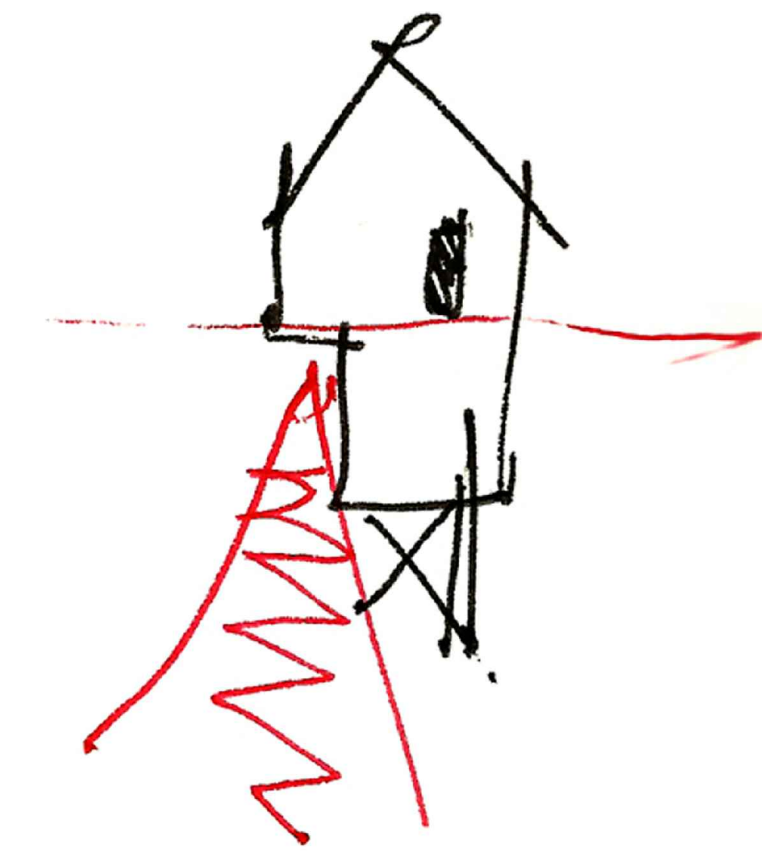


August 14, 2017

# Issued for Constuction 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

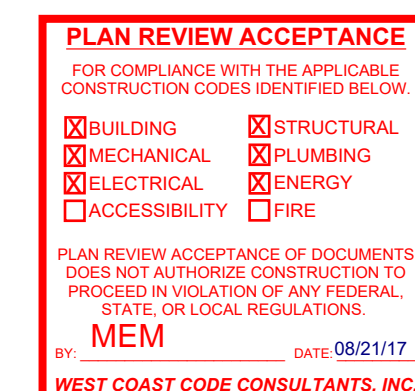
**Mountain Resort Builders LLC**  
Construction Management  
3625 S. Honeycut Rd.  
Salt Lake City, Utah, United States 84106  
ph: (801) 699-4571 ph: (801) 259 9447

**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 Lower Level Plan	S1.2 Construction Details	PP102 Plumbing Floor Plans - Domestic
C2.02 Sanitary Sewer Plan and Profile	A201 Main Level Plan	S2.1 Main Floor Framing Plan	PP501 Plumbing Details
C3.00 Grading and Drainage Plan - West	A202 Lower Level Reflected Ceiling Plan	S2.2 Upper Floor Framing Plan	PP601 Plumbing Schedules
C3.01 Grading and Drainage Plan - East	A203 Upper Level Reflected Ceiling Plan	S2.3 Roof Framing Plan	PP901 Plumbing Waste and Vent Isometric
C4.00 Erosion Control Plan - Overall	A300 Exterior Elevations	S3.1 Lower Floor Shear Wall Plan	
C6.00 Details	A301 Exterior Elevations	S3.2 Main Floor Shear Wall Plan	
C6.01 Booster Pump Details	A302 Exterior Elevations	S3.3 Construction Details	
C6.02 Booster Pump Details	A400 Building Sections	S4.1 Construction Details	
C6.03 Sewer Ejector Details	A401 Building Sections	S4.2 Construction Details	
C6.04 Details	A500 Plan Details	S4.3 Construction Details	
C6.05 Details	A510 Section Details	S5.1 Construction Details	
C6.06 Guardrail Details	A511 Section Details	S5.2 Construction Details	
	A520 Flashing and Membrane Details (not incl.)	S6.1 Construction Details	
	A530 Hearth Details		
	A600 Millwork		
	A601 Millwork		
	A602 Millwork		
	A603 Millwork Details		
	A604 Millwork Details		
	A605 Porch Millwork		
	A610 Stair		
	A700 Bridge		
	A900 Window/Door Schedule		
			<b>ELECTRICAL</b>
			E303 Electrical Plan Cabin D 2500 Lower and Main Level



# Horizon Neighborhood Cabins

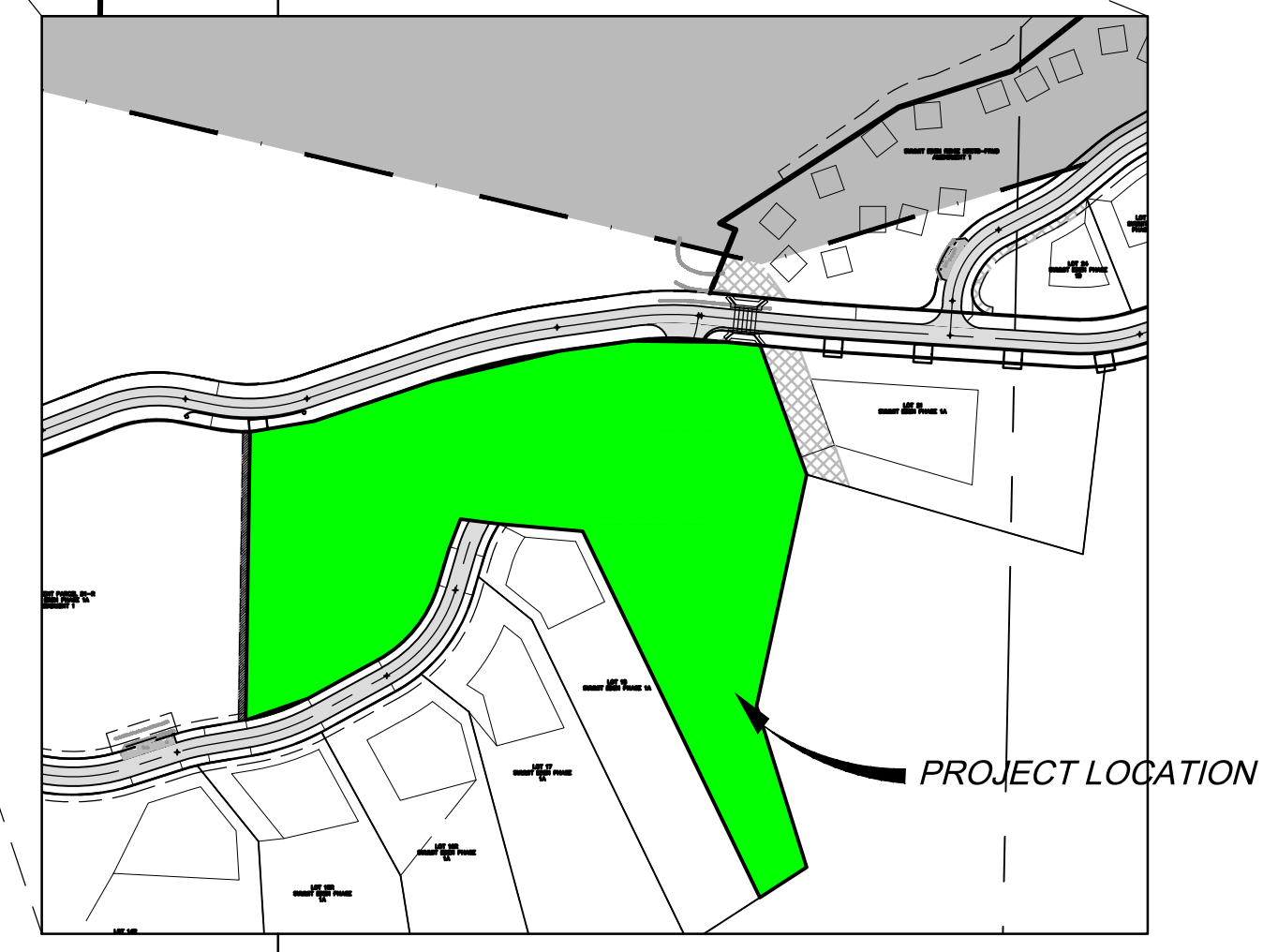
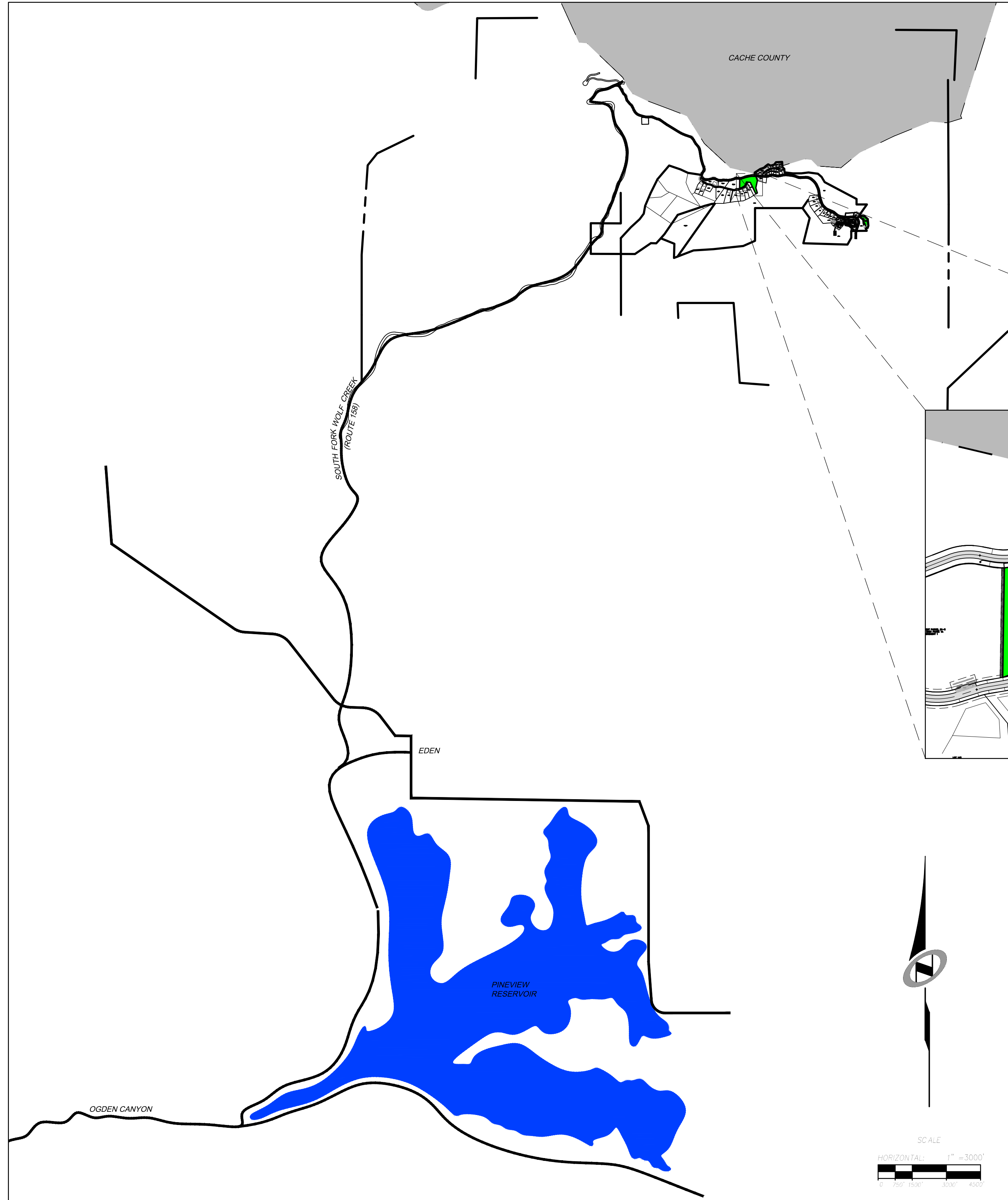
## 2500 SF Cabin

Summit Powder Mountain, Eden UT

# HORIZON NEIGHBORHOOD PRUD AT SUMMIT POWDER MOUNTAIN CONSTRUCTION DRAWINGS

Located in Sec 08 T7N R2E  
Weber County, Utah

DATE: 8/2/17 TIME: 12:55:51 PM DRAWING NAME: 100 - CIVIL TITLE SHEET.DWG LAYOUT: LAYOUT1  
SERVER: NONE PAGE SETUP: PLOT - CS3 - 24x36  
PATH: N:\SLB0793\CADD\HORIZON VILLAGE\1P - RESOURCES - ### - PROJ.MXD: ###



**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

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.

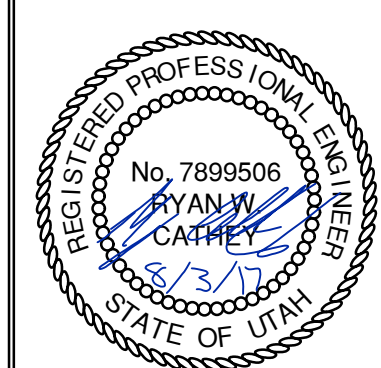
MEM  
DATE: 08/21/17  
WEST COAST CODE CONSULTANTS, INC.



NO.	BY	DATE	REVISIONS

HORIZON NEIGHBORHOOD PRUD  
CIVIL TITLE SHEET

**TALISMAN**  
CIVIL CONSULTANTS  
MURRAY, UT 84407  
5217 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

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.

