILS	P	P	

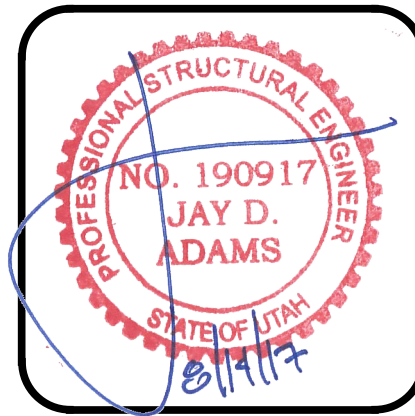
O- OBSERVE THESE ITEMS ON A RANDOM BASIS.

P- PERFORM THESE TASKS FOR EACH WELDED / BOLTED JOINT OR MEMBER (AISC 360-10 N5.4)

<b>PLAN REVIEW ACCEPTANCE</b>	
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.	
<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
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BY: MEM	DATE: 08/24/17
WEST COAST CODE CONSULTANTS, INC.	



Structural Plans for:  
**POWDER MOUNTAIN CABIN 1000**

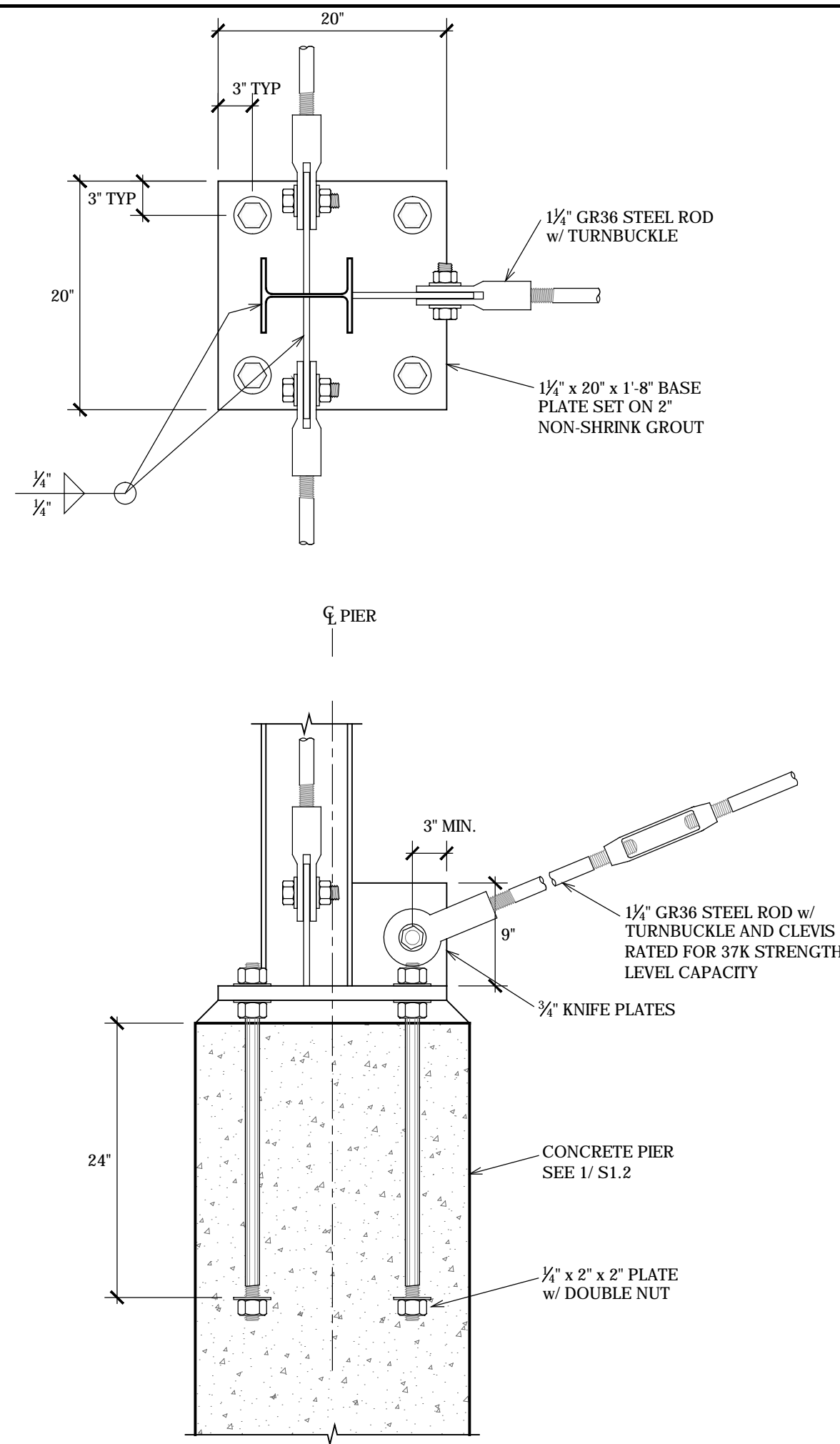


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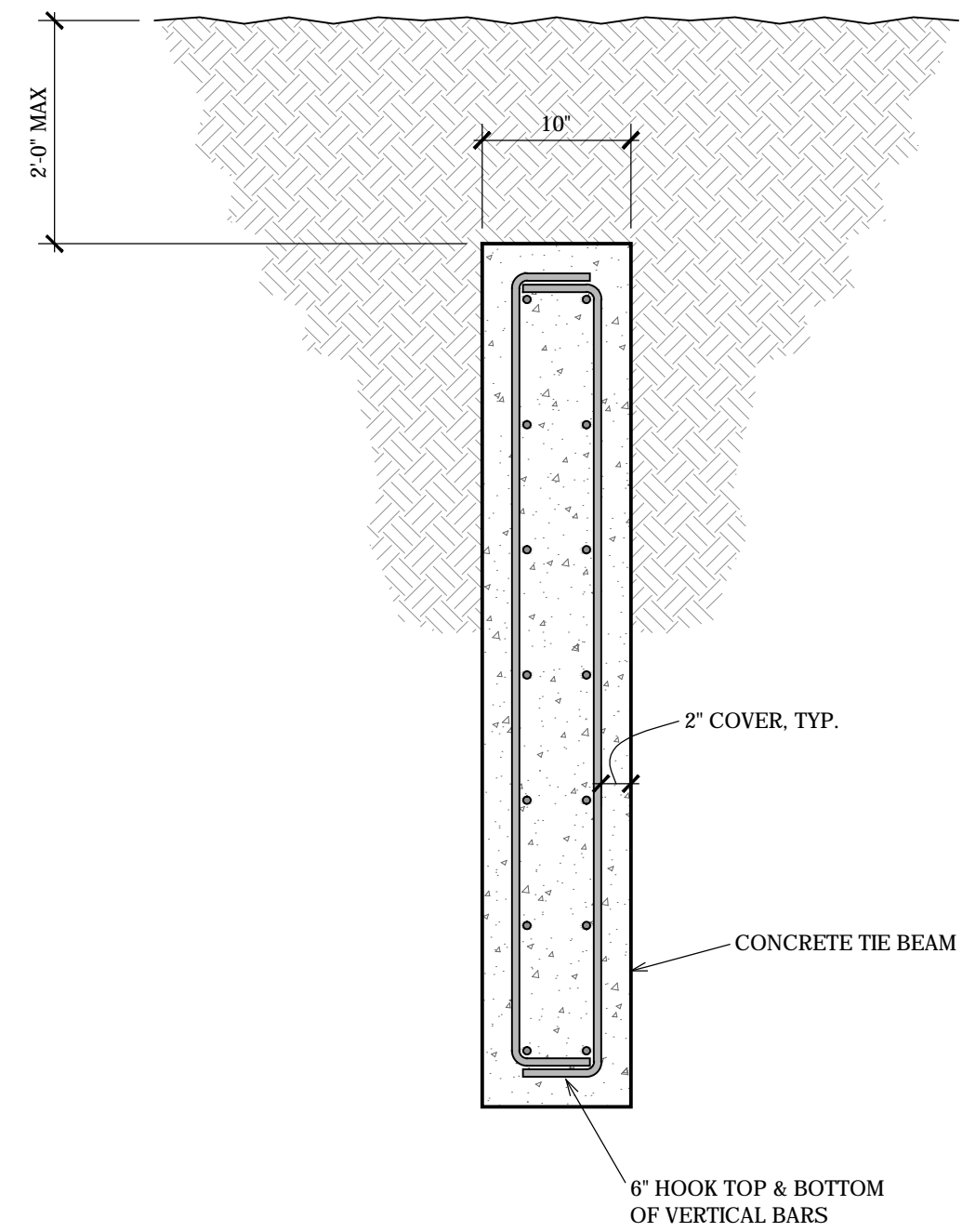
**SPECIAL INSPECTIONS**

SHEET No.  
**S0.3**

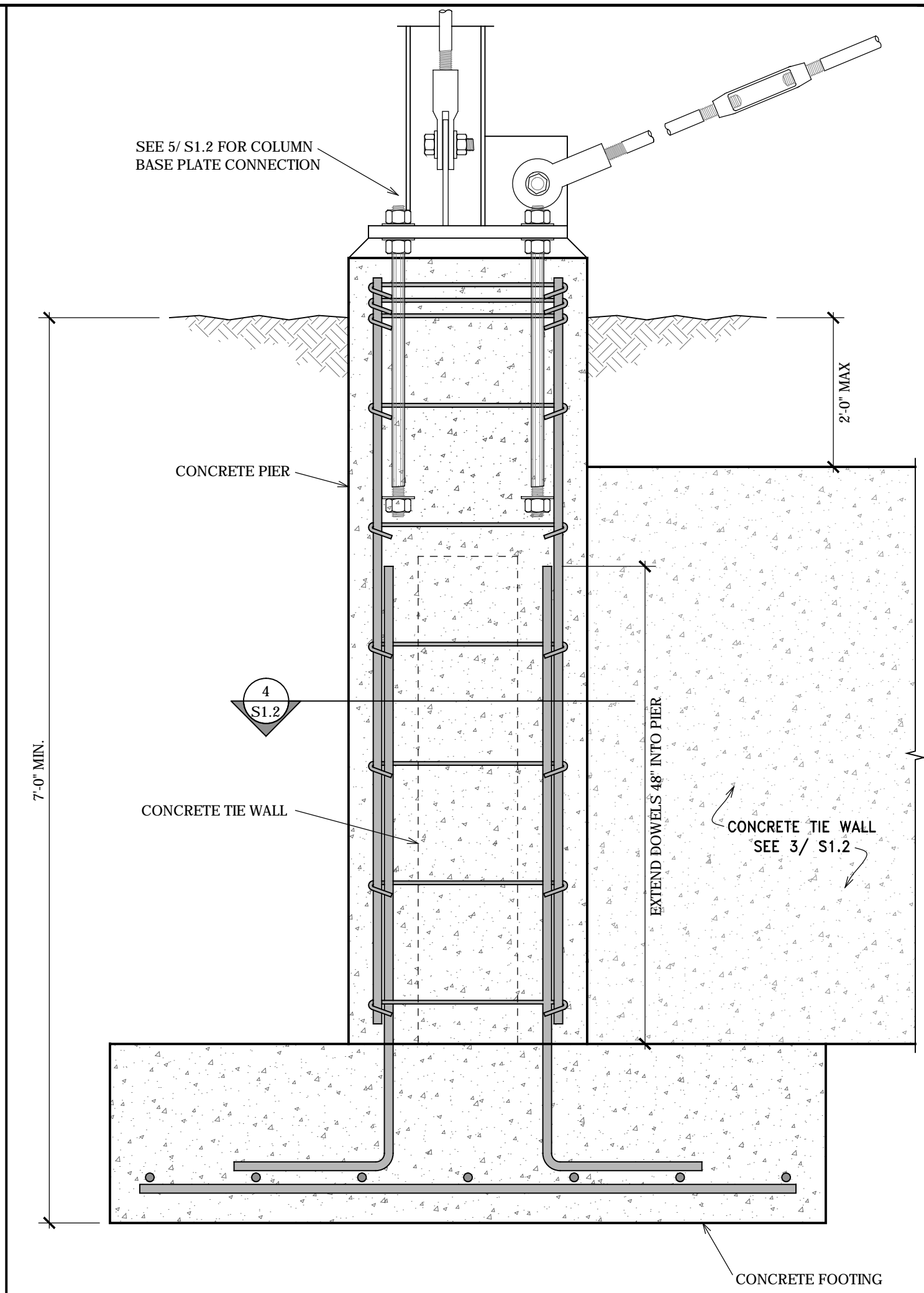




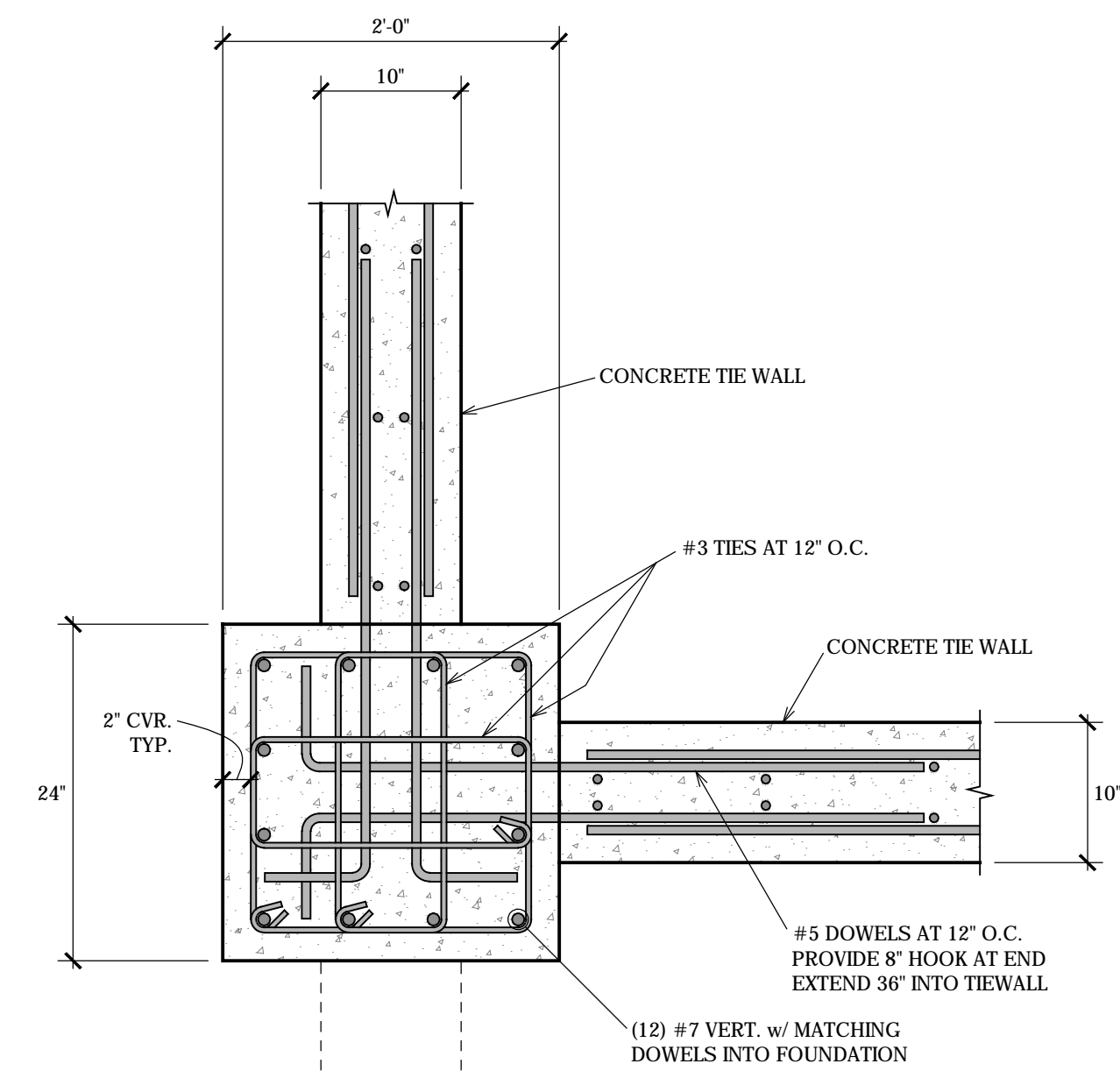
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S1.2 NO SCALE



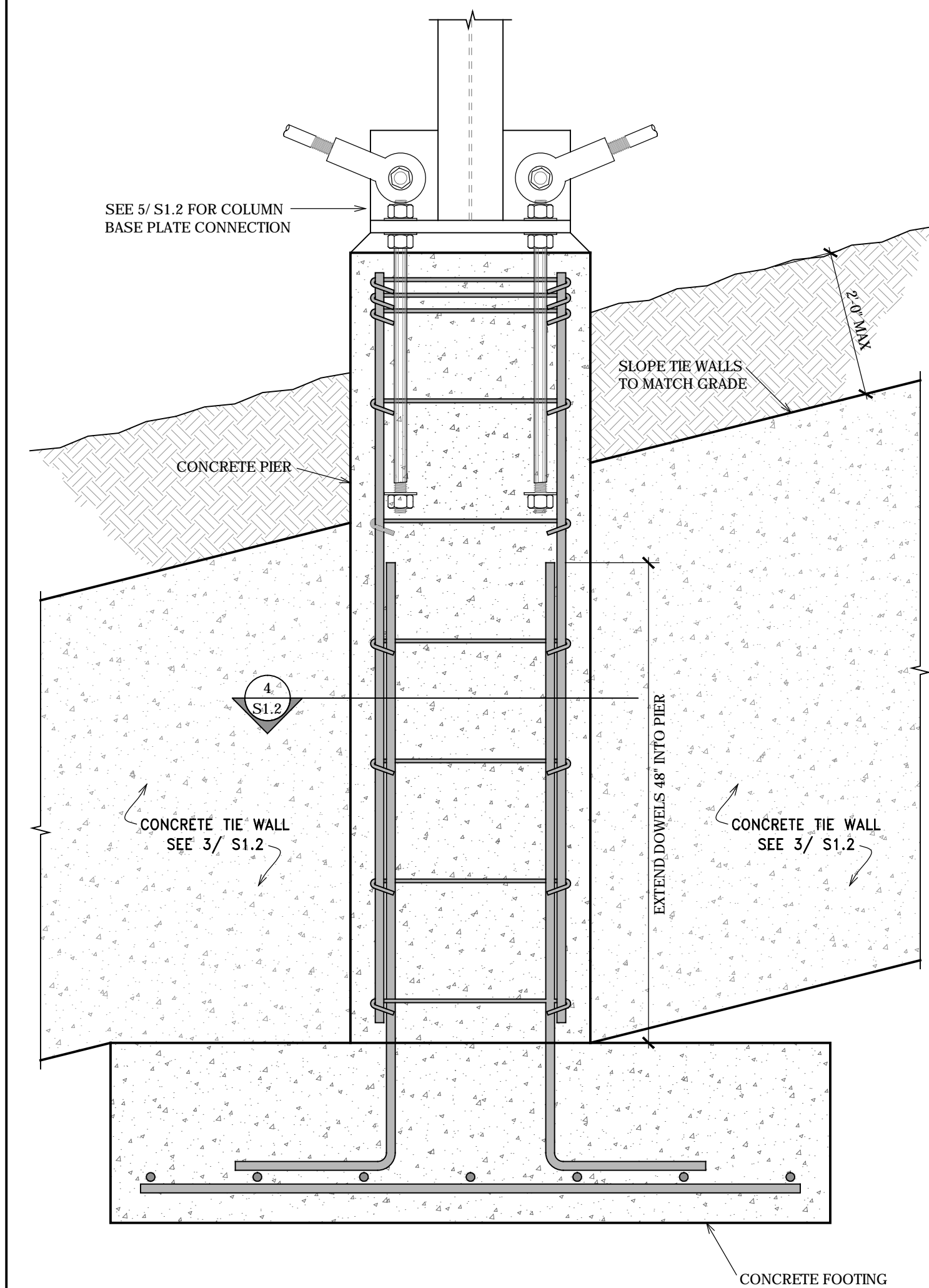
7 CONSTRUCTION DETAIL  
S1.2 NO SCALE



1 CONSTRUCTION DETAIL  
S1.2 NO SCALE



4 CONSTRUCTION DETAIL  
S1.2 NO SCALE

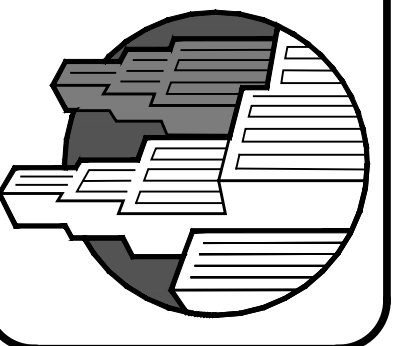


2 CONSTRUCTION DETAIL  
S1.2 NO SCALE

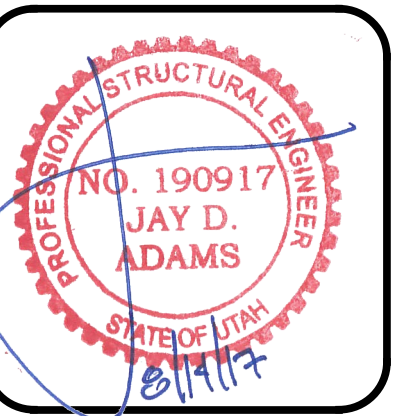
**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

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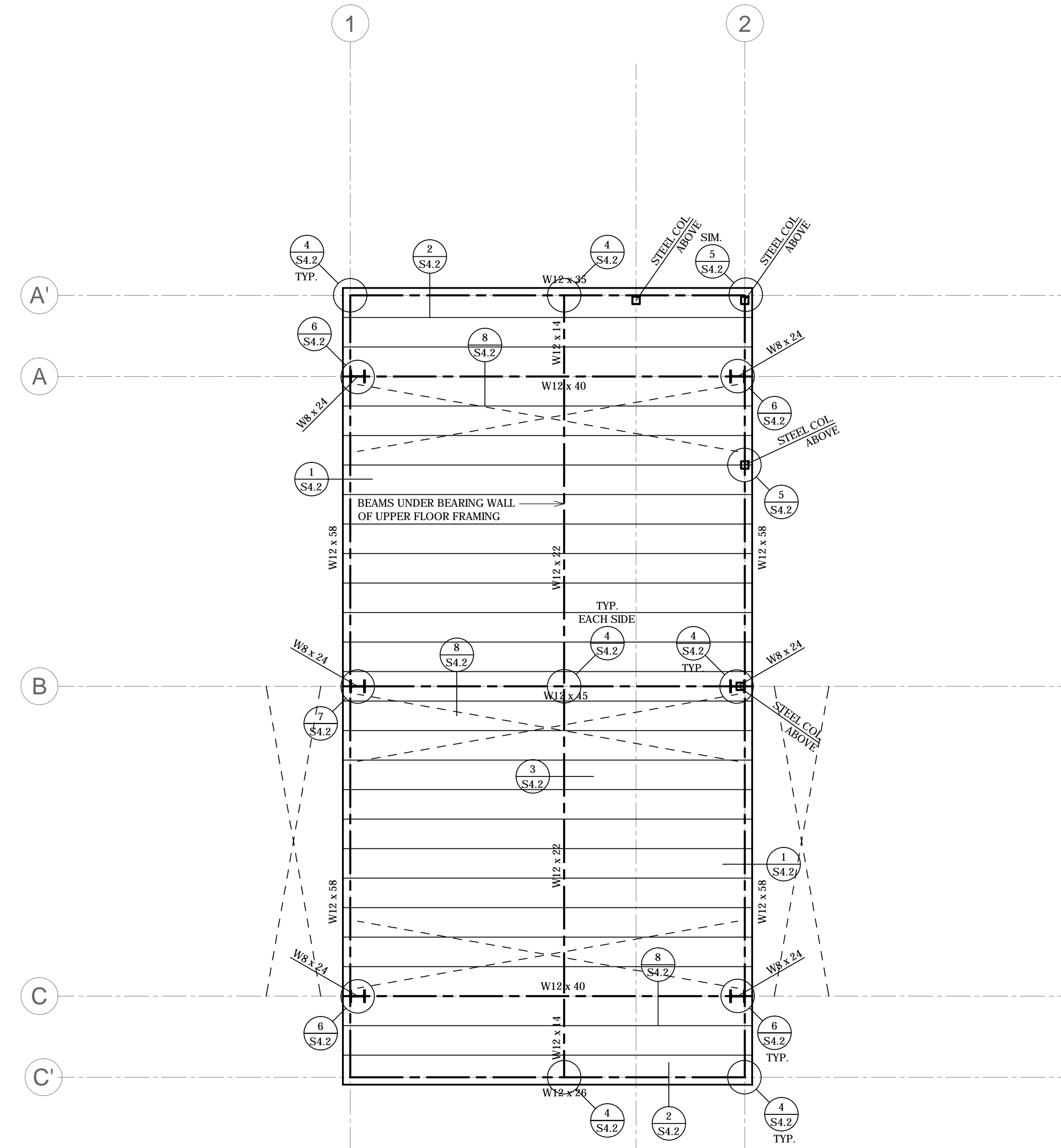
Structural Plans for:  
**POWDER MOUNTAIN CABIN 1000**



DESIGNED BY: J.D.A.  
CHECKED BY: J.D.A.  
SCALE: AS SHOWN  
DATE: JULY 21, 2017  
JOB No. 17-088

CONSTRUCTION DETAILS

SHEET No.  
**S1.2**



**MAIN FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

**FLOOR FRAMING NOTES**

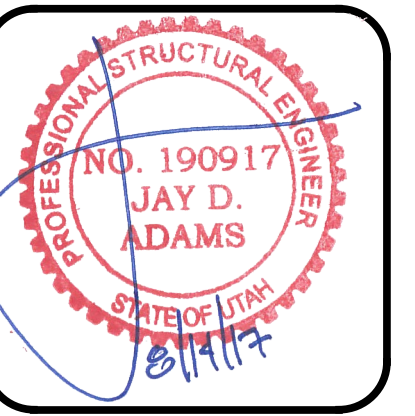
- ① FRAME FLOOR w/ 9" TJU210 AT 16" O.C. PROVIDE 3" CONCRETE TOPPING ON FLOOR WHERE INDICATED IN ARCH. PLANS
- ② SEE FRAMING NOTES ON S0.1 FOR FLOOR SHEATHING SPECIFICATIONS
- ③ REPRESENTS 1/2" ROD CROSS BRACING BETWEEN FOUNDATION AND MAIN LEVEL FRAMING

**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

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<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

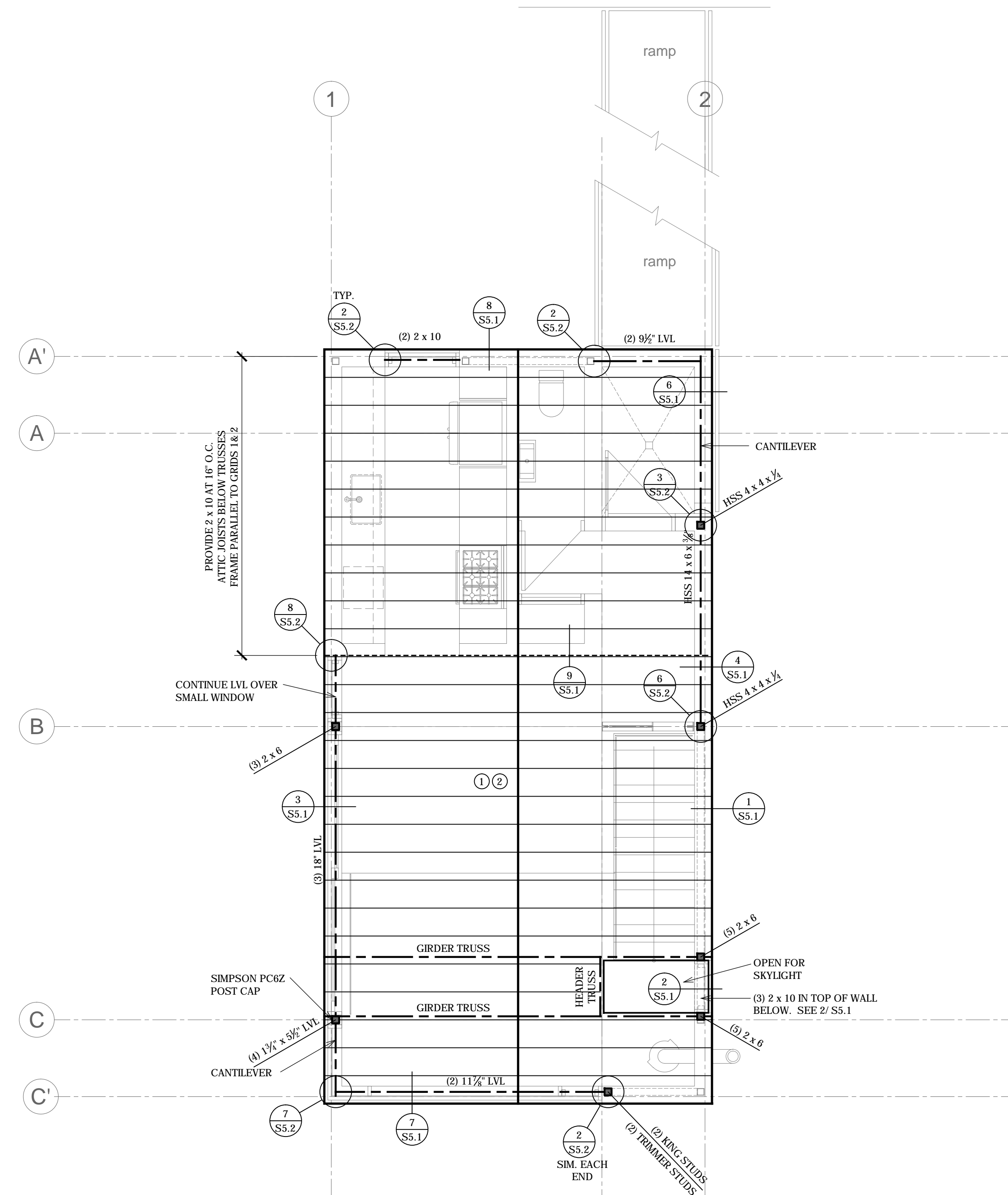
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Structural Plans for:  
**POWDER MOUNTAIN CABIN 1000**



DESIGNED BY: J.D.A.  
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SCALE: 1/4" = 1'-0"  
DATE: JULY 21, 2017  
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**MAIN FLOOR FRAMING PLAN**  
SHEET No.  
**S2.1**

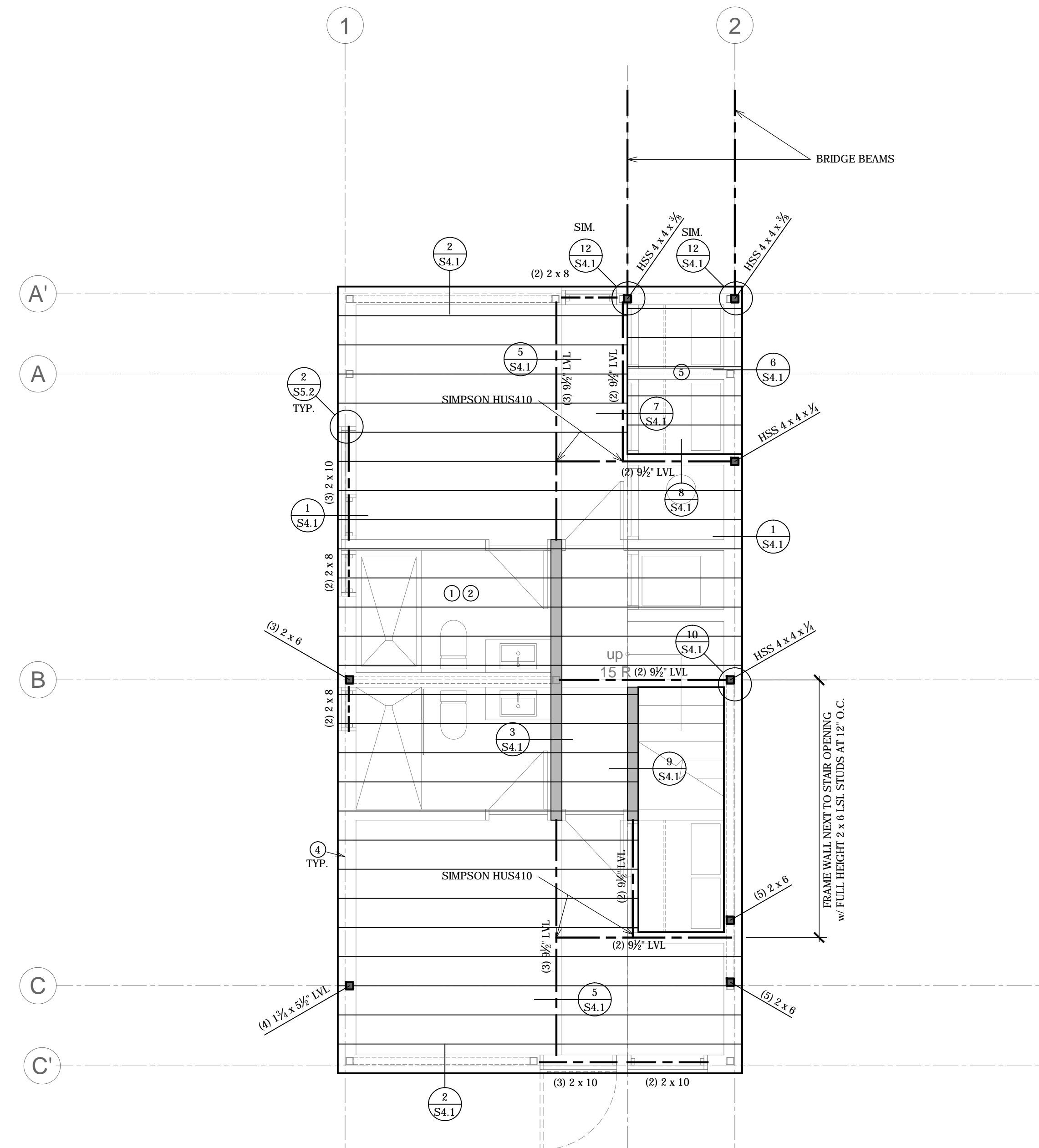


**ROOF FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

DEAD LOAD = 15 PSF  
SNOW LOAD = 192 PSF

**ROOF FRAMING NOTES**

- ① FRAME ROOF w/ PRE-ENGINEERED ROOF TRUSSES AT 16" O.C.
- ② SEE FRAMING NOTES ON S0.1 FOR ROOF SHEATHING SPECIFICATIONS
- ③ FRAME EXTERIOR WALLS w/ 2 x 6 AT 16" O.C.



**UPPER FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

DEAD LOAD = 50 PSF  
LIVE LOAD = 40 PSF

**FLOOR FRAMING NOTES**

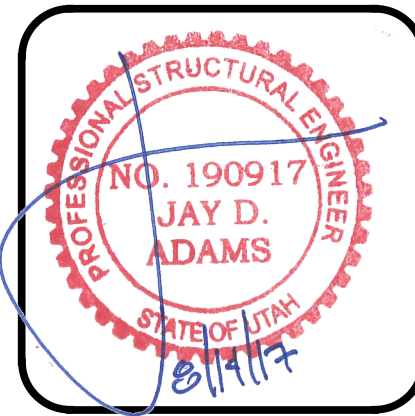
- ① FRAME FLOOR w/ 9 1/2" TJI210 AT 16" O.C. PROVIDE 3" CONCRETE TOPPING ON FLOOR WHERE INDICATED IN ARCH. PLANS
- ② SEE FRAMING NOTES ON S0.1 FOR FLOOR SHEATHING SPECIFICATIONS
- ③ [Symbol] INDICATES INTERIOR BEARING WALL
- ④ FRAME EXTERIOR WALLS AND BEARING WALLS w/ 2 x 6 AT 16" O.C.
- ⑤ FRAME ENTRY FLOOR w/ 2 x 8 AT 16" O.C.