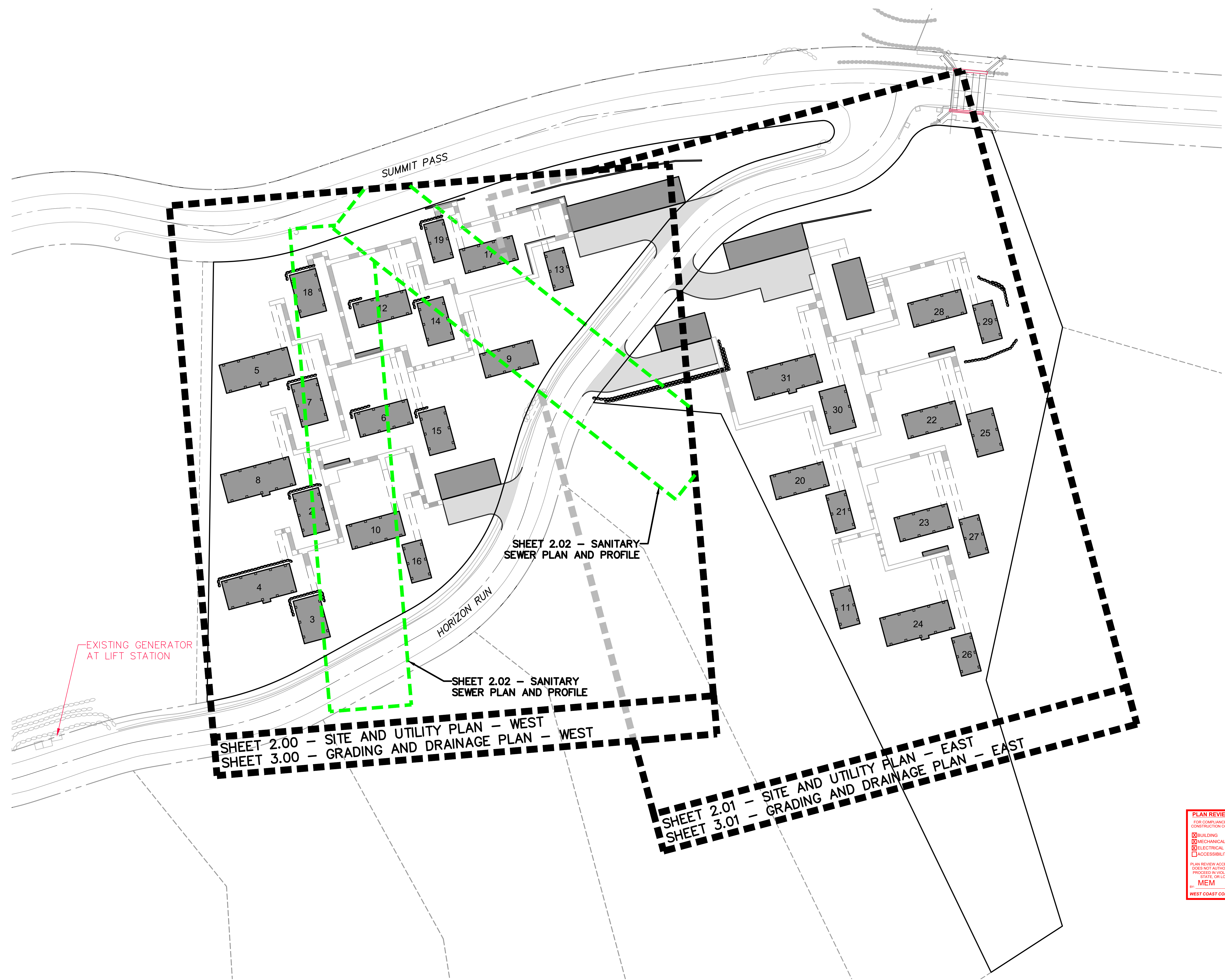






DATE: 8/2/17 TIME: 12:56:57 PM DRAWING NAME: 102 - OVERALL KEY MAP.DWG  
 SERVER: NONE PAGE SETUP: PPT-C30-24x36 LAYOUT: LAYOUT1  
 PATH: N:\SLB0793\CADD\HORIZON VILLAGE\VP DESIGNER: JMM PROJ. MGR: JMM

JOSH  
 XREFS:



EXISTING GENERATOR  
 AT LIFT STATION

SHEET 2.02 - SANITARY  
 SEWER PLAN AND PROFILE

SHEET 2.02 - SANITARY  
 SEWER PLAN AND PROFILE

SHEET 2.00 - SITE AND UTILITY PLAN - WEST  
 SHEET 3.00 - GRADING AND DRAINAGE PLAN - WEST

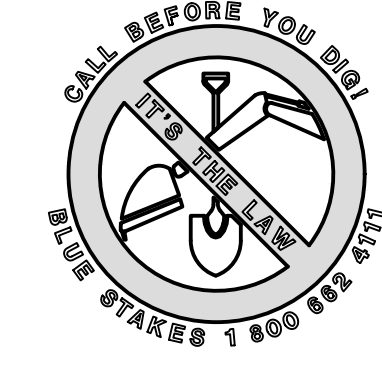
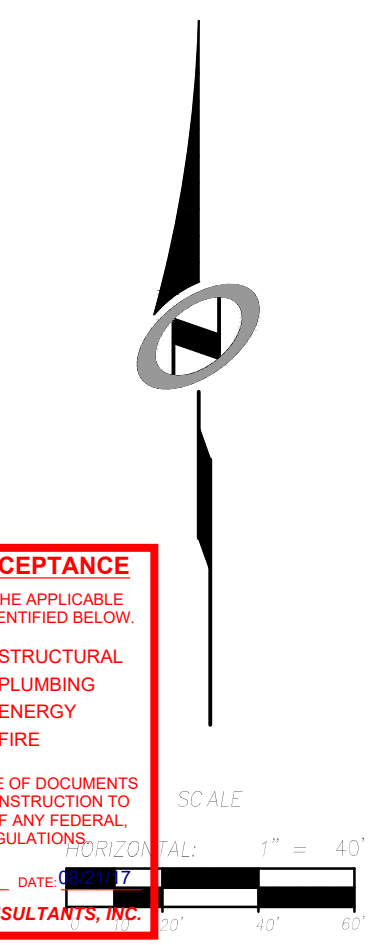
SHEET 2.01 - SITE AND UTILITY PLAN - EAST  
 SHEET 3.01 - GRADING AND DRAINAGE PLAN - EAST

**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.

MEM  
 WEST COAST CODE CONSULTANTS, INC.



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

SHEET NUMBER  
**1.02**

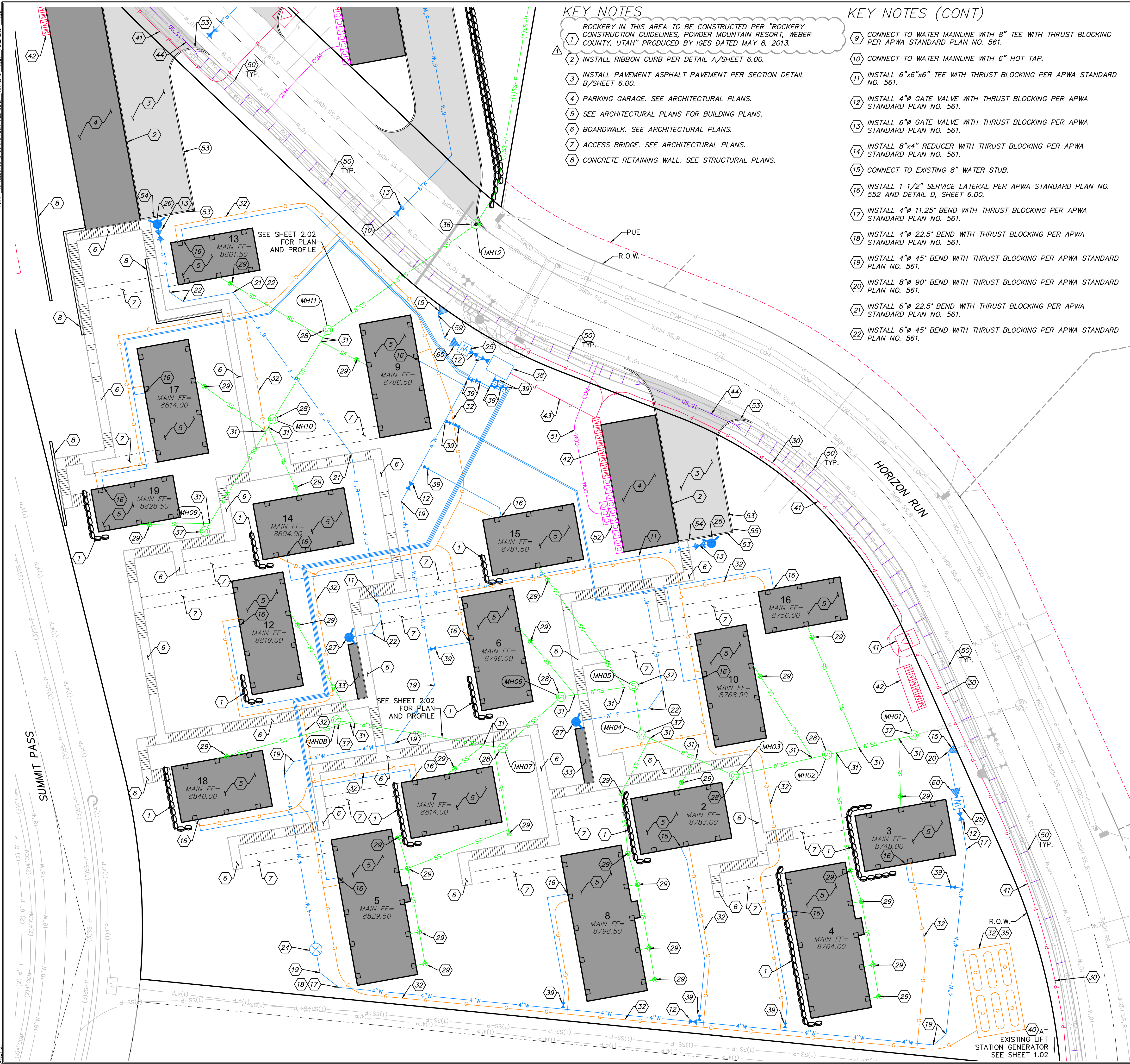
SCALE  
 VERTICAL: 1" = N/A  
 HORIZONTAL: 1" = 40'

JOB NUMBER  
**SLB0793**

CAUTION  
 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.



DATE: 8/2/17 TIME: 12:58:17 PM DRAWING NAME: SITE AND UTILITY PLAN - WESTING LAYOUT: LAYOUT: 1  
 SERVER: NONE PLOT: 100-24-38  
 PATH: N:\S\B0793\CAD\HORIZON VILLAGE V.P. DESIGNED: JMM PROJ. NO.: 100-24-38  
 JOSH XREES:



- ### 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.
  - 2 INSTALL RIBBON CURB PER DETAIL A/SHEET 6.00.
  - 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.

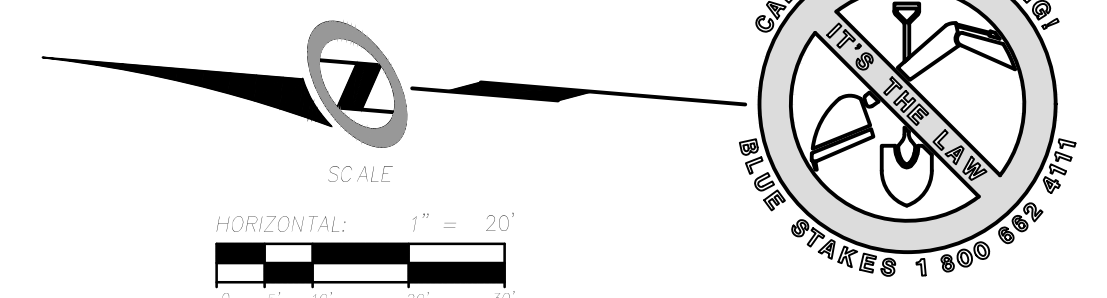
- ### KEY NOTES (CONT)
- 9 CONNECT TO WATER MAINLINE WITH 8" TEE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
  - 10 CONNECT TO WATER MAINLINE WITH 6" HOT TAP.
  - 11 INSTALL 6"x6"x6" TEE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
  - 12 INSTALL 4" GATE VALVE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
  - 13 INSTALL 6" GATE VALVE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
  - 14 INSTALL 8"x4" REDUCER WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
  - 15 CONNECT TO EXISTING 8" WATER STUB.
  - 16 INSTALL 1 1/2" SERVICE LATERAL PER APWA STANDARD PLAN NO. 552 AND DETAIL D, SHEET 6.00.
  - 17 INSTALL 4" 11.25' BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
  - 18 INSTALL 4" 22.5' BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
  - 19 INSTALL 4" 45' BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
  - 20 INSTALL 8" 90' BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
  - 21 INSTALL 6" 22.5' BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
  - 22 INSTALL 6" 45' BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.