**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
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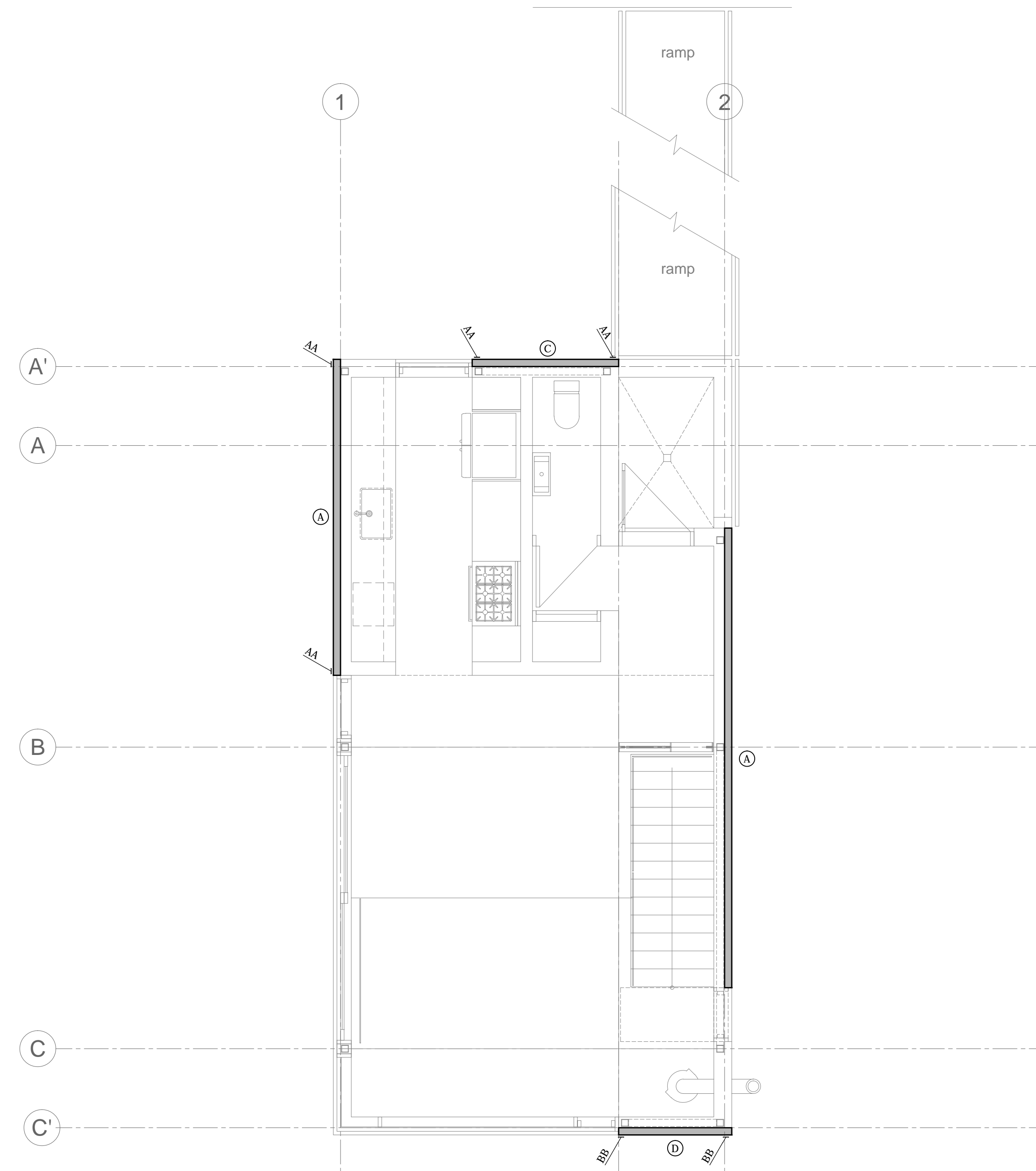
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Structural Plans for:  
**POWDER MOUNTAIN CABIN 1000**

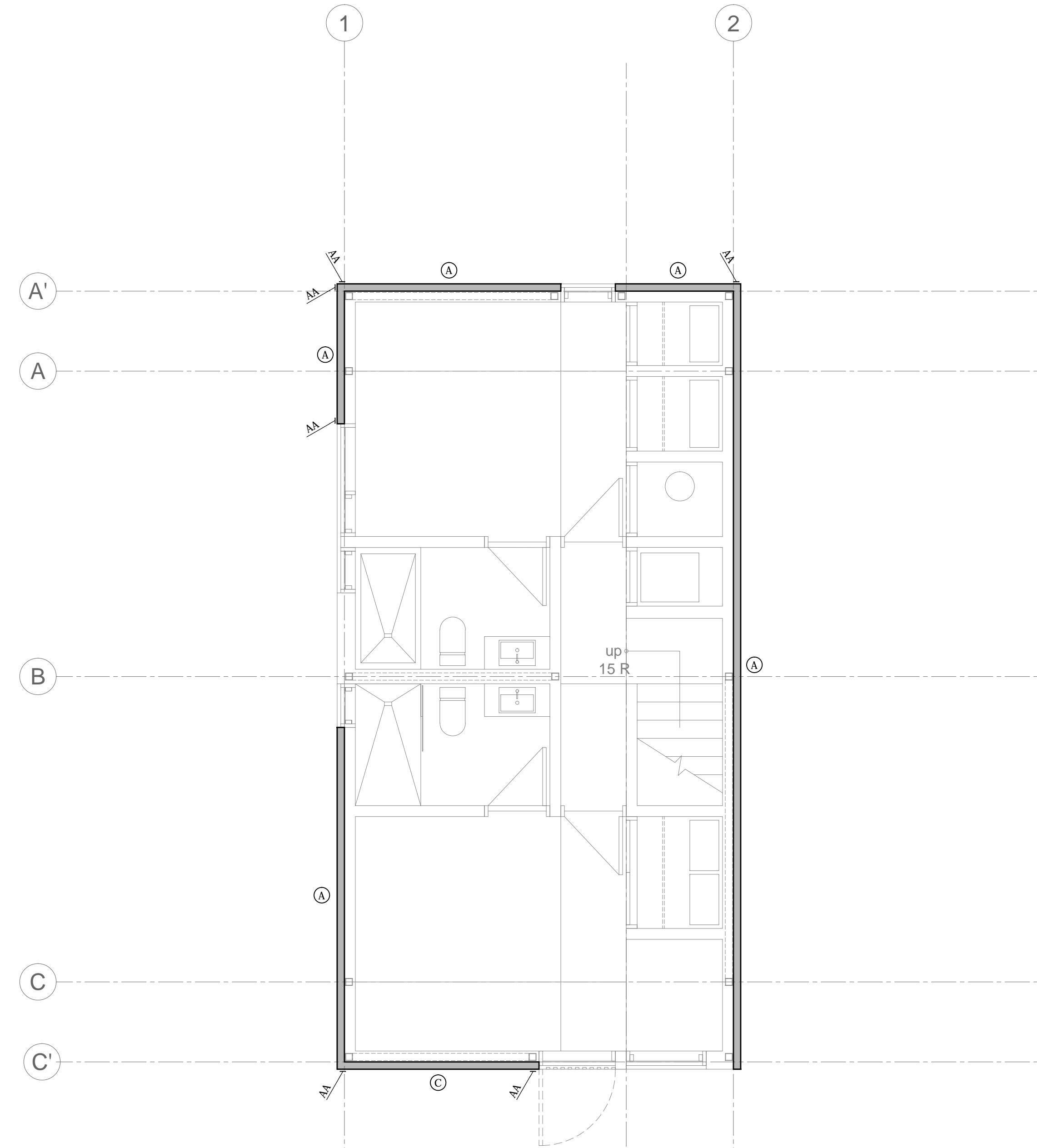


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UPPER FLOOR AND ROOF FRAMING PLANS  
SHEET No.  
**S2.2**



UPPER FLOOR SHEARWALL PLAN



MAIN FLOOR SHEARWALL PLAN

SHEARWALL SCHEDULE							
MARK	PANEL GRADE	PANEL THICKNESS	PANEL EDGE NAILING	PANEL FIELD NAILING	STUDS AT ADJOINING PANEL EDGES	ANCHOR BOLTS AT FOUNDATION LEVEL	SILL PLATE AT FOUNDATION
A	APA EXP. 1	3/4"	8d AT 6" O.C.	8d AT 12" O.C.	2x	3/8" dia. x 10" AT 32" O.C.	2x TREATED
B	APA EXP. 1	3/4"	8d AT 4" O.C.	8d AT 12" O.C.	2x	3/8" dia. x 10" AT 32" O.C.	2x TREATED
C	APA EXP. 1	3/4"	8d AT 3" O.C.	8d AT 12" O.C.	2x	3/8" dia. x 10" AT 32" O.C.	2x TREATED
D	APA EXP. 1	3/4"	8d AT 2" O.C.	8d AT 12" O.C.	3x	3/8" dia. x 10" AT 16" O.C.	2x TREATED

- SEE GENERAL NOTES FOR ADDITIONAL INFORMATION
- PLYWOOD, ORIENTED STRAND BOARD AND COMPOSITE BOARD (BUT NOT STRUCTURAL PARTICLE BOARD) ARE ACCEPTED AS EQUALS
- ALL PANEL EDGES AT SHEAR WALLS SHALL BE BACKED WITH 2" NOMINAL FRAMING, EXCEPT WHERE INDICATED TO BE 3" NOMINAL ON SCHEDULE. 3x MATERIAL MAY BE REPLACED WITH 4x MATERIAL. MULTIPLE LAYERS OF 2x FRAMING SHALL NOT BE USED WHERE 3x FRAMING IS INDICATED.
- ALL ANCHOR BOLTS TO HAVE A 3" x 3" x 1/2" PLATE WASHER (SEE SEE SCHEDULE ABOVE FOR SPACING)
- ALL STUDS IN SHEAR WALLS SHALL BE DOUGLAS FIR-LARCH
- SHEAR WALL PANELS INDICATED ON SCHEDULE ARE TO BE SHEATHED FOR FULL HEIGHT OF THE WALL.
- SEE SPECIAL INSPECTION PAGE FOR ADDITIONAL REQUIREMENTS
- WHERE PANELS ARE APPLIED ON BOTH FACES OF A SHEAR WALL AND NAIL SPACING IS LESS THAN 6" ON CENTER ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS. ALTERNATIVELY, THE WIDTH OF THE NAILED FACE OF FRAMING MEMBERS SHALL BE 3" NOMINAL OR GREATER AT ADJOINING PANEL EDGES AND NAILS AT ALL PANEL EDGES SHALL BE STAGGERED.

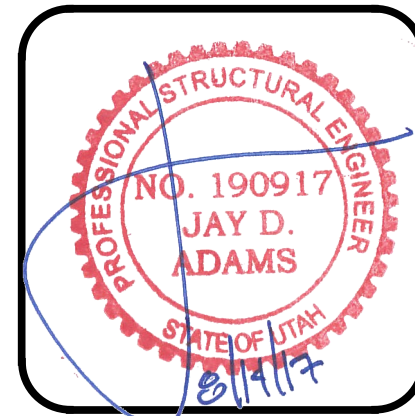
HOLD DOWN SCHEDULE					
MARK	HOLDOWN	ATTACHMENT TO STUDS	FOUNDATION ANCHORS	MINIMUM STUDS	REMARKS
AA	SIMPSON MST48	(34) 16d SINKERS	N. A.	(2) 2x	SEE DETAILS ON S3.3
BB	SIMPSON MST72	(62) 16d SINKERS	N. A.	(2) 2x	SEE DETAILS ON S3.3

- ALL ANCHORS ARE SIMPSON STRONG-TIE (OR EQUAL)
- INSTALLATION OF ALL HOLDOWN ANCHORS AND STRAPS SHALL BE PER MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS
- PROVIDE EDGE NAILING ALONG STUDS CONNECTED TO HOLDDOWN ANCHORS AND STRAPS
- SEE SPECIAL INSPECTION PAGE FOR ADDITIONAL REQUIREMENTS

**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

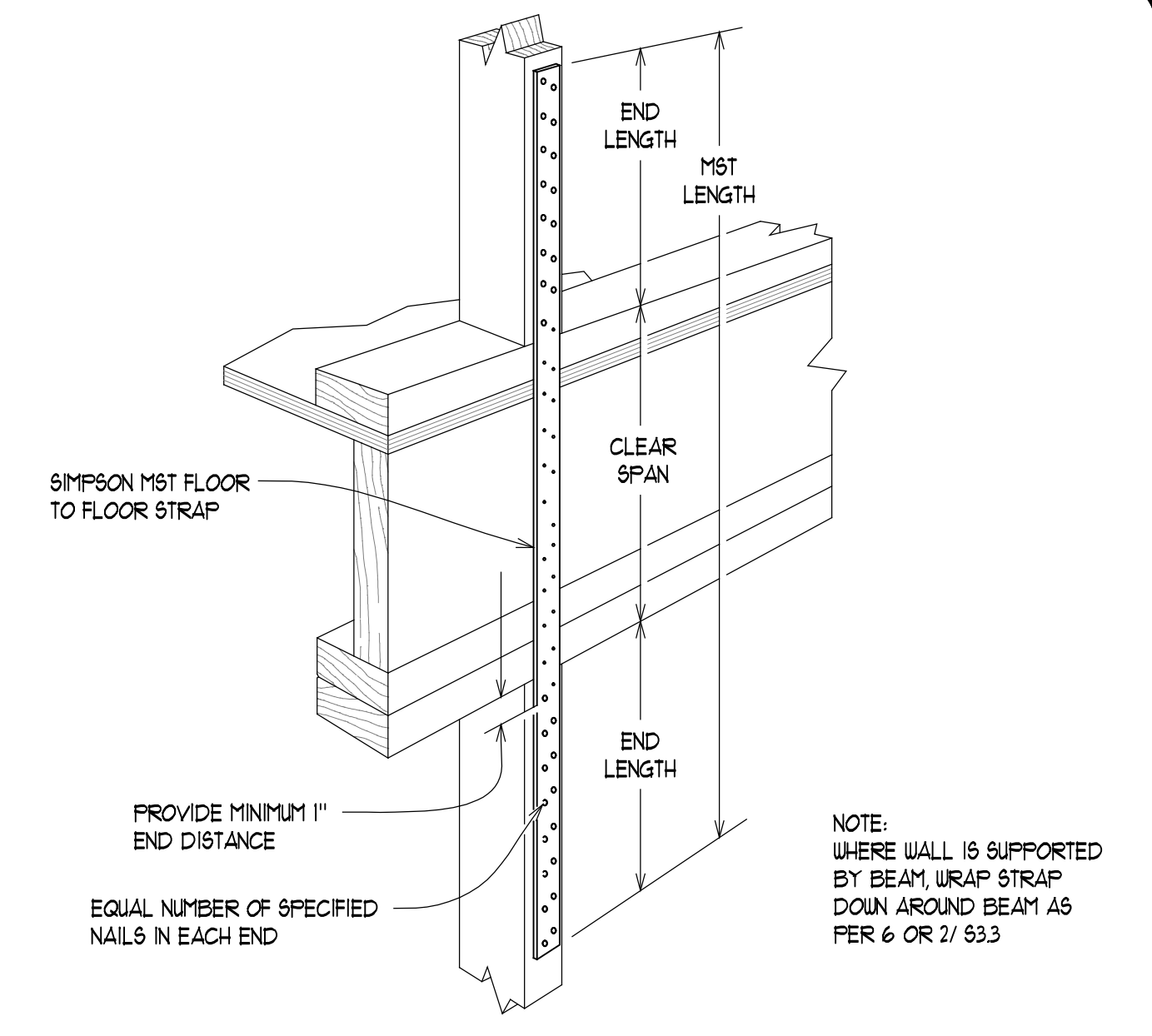
BUILDING     STRUCTURAL  
 MECHANICAL     PLUMBING  
 ELECTRICAL     ENERGY  
 ACCESSIBILITY     FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
 BY: MEM DATE: 08/24/17  
 WEST COAST CODE CONSULTANTS, INC.

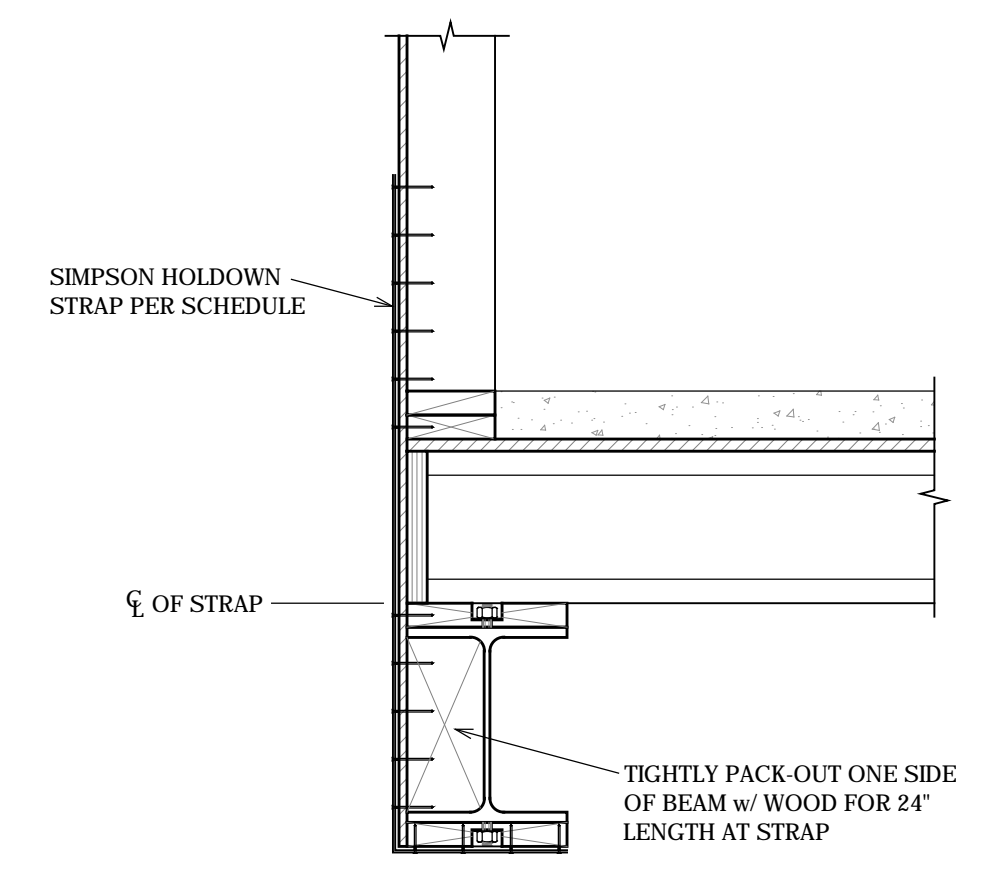


DESIGNED BY: J.D.A.  
 CHECKED BY: J.D.A.  
 SCALE: 1/4" = 1'-0"  
 DATE: JULY 21, 2017  
 JOB No. 17-088

MAIN FLOOR & UPPER FLOOR SHEARWALL PLANS  
 SHEET No.  
**S3.1**



1 CONSTRUCTION DETAIL  
S3.3 NO SCALE



2 CONSTRUCTION DETAIL  
S3.3 NO SCALE

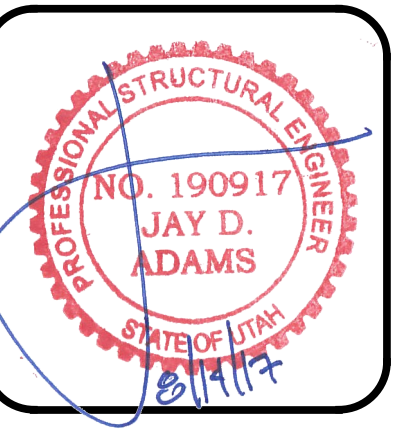
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<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
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<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
BY: MEM DATE: 08/24/17  
WEST COAST CODE CONSULTANTS, INC.

**DYNAMIC STRUCTURES**  
1887 NORTH 1120 WEST PROVO, UTAH 84604  
PH: (801) 356-1140 FAX: (801) 356-0001

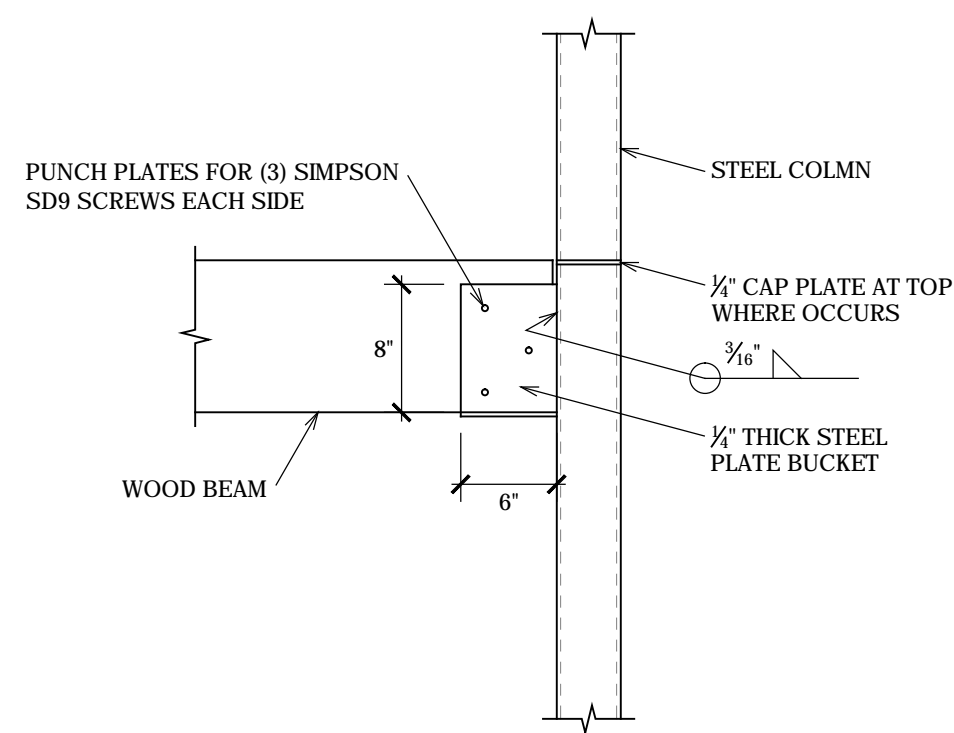
Structural Plans for:  
**POWDER MOUNTAIN CABIN 1000**



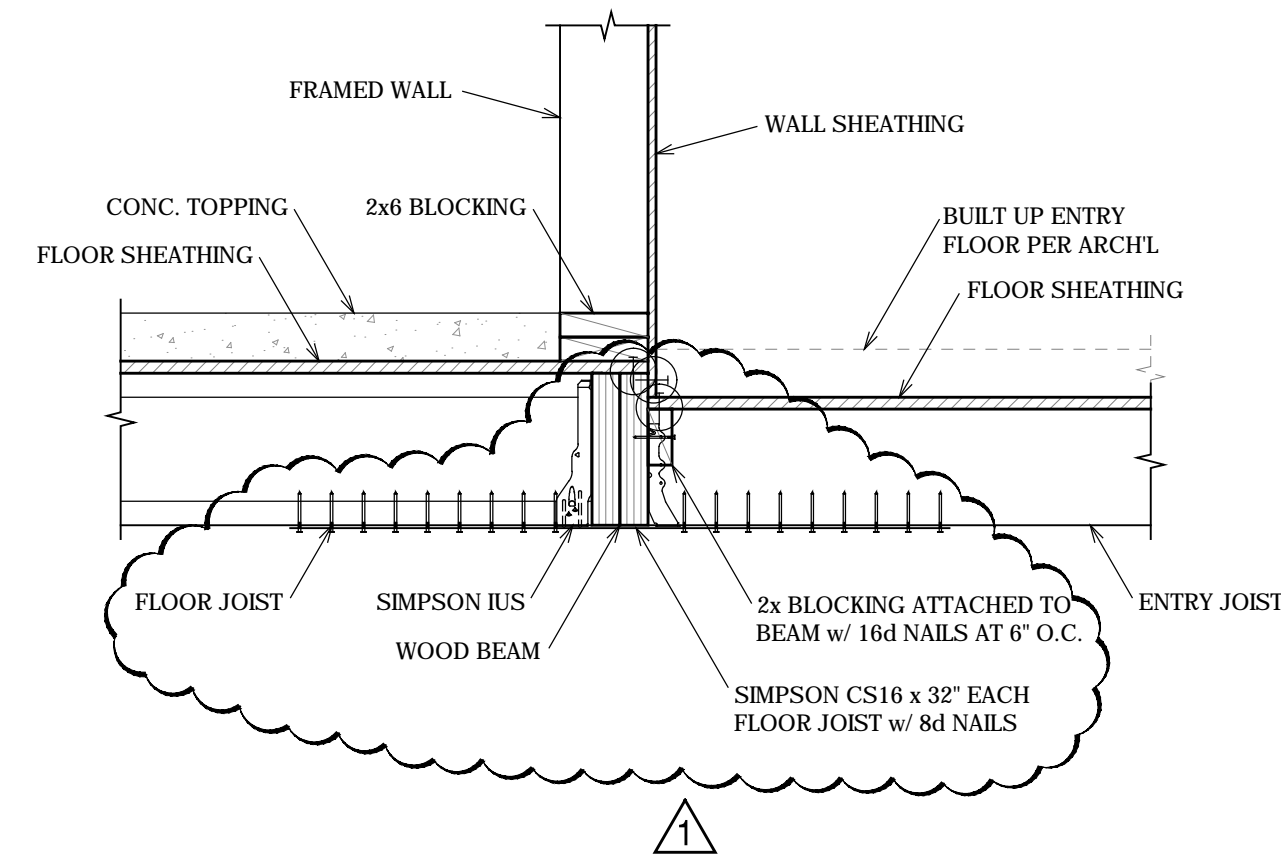
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CHECKED BY:	J.D.A.
SCALE:	AS SHOWN
DATE:	JULY 21, 2017
JOB No.	17-088

**CONSTRUCTION DETAILS**

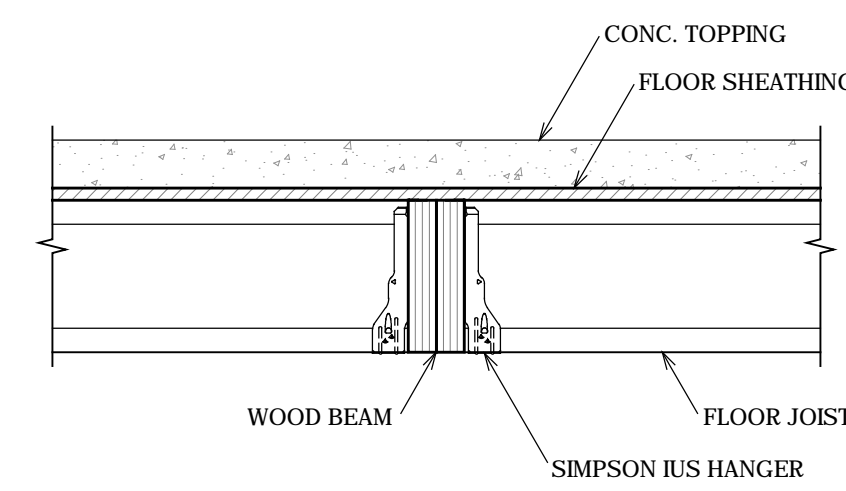
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**S3.3**



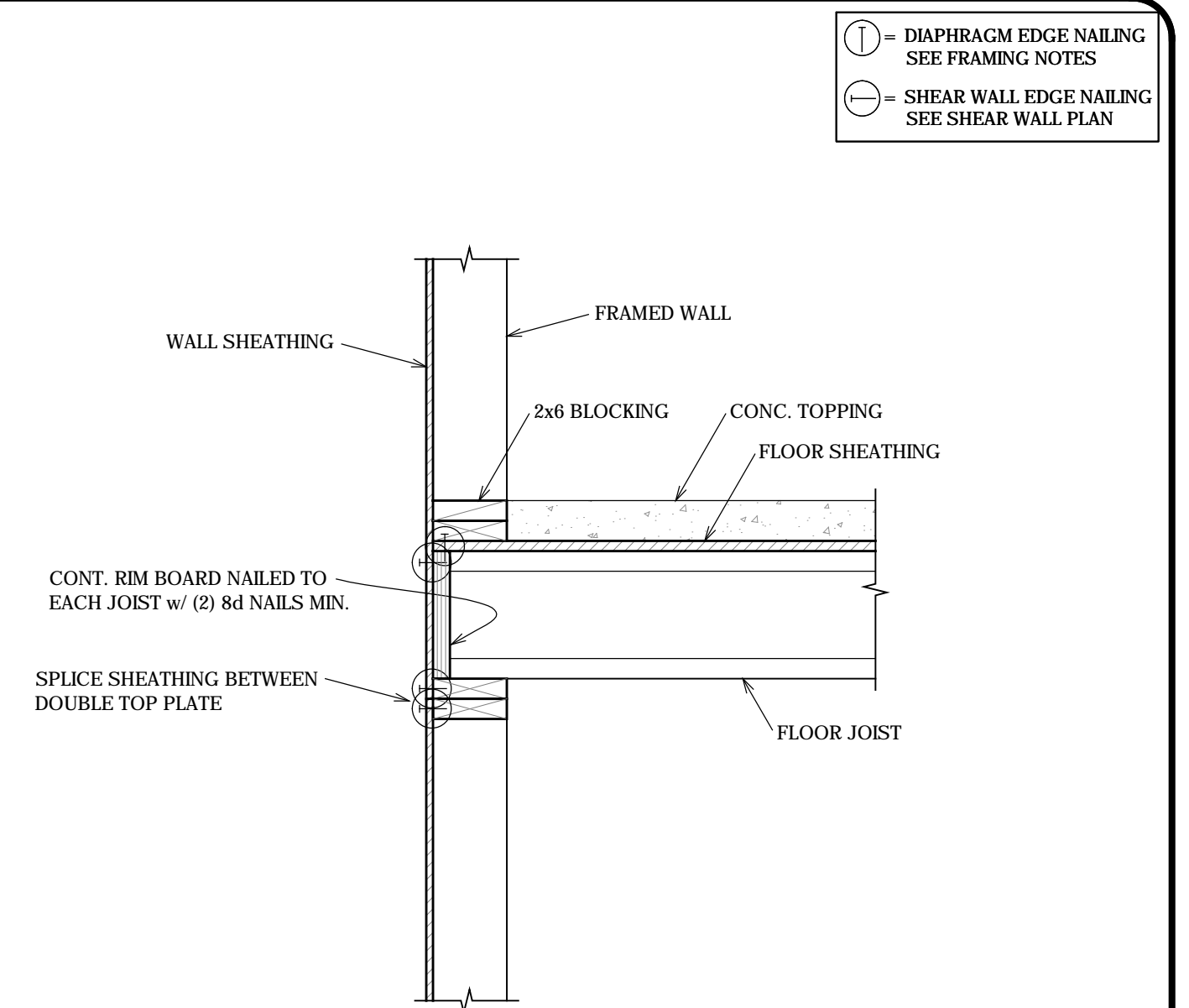
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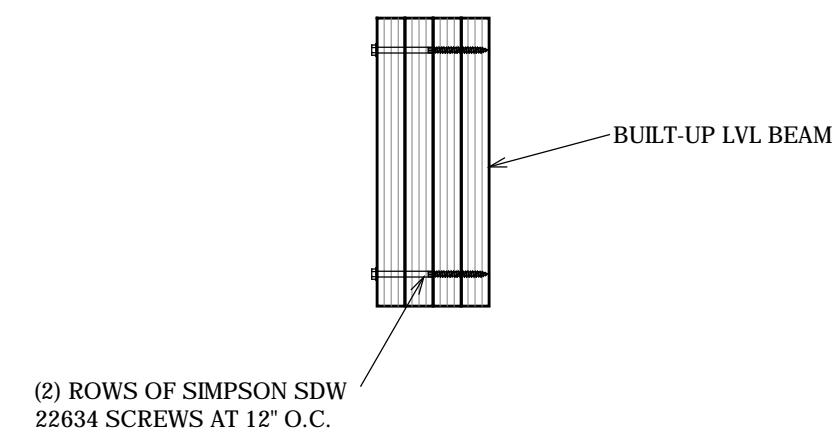
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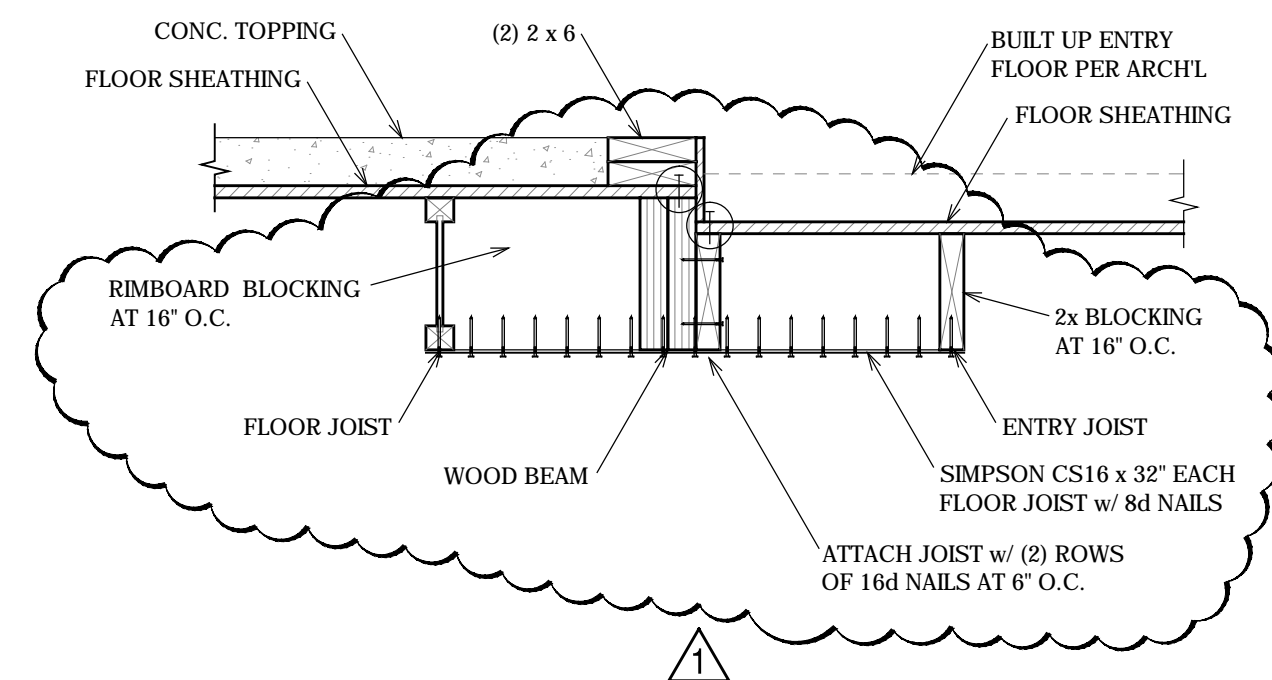
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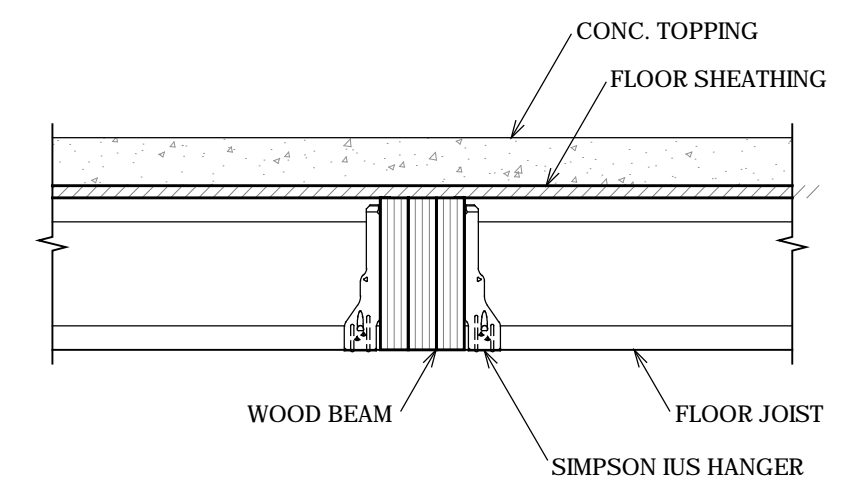
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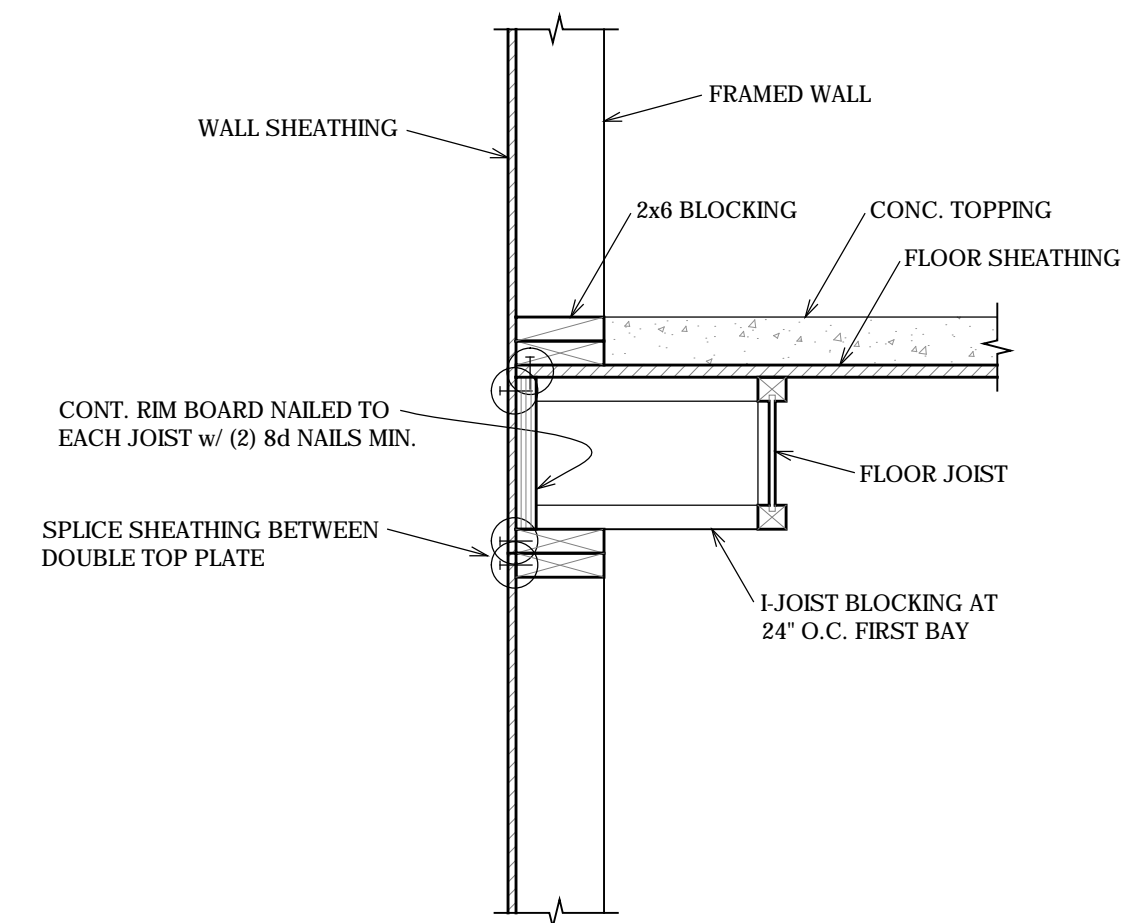
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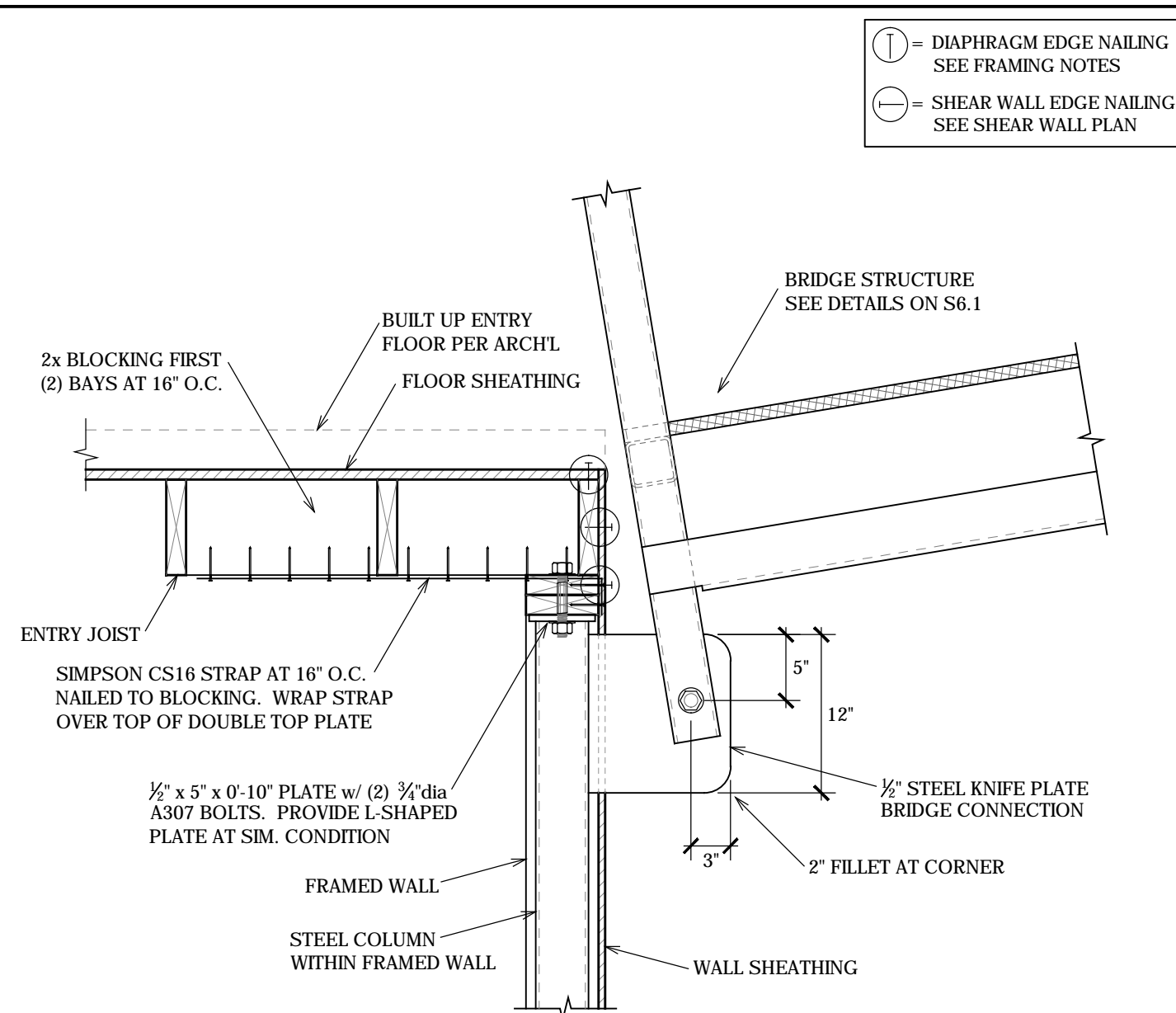
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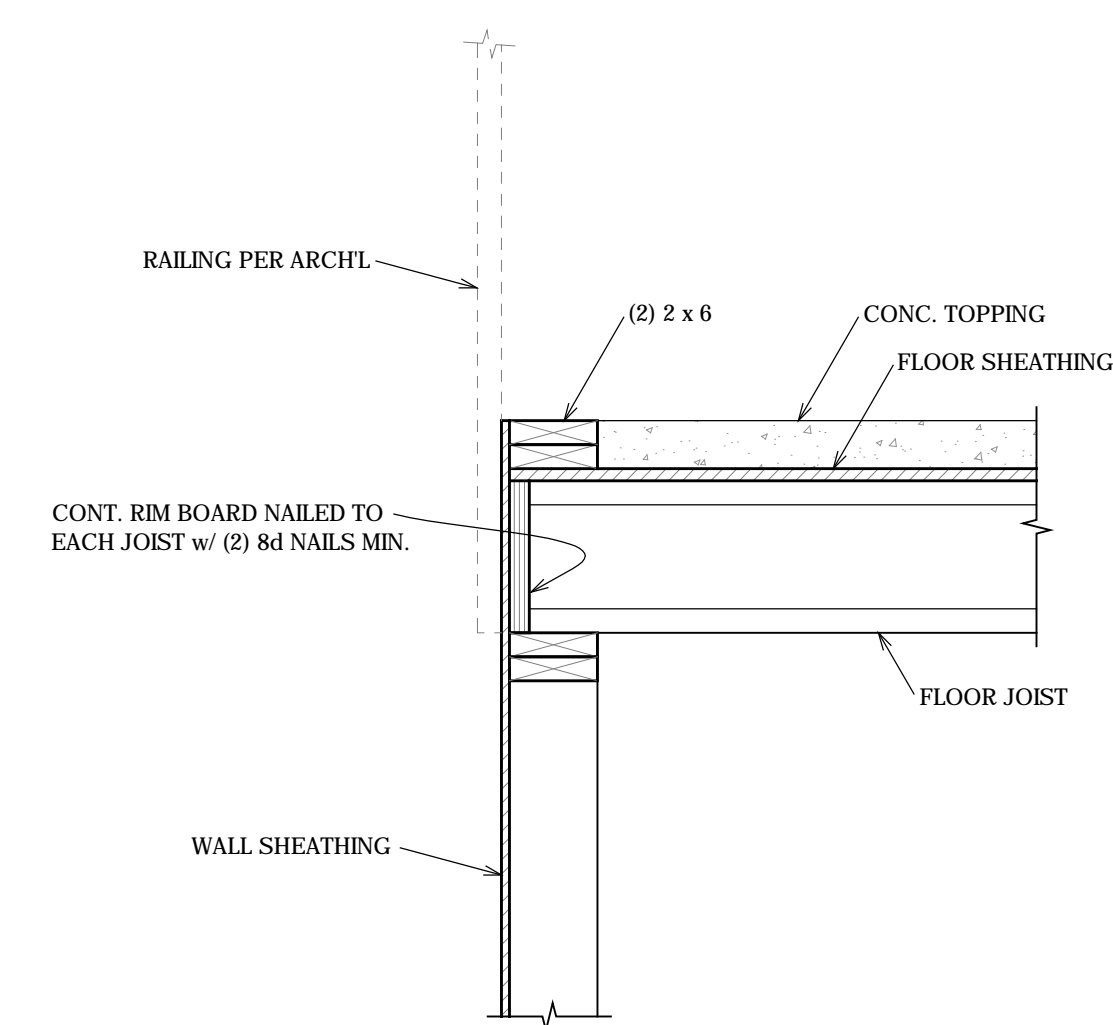
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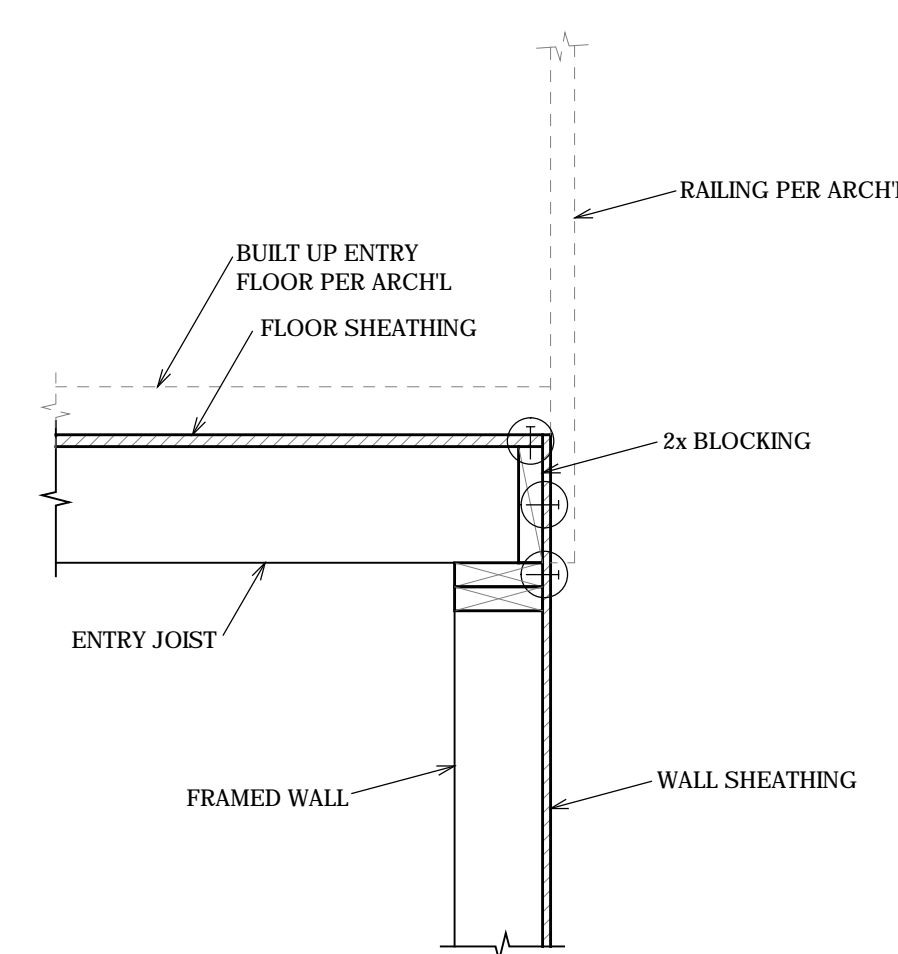
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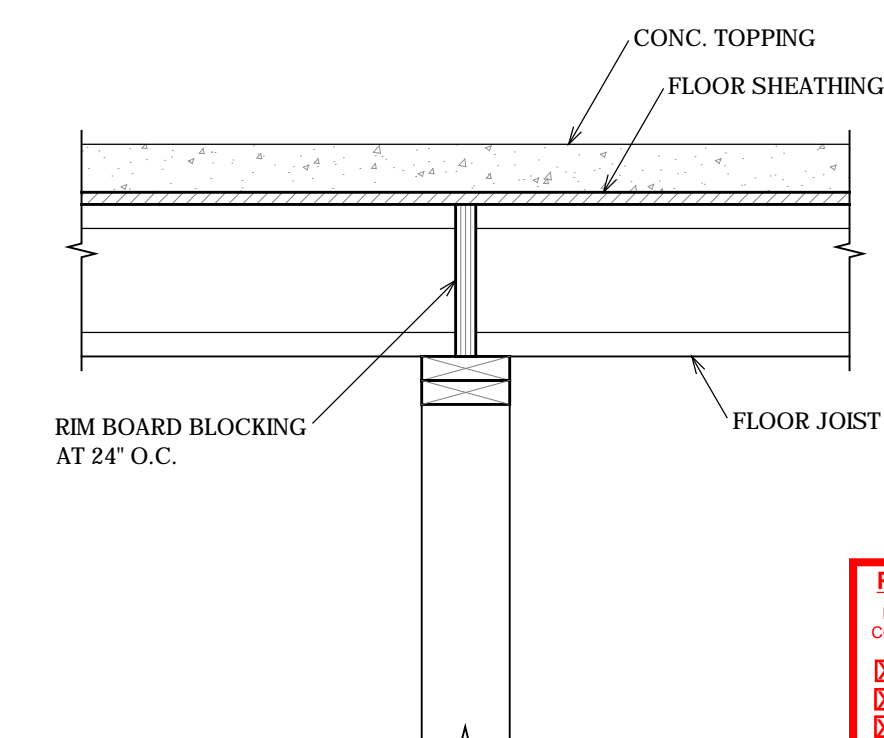
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9 CONSTRUCTION DETAIL  
S4.1 NO SCALE



6 CONSTRUCTION DETAIL  
S4.1 NO SCALE



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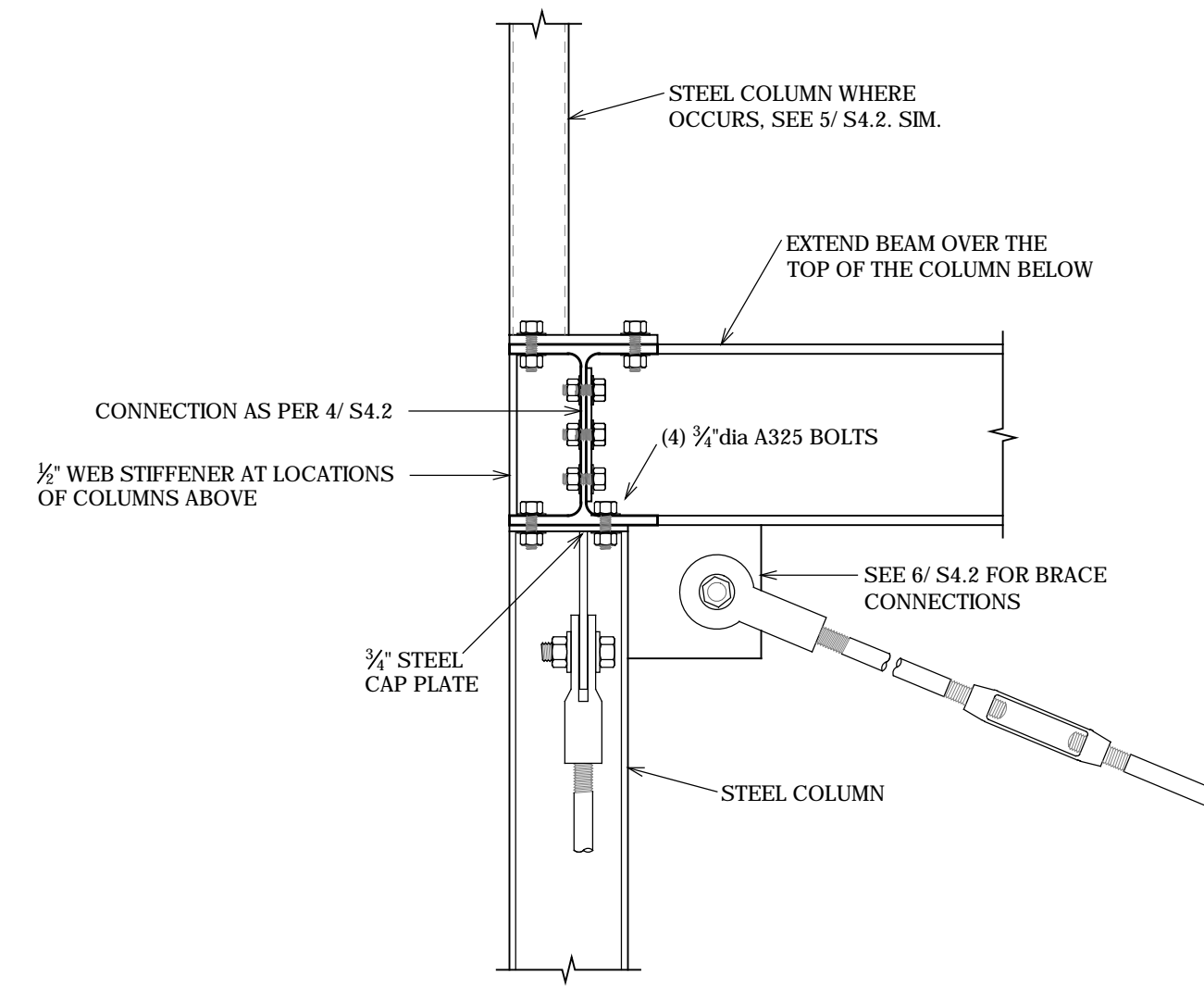
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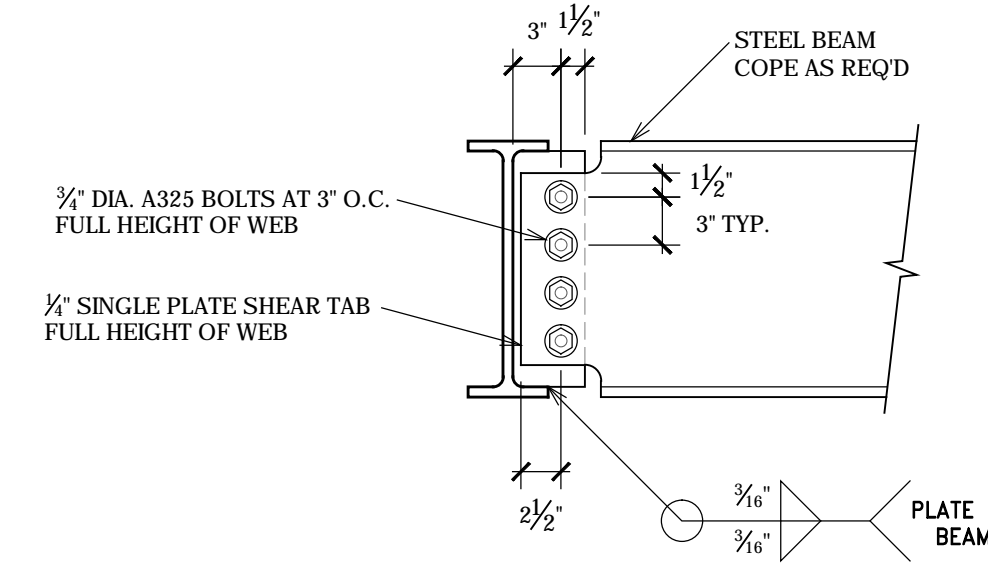
PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

MEM 08/24/17  
WEST COAST CODE CONSULTANTS, INC.

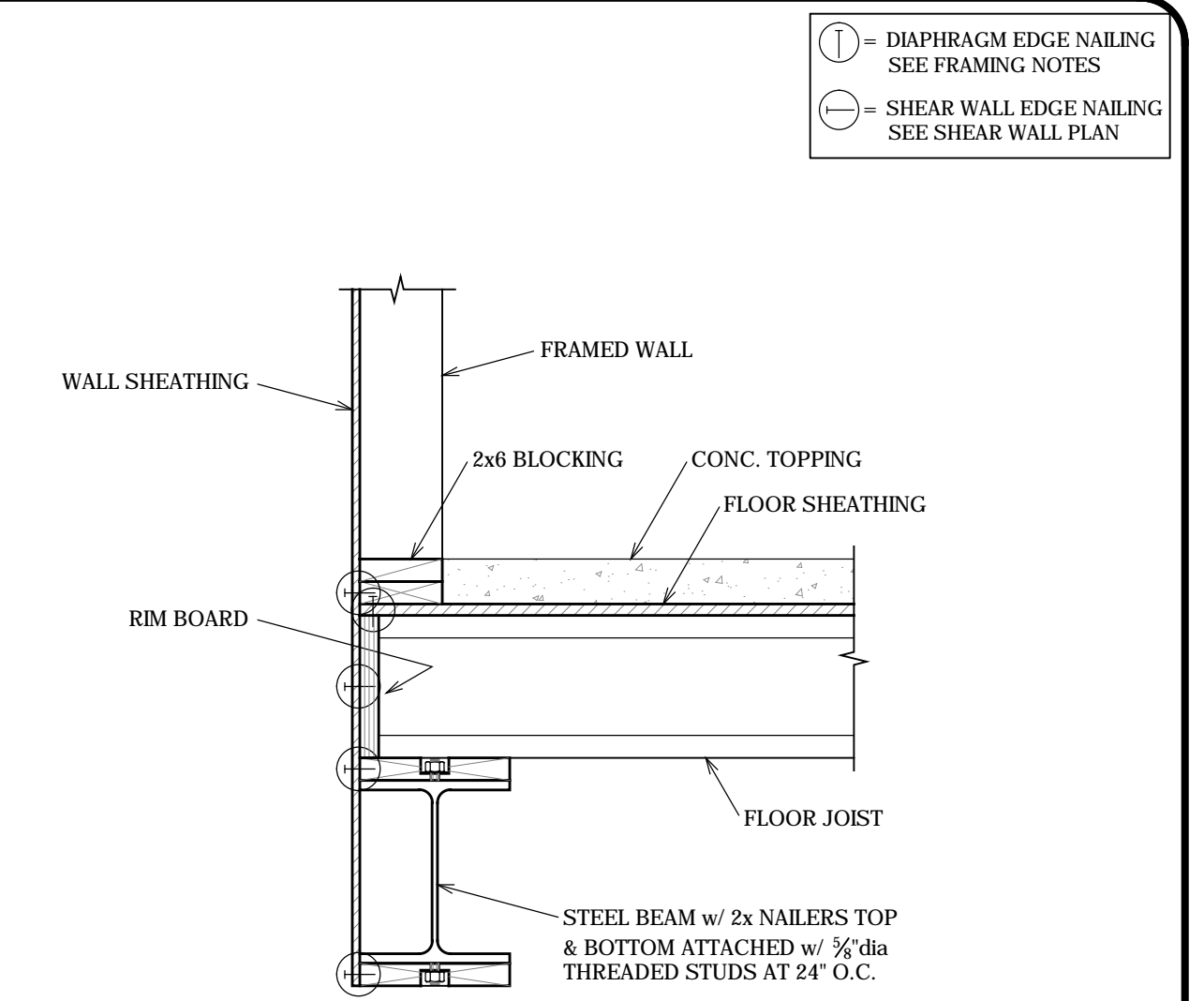




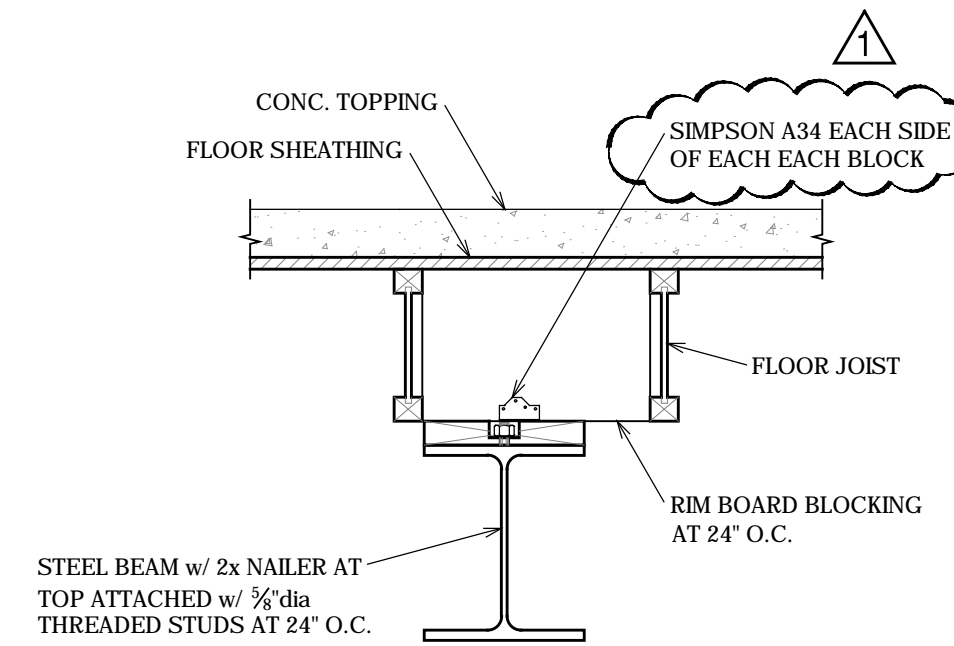
7 CONSTRUCTION DETAIL  
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1 CONSTRUCTION DETAIL  
S4.2 NO SCALE

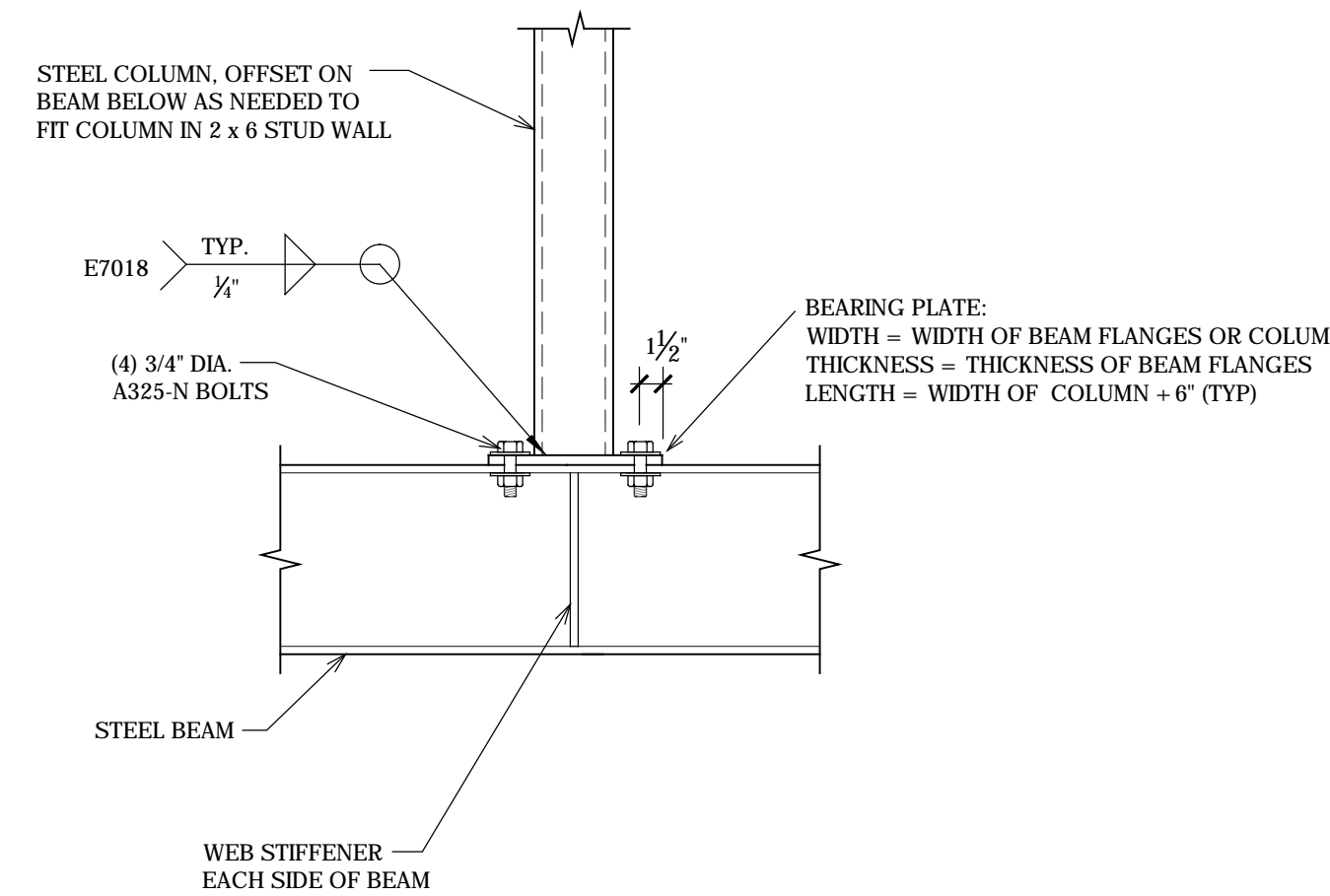


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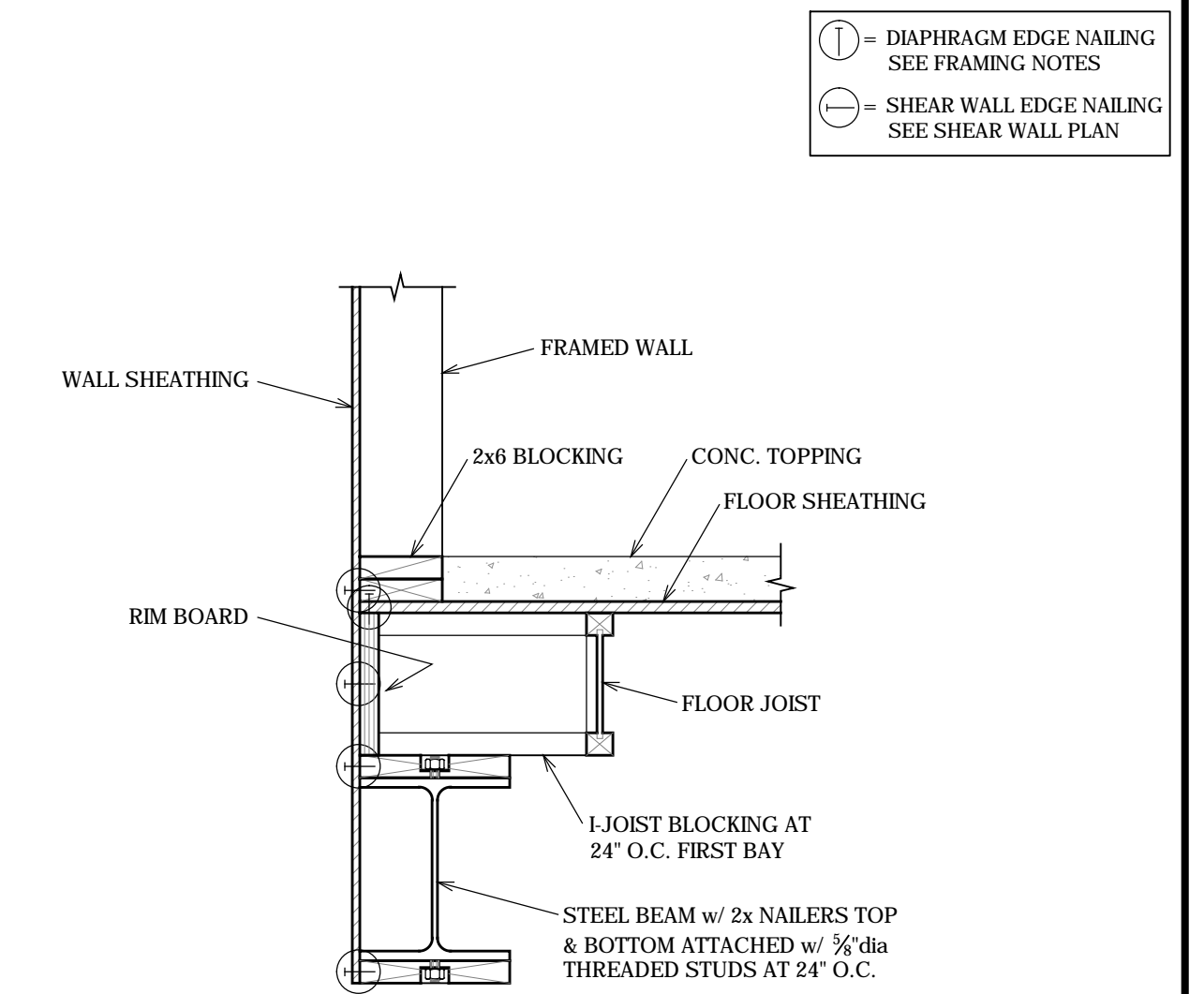