- ### 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.
  - 30 ELECTRICAL POWER CONDUIT FROM EXISTING GENERATOR AT LIFT STATION TO BOOSTER PUMP VAULT FOR BACKUP POWER. SEE BOWEN COLLINS ELECTRICAL PLANS.
  - 31 WYE CONNECT TO 8" SEWER LINE.
  - 32 GAS PIPES, AND STORAGE TANKS (1,000 GAL) TO BE EXCAVATED AND TRENCHED BY CONTRACTOR. INSTALLATION BY OTHERS.
  - 33 FIRE CACHE. SEE ARCHITECTURAL PLANS.
  - 34 INSTALL FIRE HYDRANT ASSEMBLY PER APWA STANDARD PLAN NO. 511.
  - 35 PROPANE TANK PIT PER DETAIL C/SHEET 6.00.
  - 36 INSTALL 5" SANITARY SEWER MANHOLE PER APWA STANDARD PLAN NO. 411.
  - 37 INSTALL 4" SANITARY SEWER MANHOLE PER APWA STANDARD PLAN NO. 411.
  - 38 INSTALL BOOSTER PUMP VAULT PER DETAIL A, SHEET 6.02.
  - 39 INSTALL 1 1/2" BALL VALVE.
  - 40 CONNECT TO EXISTING BACKUP GENERATOR. SEE BOWEN COLLINS ELECTRICAL PLANS.
  - 41 ELECTRICAL POWER CONDUIT, TRANSFORMERS AND PULL BOXES. SEE SALMON ELECTRICAL PLANS.
  - 42 POWER METER BASE AND MAIN CIRCUIT BREAKER. SEE SALMON ELECTRICAL PLANS.
  - 43 BOOSTER PUMP VAULT ELECTRICAL EQUIPMENT, SEE DETAIL B, SHEET 6.02. SEE BOWEN COLLINS ELECTRICAL PLANS.
  - 44 INSTALL 15" RCP CLASS 3 CULVERT WITH FLARED END SECTIONS TO MATCH EXISTING FLOWLINE OF DRAINAGE CHANNEL.
  - 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.
  - 46 INSTALL E/ONE GRINDER PUMP STATION MODEL DH151. 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.
  - 47 CONSTRUCT ROCK WALL WITH GUARDRAIL. SEE STRUCTURAL PLANS.
  - 48 WYE CONNECT 1.5" SEWER PIPE
  - 49 CONSTRUCT 4' WIDE x 1' DEEP DRAINAGE SWALE. LINE SWALE WITH D50=6" RIP RAP.
  - 50 INSTALL CHECK DAM PER DETAIL A, SHEET 6.04. CHECK DAMS TO BE INSTALLED AT EVERY 12" IN ELEVATION RISE AS SHOWN ON PLAN.
  - 51 INSTALL COMMUNICATION CONDUIT.
  - 52 INSTALL COMMUNICATION BOX.
  - 53 INSTALL P-TYPE CURB PER APWA PLAN NO. 209.
  - 54 CONSTRUCT CURB TRANSITION.
  - 55 CONSTRUCT 6" CURB CUT PER DETAIL B/SHEET 6.04.
  - 56 INSTALL CATCH BASIN PER APWA STANDARD PLAN NO. 315, 308, AND 206.
  - 57 INSTALL 15" CORRUGATED HDPE STORM DRAIN PIPE PER APWA STANDARD PLAN NO. 381, AND 382.
  - 58 INSTALL FLARED END SECTION PER APWA STANDARD PLAN NO. 323.
  - 59 INSTALL 8" 45' BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
  - 60 INSTALL 8"x4" REDUCER WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
  - 61 INSTALL 8" GATE VALVE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
  - 62 INSTALL 8"x6" REDUCER WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
  - 63 CONSTRUCT 18'x10' D50=9" RIP RAP OUTFALL.

**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.  
 MEM 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.



HORIZON NEIGHBORHOOD PRUD  
 SITE AND UTILITY PLAN - WEST

PREPARED FOR: SUMMIT POWDER MOUNTAIN

DATE SUBMITTED: 08.03.2017

TALISMAN  
 CIVIL CONSULTANTS

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

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

MURRAY, UT 84407

SHEET NUMBER

2.00

SCALE

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

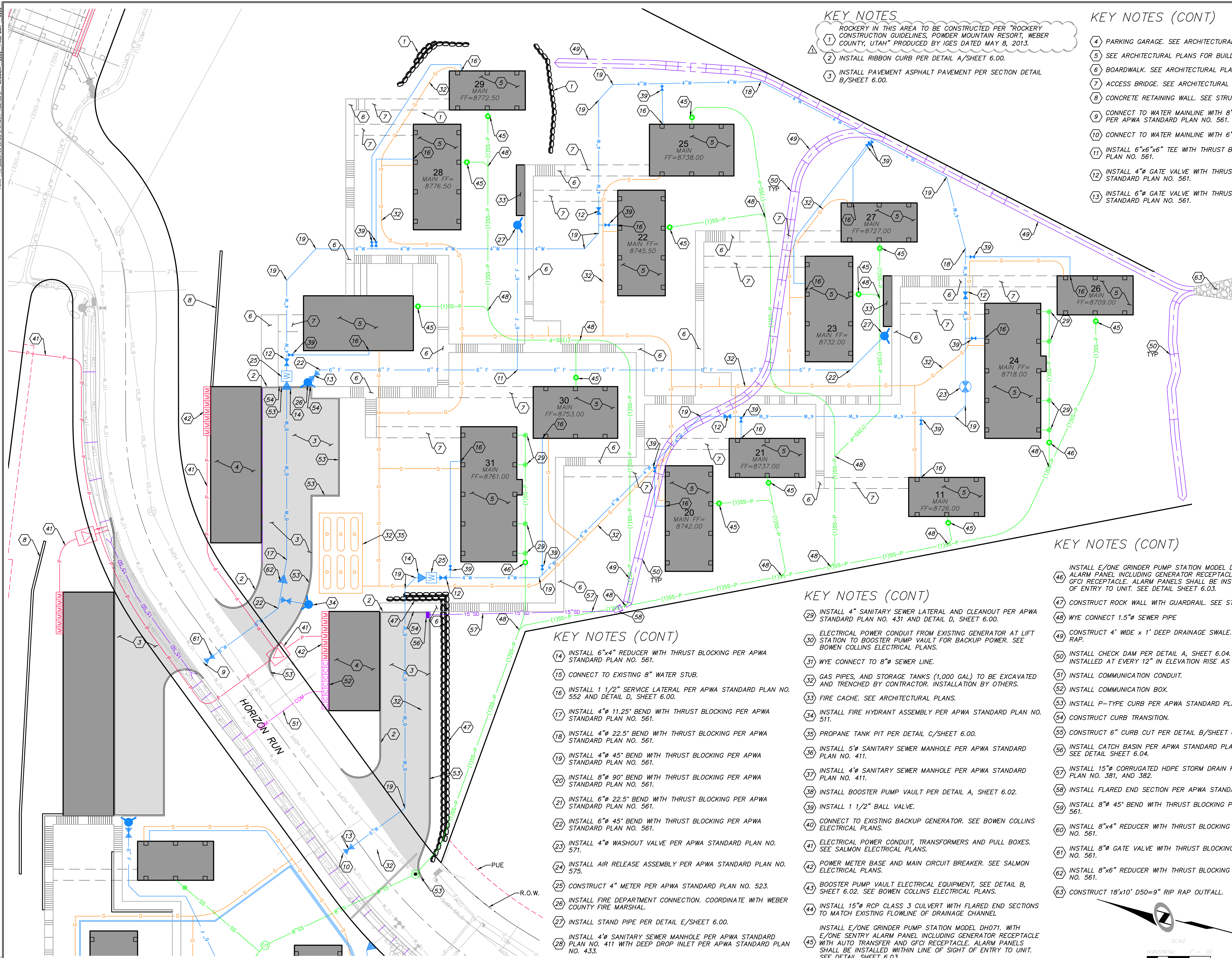
JOB NUMBER

SLB0793



DATE: 8/27/17 TIME: 12:59:35 PM DRAWING NAME: SITE AND UTILITY PLAN - EAST/DWG  
 SERVER: NONE PLOT DATE: 08/23/2017 LAYOUT: LAYOUT1  
 PATH: N:\SLB0793\CAD\HORIZON VILLAGE V.P. DESIGNED: JHH PROJ. NO: 17000

JOSH  
 XREFS:



**KEY NOTES**

- ROCKERY IN THIS AREA TO BE CONSTRUCTED PER "ROCKERY CONSTRUCTION GUIDELINES, POWDER MOUNTAIN RESORT, WEBER COUNTY, UTAH" PRODUCED BY IGES DATED MAY 8, 2013.
- 1 INSTALL RIBBON CURB PER DETAIL A/SHEET 6.00.
  - 2 INSTALL PAVEMENT ASPHALT PAVEMENT PER SECTION DETAIL B/SHEET 6.00.

**KEY NOTES (CONT)**

- 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.
- 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.
- 11 INSTALL 6"x6" TEE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- 12 INSTALL 4" GATE VALVE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- 13 INSTALL 6" GATE VALVE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.

**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: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

**KEY NOTES (CONT)**

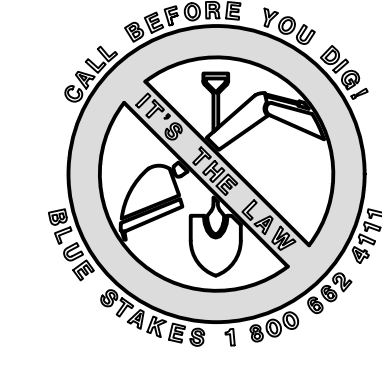
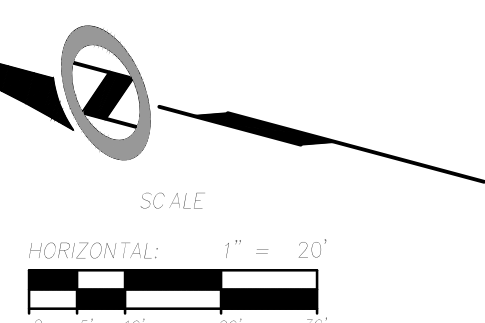
- 14 INSTALL 6"x4" REDUCER WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- 15 CONNECT TO EXISTING 8" WATER STUB.
- 16 INSTALL 1 1/2" SERVICE LATERAL PER APWA STANDARD PLAN NO. 552 AND DETAIL D, SHEET 6.00.
- 17 INSTALL 4" 11.25" BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- 18 INSTALL 4" 22.5" BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- 19 INSTALL 4" 45" BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- 20 INSTALL 8" 90" BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- 21 INSTALL 6" 22.5" BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- 22 INSTALL 6" 45" BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- 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. 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.

**KEY NOTES (CONT)**

- 29 INSTALL 4" SANITARY SEWER LATERAL AND CLEANOUT PER APWA STANDARD PLAN NO. 431 AND DETAIL D, SHEET 6.00.
- 30 ELECTRICAL POWER CONDUIT FROM EXISTING GENERATOR AT LIFT STATION TO BOOSTER PUMP VAULT FOR BACKUP POWER. SEE BOWEN COLLINS ELECTRICAL PLANS.
- 31 WYE CONNECT TO 8" SEWER LINE.
- 32 GAS PIPES, AND STORAGE TANKS (1,000 GAL) TO BE EXCAVATED AND TRENCHED BY CONTRACTOR. INSTALLATION BY OTHERS.
- 33 FIRE CACHE. SEE ARCHITECTURAL PLANS.
- 34 INSTALL FIRE HYDRANT ASSEMBLY PER APWA STANDARD PLAN NO. 511.
- 35 PROPANE TANK PIT PER DETAIL C/SHEET 6.00.
- 36 INSTALL 5" SANITARY SEWER MANHOLE PER APWA STANDARD PLAN NO. 411.
- 37 INSTALL 4" SANITARY SEWER MANHOLE PER APWA STANDARD PLAN NO. 411.
- 38 INSTALL BOOSTER PUMP VAULT PER DETAIL A, SHEET 6.02.
- 39 INSTALL 1 1/2" BALL VALVE.
- 40 CONNECT TO EXISTING BACKUP GENERATOR. SEE BOWEN COLLINS ELECTRICAL PLANS.
- 41 ELECTRICAL POWER CONDUIT, TRANSFORMERS AND PULL BOXES. SEE SALMON ELECTRICAL PLANS.
- 42 POWER METER BASE AND MAIN CIRCUIT BREAKER. SEE SALMON ELECTRICAL PLANS.
- 43 BOOSTER PUMP VAULT ELECTRICAL EQUIPMENT, SEE DETAIL B, SHEET 6.02. SEE BOWEN COLLINS ELECTRICAL PLANS.
- 44 INSTALL 15" RCP CLASS 3 CULVERT WITH FLARED END SECTIONS TO MATCH EXISTING FLOWLINE OF DRAINAGE CHANNEL.
- 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.

**KEY NOTES (CONT)**

- 46 INSTALL E/ONE GRINDER PUMP STATION MODEL DH151. 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.
- 47 CONSTRUCT ROCK WALL WITH GUARDRAIL. SEE STRUCTURAL PLANS.
- 48 WYE CONNECT 1.5" SEWER PIPE
- 49 CONSTRUCT 4' WIDE x 1' DEEP DRAINAGE SWALE. LINE SWALE WITH D50=6" RIP RAP.
- 50 INSTALL CHECK DAM PER DETAIL A, SHEET 6.04. CHECK DAMS TO BE INSTALLED AT EVERY 12" IN ELEVATION RISE AS SHOWN ON PLAN.
- 51 INSTALL COMMUNICATION CONDUIT.
- 52 INSTALL COMMUNICATION BOX.
- 53 INSTALL P-TYPE CURB PER APWA STANDARD PLAN NO. 209.
- 54 CONSTRUCT CURB TRANSITION.
- 55 CONSTRUCT 6" CURB CUT PER DETAIL B/SHEET 6.04.
- 56 INSTALL CATCH BASIN PER APWA STANDARD PLAN NO. 315, 308, AND 206. SEE DETAIL SHEET 6.04.
- 57 INSTALL 15" CORRUGATED HDPE STORM DRAIN PIPE PER APWA STANDARD PLAN NO. 381, AND 382.
- 58 INSTALL FLARED END SECTION PER APWA STANDARD PLAN NO. 323.
- 59 INSTALL 8" 45" BEND WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- 60 INSTALL 8"x4" REDUCER WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- 61 INSTALL 8" GATE VALVE WITH THRUST BLOCKING PER APWA STANDARD PLAN NO. 561.
- 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