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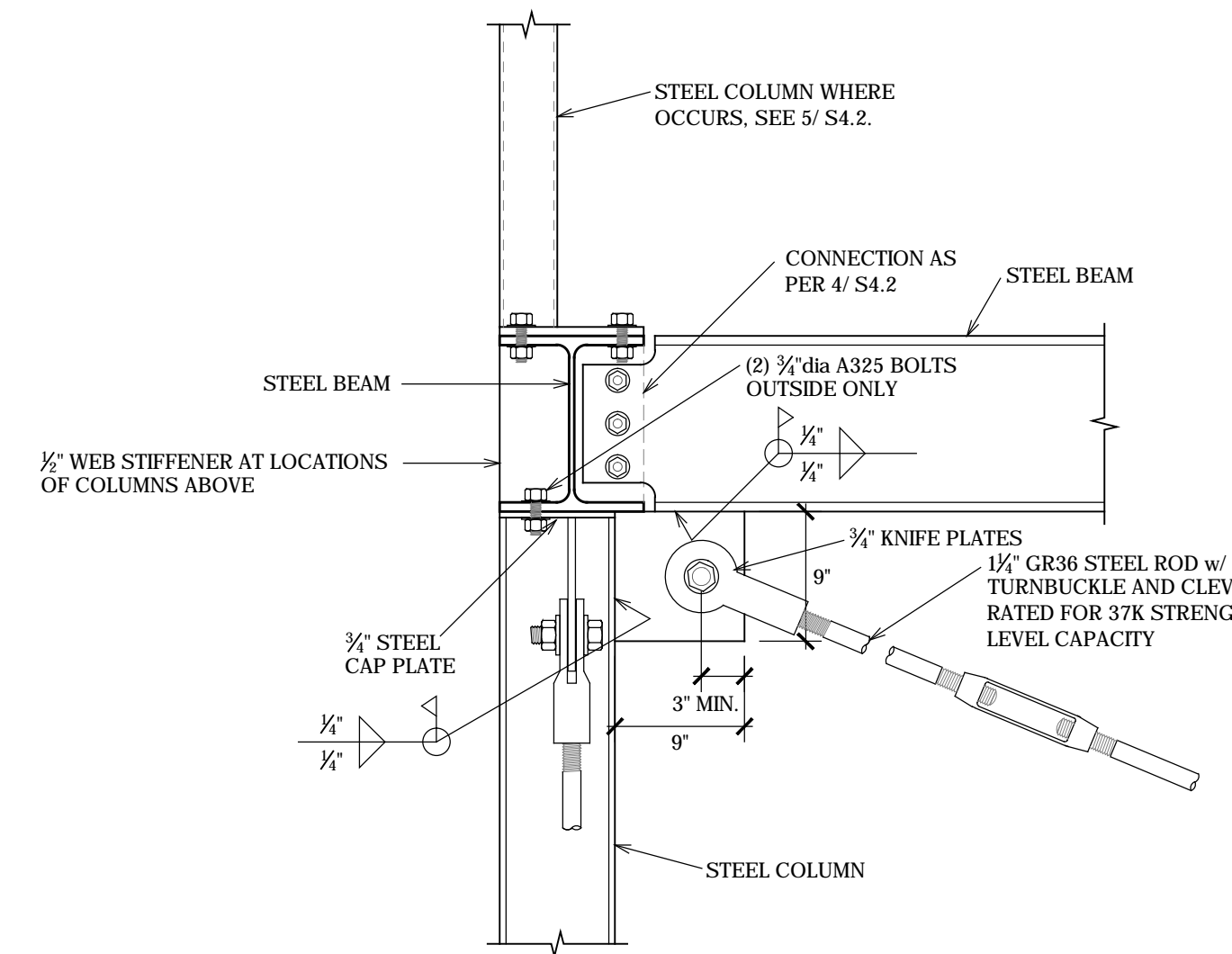
NOTE:  
ELIMINATE NAILER AND BLOCKING AT STEEL BEAM SHOWN IN 6/ S4.2



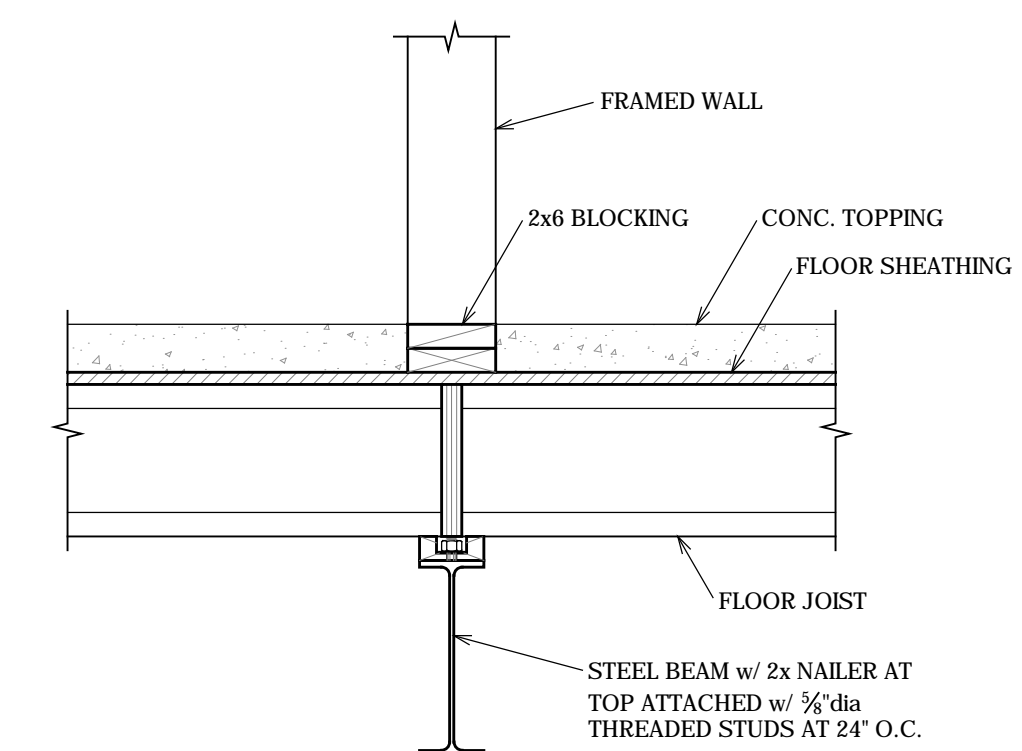
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2 CONSTRUCTION DETAIL  
S4.2 NO SCALE



6 CONSTRUCTION DETAIL  
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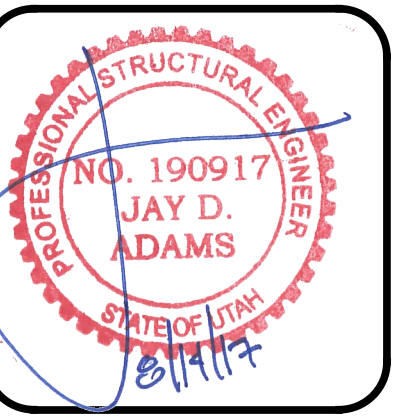


3 CONSTRUCTION DETAIL  
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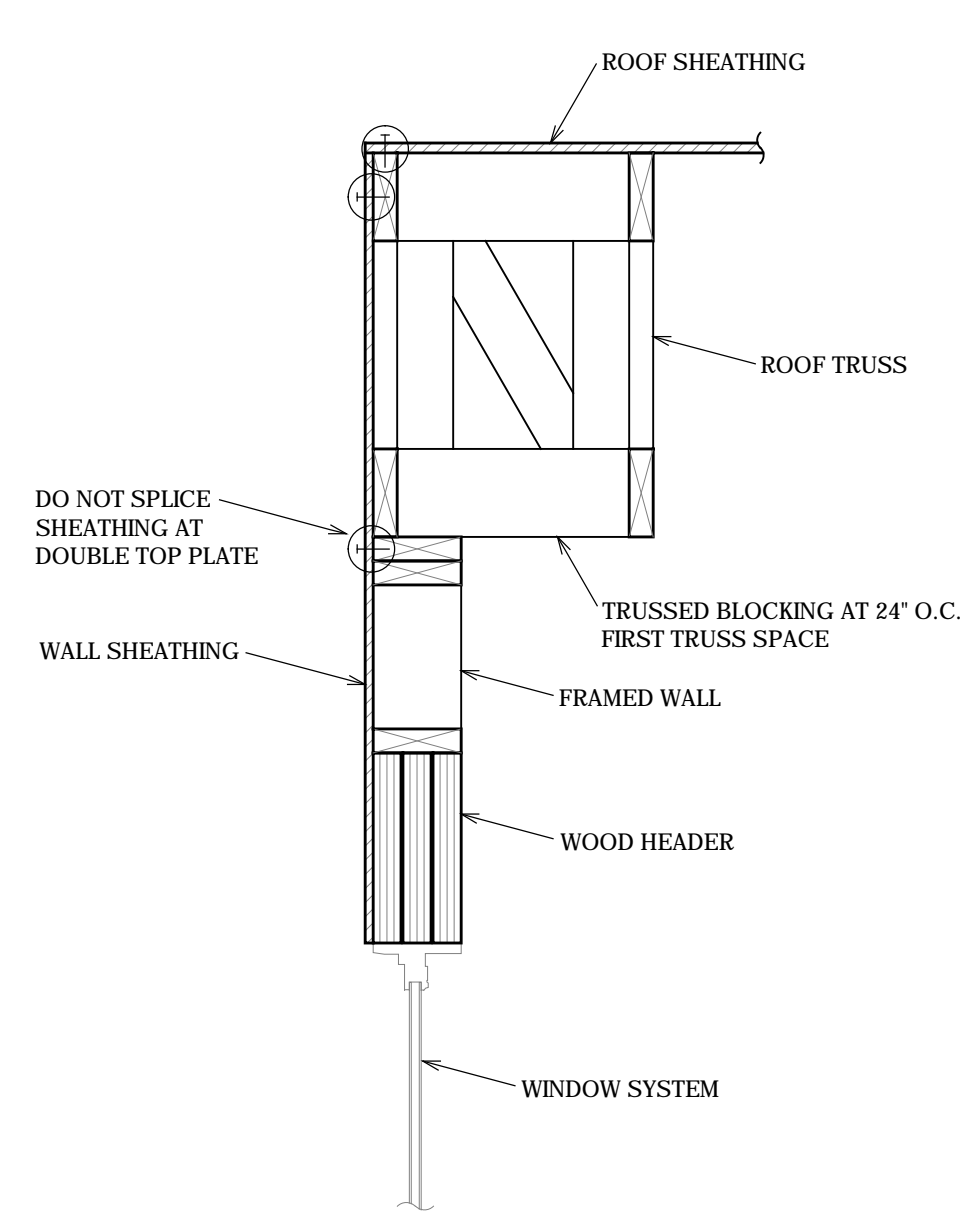
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BY: MEM DATE: 08/24/17  
WEST COAST CODE CONSULTANTS, INC.



DESIGNED BY: J.D.A.  
CHECKED BY: J.D.A.  
SCALE: AS SHOWN  
DATE: JULY 21, 2017  
JOB No. 17-088

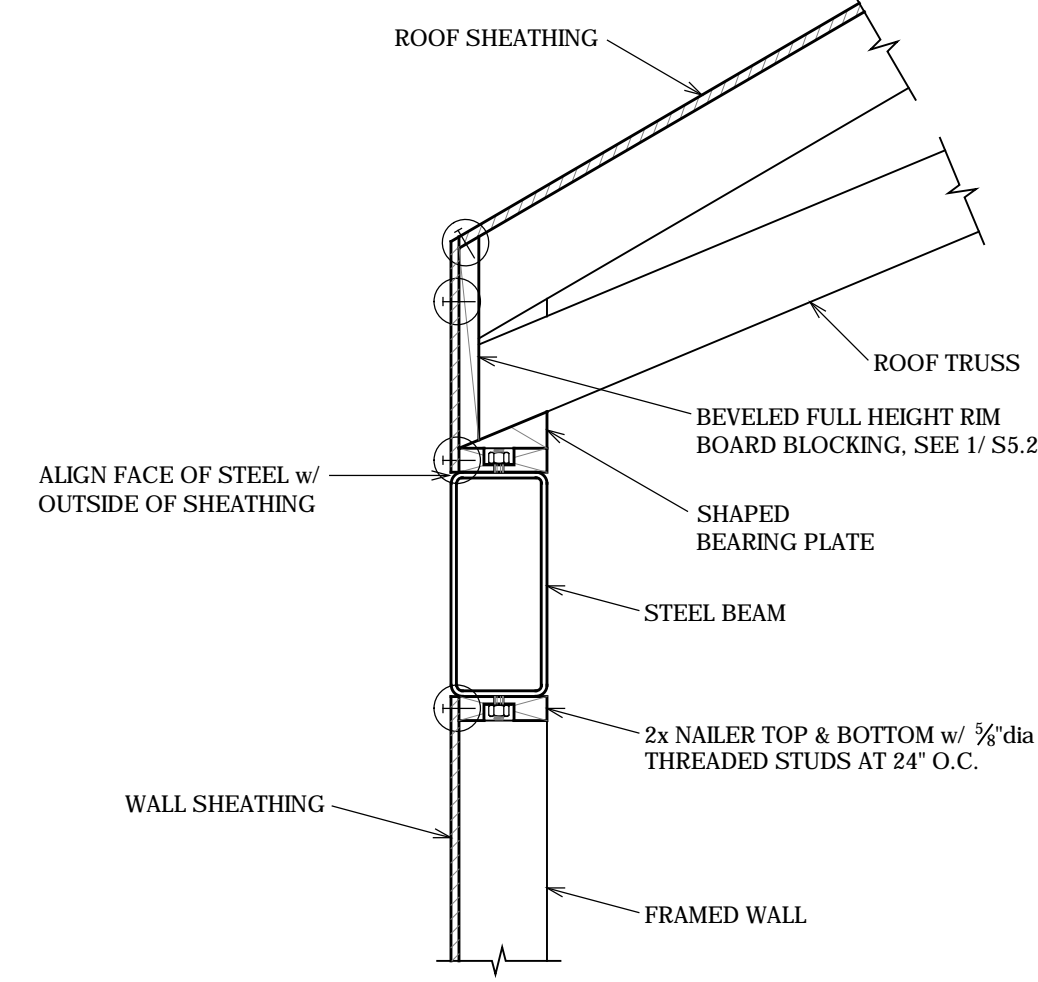
CONSTRUCTION DETAILS  
SHEET No.  
**S4.2**

7 CONSTRUCTION DETAIL  
S5.1 NO SCALE



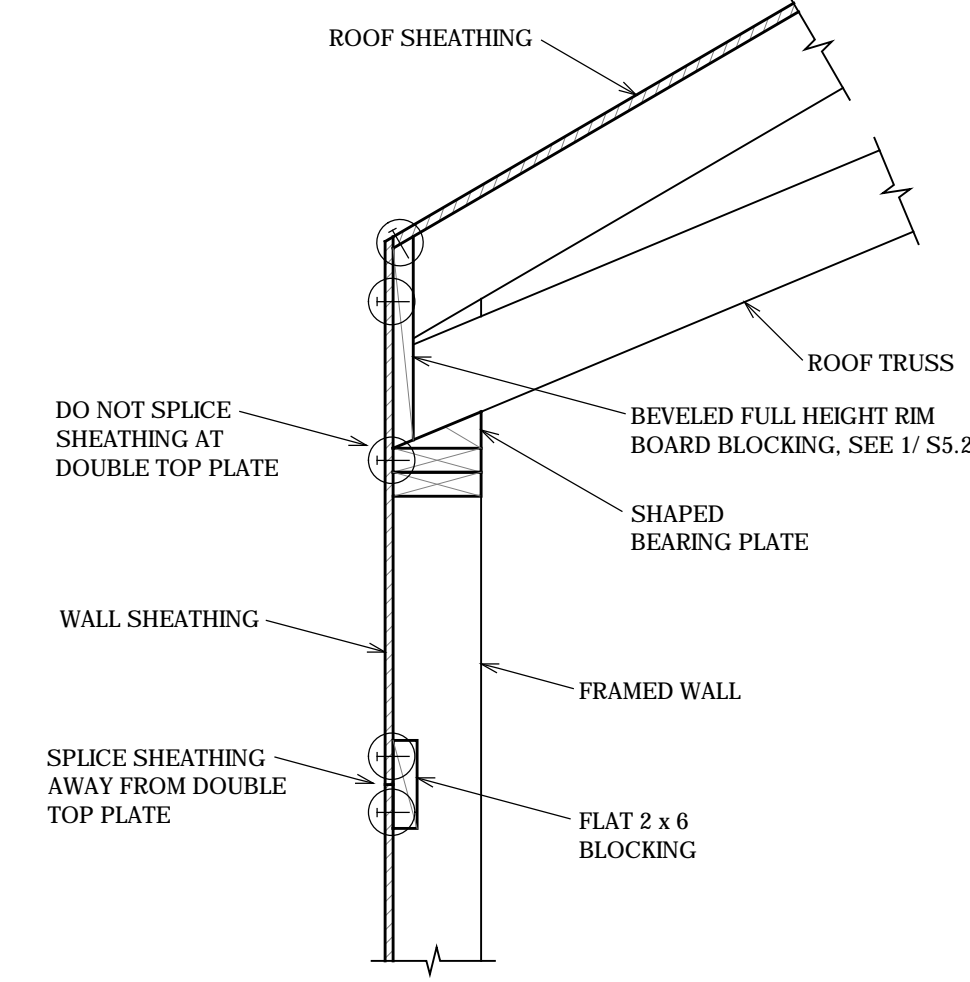
- ① - DIAPHRAGM EDGE NAILING SEE FRAMING NOTES
- ② - SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN

1 CONSTRUCTION DETAIL  
S5.1 NO SCALE

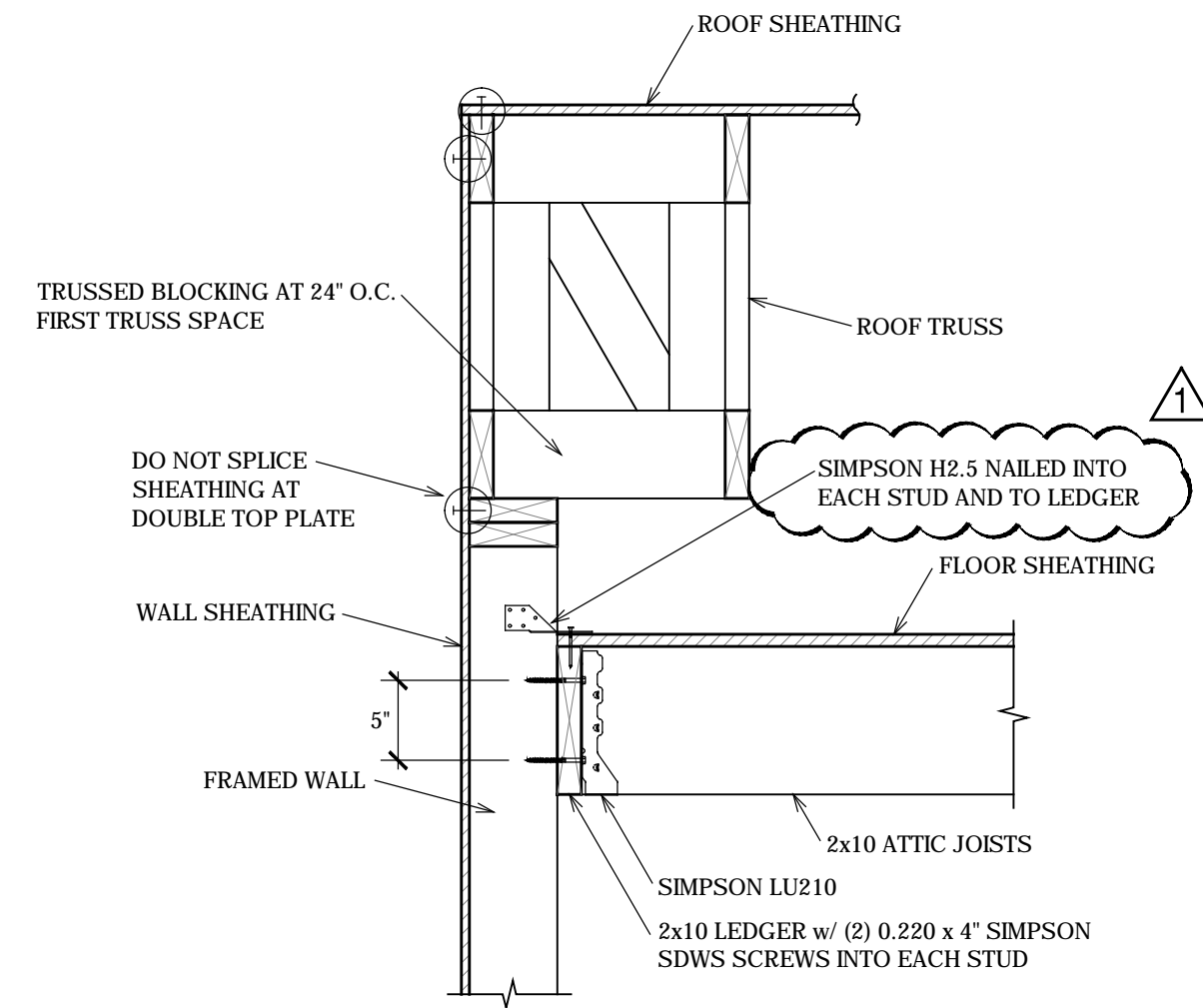


- ① - DIAPHRAGM EDGE NAILING SEE FRAMING NOTES
- ② - SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN

1 CONSTRUCTION DETAIL  
S5.1 NO SCALE

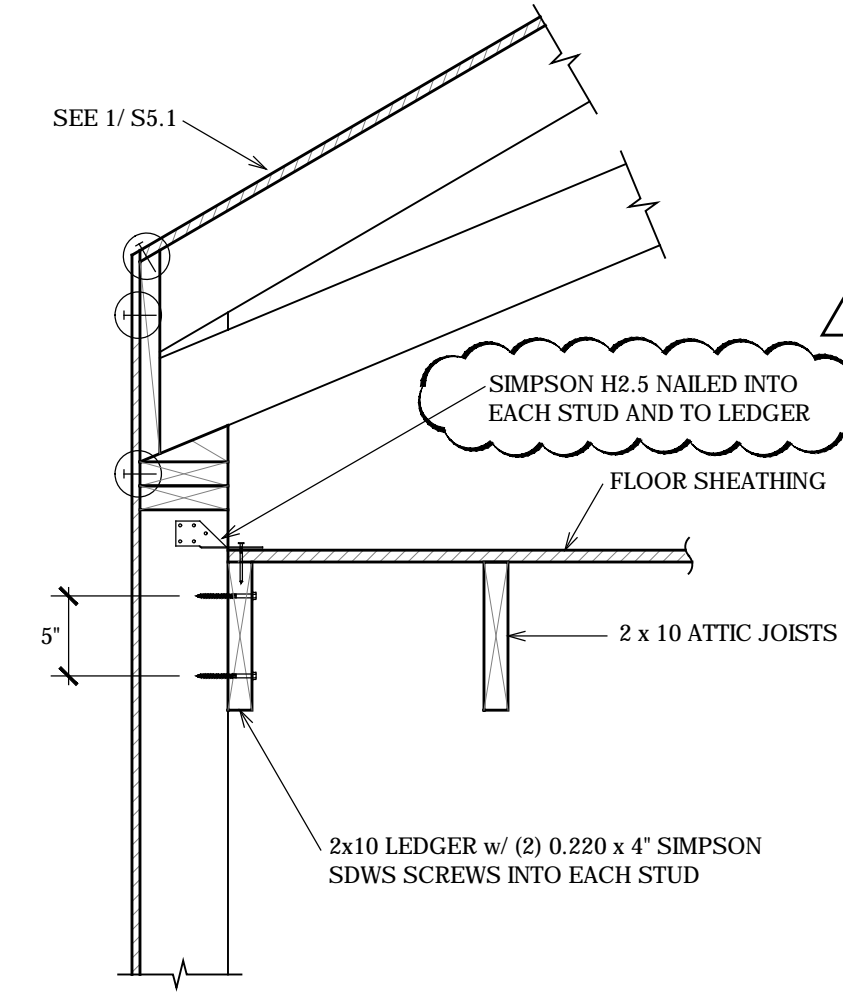


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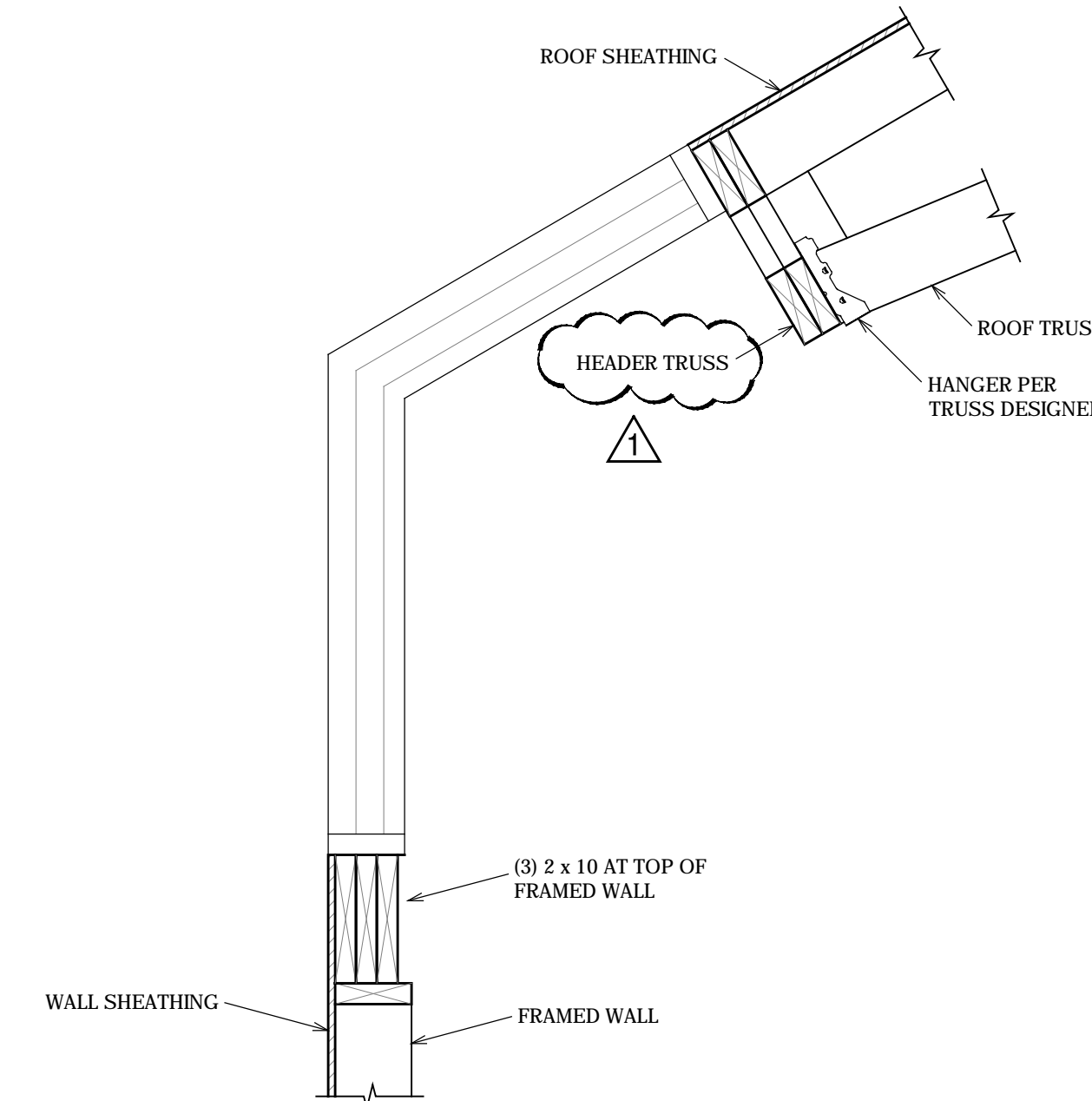
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- ② - SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN

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S5.1 NO SCALE

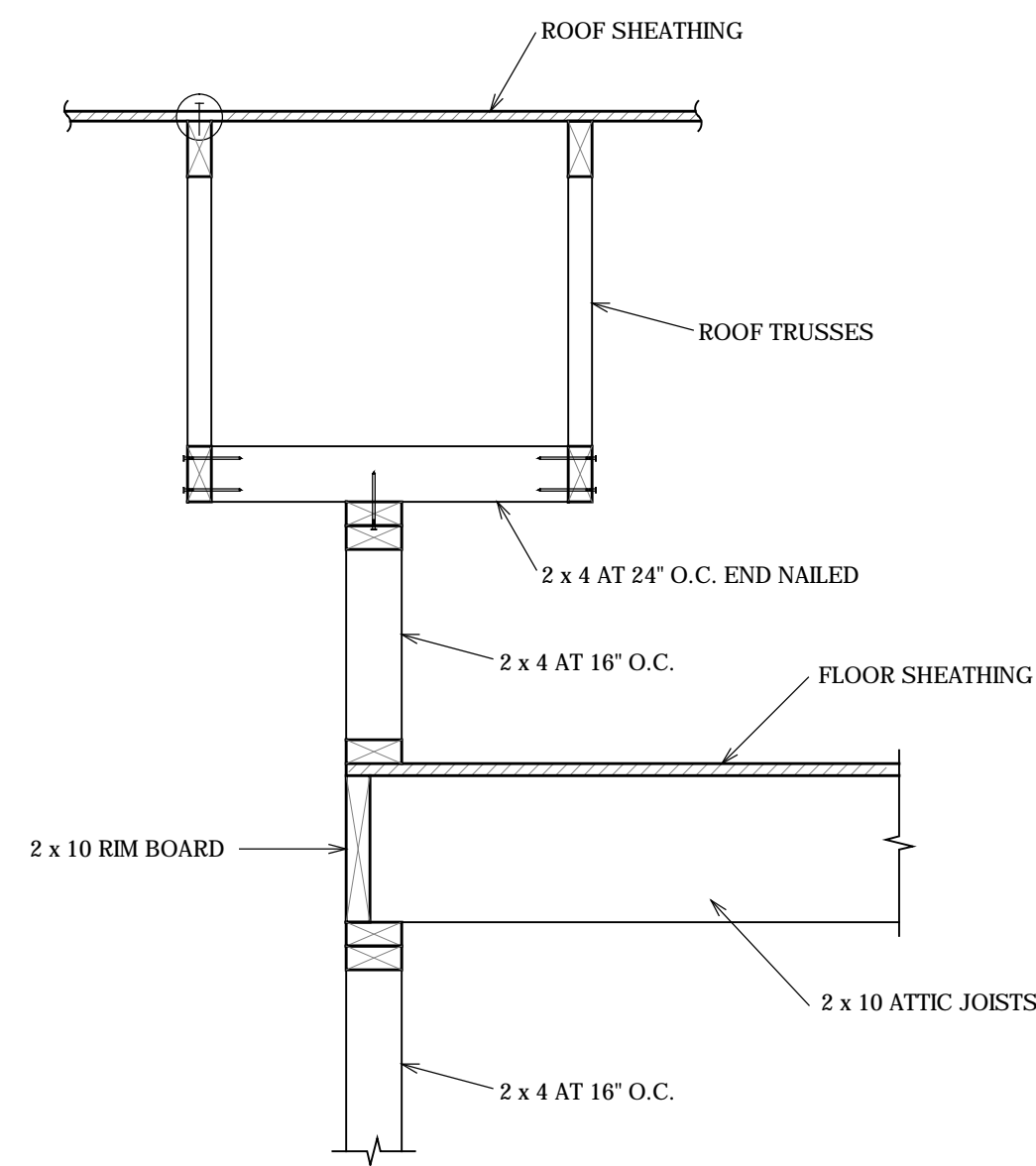


- ① - DIAPHRAGM EDGE NAILING SEE FRAMING NOTES
- ② - SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN

2 CONSTRUCTION DETAIL  
S5.1 NO SCALE

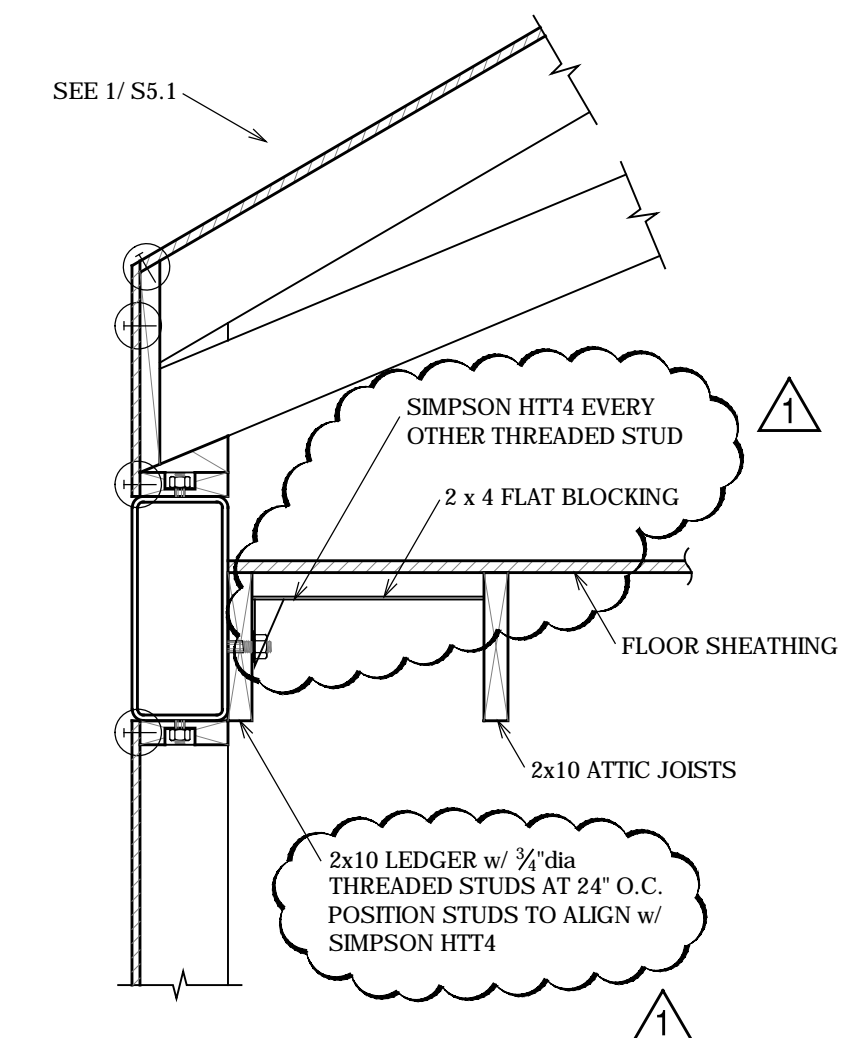


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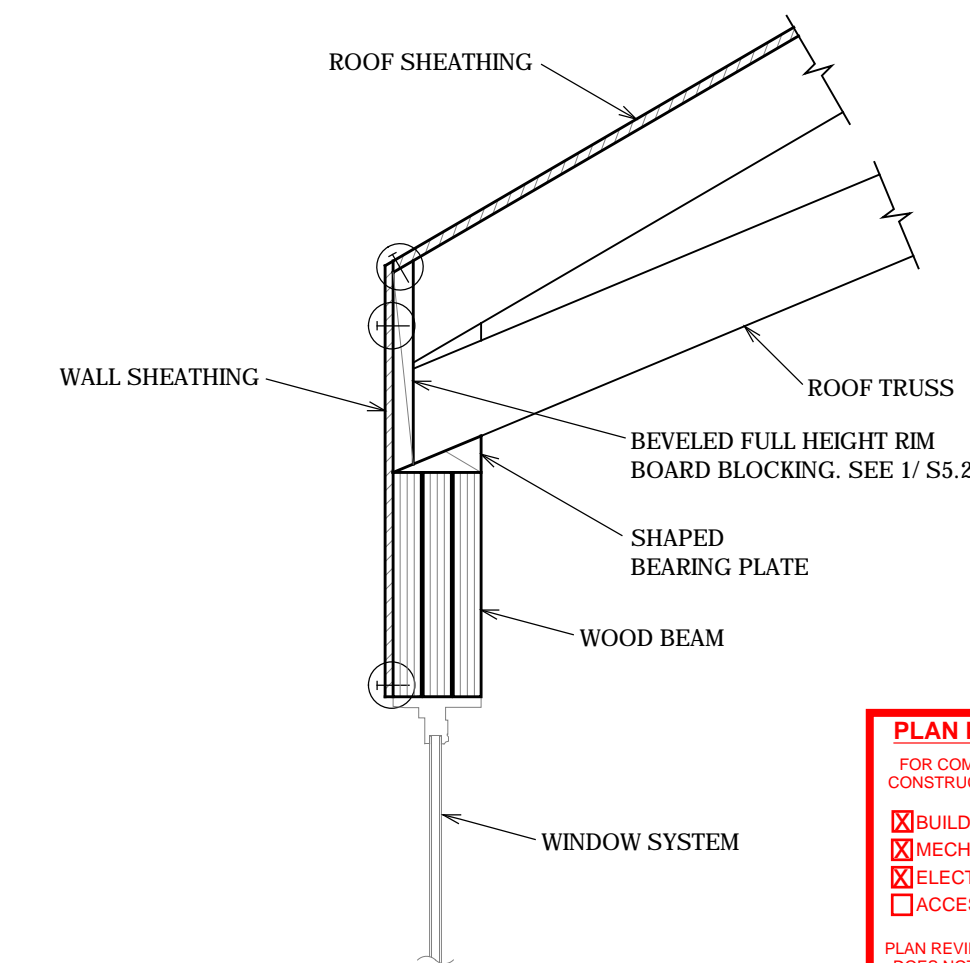
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- ② - SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN