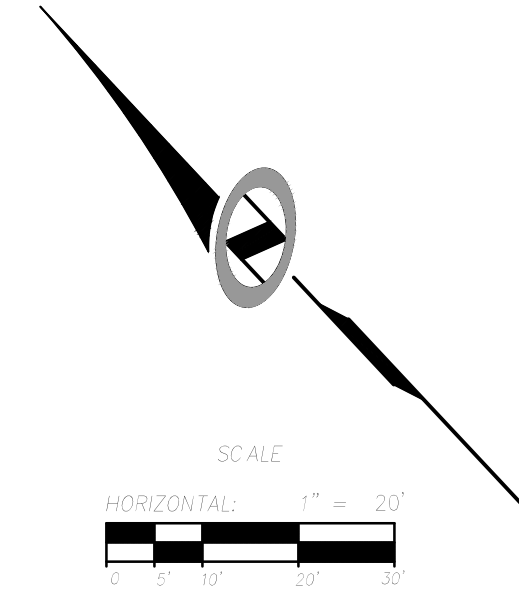
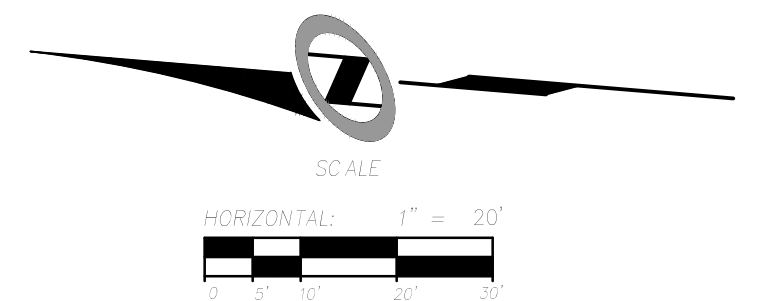
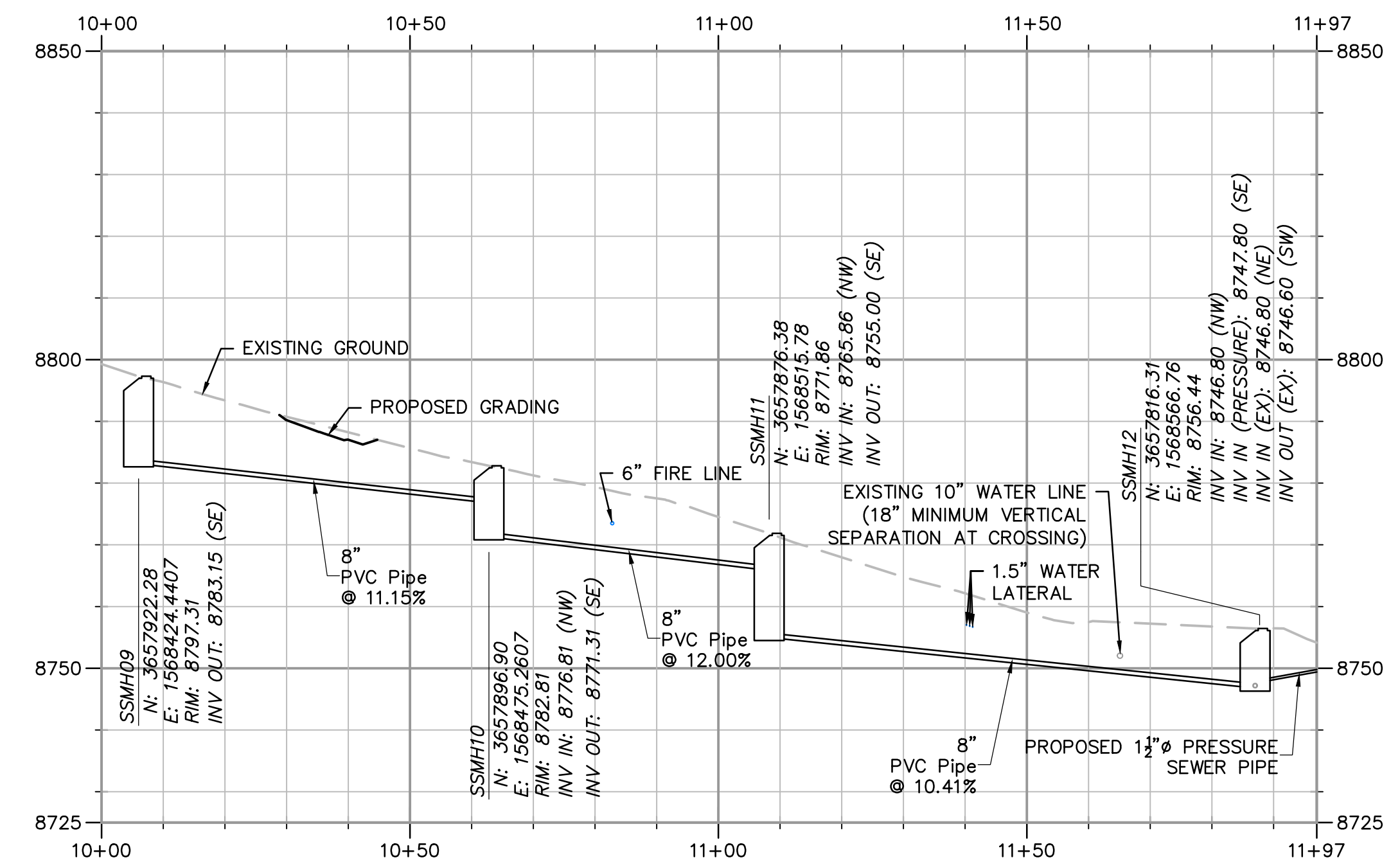
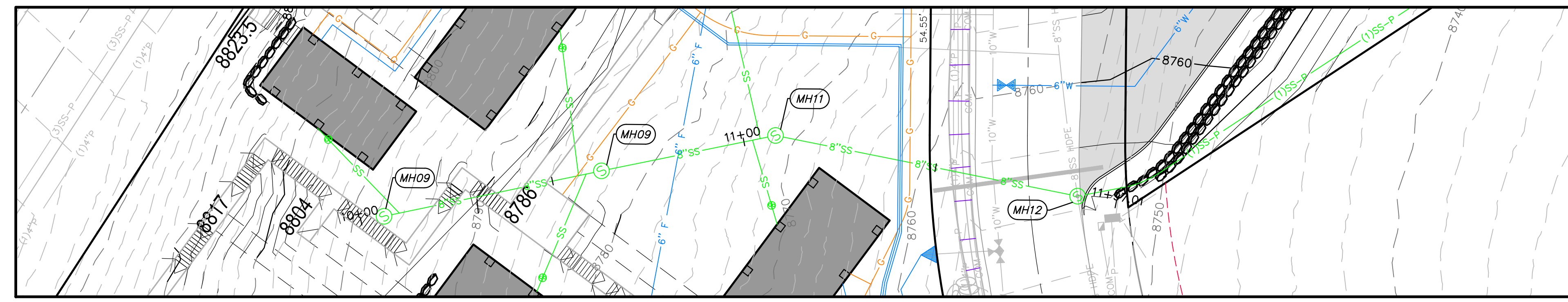
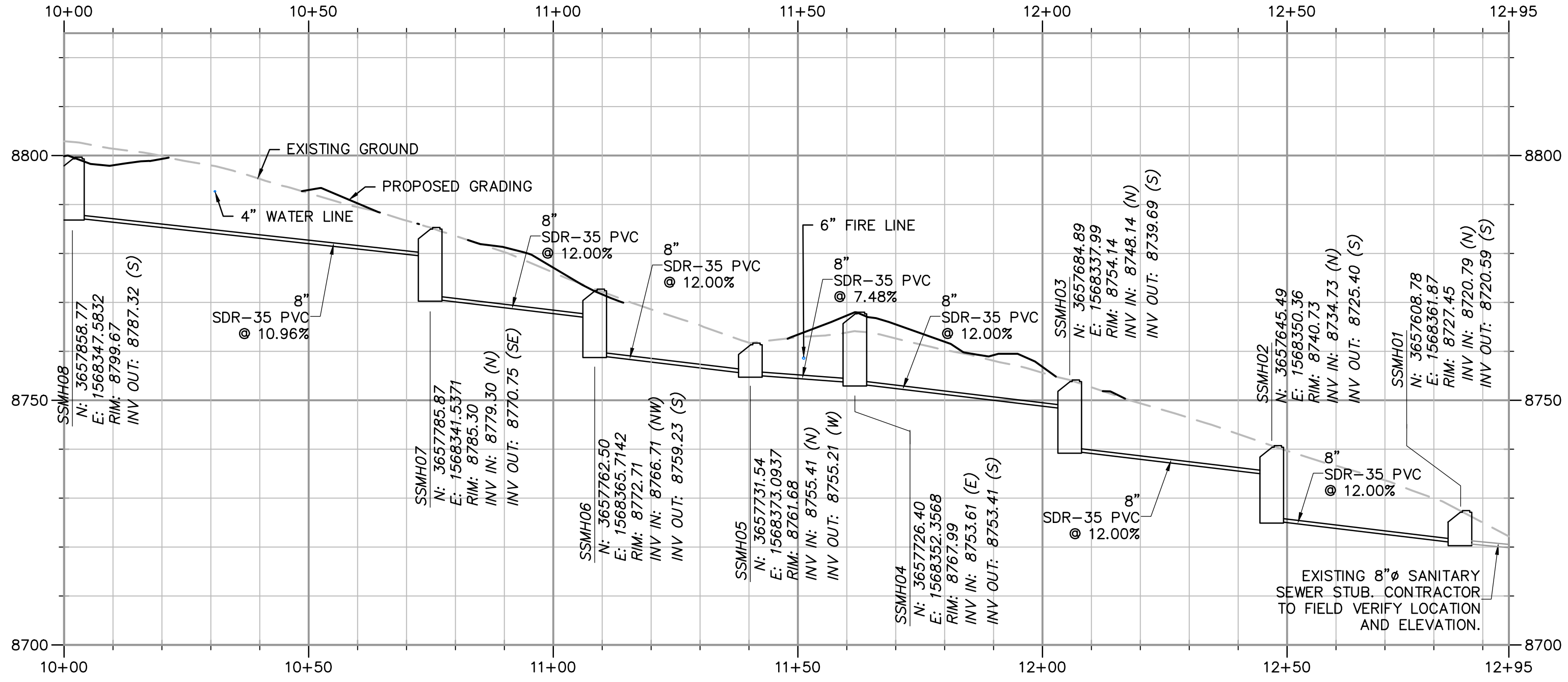
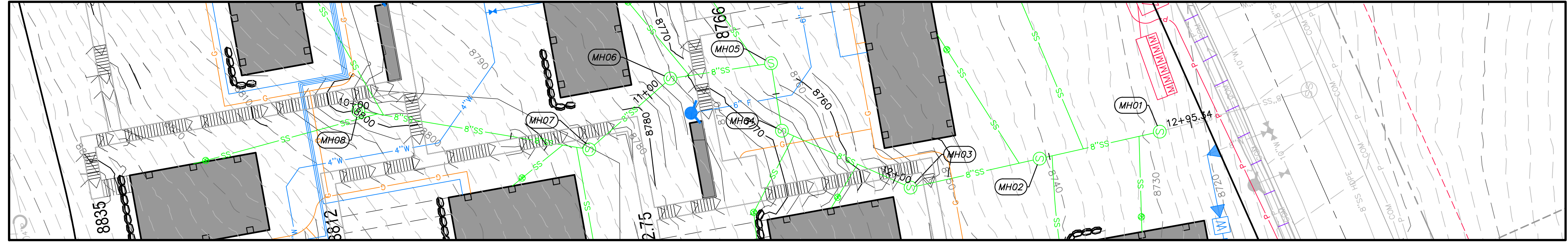
TALISMAN  
 CIVIL CONSULTANTS  
 6217 SOUTH STATE STREET, SUITE 200  
 801743.8800 TEL. 801743.0800 FAX  
 MURRAY, UT 84407

REGISTERED PROFESSIONAL ENGINEER  
 No. 7899506  
 RYAN W. CATHEY  
 8/23/17  
 STATE OF UTAH

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 unless such changes or uses are specifically approved by the engineer.



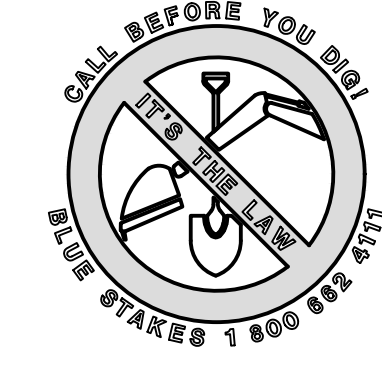


**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE  
 CONSTRUCTION CODES IDENTIFIED BELOW

<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.

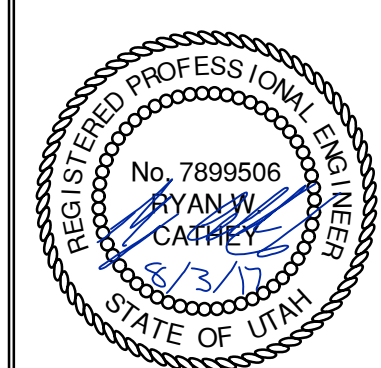
MEM DATE: 08/2/17  
 WEST COAST CODE CONSULTANTS, INC.



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**

DATE SUBMITTED: 08.03.2017

PREPARED FOR: SUMMIT POWDER MOUNTAIN

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.







DATE: 8/2/17 TIME: 1:07:33 PM DRAWING: GRADING AND DRAINAGE PLAN - EAST DWT: LAYOUT: 1  
 SERVER: NONE NAME: PIP-C30-24-38 LAYOUT: 111  
 PATH: N:\S\B0793\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
TW	TOP OF WALL



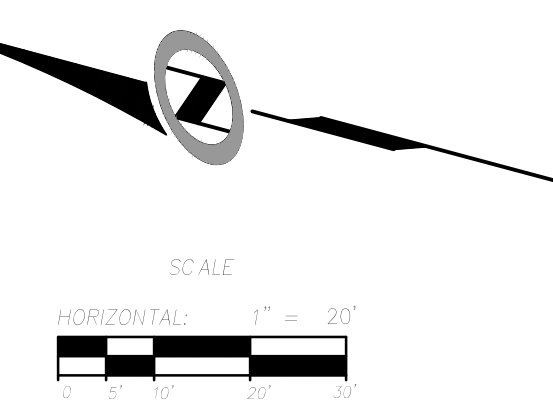
MATCHLINE - SEE THIS SHEET

**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.

MEM 08/21/17  
 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

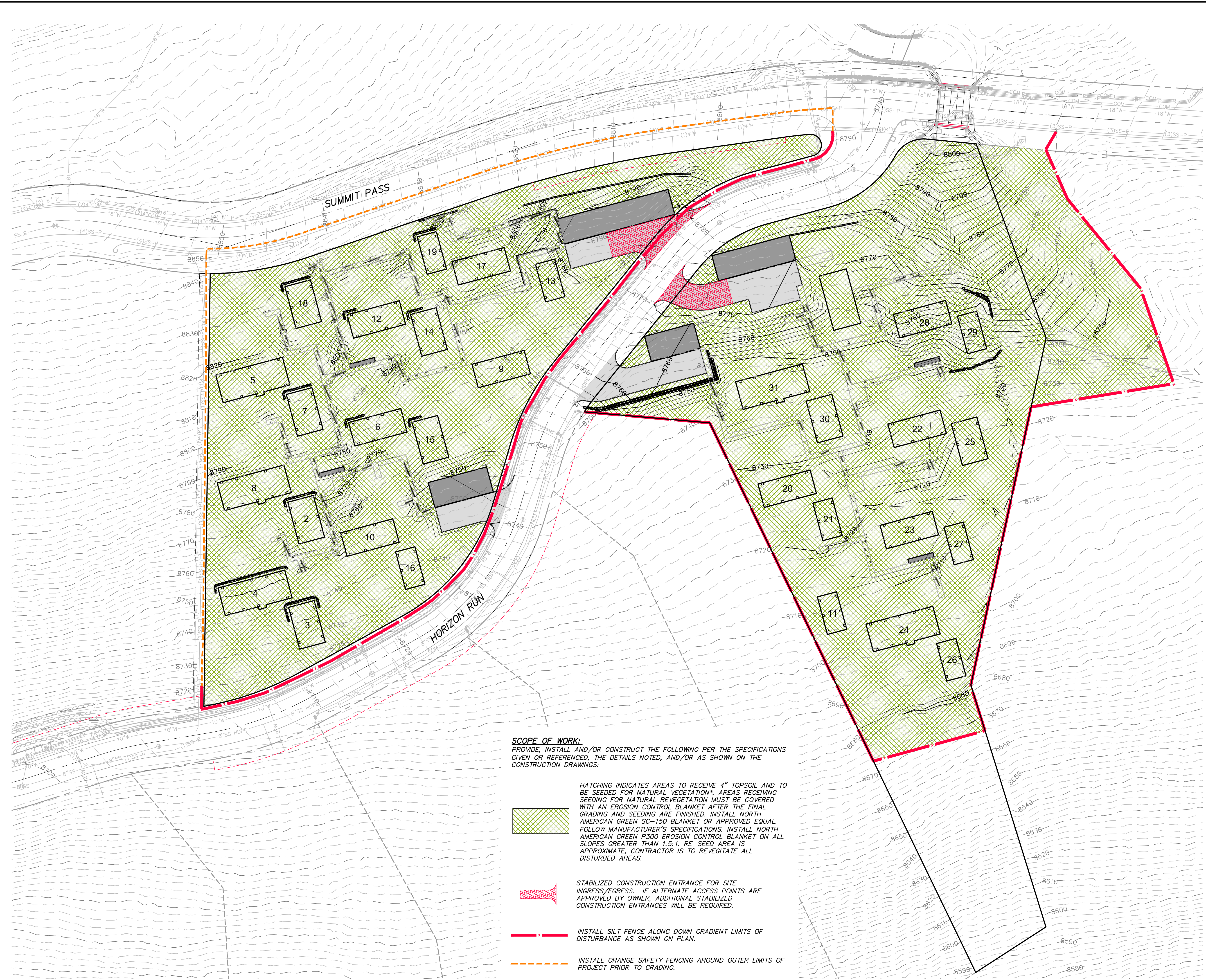
PREPARED FOR: SUMMIT POWDER MOUNTAIN

DATE SUBMITTED: 08.03.2017

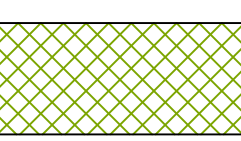
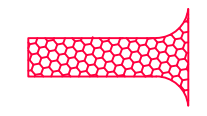


NO. BY DATE REVISIONS


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





**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: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

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

**BEFORE YOU DIG**  
 CALL 800 485 9779  
 BLUE STAKES 1 800 882 8778

NO.	BY	DATE	REVISIONS

**HORIZON NEIGHBORHOOD PRUD**  
**EROSION CONTROL PLAN - OVERALL**

DATE SUBMITTED: 08.03.2017

PREPARED FOR: SUMMIT POWDER MOUNTAIN

**TALISMAN**  
 CIVIL CONSULTANTS

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

MURRAY, UT 84407

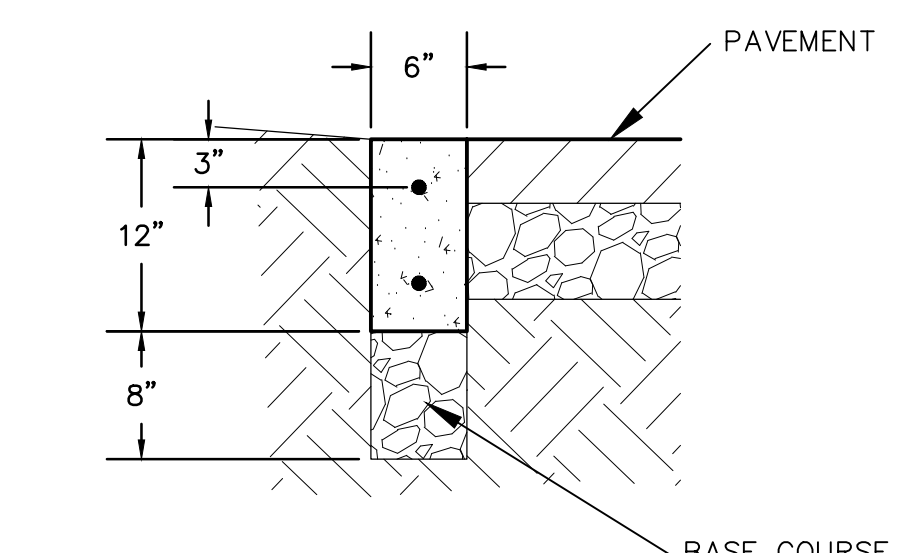
REGISTERED PROFESSIONAL ENGINEER  
 No. 7899506  
 RYAN W. CATHEY  
 8/23/17  
 STATE OF UTAH

SHEET NUMBER  
**4.00**

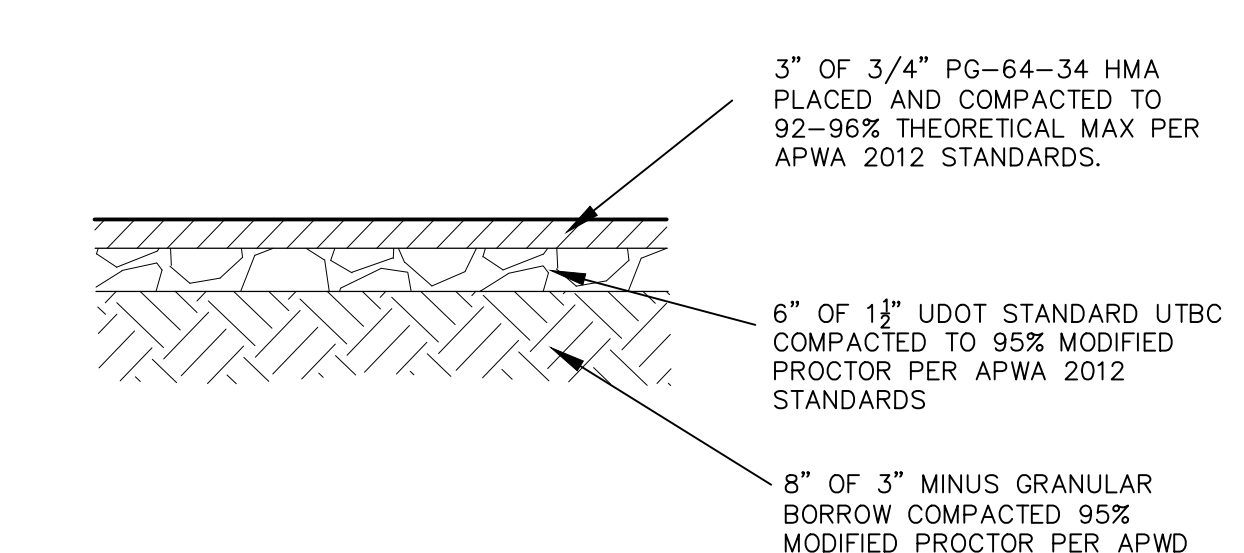
JOB NUMBER  
**SLB0793**

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.