6 CONSTRUCTION DETAIL  
S5.1 NO SCALE

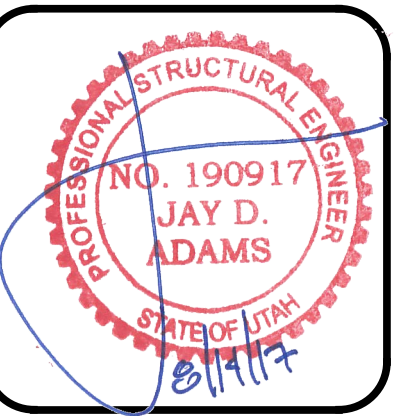


- ① - DIAPHRAGM EDGE NAILING SEE FRAMING NOTES
- ② - SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN

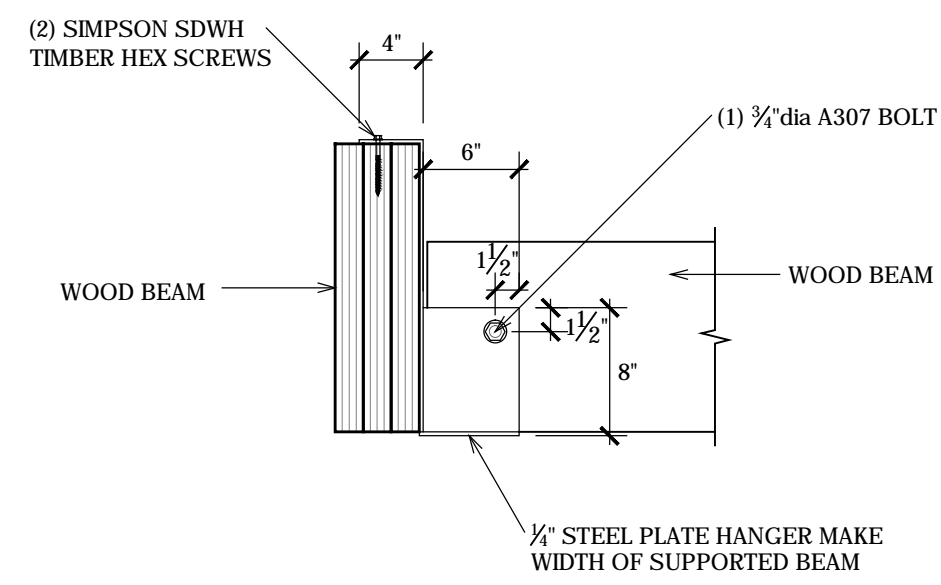
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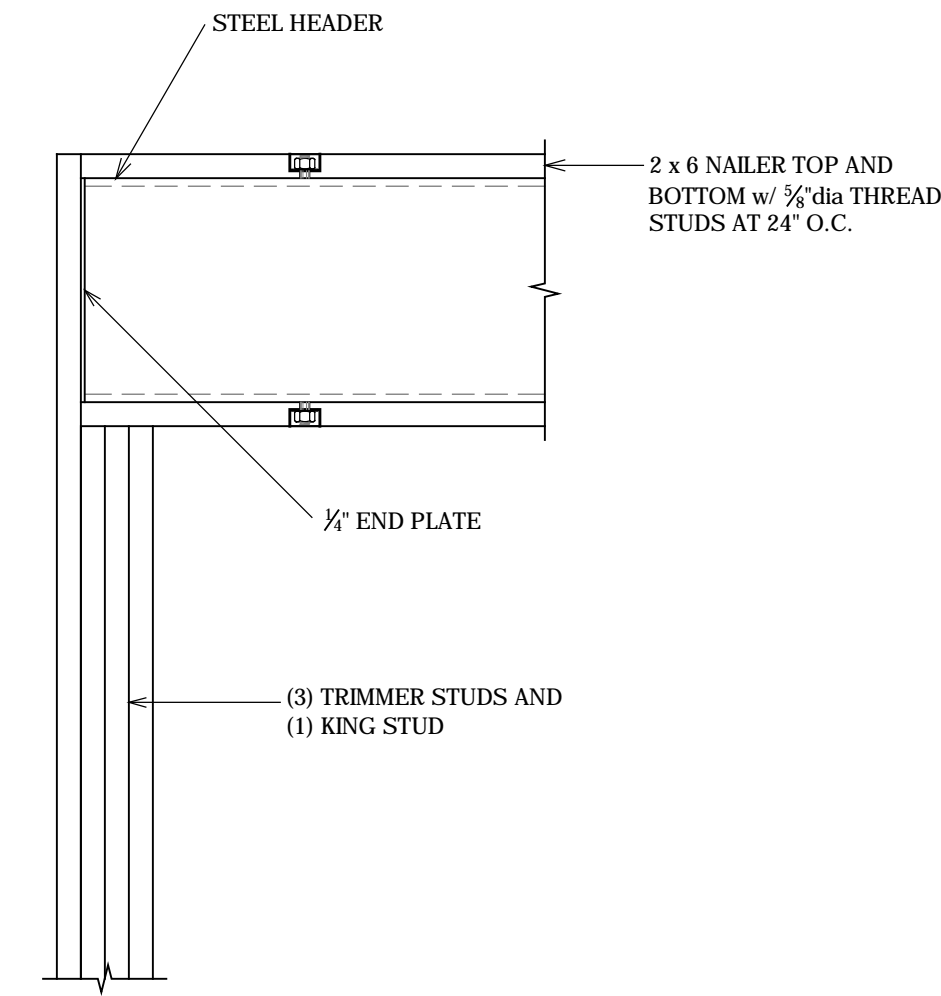
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 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE  
PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
MEM DATE: 08/24/17  
WEST COAST CODE CONSULTANTS, INC.



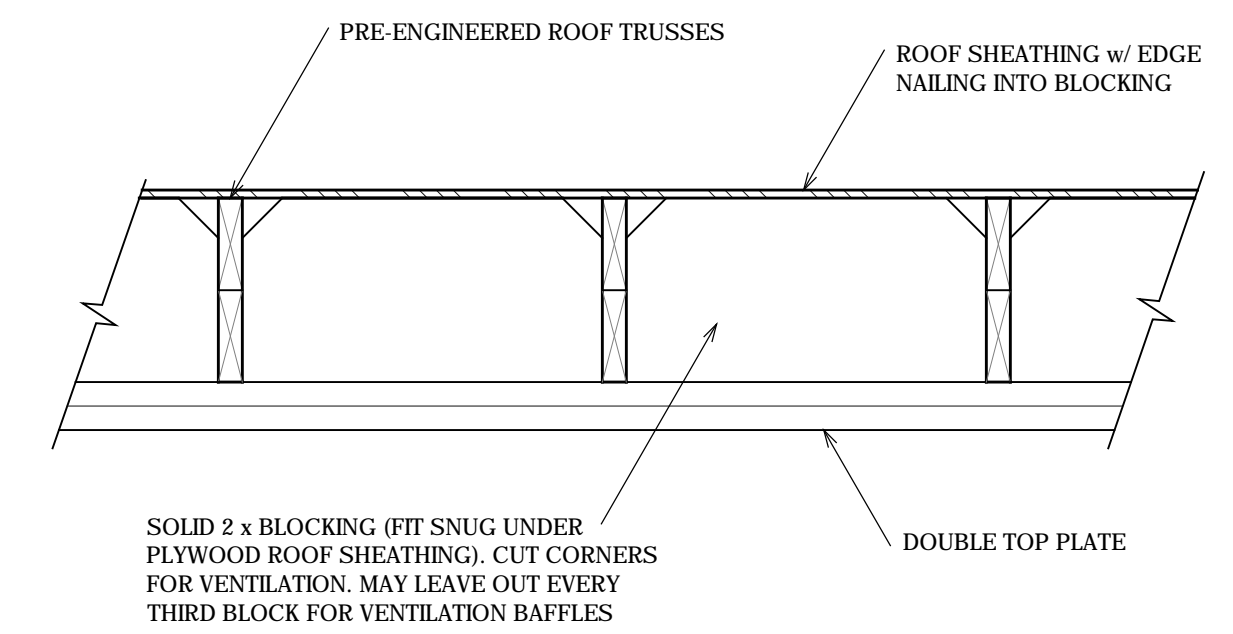
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CHECKED BY: J.D.A.  
SCALE: AS SHOWN  
DATE: JULY 21, 2017  
JOB No. 17-088



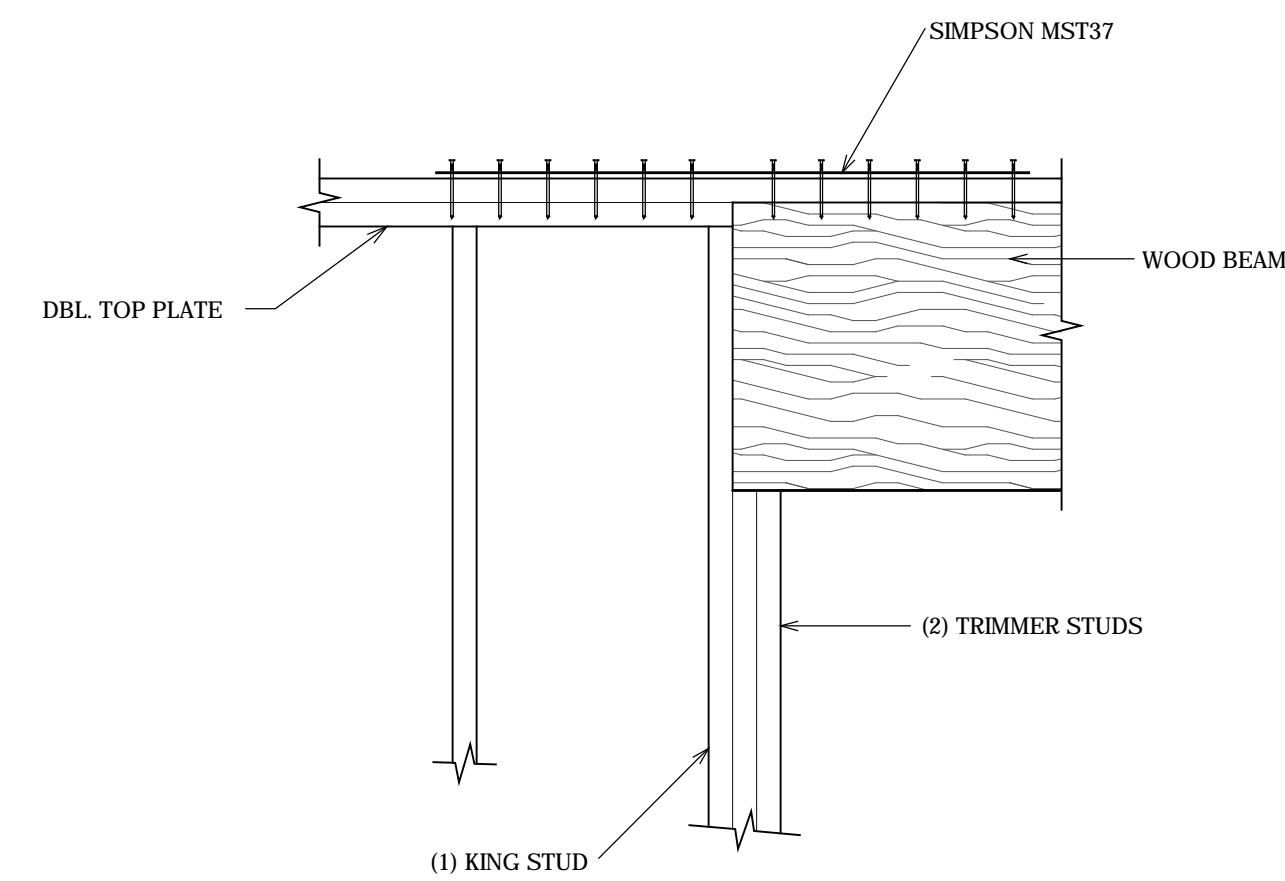
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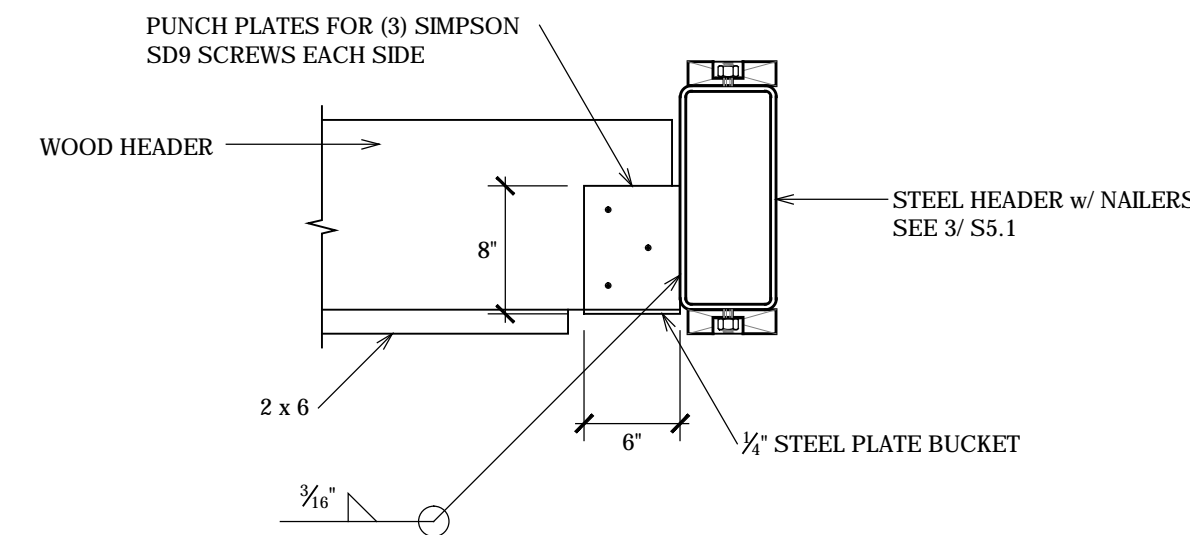
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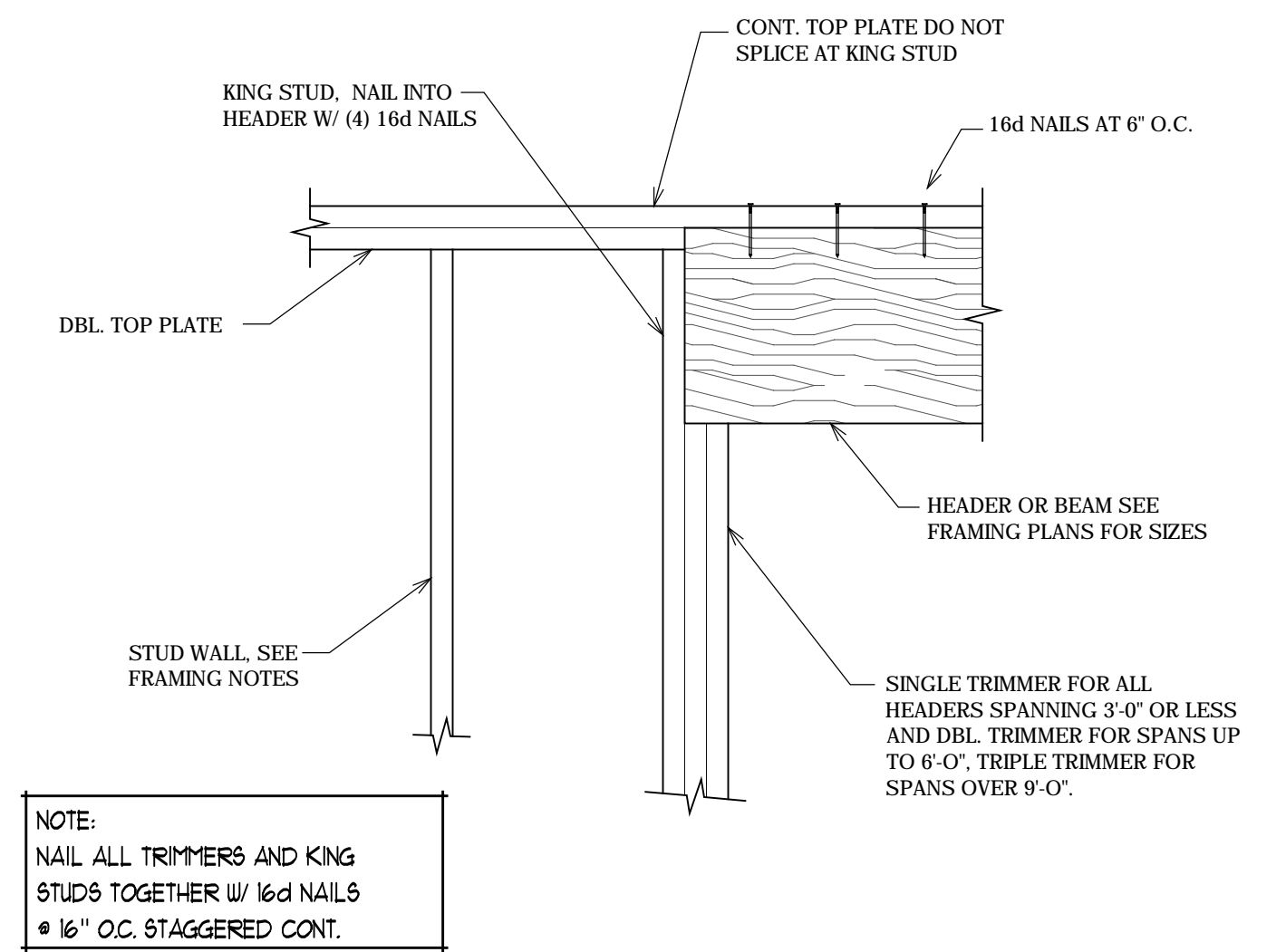
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8 CONSTRUCTION DETAIL  
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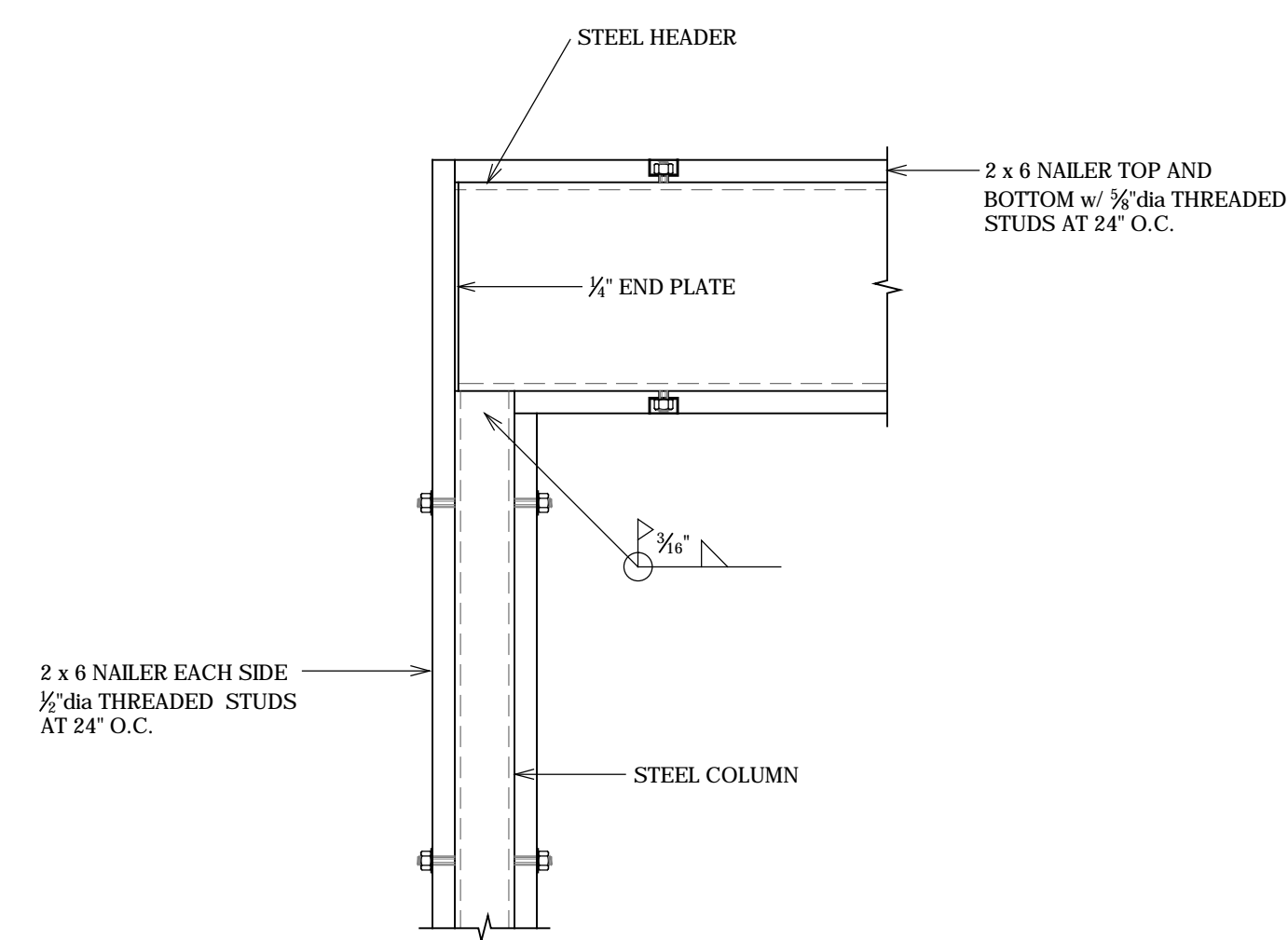


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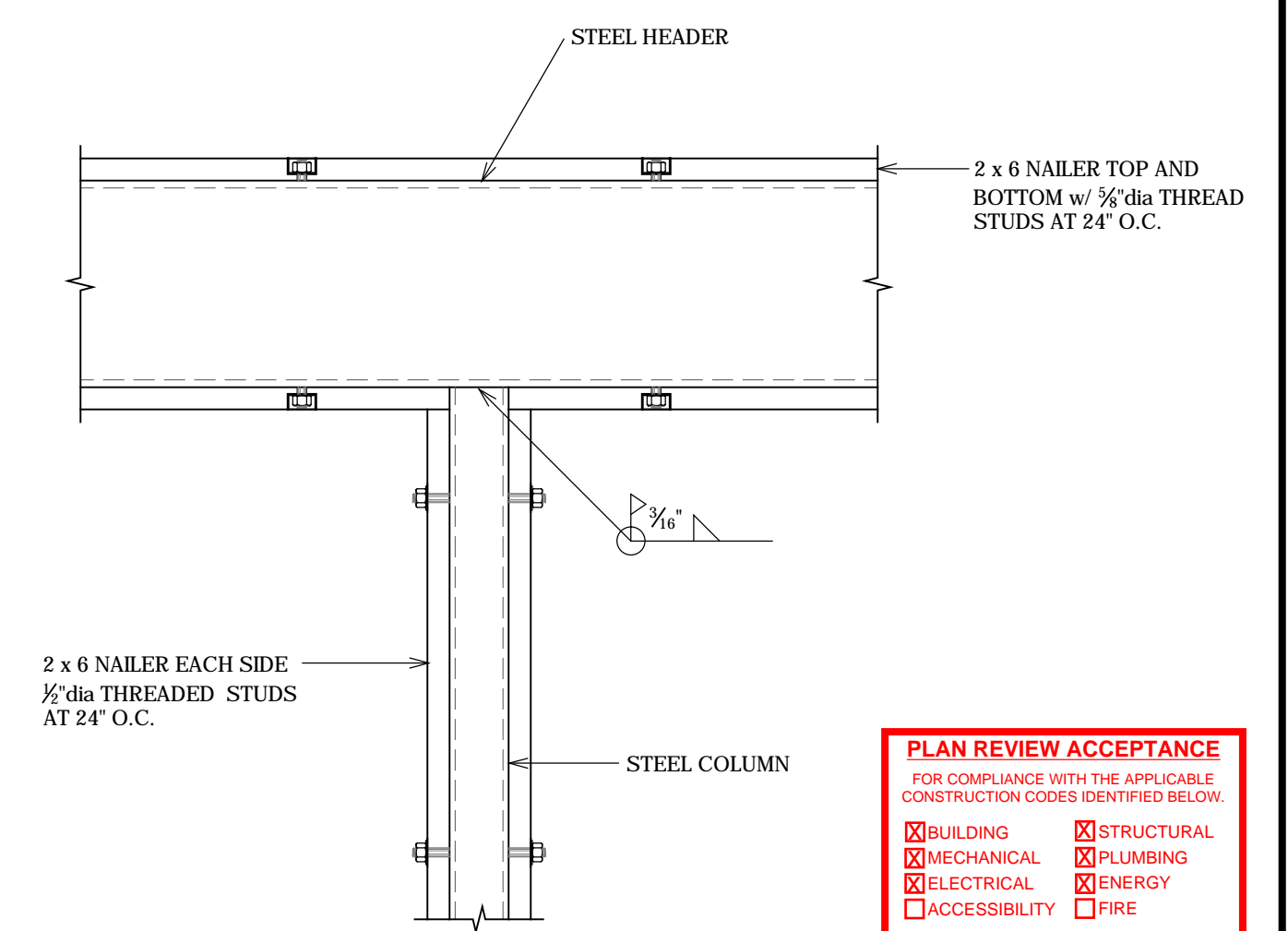


NOTE:  
NAIL ALL TRIMMERS AND KING STUDS TOGETHER W/ 16d NAILS @ 16\"/>

2 CONSTRUCTION DETAIL  
S5.2 NO SCALE

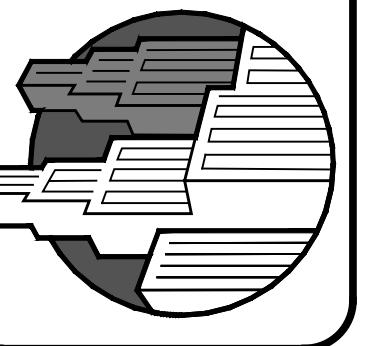


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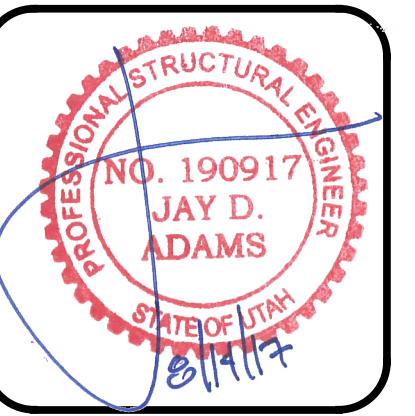


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**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:  
 BUILDING  STRUCTURAL  
 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE  
PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
BY: MEM DATE: 08/24/17  
WEST COAST CODE CONSULTANTS, INC.



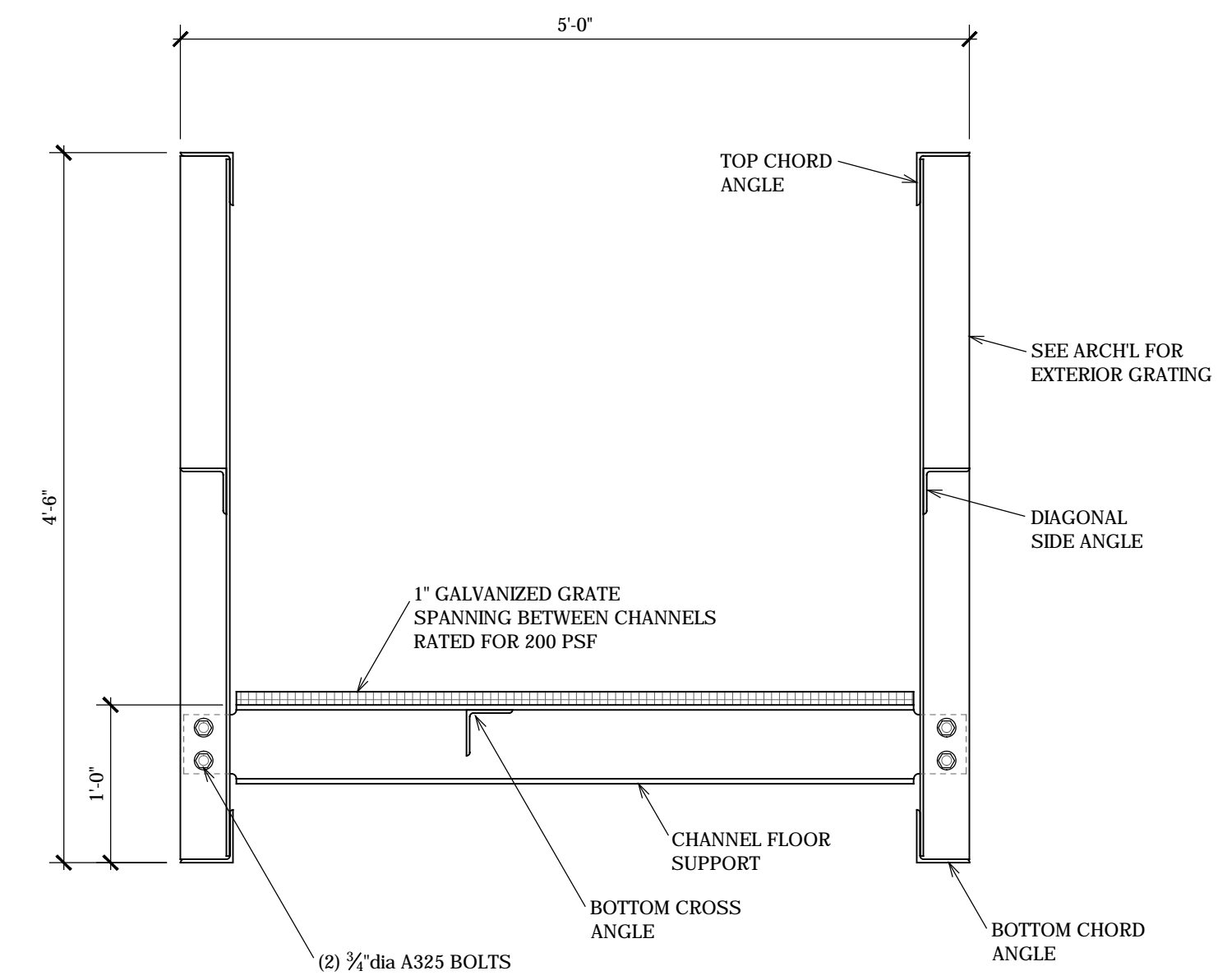
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**POWDER MOUNTAIN CABIN 1000**



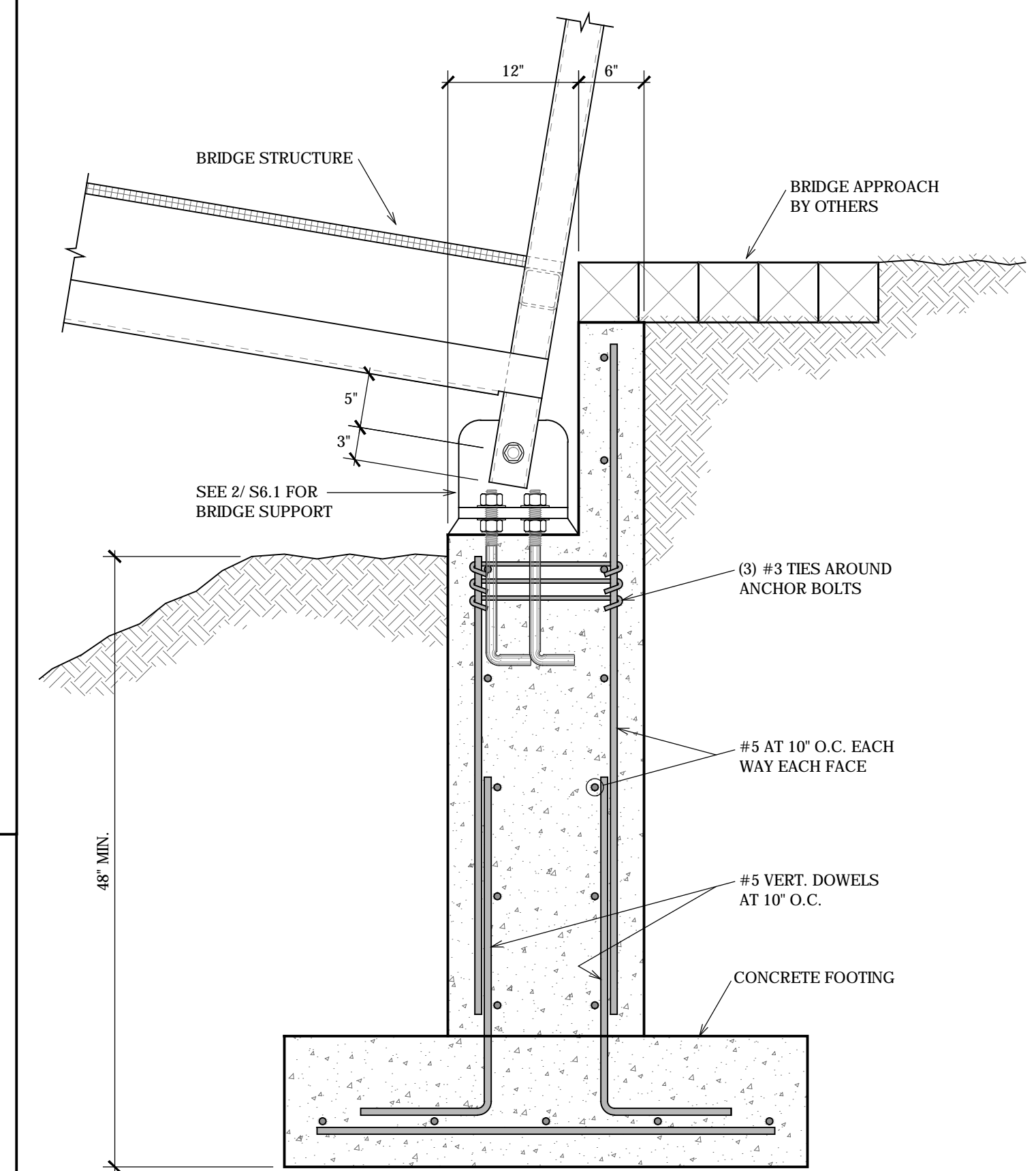
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**CONSTRUCTION DETAILS**

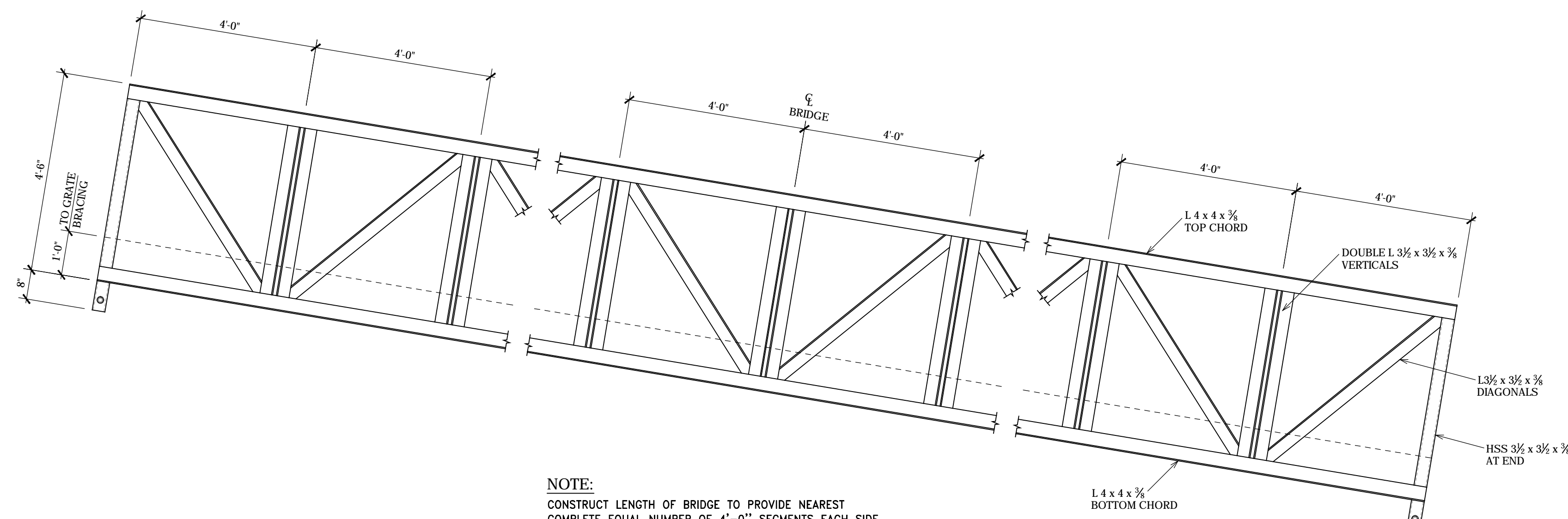
SHEET No.  
**S5.2**



3 CONSTRUCTION DETAIL  
S6.1 NO SCALE



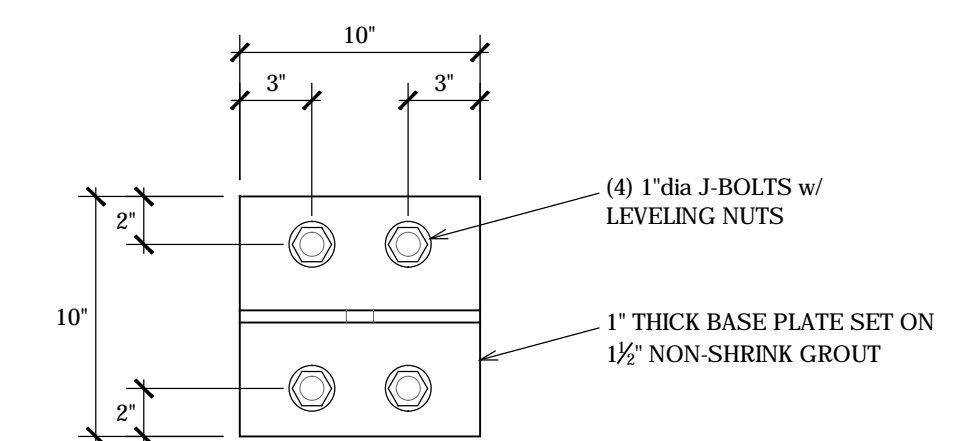
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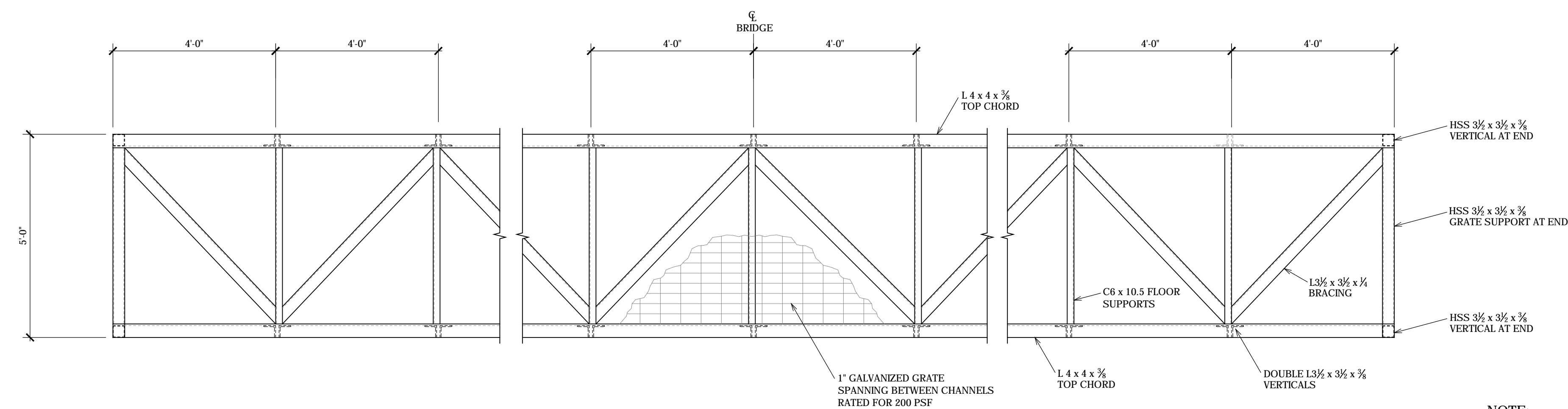
NOTE:  
CONSTRUCT LENGTH OF BRIDGE TO PROVIDE NEAREST COMPLETE EQUAL NUMBER OF 4'-0" SEGMENTS EACH SIDE OF CENTERLINE NOT TO EXCEED 48'-0" OVERALL LENGTH

NOTE:  
ALL CONTACT POINTS TO BE WELDED ALL AROUND WITH 3/16" FILLET WELDS

4 SIDE ELEVATION  
S6.1 NO SCALE

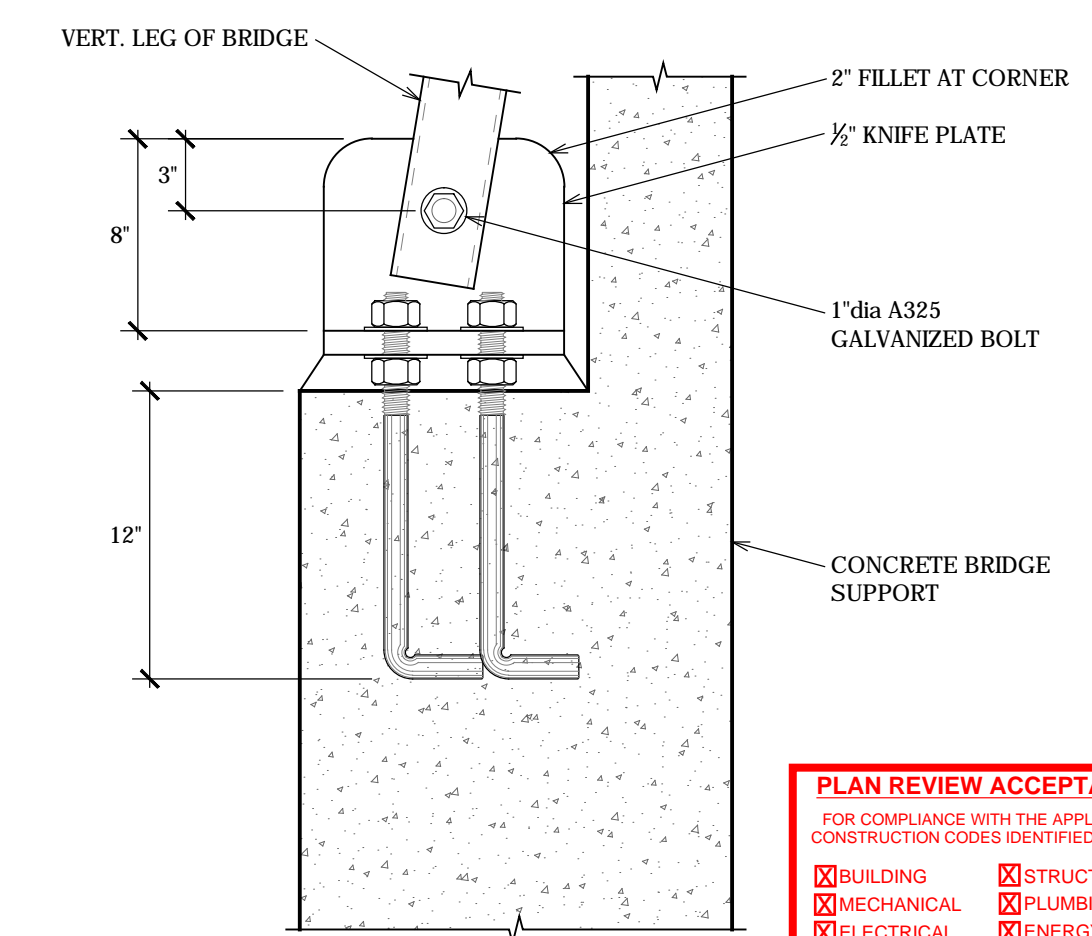


PLAN VIEW



NOTE:  
ALL CONTACT POINTS TO BE WELDED ALL AROUND WITH 3/16" FILLET WELDS

5 PLAN VIEW  
S6.1 NO SCALE



SECTION VIEW

2 CONSTRUCTION DETAIL  
S6.1 NO SCALE

**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW

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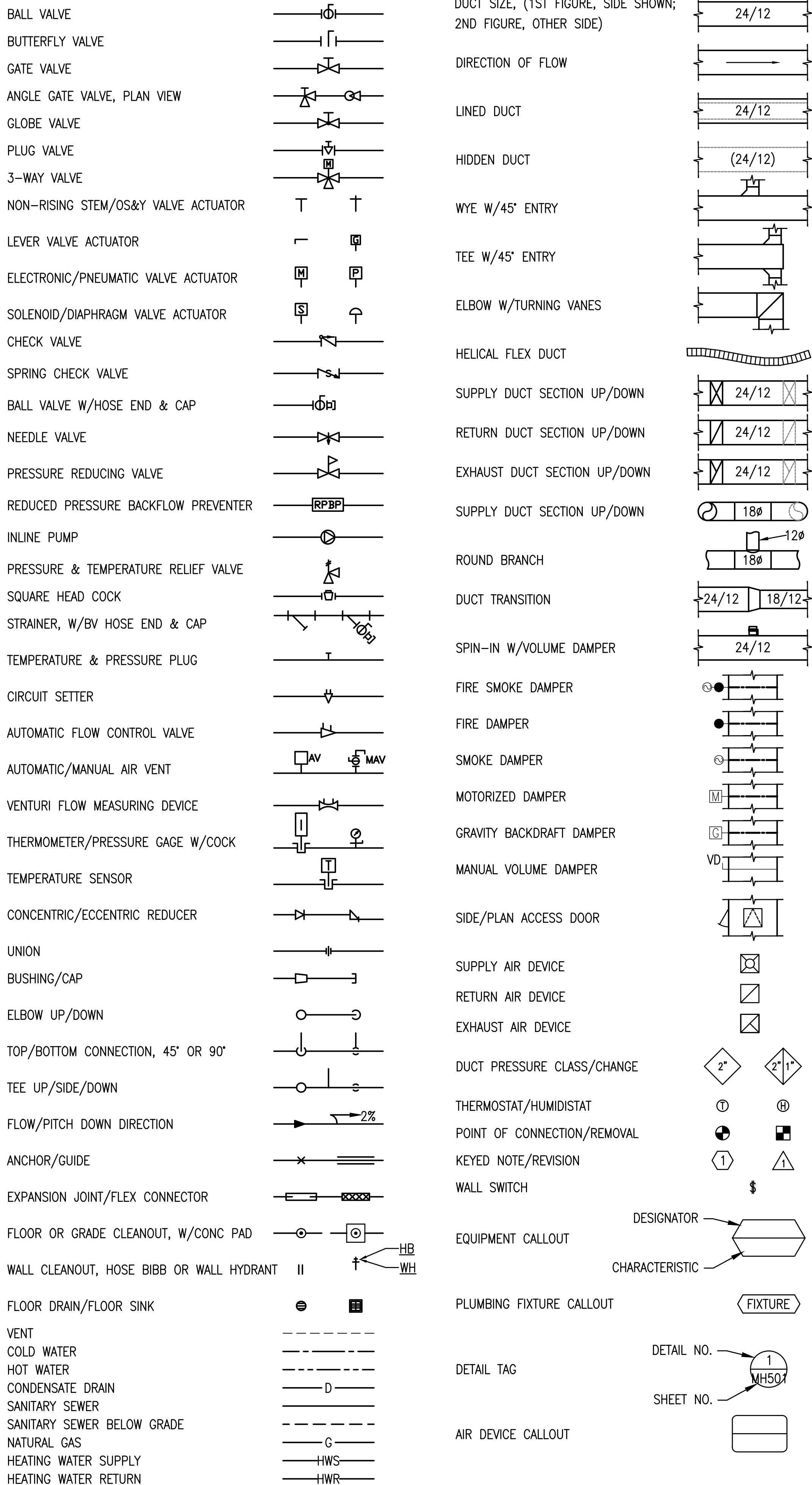
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MEM DATE 08/24/17  
WEST COAST CODE CONSULTANTS, INC.

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ABBREVIATIONS

Table with 6 columns: Abbreviation, Description, Abbreviation, Description, Abbreviation, Description. Includes terms like ABS, ACCU, A/C, AD, ADA, AF, AFF, AHU, ALT, AMB, AMP, AP, APD, ARCH, AS, AV, B, BAL, BAS, BBR, BDD, BFP, BFM, BHP, BI, BOD, BOP, BT, BTU, BTUH, BV, C, CA, CAP, CAV, C/C, CC, CD, CFM, CFOI, CHW, CO, CO2, CONC, COND, CONT, COP, COTG, CPVC, CT, CU, CV, CUH, CW, DA, dB, DB, DDC, DF, DIA, DMPR, DP, DR, DSN, DW, DWG, DWV, DX, (E) EXIST, EAT, EC, ECON, EDH, EER, EF, EFF, EL, ELEV, EMER, ENCL, ESP, ET, EUH, EVAP, EWB, EWC, EWH, EWS.

MECHANICAL LEGEND



PROJECT NOTES

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH 2015 INTERNATIONAL BUILDING CODE, 2015 INTERNATIONAL MECHANICAL CODE, 2015 INTERNATIONAL PLUMBING CODE, 2015 INTERNATIONAL FUEL GAS CODE, 2015 INTERNATIONAL RESIDENTIAL CODE AND 2015 INTERNATIONAL ENERGY CODE, INCLUDING STATE AND LOCAL AMENDMENTS, SUBJECT TO AUTHORITY HAVING JURISDICTION INTERPRETATION.
2. CLOSELY COORDINATE NEW MECHANICAL AND PLUMBING CONSTRUCTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL MEMBERS. DUCTWORK AND PIPE ROUTING IS APPROXIMATE, DIAGRAMMATIC AND IS NOT TO BE SCALED. PROVIDE ALTERNATE ROUTING, OFFSETS AND TRANSITIONS AS REQUIRED FOR COORDINATION OF ALL WORK WITHOUT ADDITIONAL COST.
3. DO NOT SHUT-OFF/PUT OUT SERVICE ANY SYSTEMS/SERVICES WITHOUT FIRST COORDINATING ALL DOWNTIME WITH THE OWNER'S PERSONNEL.
4. PROVIDE SEISMIC RESTRAINT FOR ALL MECHANICAL AND PLUMBING EQUIPMENT AND PIPING IN ACCORDANCE WITH 2012 IBC, IMC, AND IPC. SEISMIC BUILDING CATEGORY (IBC) "II", SITE CLASS "D", SD1=0.365, AND SDS=0.686.
5. CONTRACTOR SHALL PROVIDE 1 YEAR STANDARD WARRANTY.
6. SUBMIT ALL EQUIPMENT, AIR DEVICES, VALVES, FITTINGS, PIPE MATERIALS, INSULATION, AND ACCESSORIES TO BE USED IN PROJECT. SUBMIT ALL EQUIPMENT AND ACCESSORIES LISTED ON MECHANICAL SCHEDULE SHEET. SUBMIT ELECTRONIC SUBMITTAL TO ARCHITECT FOR REVIEW AND APPROVAL BY ENGINEER. DO NOT PLACE ORDER UNTIL ENGINEER HAS REVIEWED AND APPROVED SUBMITTAL.
7. RECORD ALL FIELD CHANGES ON RECORD DRAWINGS AND SUBMIT TO ENGINEER DURING PROJECT CLOSE OUT.
8. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS.
9. PROJECT ELEVATION IS 8800 FT FOR EQUIPMENT SELECTION.
10. PROVIDE ALL DUCT IN ACCORDANCE WITH SMACNA STANDARDS FOR 2" WC PRESSURE CLASS. SEAL ALL TRANSVERSE AND LONGITUDINAL SEAMS AND JOINTS EXCEPT FOR WELDED OR LOCKING-TYPE LONGITUDINAL JOINTS. DUCT DIMENSIONS SHOWN ARE INSIDE FLOW DIMENSIONS.
11. PROVIDE TEST AND BALANCE REPORT TO ENGINEER FOR REVIEW AND APPROVAL.
12. INSULATE ALL HEATING WATER PIPE WITH 1 1/2" INSULATION WITH ASJ.
13. PROVIDE ISOLATION VALVES SERVING EACH PIECE OF EQUIPMENT.
14. DISINFECT NEW DOMESTIC WATER PIPING. SUBMIT DISINFECTATION REPORT TO ENGINEER FOR REVIEW.
15. ALL WASTE AND VENT IS 2" UNLESS OTHERWISE NOTED.
16. ALL WASTE AND VENT PIPE SHALL BE SCHEDULE 40 ABS, SCHEDULE 40 PVC, OR SERVICE WEIGHT CAST IRON.
17. PROVIDE DEEP SEAL TRAP, TRAP GUARD, OR TRAP PRIMERS ON ALL FLOOR DRAINS, ALL FLOOR SINKS, AND ALL STANDPIPES THAT DO NOT HAVE A RELIABLE SOURCE TO MAINTAIN TRAP SEAL.
18. T-DRILL FITTINGS SHALL NOT BE USED IN THIS PROJECT.
19. INSULATE ALL HOT WATER AND RETURN PIPE WITH 1" INSULATION WITH ASJ. INSULATE ALL COLD WATER PIPE WITH 1/2" INSULATION WITH ASJ.
20. ALL "BRANCH" HOT AND COLD WATER LINES FEEDING ONE OR TWO SINKS OR LAV'S ARE 1/2". DROP IN WALL AND DISTRIBUTE TO SINKS OR LAV'S AS REQ'D. PROVIDE INDIVIDUAL STOPS FOR EACH SINK OR LAV.
21. ALL LIQUID PETROLEUM PIPE SHALL BE SCHEDULE 40 STEEL PIPE WITH SCREWED FITTINGS FOR 2 LB SERVICE. CONTRACTOR MAY USE CSST DOWNSTREAM OF REGULATORS FOR FINAL EQUIPMENT CONNECTION.
22. PROVIDE "DIRT LEG" AHEAD OF EACH PIECE OF FUEL FIRED EQUIPMENT.
23. SUPPORT GAS PIPING WITH METAL PIPE HOOKS, METAL PIPE STRAPS, METAL BANDS, METAL-BRACKETS, METAL HANGERS OR BUILDING STRUCTURAL COMPONENTS WITH SUPPORTS SPACED CLOSER THAN INDICATED IN GAS PIPE SUPPORT SCHEDULE. MOUNT GAS PIPE "TIGHT" TO BUILDING STRUCTURE OR WITHIN 1'-0" OF BUILDING STRUCTURE TO AVOID ADDITIONAL SEISMIC BRACING.

Horizon Neighborhood CABINS
1718 E. Redden Run
Summit Pointe Mountain
Eden, Utah
MacKay-Lyons Sweetapple Architects Limited
2188 Gottingen St.
Hallifax, Nova Scotia
Canada B3K 3B4
ph: (902) 429.1867
fax: (902) 429.8276

mss Mechanical Service & Systems, Inc.
1055 South 700 West
Salt Lake City, UT 84104
801-255-9333
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986 WEST ATHERTON DRIVE, SUITE 200
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SHEET LIST

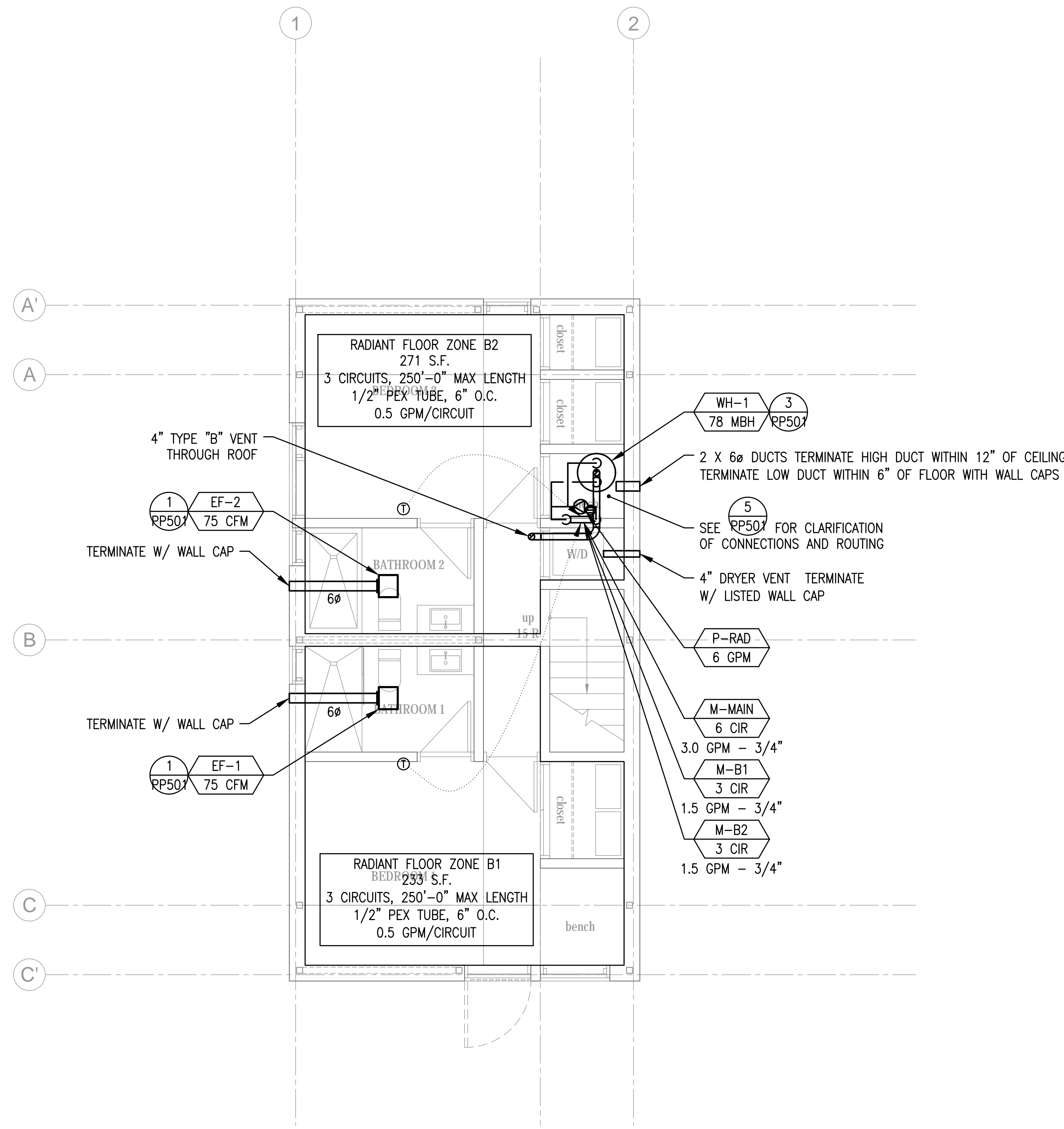
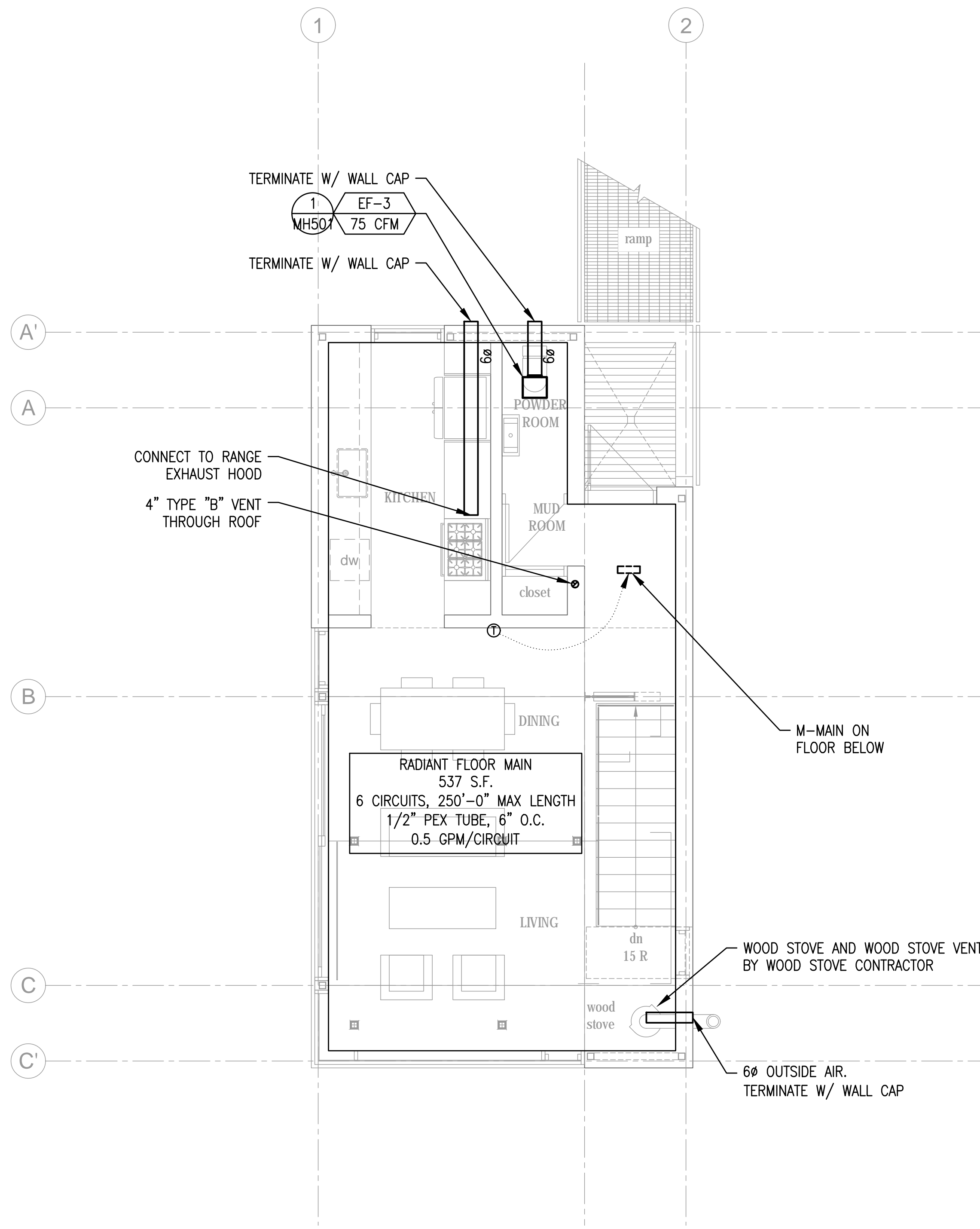
- MH001 - MECHANICAL LEGEND AND NOTES
MH101 - MECHANICAL FLOOR PLANS
PP100 - PLUMBING LOWER FP - BELOW FLOOR
PP101 - PLUMBING FLOOR PLANS - WASTE AND VENT
PP102 - PLUMBING FLOOR PLANS - DOMESTIC
PP501 - PLUMBING DETAILS
PP601 - PLUMBING SCHEDULES
PP901 - PLUMBING WASTE AND VENT ISOMETRIC

MECHANICAL LEGEND AND NOTES

scale: AS NOTED
date: 03/13/2017
drawn: STAFF
chkd: SMD
MH001

per mit set - march 13, 2017

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 Architects Limited  
 2188 Gorington St.  
 Halifax, Nova Scotia  
 Canada B3K 3B4  
 ph: (902) 429.1867  
 fax: (902) 429.6276

**mss**  
 Mechanical Service & Systems, Inc.  
 1055 South 700 West  
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 986 WEST ATHERTON DRIVE, SUITE 200  
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**MECHANICAL FLOOR PLANS**  
 scale: AS NOTED  
 date: 03/13/2017  
 drawn: STAFF  
 chkd: SMD  
**MH101**

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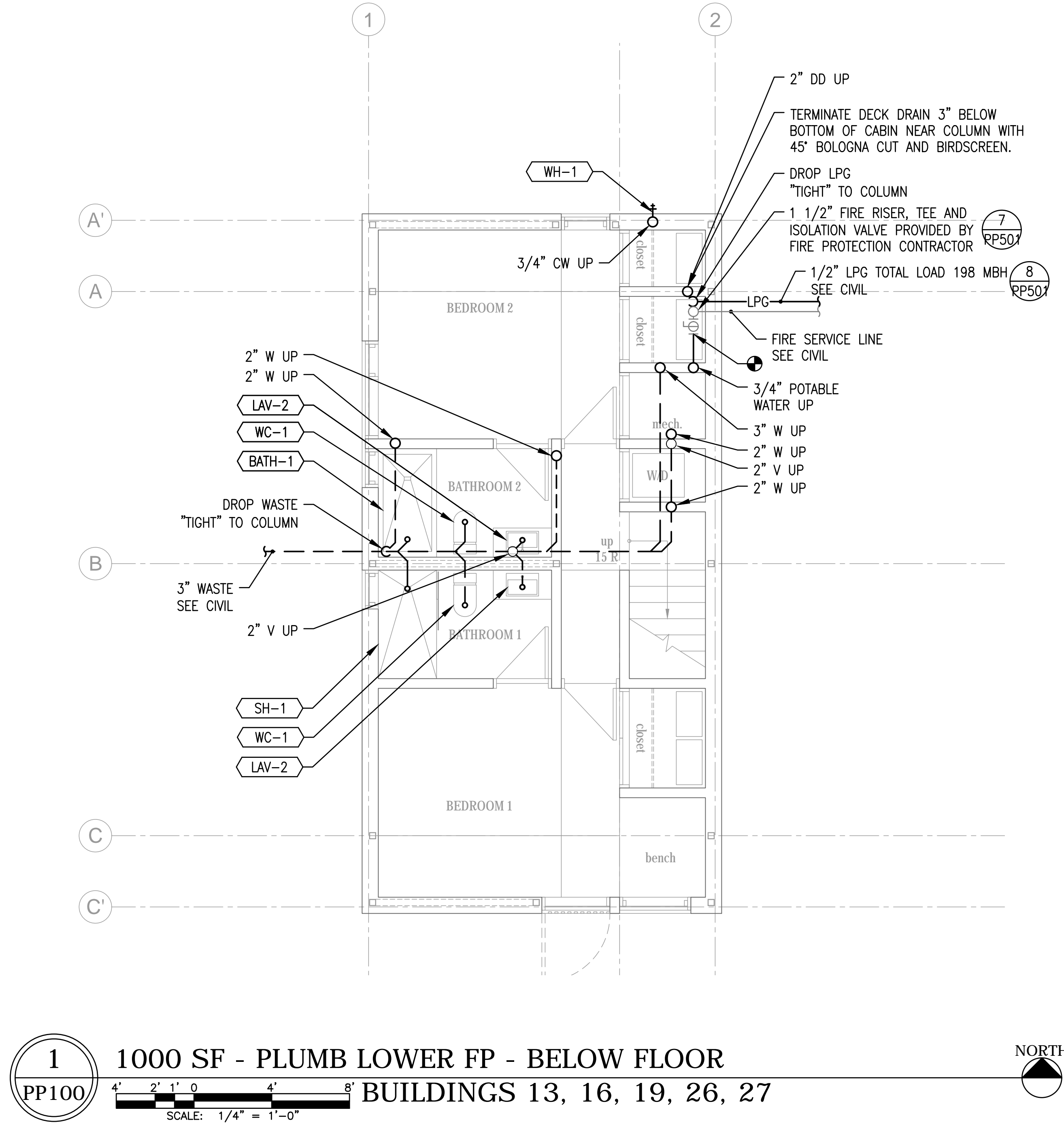
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Salt Lake City, UT 84104  
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986 WEST AHERTON DRIVE, SUITE 200  
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**1** 1000 SF - PLUMB LOWER FP - BELOW FLOOR  
PP100