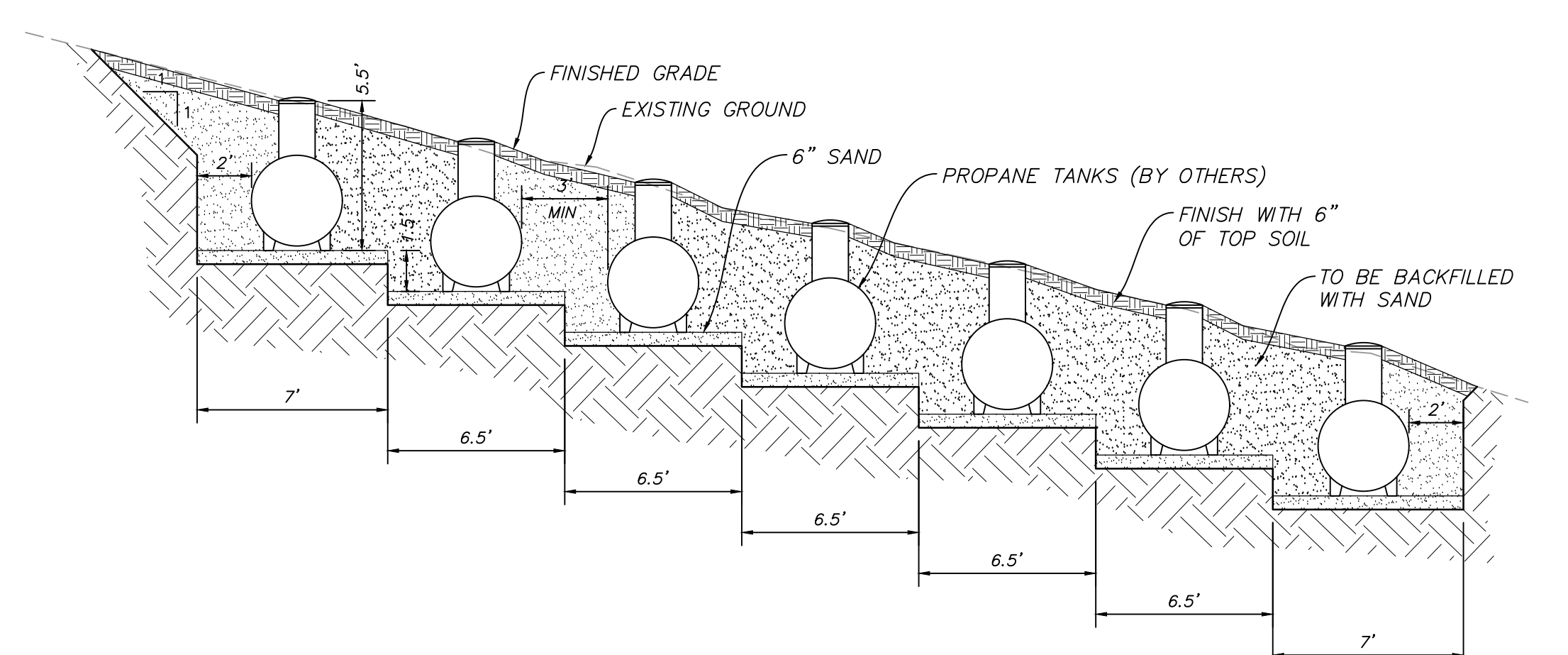




**RIBBON CURB**  
 (MODIFIED TYPE P CURB)  
 NTS

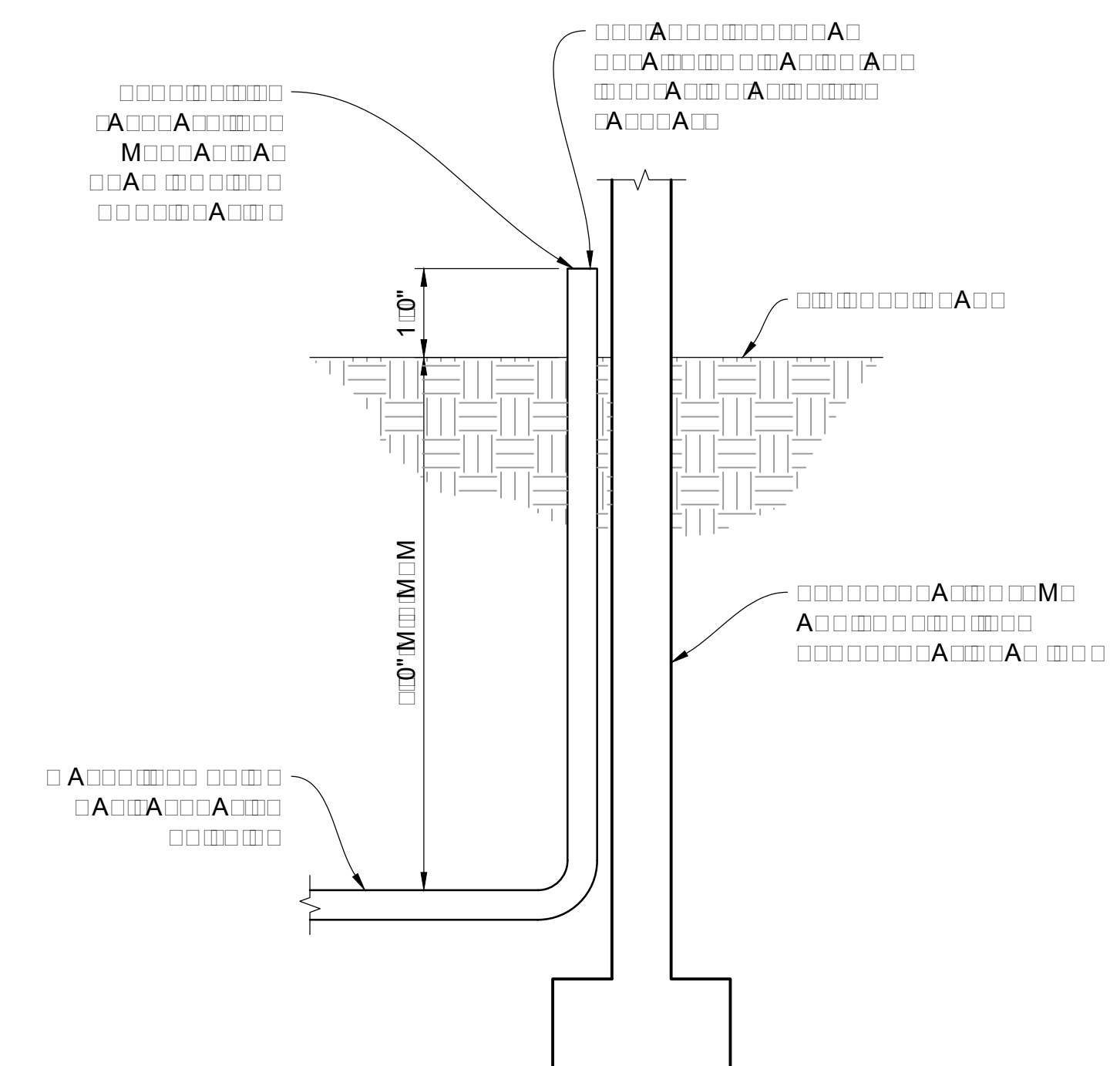


**PARKING ASPHALT SECTION**  
 NTS



SECTION A-A

**PROPANE TANK PIT**  
 VAR NTS



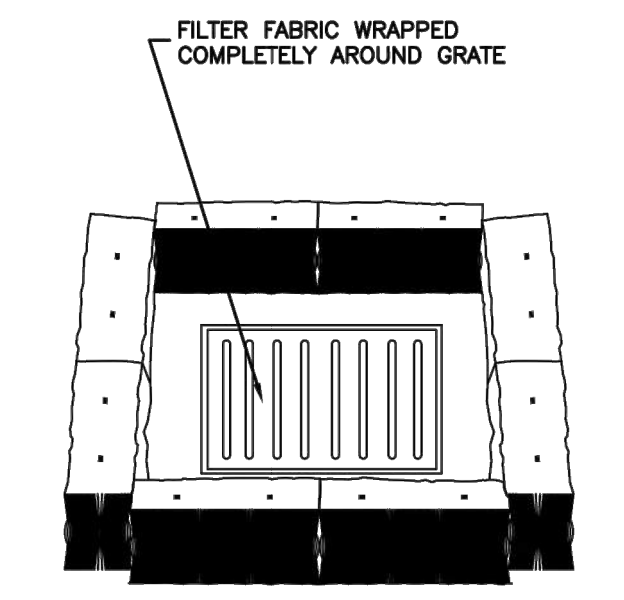
**SERVICE LATERAL DETAIL**  
 VAR NTS

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

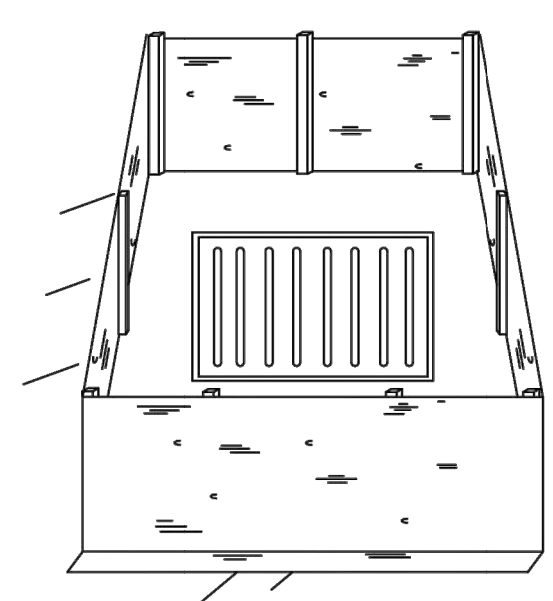
<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input checked="" type="checkbox"/> 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: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

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.



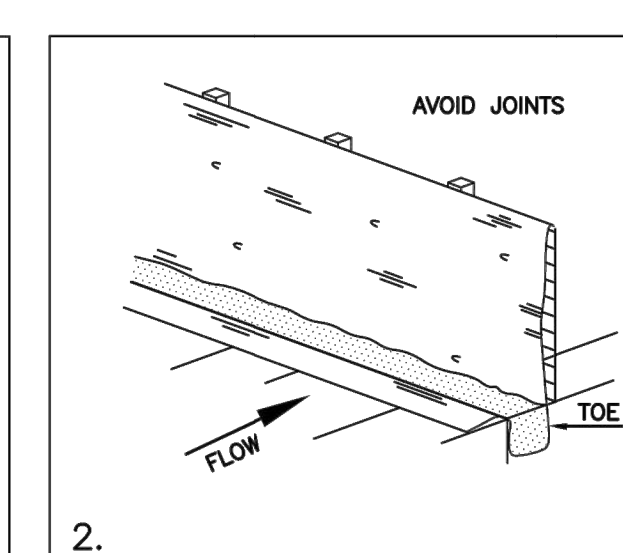
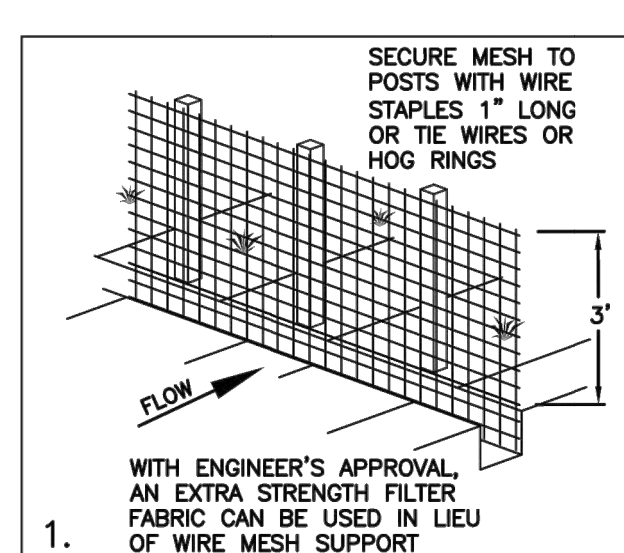
**STRAW BALE BARRIER**  
 (PLAN No. 121)



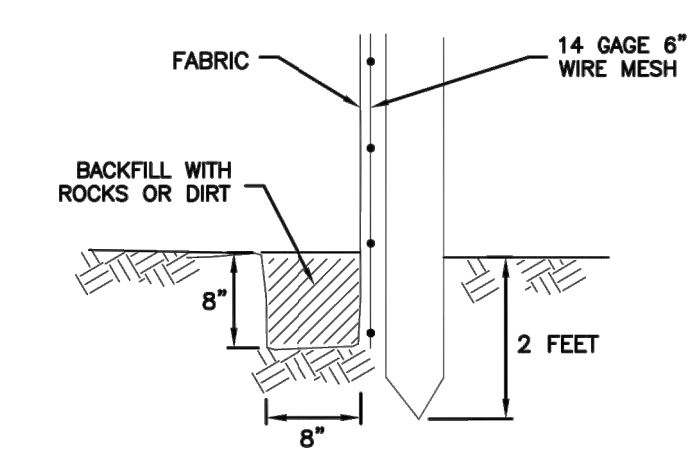
**SILT FENCE**  
 (PLAN No. 122)

**Inlet protection - fence or straw bale**  
 February 2006 15 Plan 124 Sheet 3 of 3

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.



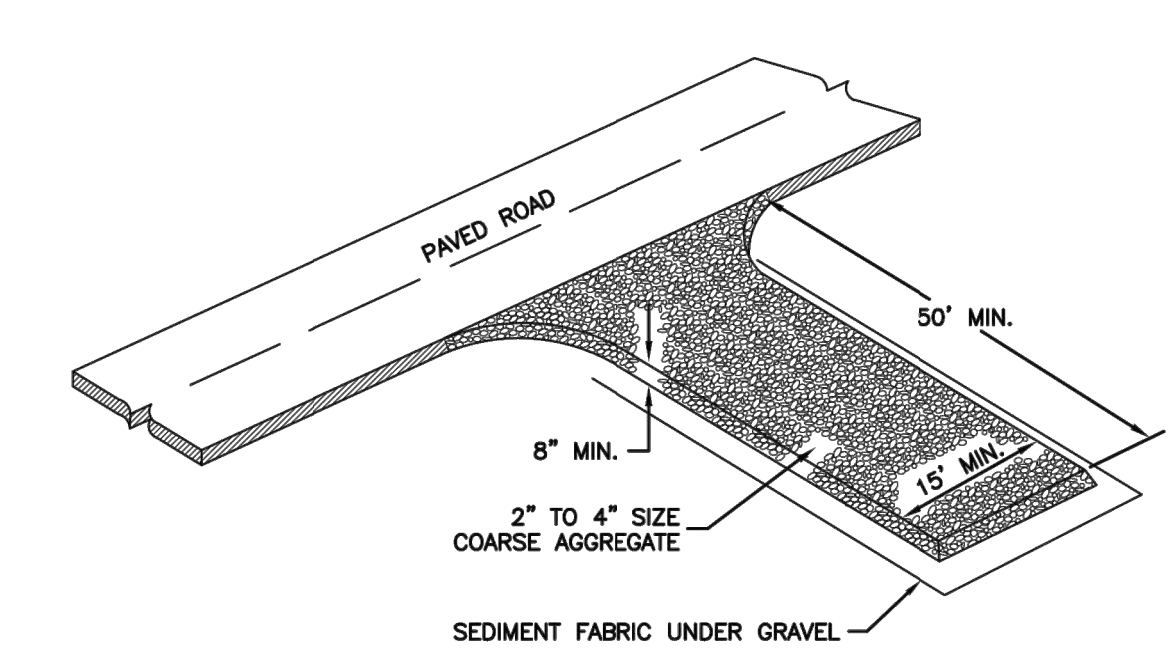
INSTALLATION SEQUENCE



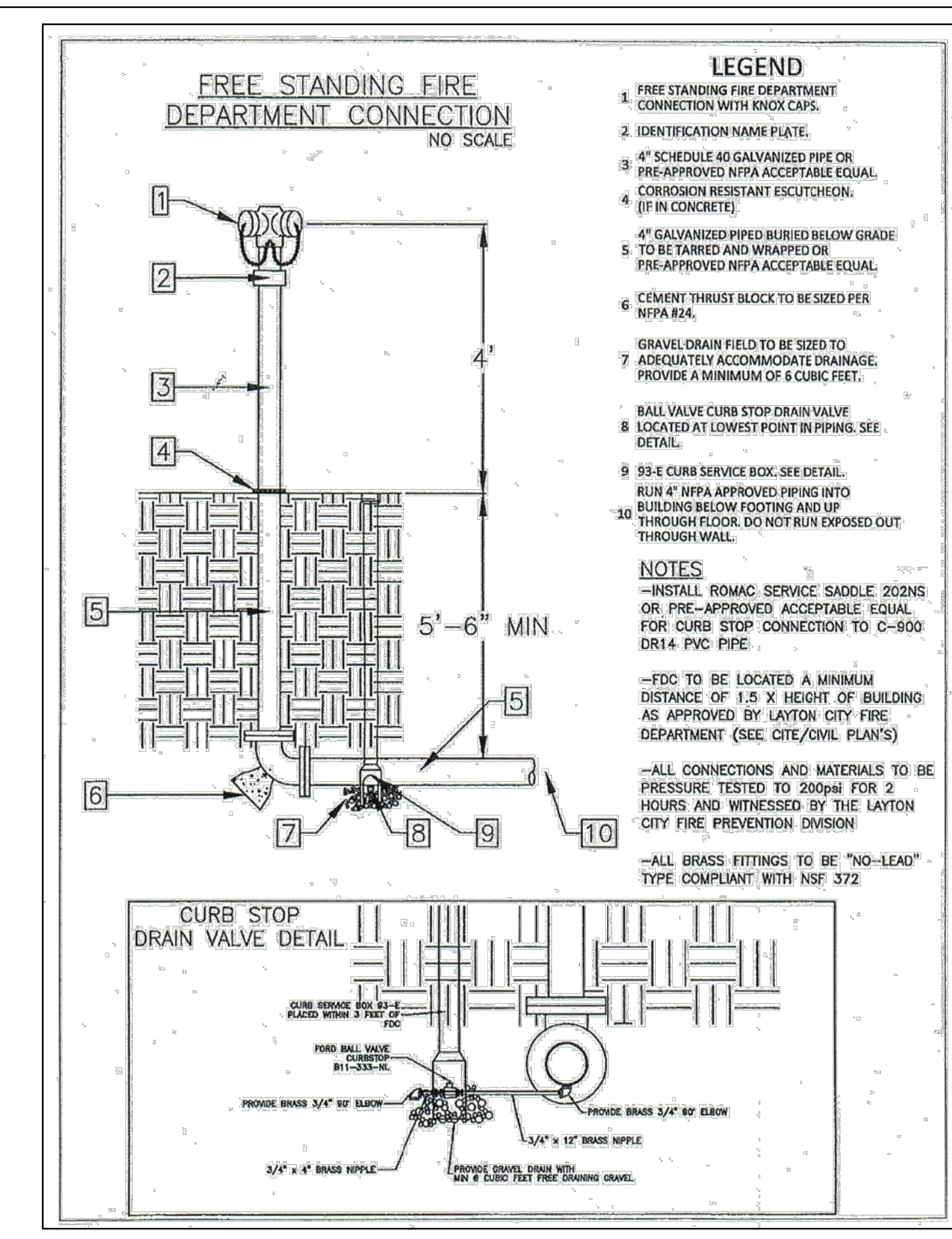
TOE DETAIL

**Silt fence**  
 February 2006 7 Plan 122

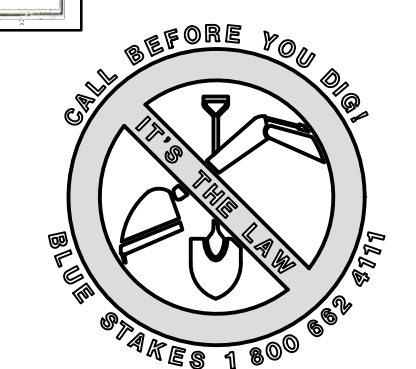
NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE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



**Stabilized roadway entrance**  
 February 2006 19 Plan 126



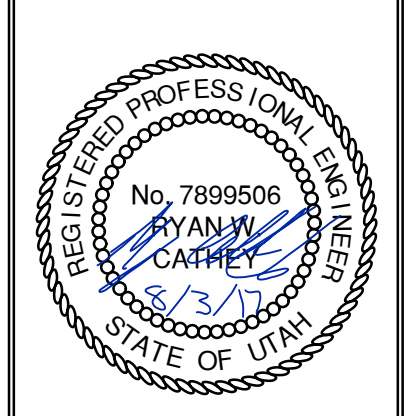
**FREE STANDING FIRE DEPARTMENT CONNECTION**  
 NO SCALE  
**FIRE DEPARTMENT CONNECTION**  
 VAR NTS



NO.	DATE	BY	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

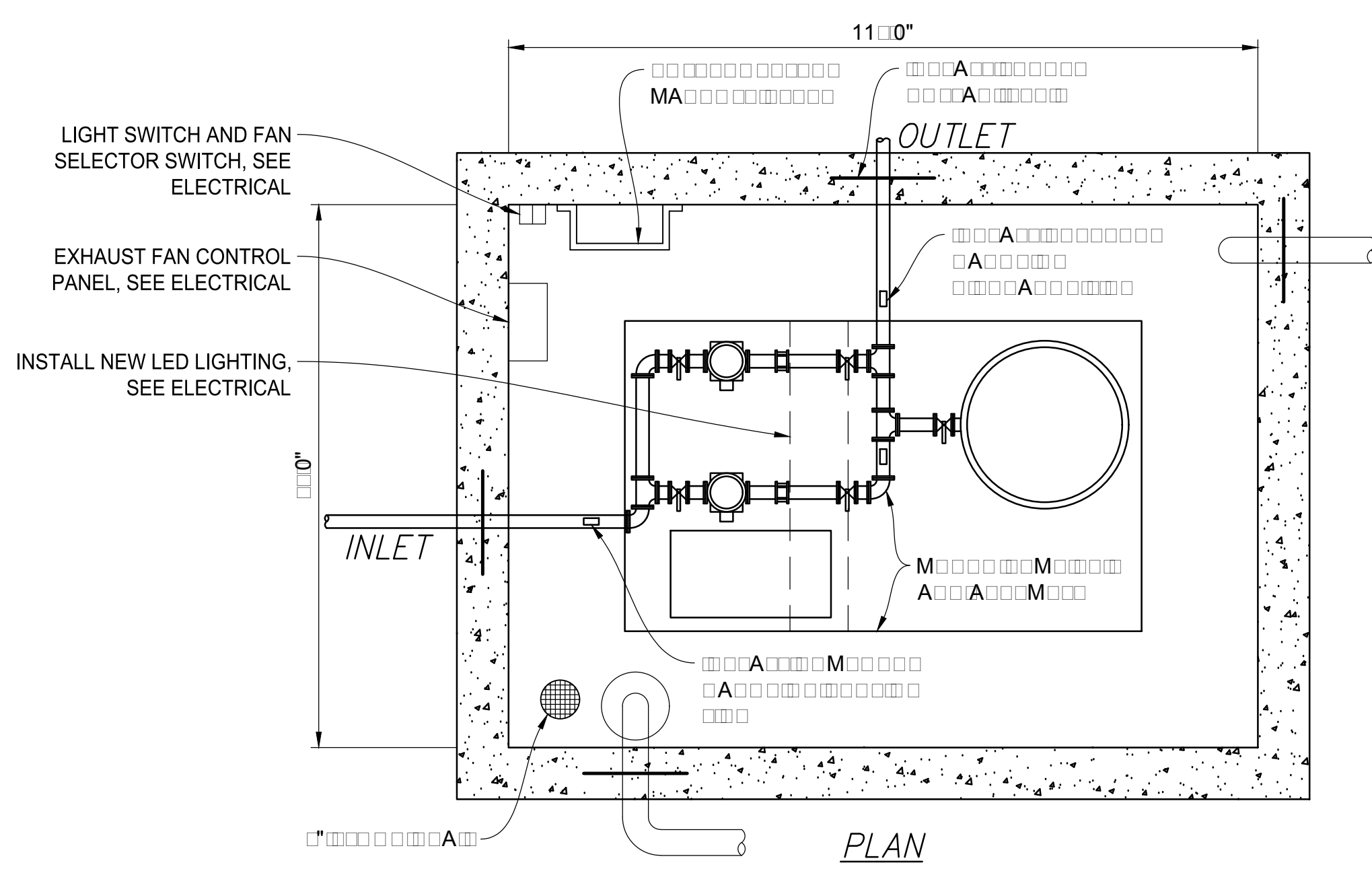
5217 SOUTH STATE STREET, SUITE 200  
 801743.8800 TEL. 801743.0800 FAX