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

BUILDINGS 13, 16, 19, 26, 27

NORTH

1	CODE REVIEW	08/16/2017
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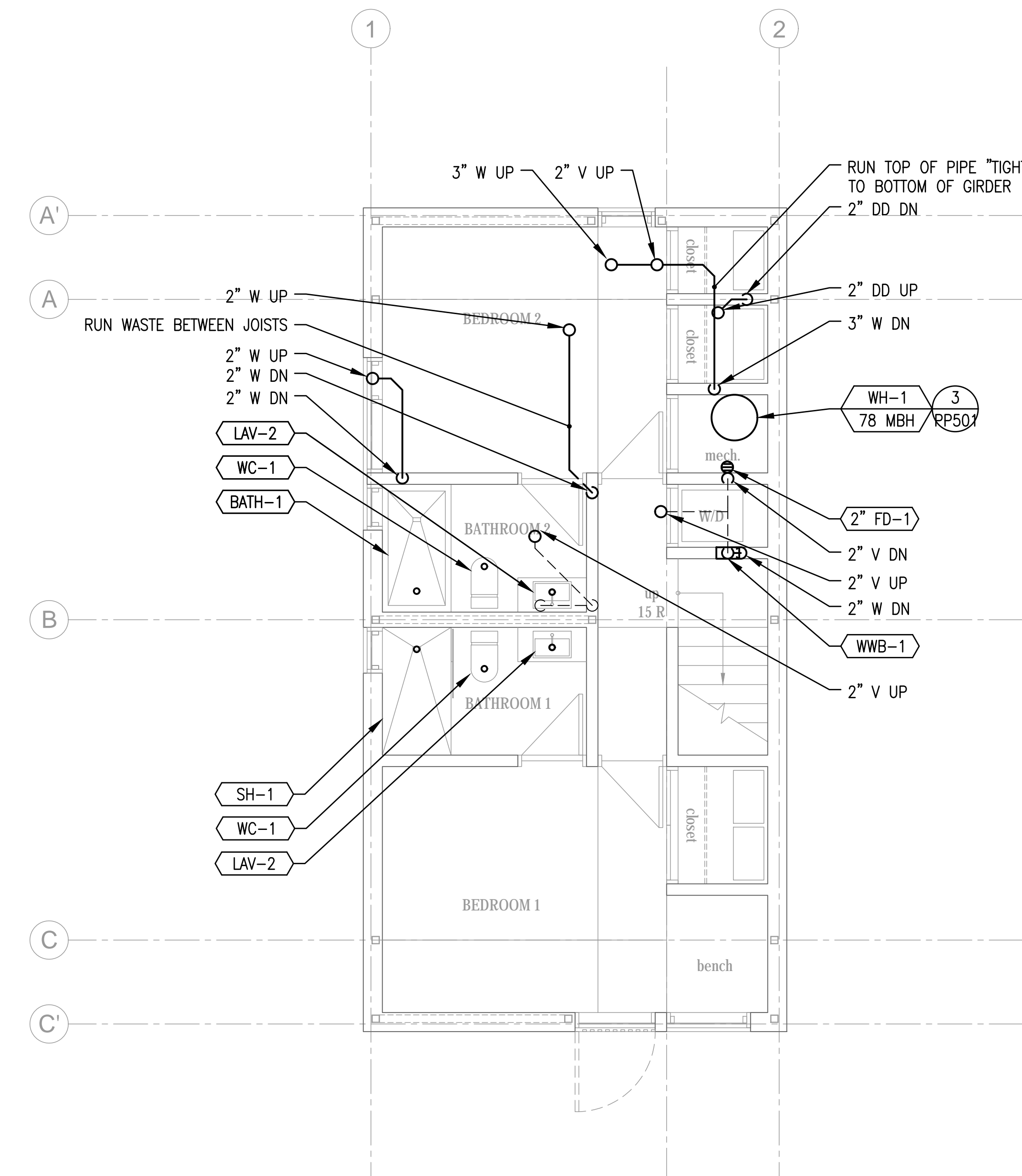
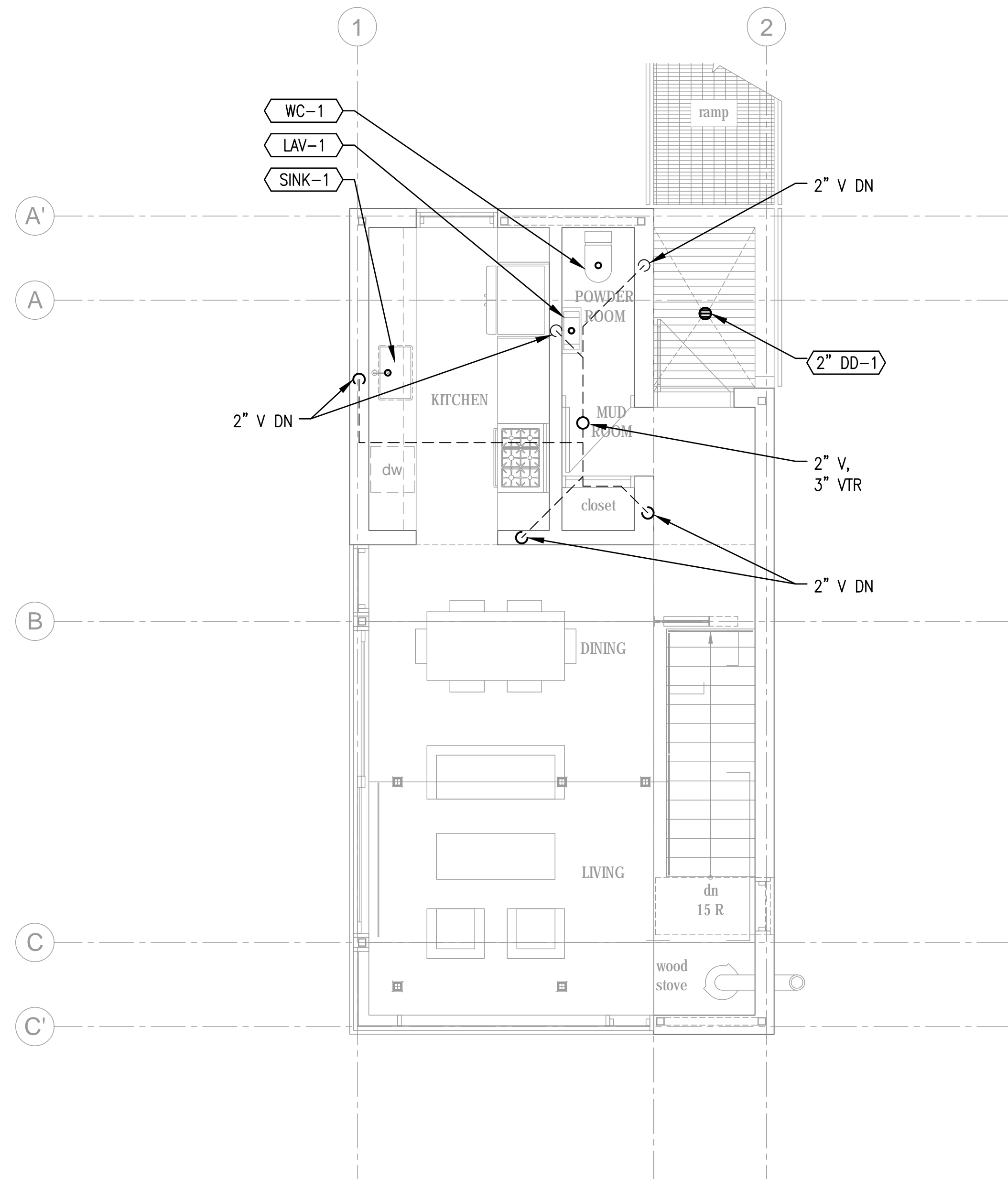
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**PLUMBING  
LOWER  
FLOOR PLAN -  
BELOW  
FLOOR**

scale: AS NOTED  
date: 03/13/2017  
drawn: STAFF  
chk'd: SMD

**PP100**



**2** 1000 SF - PLUMBING MAIN FLOOR PLAN - WASTE AND VENT  
PP101 4' 2' 1' 0 4' 8' BUILDINGS 13, 16, 19, 26, 27  
SCALE: 1/4" = 1'-0"

**1** 1000 SF - PLUMB LOWER FP - ABOVE FLOOR - WASTE AND VENT  
PP101 4' 2' 1' 0 4' 8' BUILDINGS 13, 16, 19, 26, 27  
SCALE: 1/4" = 1'-0"

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**PLUMBING FLOOR PLANS - WASTE AND VENT**  
scale: AS NOTED  
date: 03/13/2017  
drawn: STAFF  
chk'd: SMD  
**PP101**

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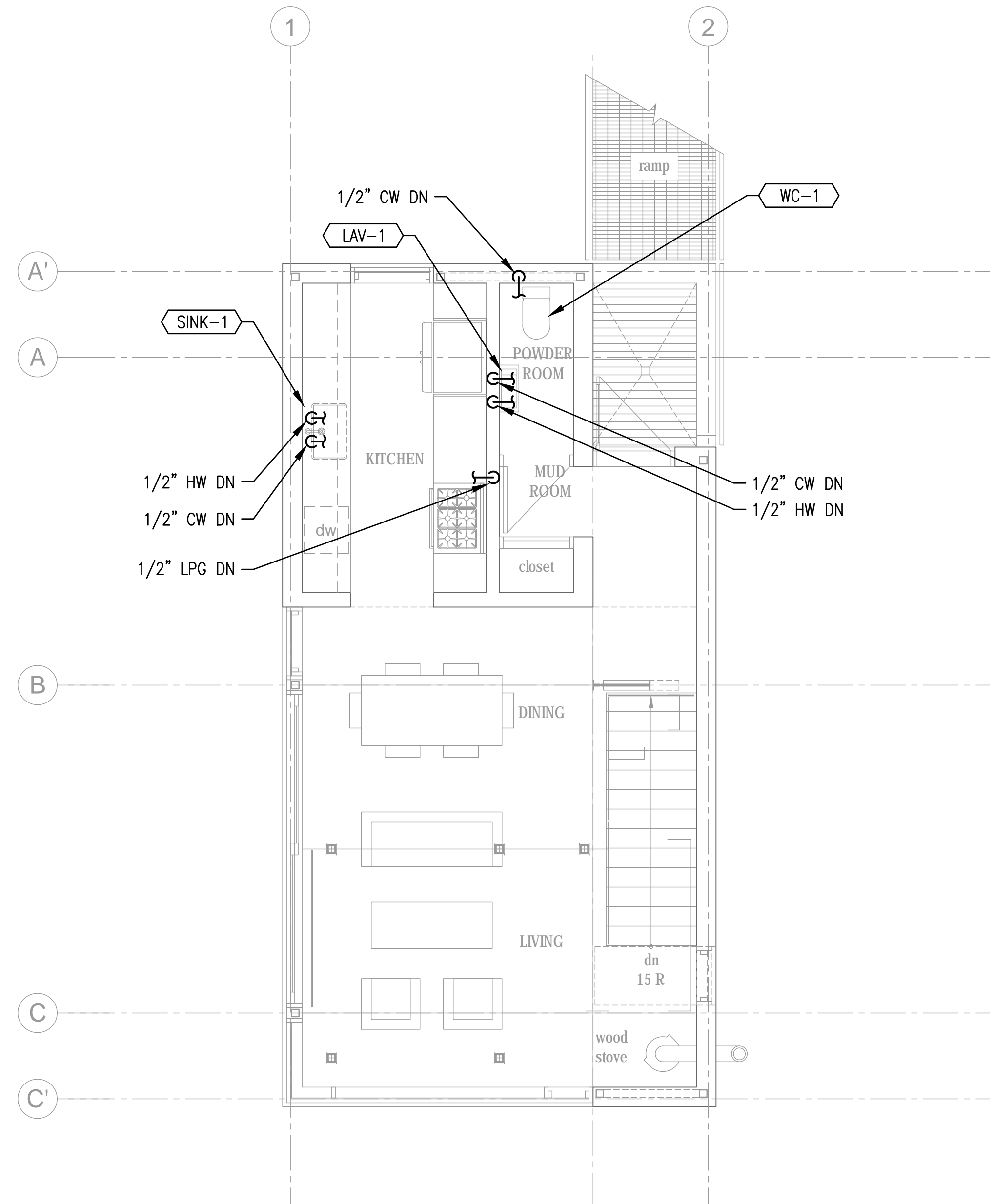
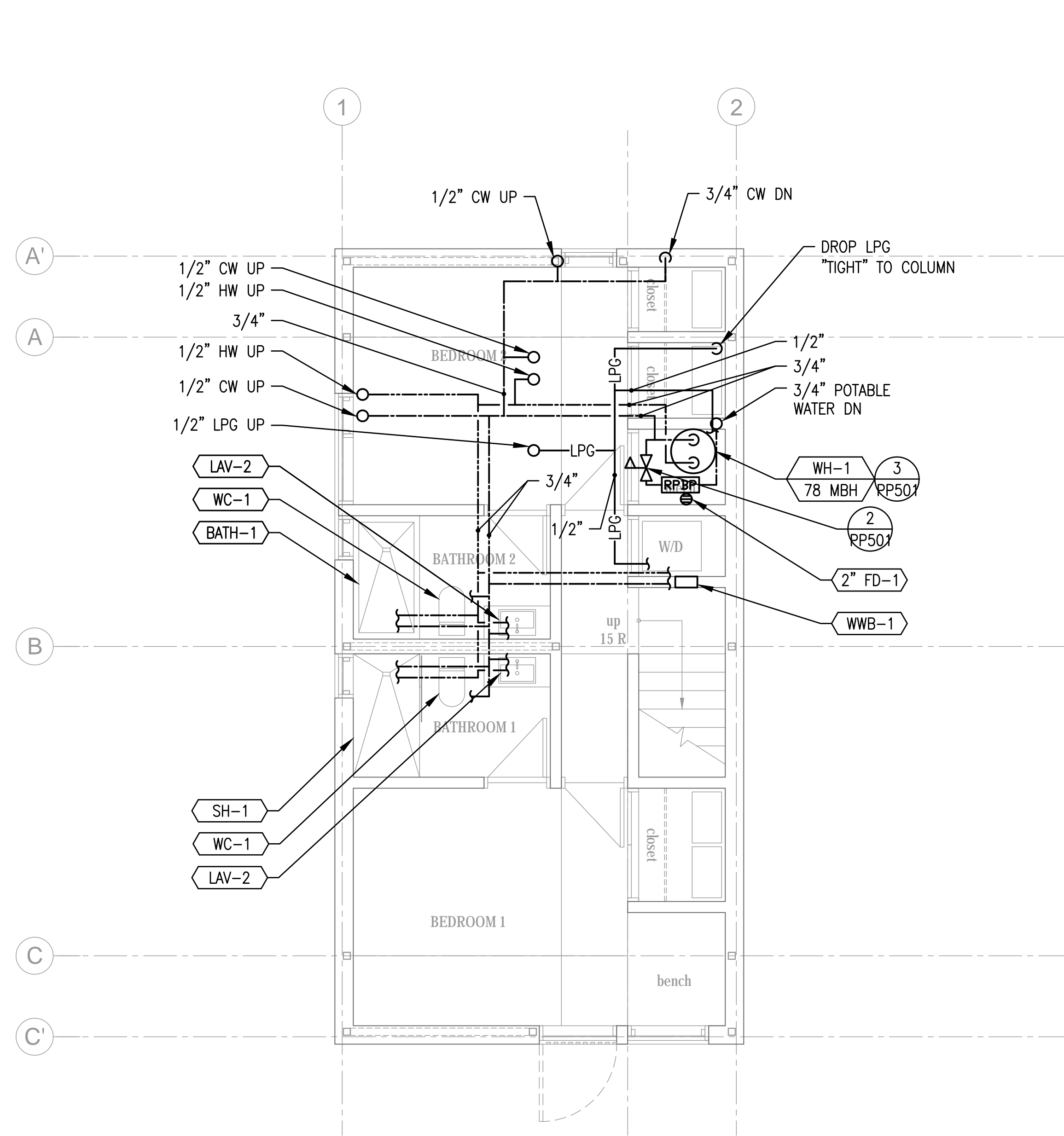
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Salt Lake City, UT 84104  
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1 1000 SF - PLUMBING LOWER FLOOR PLAN - DOMESTIC NORTH

PP102

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

BUILDINGS 13, 16, 19, 26, 27

2 1000 SF - PLUMBING MAIN FLOOR PLAN - DOMESTIC NORTH

PP102

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

BUILDINGS 13, 16, 19, 26, 27

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**PLUMBING FLOOR PLANS - DOMESTIC**

scale: AS NOTED

date: 03/13/2017

drawn: STAFF

chk'd: SMD

PP102

No.	Description	Date
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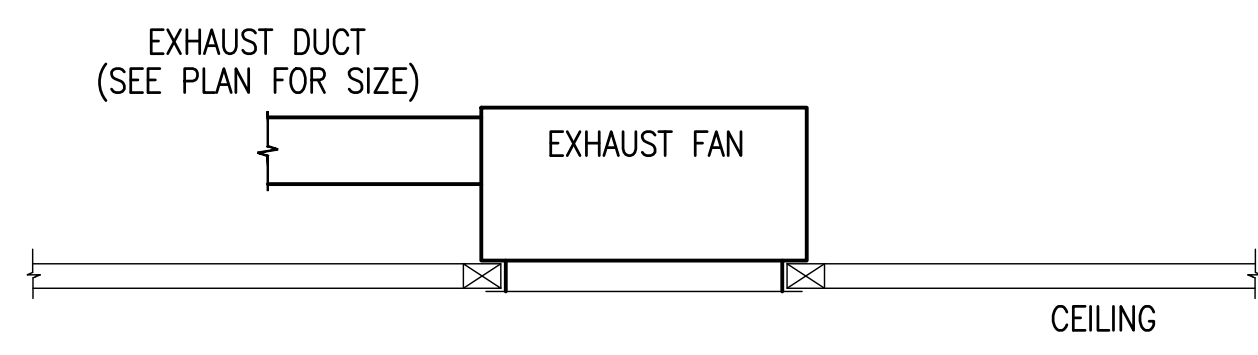
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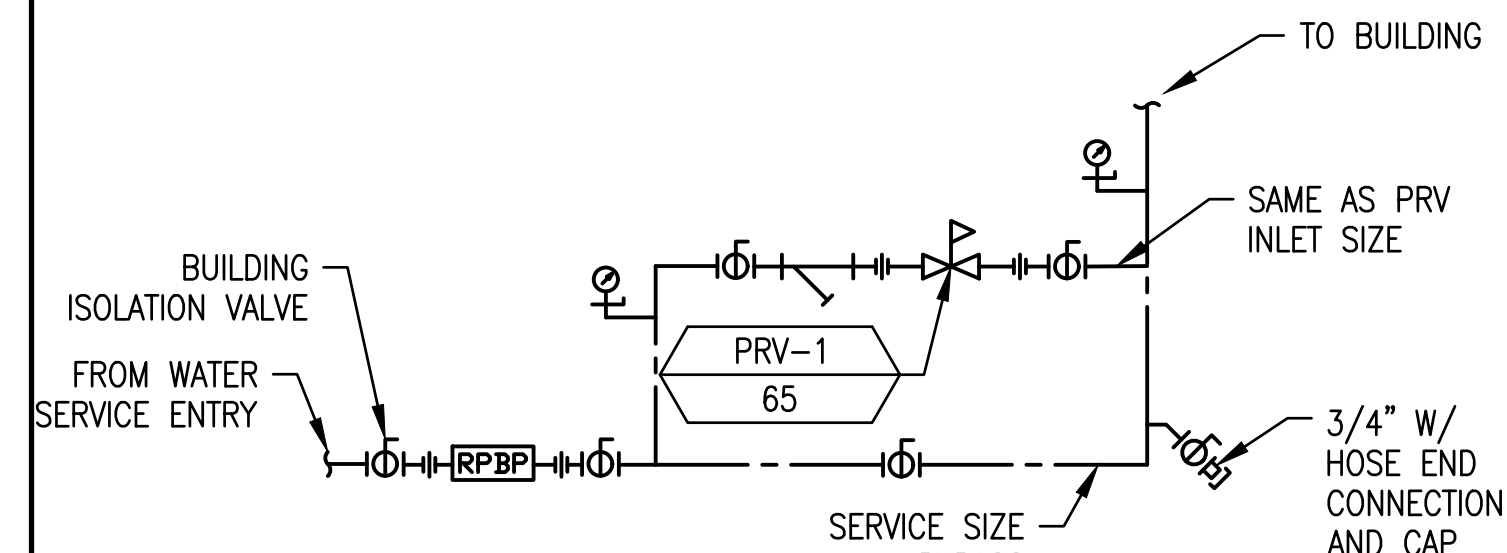
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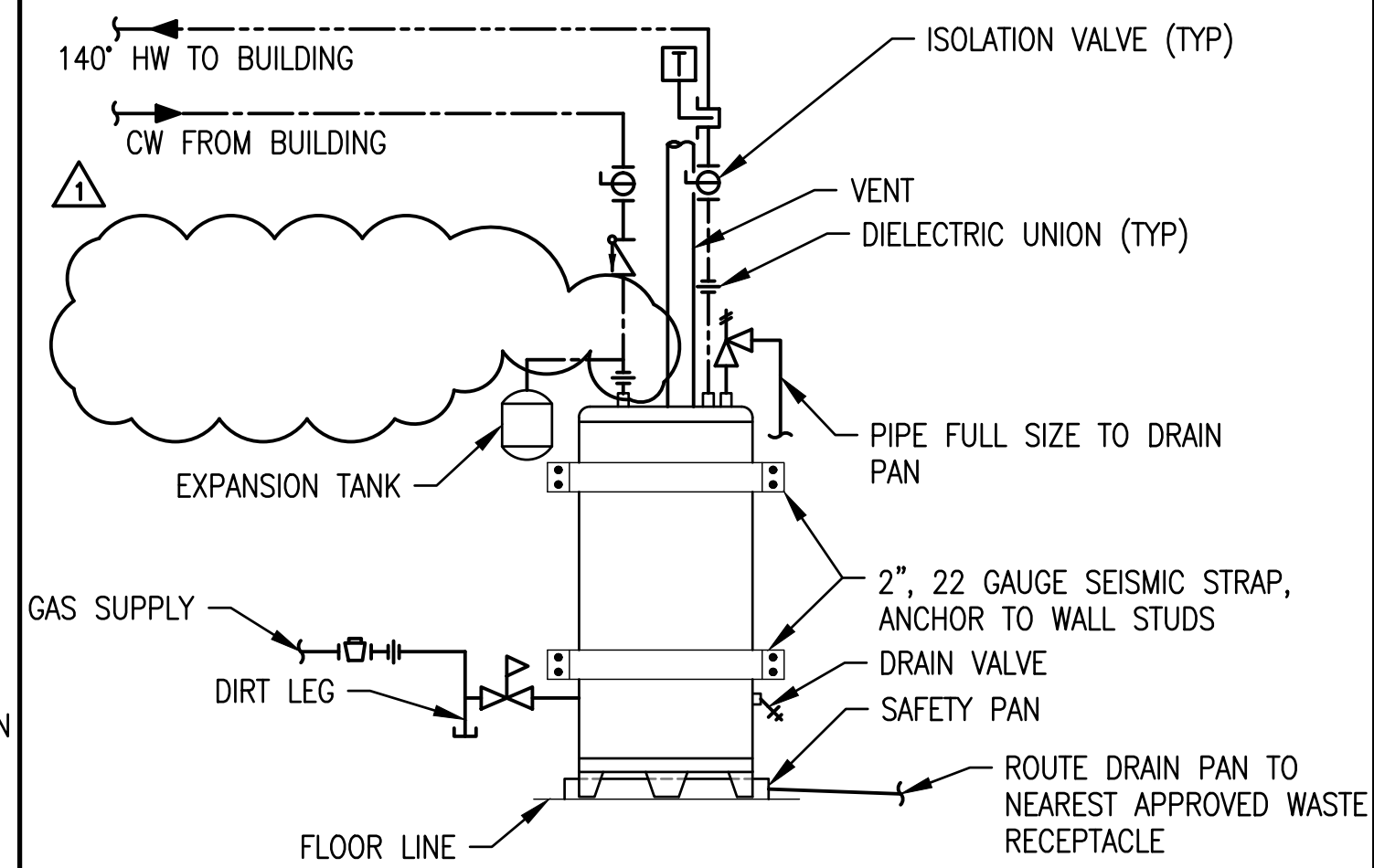
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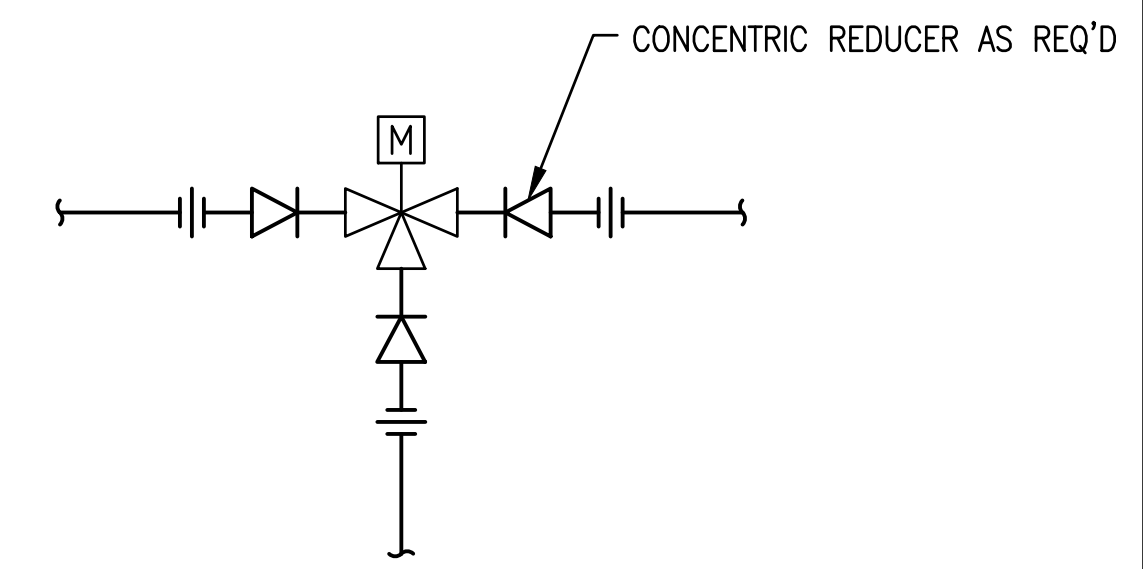
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PP507



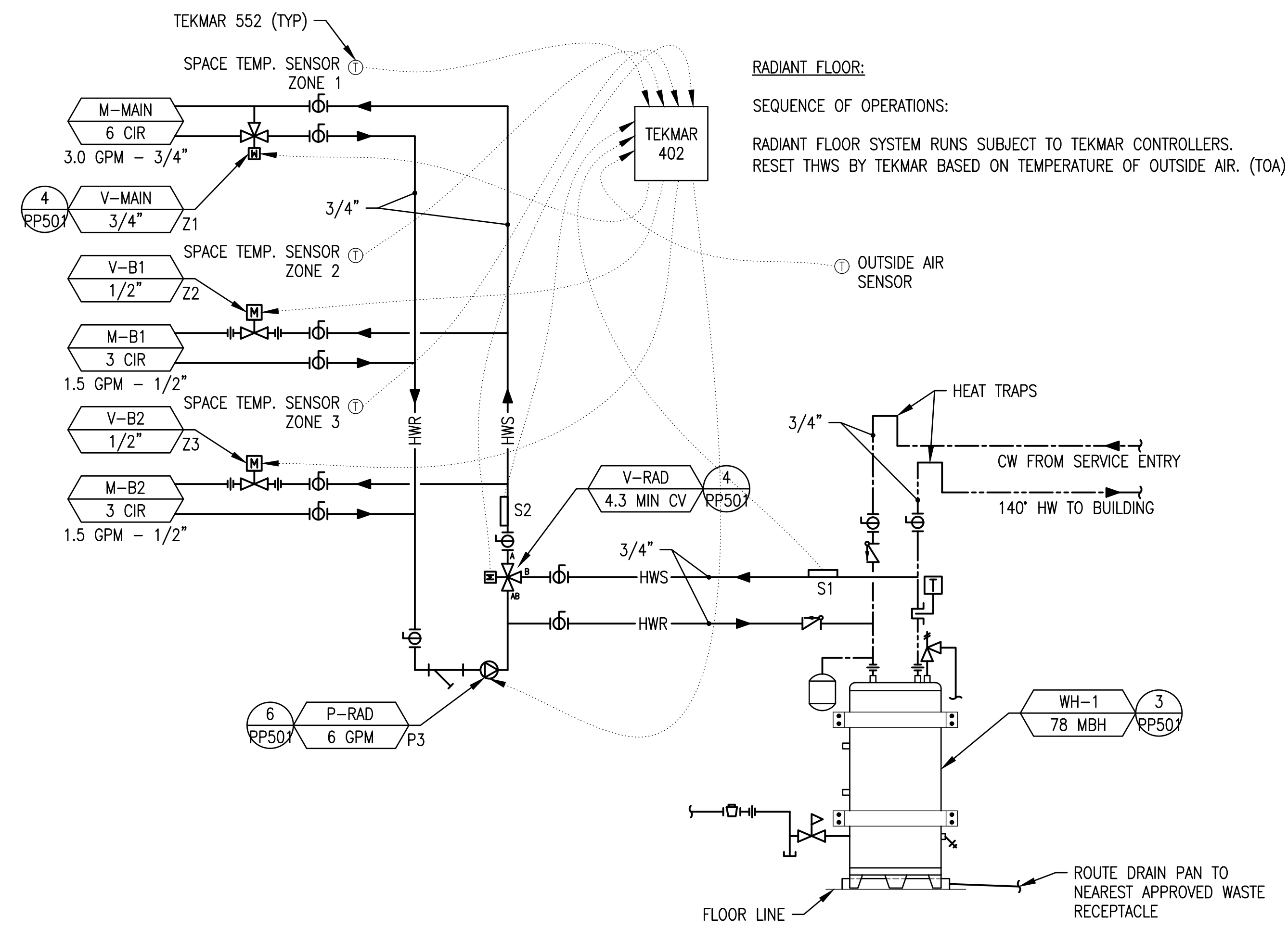
2 PRESSURE REDUCING STATION  
PP507



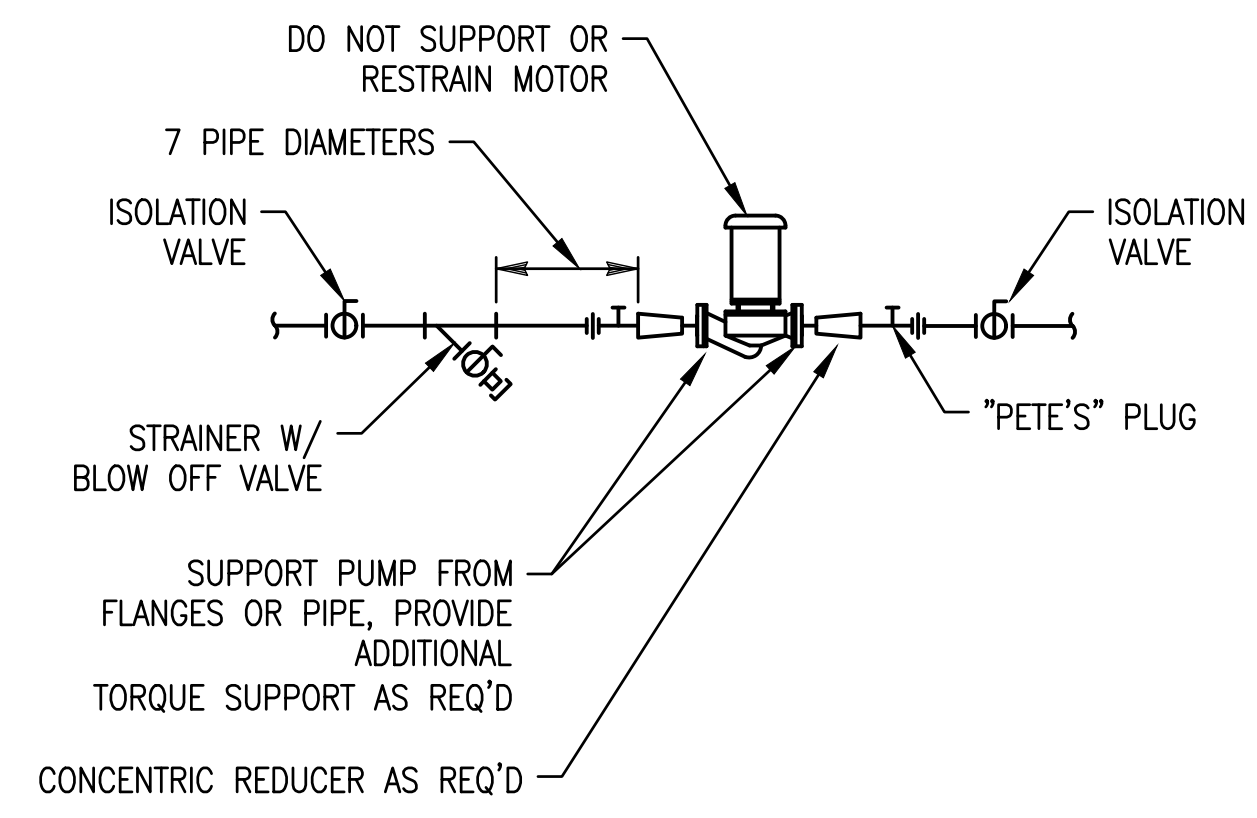
3 GAS FIRED WATER HEATER  
PP507



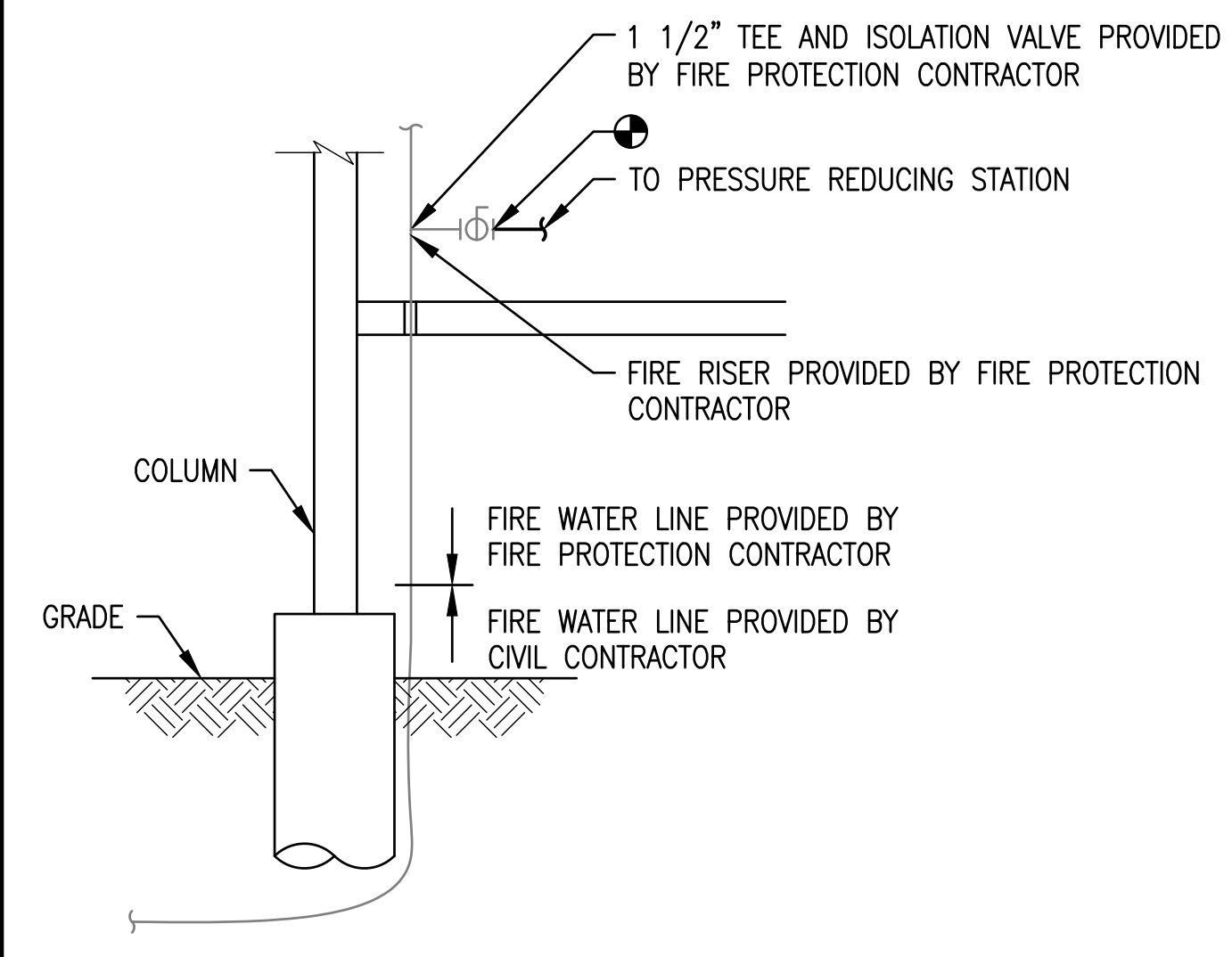
4 MOTORIZED 3-WAY VALVE  
PP507



5 HEATING WATER DIAGRAM  
PP507



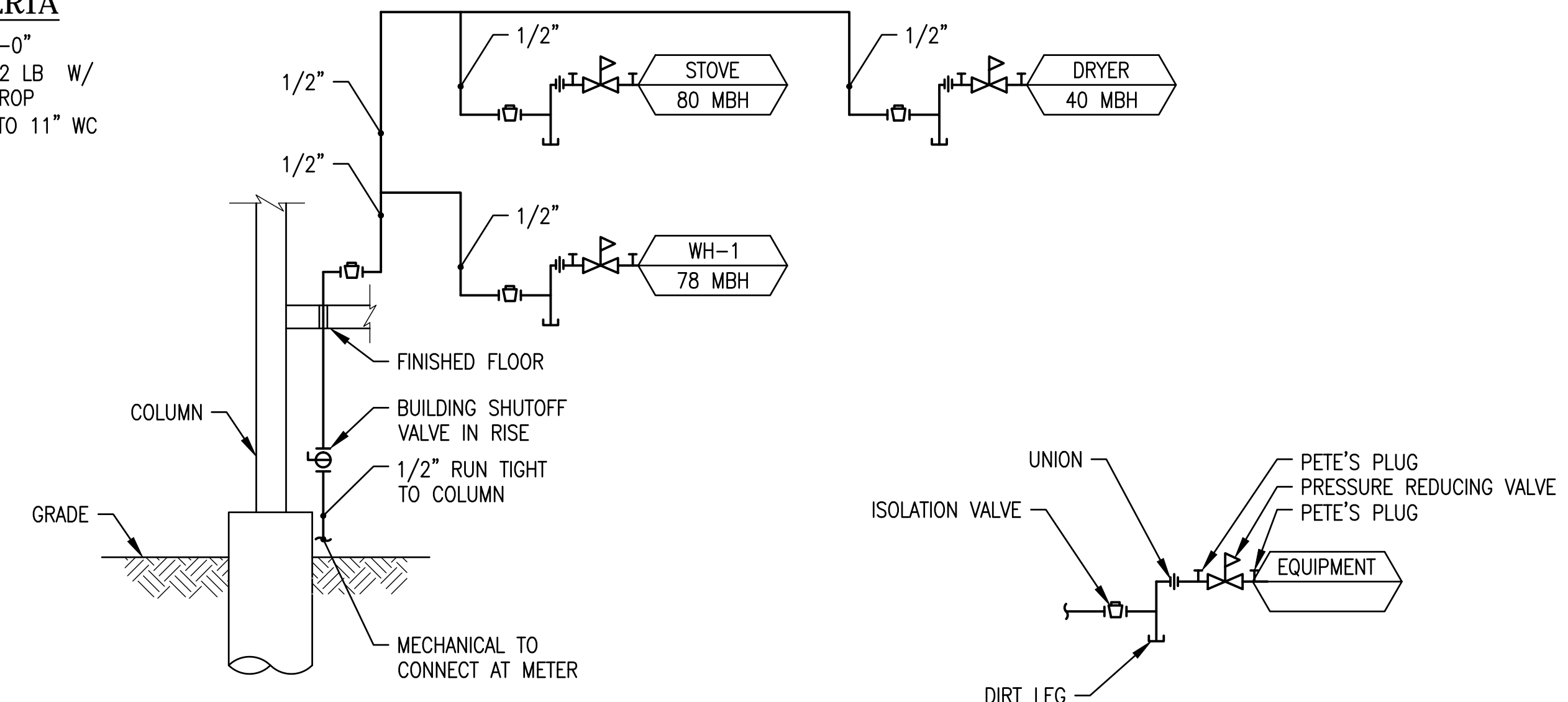
6 PUMP  
PP507



7 WATER SERVICE ENTRANCE  
PP507

**DESIGN CRITERIA**

DESIGN LENGTH: 300'-0"  
SYSTEM PRESSURE: 2 LB W/  
1.0 LBS PRESSURE DROP  
REGULATORS: 2 LB TO 11" WC



8 LIQUID PETROLEUM GAS (LPG) PIPING DIAGRAM  
PP507

Horizon Neighborhood  
CABINS

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Sweetapple  
Architects  
Limited

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Canada B3K 3B4

ph: (902) 429-1887  
fax: (902) 429-8276

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**PLUMBING  
DETAILS**

scale: AS NOTED  
date: 03/13/2017  
drawn: STAFF  
chk'd: SMD

**PP507**

per mit set - mar ch 13, 2017

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PUMP SCHEDULE (P)											
MARK	SYSTEM SERVED	TYPE	GPM	HEAD FT WC	GLYCOL %	MOTOR				MANUFACTURER MODEL	REMARKS
						RPM	BHP	HP	VOLT/PHASE		
P-RAD	RADIANT FLOOR	BOOSTER	6	18	POTABLE	N/A	87 WATTS	N/A	120/1Ø	GRUNDFOS UPS 15-58 FC	W/ BRONZE CASING

PRV SCHEDULE (PRV)					
MARK	SIZE	GPM	PD PSI	SETTING	MANUFACTURER MODEL
PRV-1	3/4	20	10	65	WATTS LFN45B

PIPING LEGEND				
SYSTEM	SIZE	MATERIAL	INSULATION	FITTINGS
UNDERGROUND WASTE AND VENT	ALL	SCHEDULE 40 PVC SOLID CORE	N/A	SOLVENT WELD FITTINGS
UNDERGROUND WASTE AND VENT	ALL	ABS	N/A	SOLVENT WELD FITTINGS
ABOVE GROUND WASTE AND VENT	ALL	NO HUB CAST IRON	N/A	NO HUB CAST IRON
ABOVE GROUND WASTE AND VENT	ALL	ABS/SCHEDULE 40 PVC SOLID CORE	N/A	SOLVENT WELD FITTINGS
DOMESTIC HOT AND RECIRC	ALL	TYPE "L" COPPER	1" FIBERGLASS	PRO-PRESS FITTINGS
DOMESTIC HOT AND RECIRC	ALL	PEX-A	1" FIBERGLASS	MANUFACTURER'S FITTINGS
DOMESTIC COLD	ALL	TYPE "L" COPPER	N/A	PRO-PRESS FITTINGS
DOMESTIC COLD	ALL	PEX-A	N/A	MANUFACTURER'S FITTINGS
ABOVE GROUND HEATING WATER	2 1/2" - 4"	SCHEDULE 40 STEEL	1" FIBERGLASS	WELDED OR GROVED FITTINGS
ABOVE GROUND HEATING WATER	1/2" - 2"	SCHEDULE 40 STEEL	1" FIBERGLASS	MEGA-PRESS OR THREADED FITTINGS
ABOVE GROUND HEATING WATER	ALL	PEX-A W/ OXYGEN BARRIER	1" FIBERGLASS	MANUFACTURER'S FITTINGS
ABOVE GROUND HEATING WATER	2 1/2" - 4"	TYPE "L" COPPER	1" FIBERGLASS	PRO-PRESS FITTINGS
ABOVE GROUND HEATING WATER	1 1/4" - 2"	TYPE "L" COPPER	1" FIBERGLASS	PRO-PRESS FITTINGS
ABOVE GROUND HEATING WATER	1/2" - 1"	TYPE "L" COPPER	1" FIBERGLASS	PRO-PRESS FITTINGS

NEW VALVE SCHEDULE (V)					
MARK	SYSTEM SERVED	FLOW GPM	CONFIG.	CONNECTION SIZE	REMARKS
V-RAD	RADIANT FLOOR SYSTEM	6	3-WAY	3/4"	4.3 MINIMUM CV
V-MAIN	RADIANT FLOOR ZONE MAIN	3	3-WAY	3/4"	
V-B1	RADIANT FLOOR MANIFOLD B1	1.5	2-WAY	1/2"	
V-B2	RADIANT FLOOR MANIFOLD B2	1.5	2-WAY	1/2"	

PLUMBING FIXTURE SCHEDULE										
MARK	FIXTURE	ROUGH IN SIZE					MANUFACTURER MODEL	REMARKS		
		WASTE IN	TRAP IN	VENT IN	HW IN	CW IN				
WC-1	WATER CLOSET, FLOOR MOUNTED, TANK TYPE	3	2	2	N/A	1/2	DURAVIT 2125010000 STARCK 3	WHITE VITREOUS CHINA, TWO-PIECE TOILET, 1.28 GPF, 12" ROUGH-IN, 3" FLUSH VALVE, 15-3/4" FLOOR TO RIM, ELONGATED BOWL, W/ DURAVIT SEAT AND COVER #006339.00, CHROMED QUARTER TURNED ANGLE STOP AND CHROMED BRASS SUPPLY.		
LAV-1	LAVATORY AND FAUCET	2	1 1/4	2	1/2	1/2	DURAVIT 070350.00 LAVATORY WITH HANGSGROHE 32146001 FAUCET	VITREOUS CHINA, 19 5/8" X 9 7/8" X 4-1/8"D, SINGLE CONTROL FAUCET, CHROMED QUARTER TURNED ANGLE STOPS, CHROMED BRASS SUPPLIES, CHROMED BRASS "P" TRAP, AND ASSE 1070 COMPLIANT WATER TEMPERATURE LIMITING DEVICE, SET TO 110°F.		
LAV-2	UNDERCOUNTER BASIN AND SINGLE CONTROL FAUCET	2	1 1/4	2	1/2	1/2	DURAVIT 033048.00 LAVATORY WITH HANGSGROHE 32146001 FAUCET	VITREOUS CHINA, 19 1/8" X 12 3/8" X 6-1/4"D, SINGLE CONTROL FAUCET, CHROMED QUARTER TURNED ANGLE STOPS, CHROMED BRASS SUPPLIES, CHROMED BRASS "P" TRAP, AND ASSE 1070 COMPLIANT WATER TEMPERATURE LIMITING DEVICE, SET TO 110°F.		
BATH-1	RECTANGLE TUB WITH FAUCET	2	2	2	1/2	1/2	KOHLER K-1130 BATH WITH HANGSGROHE 38410001 FAUCET	RECTANGLE 5'-0", DROP-IN INSTALLATION, ARCHER BATH DRAIN K-7272, CHROMED QUARTER TURNED ANGLE STOPS, CHROMED BRASS SUPPLIES, CHROMED BRASS "P" TRAP, ASSE 1070 COMPLIANT WATER TEMPERATURE LIMITING DEVICE, SET TO 110°F.		
SH-1	SHOWER VALVE	2	2	2	1/2	1/2	HANGSGROHE ECOSTAT S PRESSURE BALANCE TRIM WITH DIVERTER AND RAINDANCE S 150 AIR 3-JET SHOWERHEAD	PRESSURE BALANCED SHOWER VALVE W/INTEGRAL SERVICE STOPS, 4.5 GPM, TEMPERATURE AND ON/OFF CONTROLS FOR 2 OUTLETS, REQUIRED ACCESSORIES: IBOX UNIVERSAL PLUS ROUGH WITH SERVICE STOPS. RAINDANCE S 150 AIR 3-JET SHOWERHEAD, SHOWERHEAD FLOW 2.5 GPM, STANDARD SHOWERARM 6" AND ASSE 1070 COMPLIANT WATER TEMPERATURE LIMITING DEVICE, SET TO 110°F.		
SINK-1	SINK, SINGLE COMPARTMENT, STAINLESS STEEL, UNDER COUNTER MOUNTED, W/ GOOSENECK FAUCET AND DISPOSAL	2	1 1/2	2	1/2	1/2	FRANKE FCUX11027 HANGSGROHE TALIS S FAUCET IN-SINK-ERATOR BADGER 5 DISPOSAL	STAINLESS STEEL UNDER COUNTER SINK, GOOSENECK FAUCET, CHROMED QUARTER TURNED ANGLE STOPS, CHROMED BRASS SUPPLIES, CHROMED BRASS "P" TRAP. INSINKERATOR MODEL BADGER 5 W/ 1/2 HP, 120 VOLT, SINGLE PHASE DISPOSAL MOTOR AND 36" POWER CHORD W/ 3 PRONG PLUG. PROVIDE DISHWASHER CONNECTION AND HW QUARTER TURNED BALL VALVE STOP, AND ASSE 1070 COMPLIANT WATER TEMPERATURE LIMITING DEVICE, SET TO 110°F.		
ICE-1	ICE WALL BOX	N/A	N/A	N/A	N/A	1/2	OATEY 039136	NO LEAD, 4X4 PLASTIC OUTLET BOX OUTLET BOX AND QUARTER TURNED ANGLE STOP.		
WWB-1	WASHING MACHINE WALL BOX	2	2	2	1/2	1/2	IPS I82056	NO LEAD, WASHING MACHINE OUTLET BOX W/ MINI-RESTER WATER HAMMER ARRESTERS.		
WH-1	NON-FREEZE WALL HYDRANT	N/A	N/A	N/A	N/A	3/4	WOODFORD MODEL 17	EXPOSED ANTI-SYPHON NON-FREEZE WALL HYDRANT W/ INTEGRAL BACK FLOW PREVENTER OPERATOR, 3/4" MALE HOSE CONNECTION AND POLISHED BRONZE FINISH.		
FD-1	FLOOR DRAIN	X	X	X/2 2" MIN	N/A	N/A	PROFLO PF42800	CAST IRON BODY, ADJUSTABLE NICKEL BRONZE STRAINER ASSEMBLY, MEMBRANE CLAMP, WEEP HOLES, AND TRAP PRIMER CONNECTION.		
DD-1	DECK DRAIN	X	N/A	N/A	N/A	N/A	ZURN RD2120-AB2-C	ABS BODY COMPLETE WITH STEEL-THREADED INSERTS FOR INCREASED STRENGTH AND LONGEVITY. STANDARD TO THE ABS ROOF DRAIN IS A CAST IRON CLAMP DEVICE WITH AN INTEGRAL GRAVEL GUARD. REMOVE DOME STRAINER. INSTALL WATERPROOF MEMBRANE.		

LPG FIRED WATER HEATER SCHEDULE (WH)																	
MARK	INPUT MBH	OUT. MBH	EFF. %	FUEL	TANK GAL	REC. GPH	TEMP. RISE °F	OPER. TEMP. °F	FLUE		DIMENSIONS			ELECTRICAL		MANUFACTURER MODEL	REMARKS
									D IN	TYPE	D IN	H IN	WT LBS	VOLT/PHASE	AMP		
WH-1	78	63	80	LPG	55	84	90	140	4	TYPE "B"	22	60	650	N/A	N/A	BRADFORDWHITE RG155H6X	W/ AMTRLO ST-5-C EXPANSION TANK

EXHAUST FAN SCHEDULE (EF)															
MARK	AREA SERVED	TYPE	CFM	ESP (IN WC)	FAN RPM	MOTOR				SONES	DAMPER	CONTROL	OPENING SIZE IN	MANUFACTURER MODEL	REMARKS
						RPM	BHP	HP	VOLT /PHASE						
EF-1	BATHROOM 1	CEILING	75	0.5	1200	1200	69 WATT	N/A	120/1Ø	3.9	GRAVITY	WALL SWITCH	N/A	COOK GC-162	NOTE 1
EF-2	BATHROOM 2	CEILING	75	0.5	1200	1200	69 WATT	N/A	120/1Ø	3.9	GRAVITY	WALL SWITCH	N/A	COOK GC-162	NOTE 1
EF-3	POWDER ROOM	CEILING	75	0.5	1200	1200	69 WATT	N/A	120/1Ø	3.9	GRAVITY	WALL SWITCH	N/A	COOK GC-162	NOTE 1

NOTE 1: PROVIDE 6" PAINTABLE WALL CAP WITH INTEGRAL BACKDRAFT DAMPER.

MANIFOLD SCHEDULE (M)				
MARK	SYSTEM SERVED	GPM/CIRC	FLOW GPM	CIRCUITS/ SIZE
M-MAIN	MAIN FLOOR	0.5	3	6 - 3/4"
M-BD1	BEDROOM 1	0.5	1.5	3 - 3/4"
M-BD2	BEDROOM 2	0.5	1.5	3 - 3/4"

Horizon Neighborhood CABINS

1778 E. Redman Run  
Summit Pointe Mountain  
Eden, Utah

MacKay-Lyons  
Sweetapple  
Architects  
Limited

2188 Göttingen St.  
Halifax, Nova Scotia  
Canada B3K 3B4

ph: (902) 429.1867  
fax: (902) 429.6276

**mss**  
Mechanical Service & Systems, Inc.  
1055 South 700 West  
Salt Lake City, UT 84104  
801-255-9333

**SMD ENGINEERING, PLLC**  
"Engineered Mechanical Solutions"  
986 WEST AHERTON DRIVE, SUITE 200  
TAYLORSVILLE, UTAH 84123  
(801) 268-3828, FAX: (801) 268-3297  
WWW.SMDENGINEERING.COM

**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:

BUILDING  STRUCTURAL  
 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

**MEM** DATE: 08/24/17 BY: WEST COAST CODE CONSULTANTS, INC.

1	CODE REVIEW	08/16/2017
##		#####
##		#####
##		#####
##		#####
##		#####
##		#####
##		#####
##		#####
No.	Description	Date

Revision:

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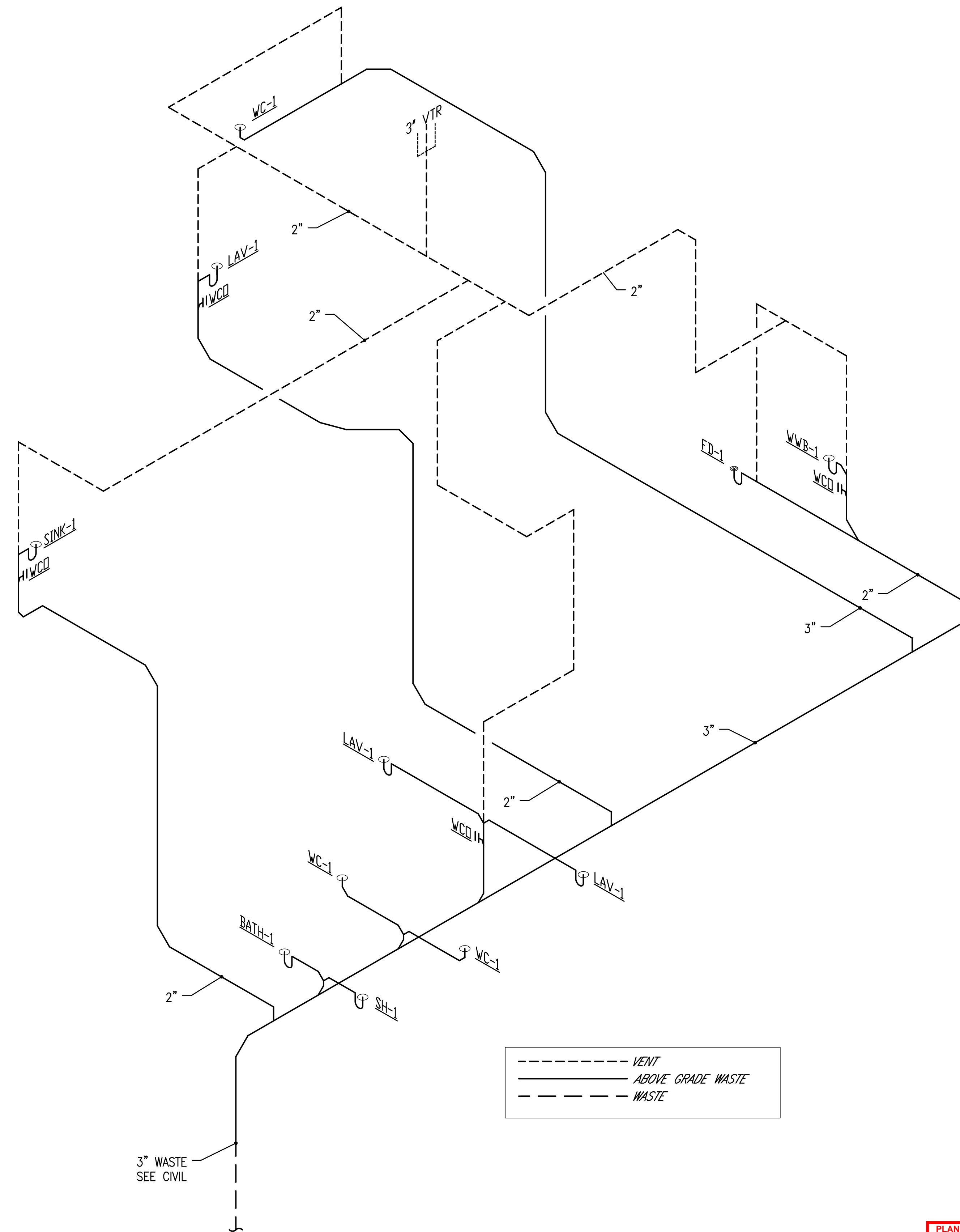
**PLUMBING SCHEDULES**

scale: AS NOTED  
date: 03/13/2017  
drawn: STAFF  
chk'd: SMD

**PP601**

per mit set - mar ch 13, 2017

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**1**  
PP901 **1000 SF - PLUMBING WASTE AND VENT ISOMETRIC**  
BUILDINGS 13, 16, 19, 26, 27

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per mit set - mar ch 13, 2017

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No.	Description	Date
1	CODE REVIEW	08/16/2017
##		#####
##		#####
##		#####
##		#####
##		#####
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**PLUMBING  
WASTE AND  
VENT  
ISOMETRIC**

scale: AS NOTED  
date: 03/13/2017  
drawn: STAFF  
chk'd: SMD

**PP901**

FIXTURE SCHEDULE						
TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLTS	TOTAL WATTS	LAMPS
F1	4" SQUARE LED DOWNLIGHT 0-10V DIMMING STANDARD SATIN NICKEL TRIM	HALO	H457CAT1E-EL-406930-TL5408SMB	120	13	LAMP: LED (INCLUDED), LUMENS: 600, CCT: 3000°K,
F2	WALL MOUNT LED ALUMINUM CONSTRUCTION - FROSTED GLASS - CAST GUARD	BASLITE	W1-FR-CG-SCBA-20W	120	20	LAMP: LED (INCLUDED),
F3	SURFACE MOUNTED LED CURVED FRONT	ARTEMIDE	USC-RDLC-2-B-9-30-08-SCBA	120	32	LAMP: LED (INCLUDED), LUMENS: CCT:3000K 90 CRI
F4-2	2 FOOT LONG RECESSED LINEAR LED 0-10V DIMMING STANDARD TRIMLESS WITH FLUSH SATIN ACRYLIC LENS	NULITE	RT4-06-L30-UNV-D-1C-FRF-WH-2	120	13	LAMP: LED (INCLUDED), LUMENS: 1450 CCT:3000°K 80 CRI
F4-4	4 FOOT LONG RECESSED LINEAR LED 0-10V DIMMING STANDARD TRIMLESS WITH FLUSH SATIN ACRYLIC LENS	NULITE	RT4-06-L30-UNV-D-1C-FRF-WH-4	UNV	26	LAMP: LED (INCLUDED), LUMENS: 2897 CCT: 3000°K, 80 CRI
F4-8	8 FOOT LONG RECESSED LINEAR LED 0-10V DIMMING STANDARD TRIMLESS WITH FLUSH SATIN ACRYLIC LENS	NULITE	RT4-06-L30-UNV-D-1C-FRF-WH-8	UNV	52	LAMP: LED (INCLUDED), LUMENS: 5792 CCT: 3000°K, 80 CRI
F4-12	12 FOOT LONG RECESSED LINEAR LED 0-10V DIMMING STANDARD TRIMLESS WITH FLUSH SATIN ACRYLIC LENS	NULITE	RT4-06-L30-UNV-D-1C-FRF-WH-12	UNV	77	LAMP: LED (INCLUDED), LUMENS: 8698 CCT: 3000°K, 80 CRI
F5	LED UNDERCABINET TO BE DETERMINED					LAMP: LED (INCLUDED), LUMENS: 1300 CCT: 3000°K,
F6	LED PENDANT FIXTURE WITH 47" CORDS	ARTEMIDE	TALO 90 - 1922028A	120	39	LAMP: LED (INCLUDED), LUMENS: 3341 CCT: 3000°K, 80 CRI
F7	WET LOCATION RATED LED TAPE LIGHT MOUNTED IN ALUMINUM EXTRUSION 300 WATT EXTERIOR RATED POWER SUPPLY AT EXTERIOR ENTRY RAMP	Q-TRAN	IQ67-30-35-90-3-2-35 QIA-45DW-RD-FINISH-DF-35 QOM-300ST-120/24-1X15-CX-S	120/24	3.2 / FT	LAMP: LED (INCLUDED), LUMENS:254 / FT CCT: 3000°K,
F8	RECESSED LED STEP LIGHT	WHITEGOODS	WG-8100SCPW-CL-830-608-UNV-S	120	6.24	LAMP: LED (INCLUDED), LUMENS:608, CCT: 3000°K, 80 CRI
F9	NOT USED					
F10	J-BOX MOUNTED LED DOWNLIGHT	HALO	SLD606930WHJB	120	12.2	LAMP: LED (INCLUDED), LUMENS:780 CCT: 3000°K,
F11	LED PENDANT FIXTURE WITH LED LAMP	ARTEMIDE	SPHERA - RD211110	120		LAMP: LED (INCLUDED), LUMENS:608, CCT: 3000°K, 80 CRI
F12	LED PENDANT FIXTURE WITH 63" CORDS	ARTEMIDE	TALO 90 - 1922028A	120	39	LAMP: LED (INCLUDED), LUMENS: 3341 CCT: 3000°K, 80 CRI
F13	CEILING MOUNTED TRACK WITH TWO LED FIXTURES DIFFUSION SPREAD LENS	HALO	L80815FL9030AH LNC2-DSL L650AH / L901AH	120	21 EACH	LAMP: LED (INCLUDED), LUMENS: 1506 EACH CCT: 3000°K, 90 CRI
F14	CEILING PADDLE FAN SATIN NICKEL FINISH	CONCORD	CF52873-53 / 52SKY 3ESN	120		

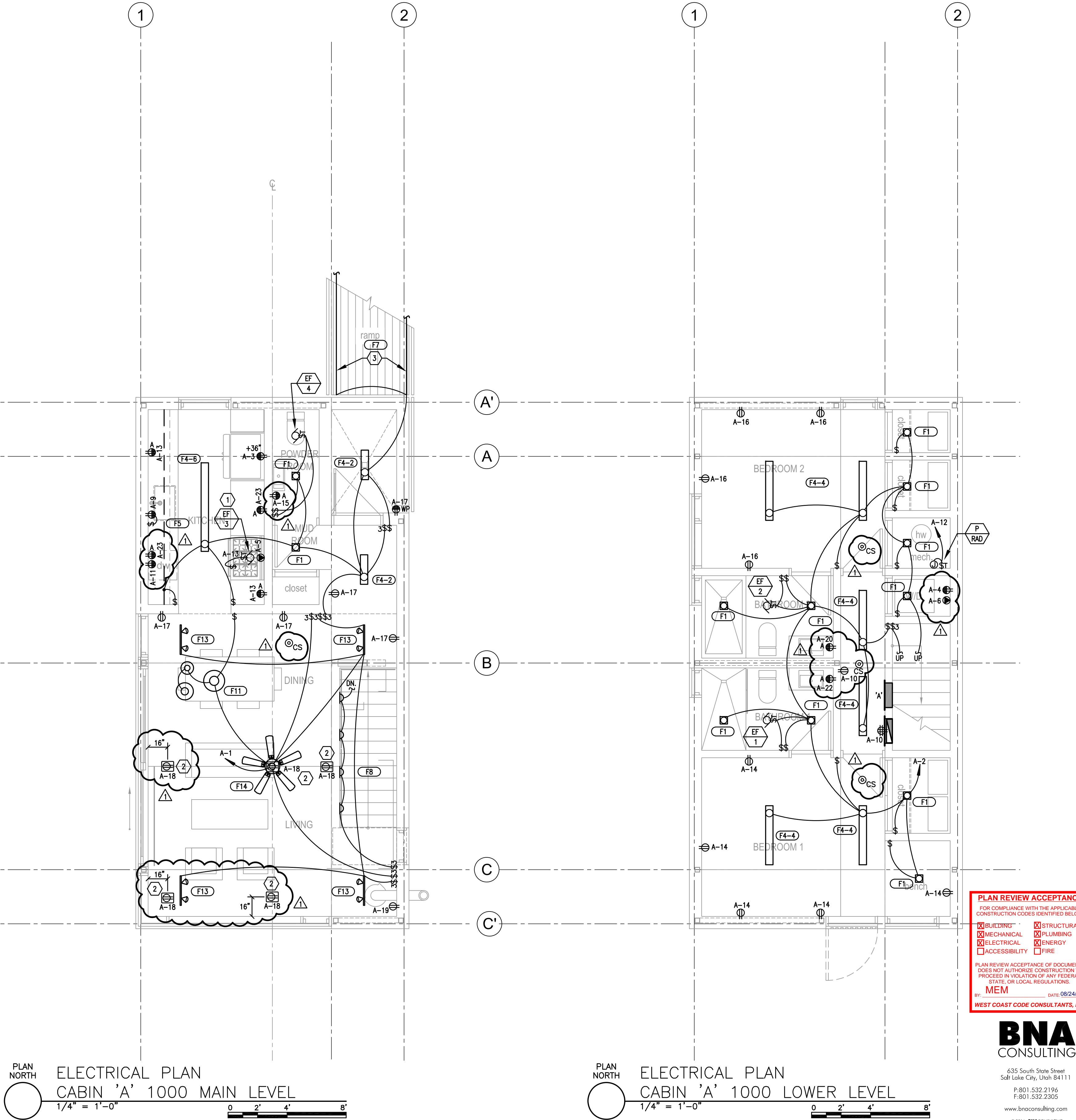
PANELBOARD SCHEDULE											
PANEL	A	TYPE	120/240	VOLTS	1	PH	3	W			
MOUNTING		DIMENSIONS		LOCATION		CABIN A		X LUGS BREAKER			
FLUSH SURFACE		W D (in.) H		AMP		200		SUBFEED LUGS ISO GROUND 200% NEUTRAL SPD			
BRANCH BREAKERS											
ITEM	AMPS	WIRE SIZE	CIR NO.	L PHASE LOAD A	R PHASE LOAD B	NO.	AMPS	WIRE SIZE	ITEM		
LIGHTING MAIN	20	1	12	1	350	2	20	1	12	LIGHTING LOWER	
REFRIGERATOR	20	1	12	3	1500	4	20	1	12	WASHER	
RANGE	50	2	6	5	4000	2500	6	30	2	10	DRYER
DISPOSAL	-	-	-	7	4000	2500	8	-	-	-	
DISHWASHER	20	1	12	9	1200	500	10	20	1	12	DATA BOARD
RECEPTACLES KITCHEN*	20	1	12	13	500	900	14	20	1	12	RECEPTACLES BEDROOM 1*
RECEPTACLE BATH	20	1	12	15	360	720	16	20	1	12	RECEPTACLES BEDROOM 2*
RECEPTACLES	20	1	12	17	720	1080	18	20	1	12	RECEPTACLES FLOOR
RECEPTACLES	20	1	12	19	720	500	20	20	1	12	RECEPTACLE BATH
HEAT TAPE	20	1	12	21		500	22	20	1	12	RECEPTACLE BATH
RECEPTACLES KITCHEN*	20	1	12	23			24	20	1		SPARE
SPARE	20	1	25				26				SPACE ONLY
SPARE	20	1	27				28				SPACE ONLY
SPARE	20	1	29				30				SPACE ONLY
SPARE	20	1	31				32				SPACE ONLY
SPACE ONLY	20	1	33				34				SPACE ONLY
SPACE ONLY			35				36				SPACE ONLY
SPACE ONLY			37				38				SPACE ONLY
SPACE ONLY			39				40				SPACE ONLY
SPACE ONLY			41				42				SPACE ONLY
* ARC FAULT BREAKER				6770	8280	5855	5620	CONNECTED LOAD TOTAL			
				12725	13900	TOTAL		26625 W			
CABIN 'A'				106	116	AMPS/PHASE		EQUIP RATING			
								10,000			
								AMPS RMS SYM.			

**GENERAL SHEET NOTES**

1. ALL RECEPTACLES REQUIRED TO BE TAMPER-RESISTANT PER IRC.

**SHEET KEYNOTES**

1. COORDINATE HOOD FAN CONTROL LOCATION WITH KITCHEN HOOD INSTALLER.  
2. FLOOR MOUNTED RECEPTACLES MUST BE LISTED FOR FLOOR MOUNTED AND FACE UP APPLICATION.



**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE  
CONSTRUCTION CODES IDENTIFIED BELOW

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input checked="" type="checkbox"/> ACCESSIBILITY	<input checked="" type="checkbox"/> FIRE

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BY: MEM DATE: 08/24/17

WEST COAST CODE CONSULTANTS, INC.

**BNA CONSULTING**  
635 South State Street  
Salt Lake City, Utah 84111  
P: 801.532.2196  
F: 801.532.2305  
www.bnacconsulting.com  
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PLAN NORTH  
ELECTRICAL PLAN  
CABIN 'A' 1000 MAIN LEVEL  
1/4" = 1'-0"

PLAN NORTH  
ELECTRICAL PLAN  
CABIN 'A' 1000 LOWER LEVEL  
1/4" = 1'-0"

Horizon Neighborhood  
LODGE  
778 E. Horizon Run  
Summit, Colorado 80413  
MacKay-Lyons  
Sweetapple  
Architects  
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2188 Cottingham St.  
Halifax, Nova Scotia  
Canada B3K 3B4  
ph: (902) 426-1607  
fax: (902) 426-6276

PROFESSIONAL ENGINEER  
JOSHUA OAKESON  
No. 770761-2202  
STATE OF UTAH

**SALMON**  
ELECTRICAL CONTRACTORS  
1778 WEST 1180 SOUTH  
WOODS CROSS, UT 84087  
P: 801-292-3444  
F: 801-292-4273  
WWW.SALMONELECTRIC.COM

NO.	DESCRIPTION	DATE
1	CITY COMMENTS	08/15/2017

**NOTES:**  
COPYRIGHT RELATED TO THE USE OF THIS  
DRAWING:  
The use of this drawing shall be governed by standard  
copyright law as generally accepted in architectural  
practice.  
ARCHITECT'S REQUIREMENTS AND APPROVALS:  
It is the Builder's responsibility to notify MacKay-Lyons  
Sweetapple Architects Ltd. and to seek prior written  
approval for materials and workmanship which deviates  
from instructions provided by the Architect.  
ENGINEER'S REQUIREMENTS AND APPROVALS:  
It is the Builder's responsibility to notify MacKay-Lyons  
Sweetapple Architects Ltd. and to seek prior written  
approval for materials and workmanship which deviates  
from instructions provided by the Engineer.  
AUTHORITIES' REQUIREMENTS AND APPROVALS:  
All materials and workmanship must comply with the  
requirements of all authorities having jurisdiction over  
the work. It is the Builder's responsibility to gain  
necessary approval from all relevant Authorities.

**DIMENSIONS:**  
All dimensions must be verified on site. Do not scale off  
drawings. Plans take precedent over elevations. In the  
absence of dimensions, or if discrepancies exist,  
consult Architect. All minimum dimensions are to  
comply with the National Building Code of Canada.  
**SHOP DRAWINGS:**  
Submit shop drawings to the Architect and Engineer for  
approval prior to manufacture of prefabricated elements  
of the building.

**ELECTRICAL**  
PLAN - CABIN  
1000 MAIN &  
LOWER LEVEL  
scale: SEE GRAPH  
date: 16-07-01  
drawn: BNA  
chk'd: CF  
**E300**

B:\cabin\_Aug\_15\_2017 - 10:28am  
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