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

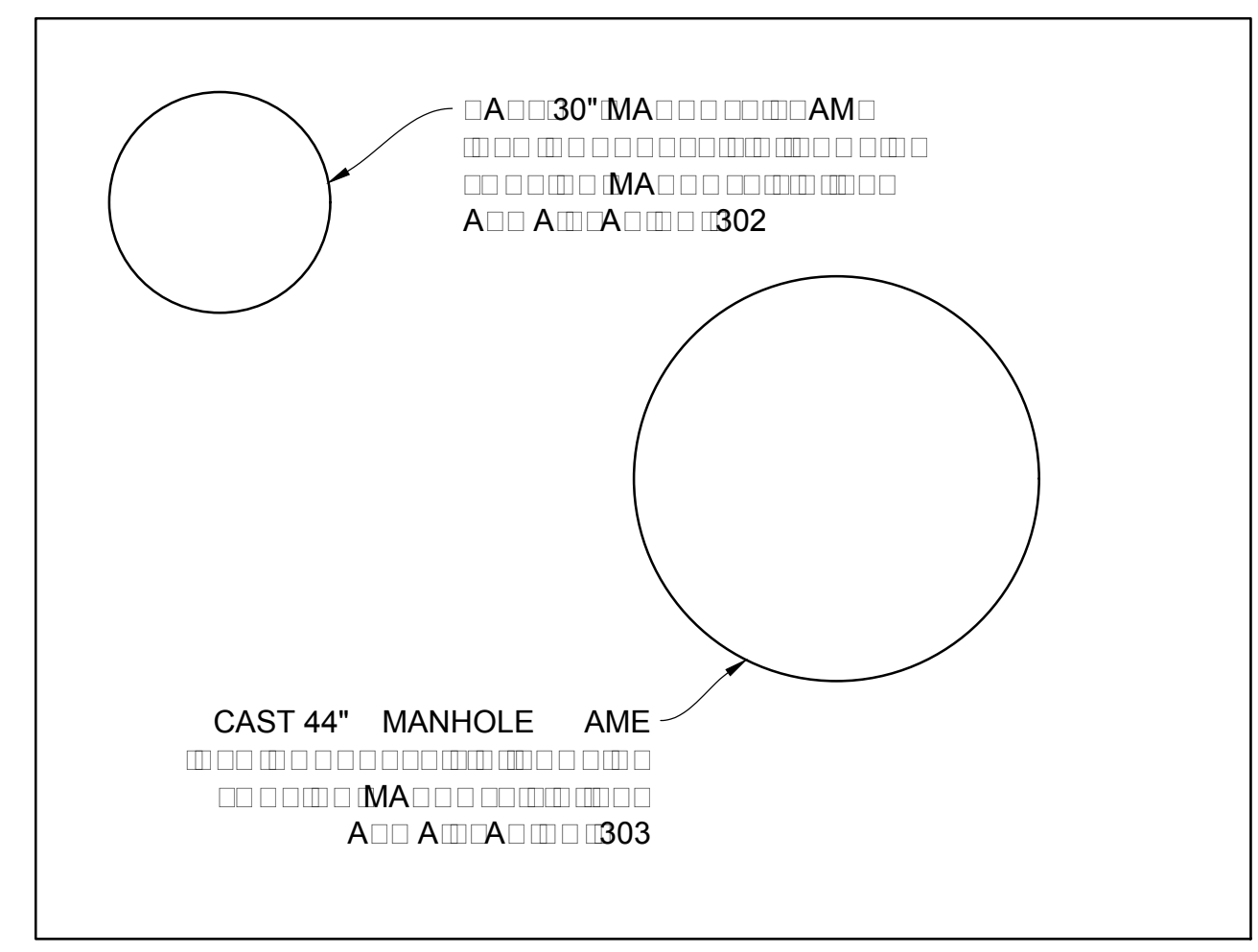




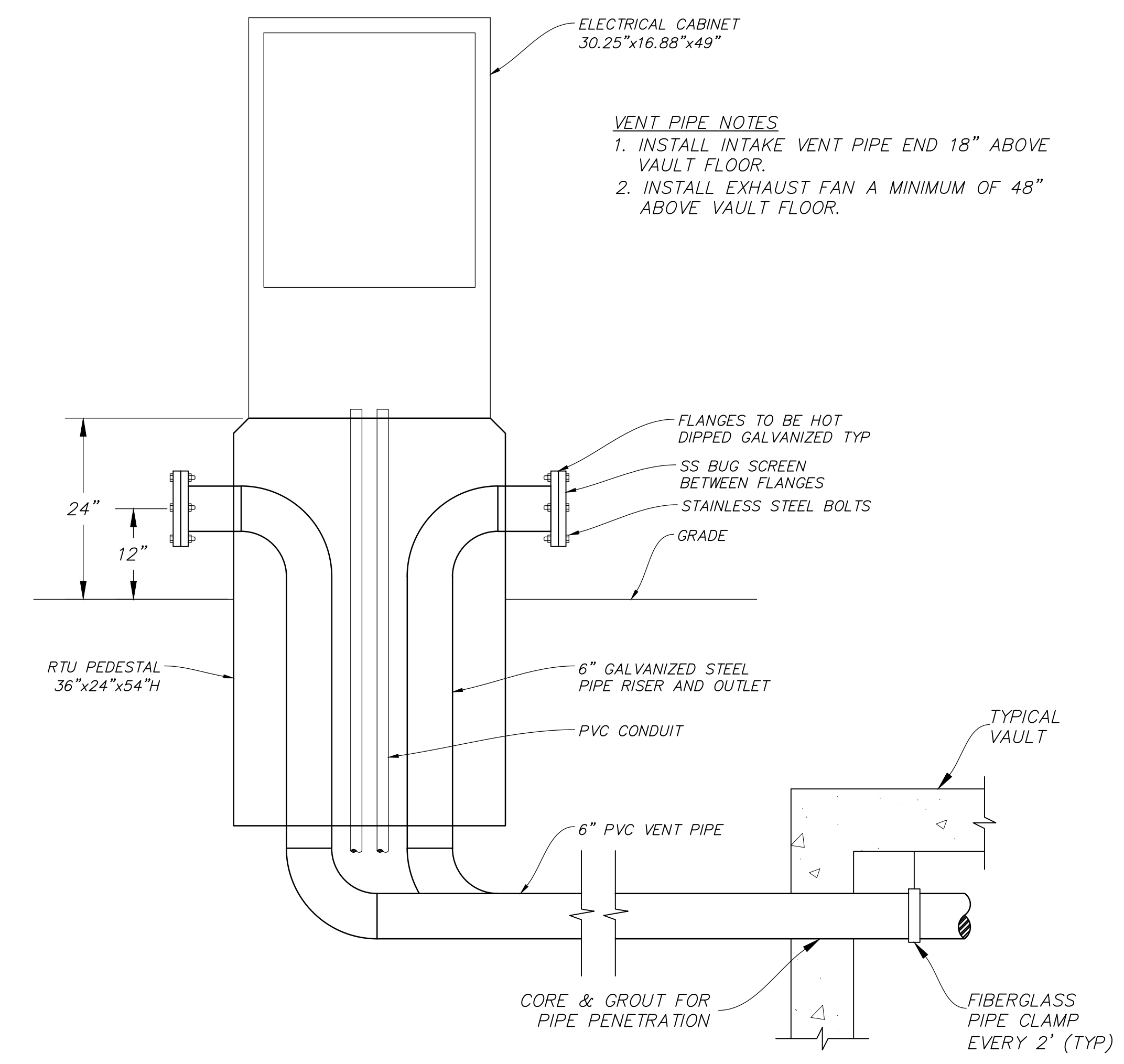




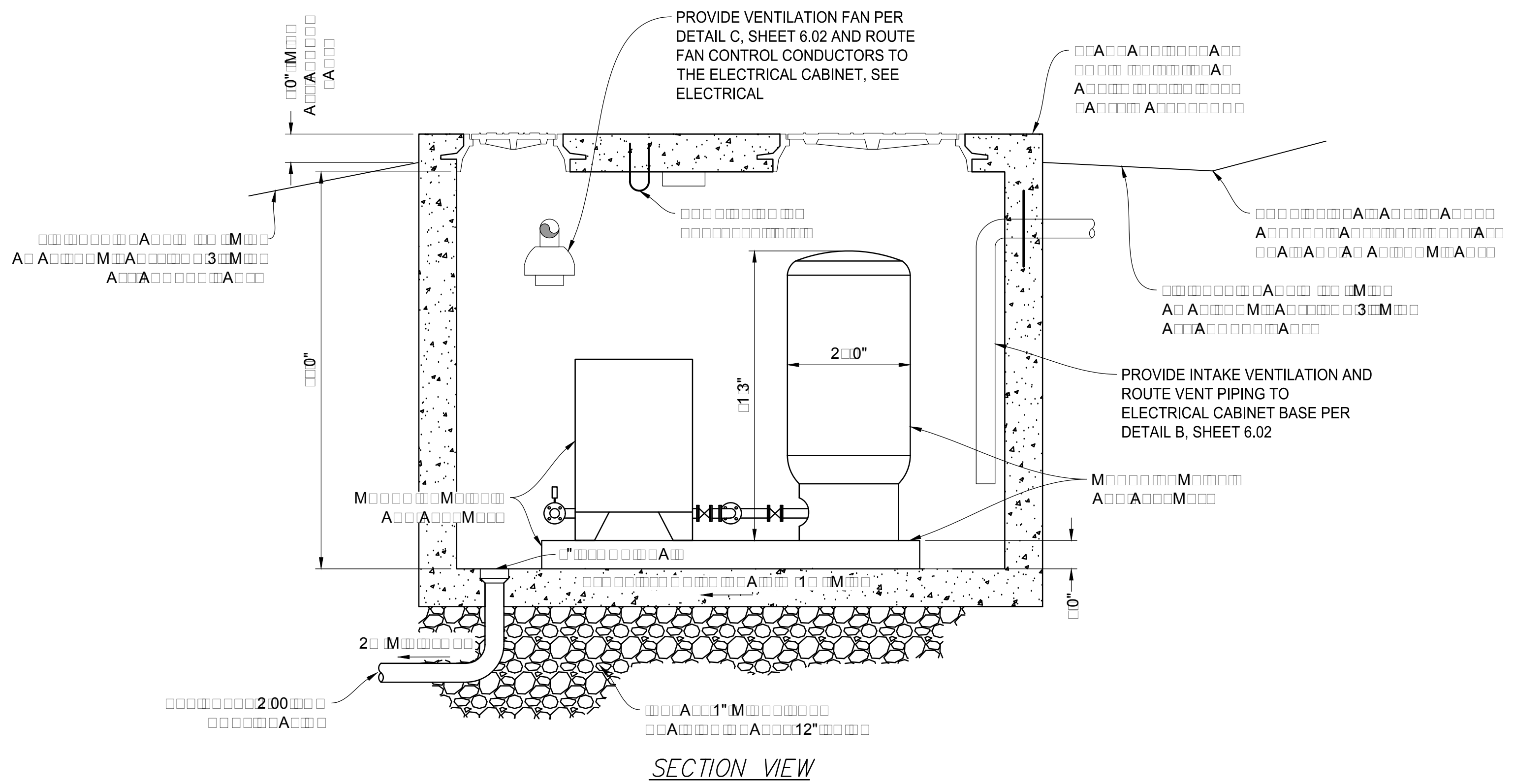
PLAN



BOX LID

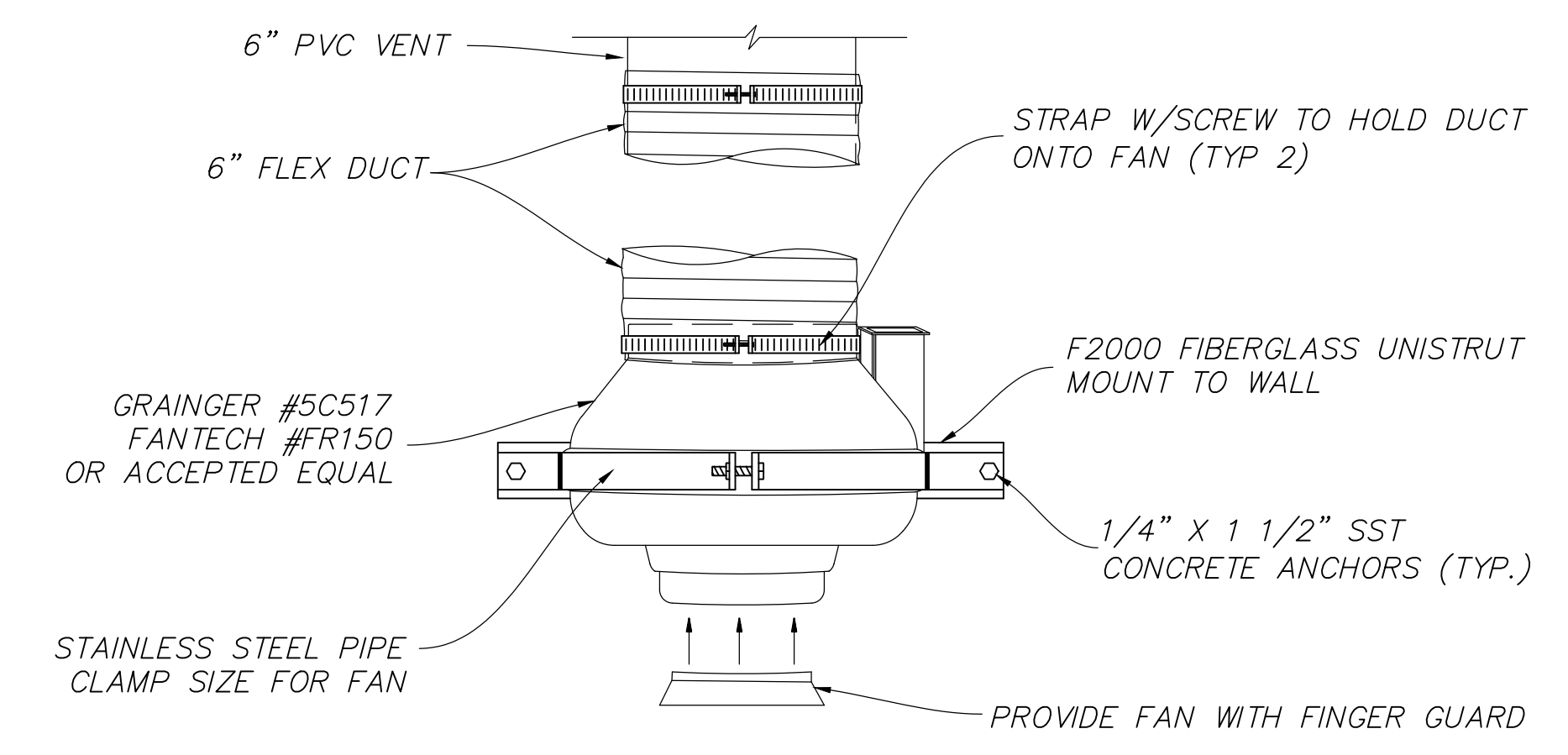


**B** ELECTRICAL PEDESTAL DETAIL  
NOT TO SCALE



SECTION VIEW

**A** BOOSTER PUMP VAULT  
NOT TO SCALE

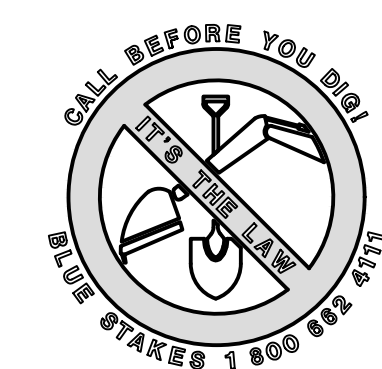


**C** FAN DETAIL  
NOT TO SCALE

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

<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.  
 MEM DATE 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.



NO.	DATE	BY	REVISIONS

**HORIZON NEIGHBORHOOD PRUD  
 BOOSTER PUMP DETAILS**

PREPARED FOR: SUMMIT POWDER MOUNTAIN DATE SUBMITTED: 08.03.2017

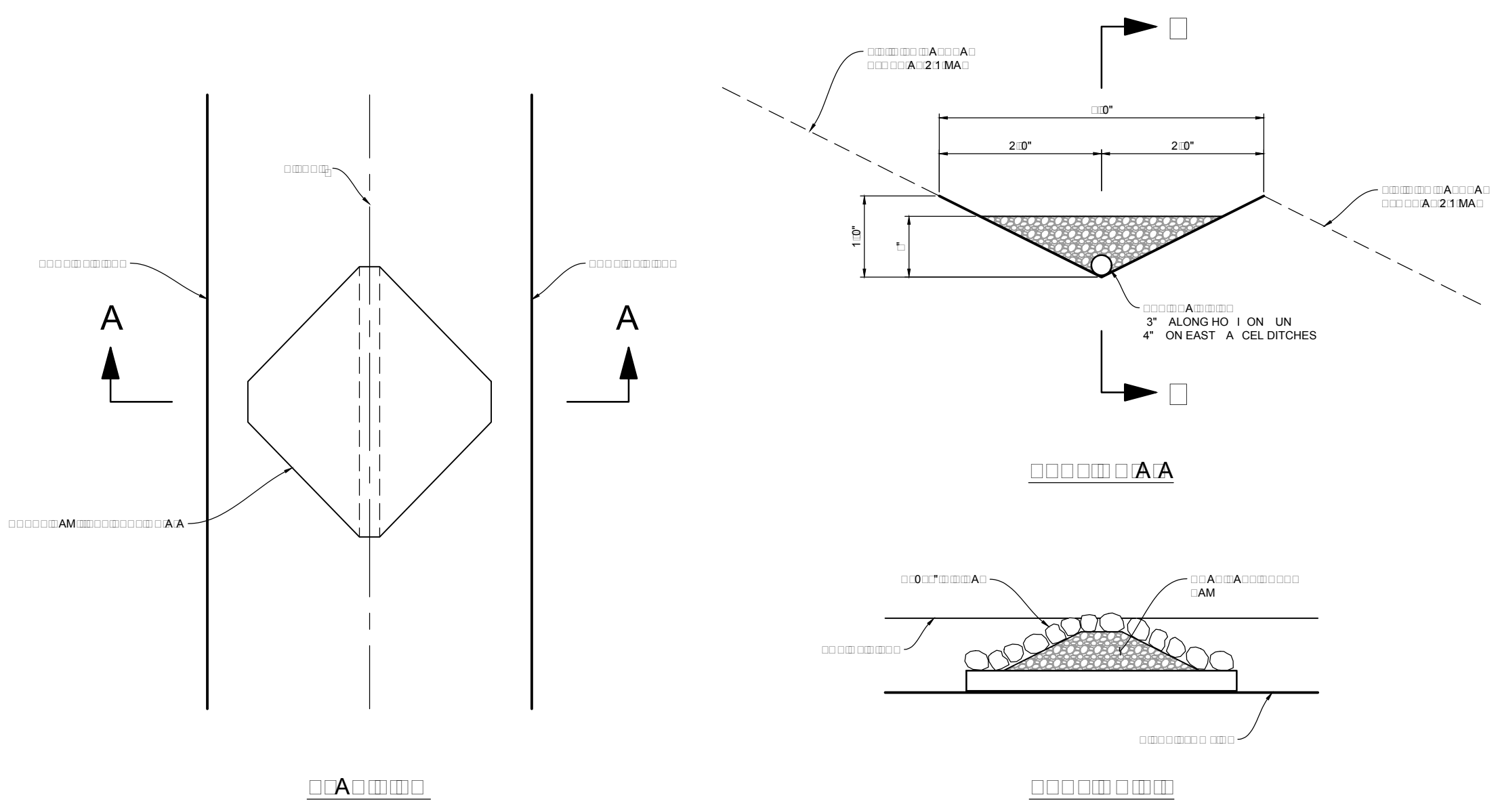
**TALISMAN**  
 CIVIL CONSULTANTS  
 MURRAY, UT 84007  
 6217 SOUTH STATE STREET, SUITE 200  
 801743.8000 TEL. 801743.0800 FAX

REGISTERED PROFESSIONAL ENGINEER No. 7899506 YAN W. CATHY 8/3/17 STATE OF UTAH
SHEET NUMBER <b>6.02</b>
SCALE VERTICAL: 1" = N/A HORIZONTAL: 1" = N/A
JOB NUMBER <b>SLB0793</b>





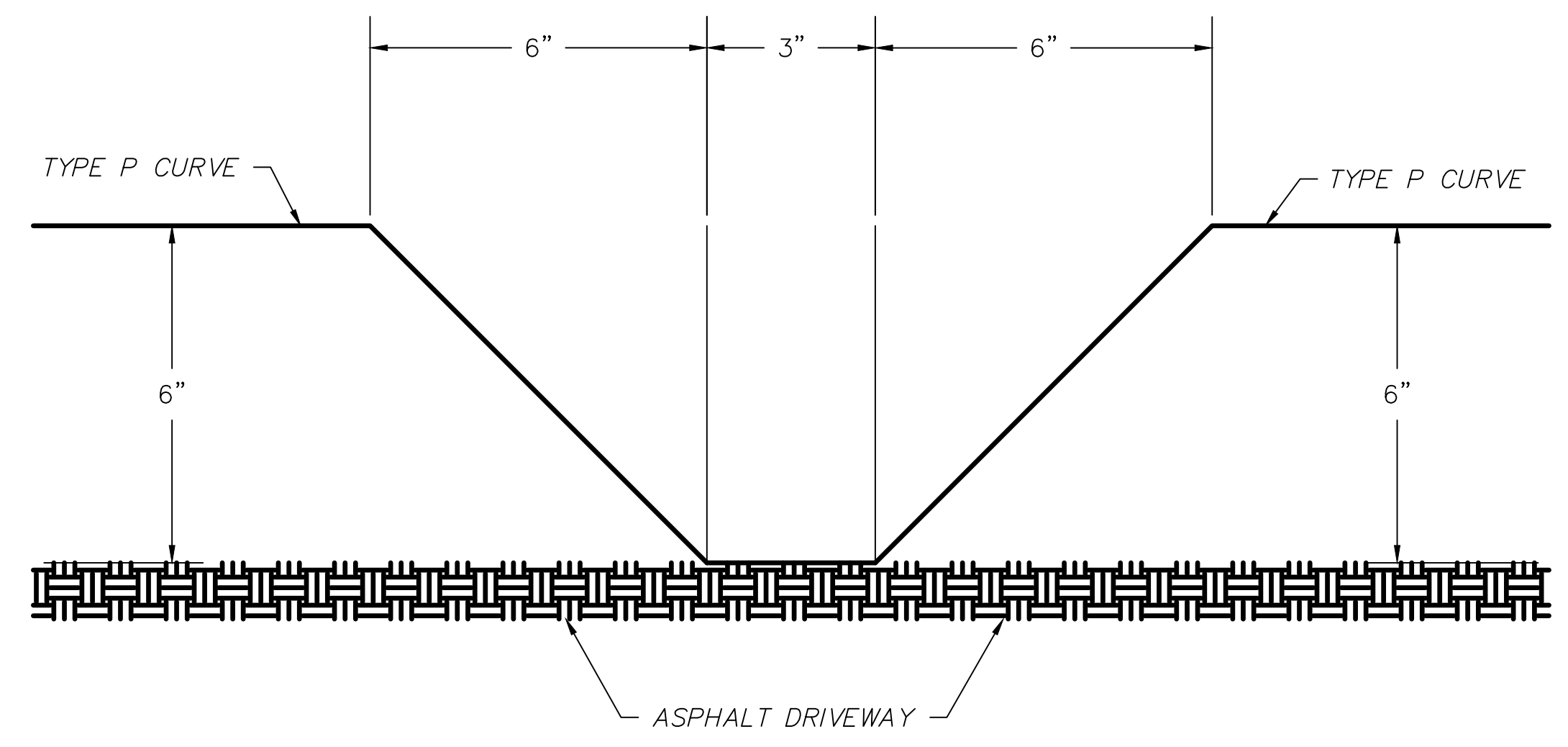




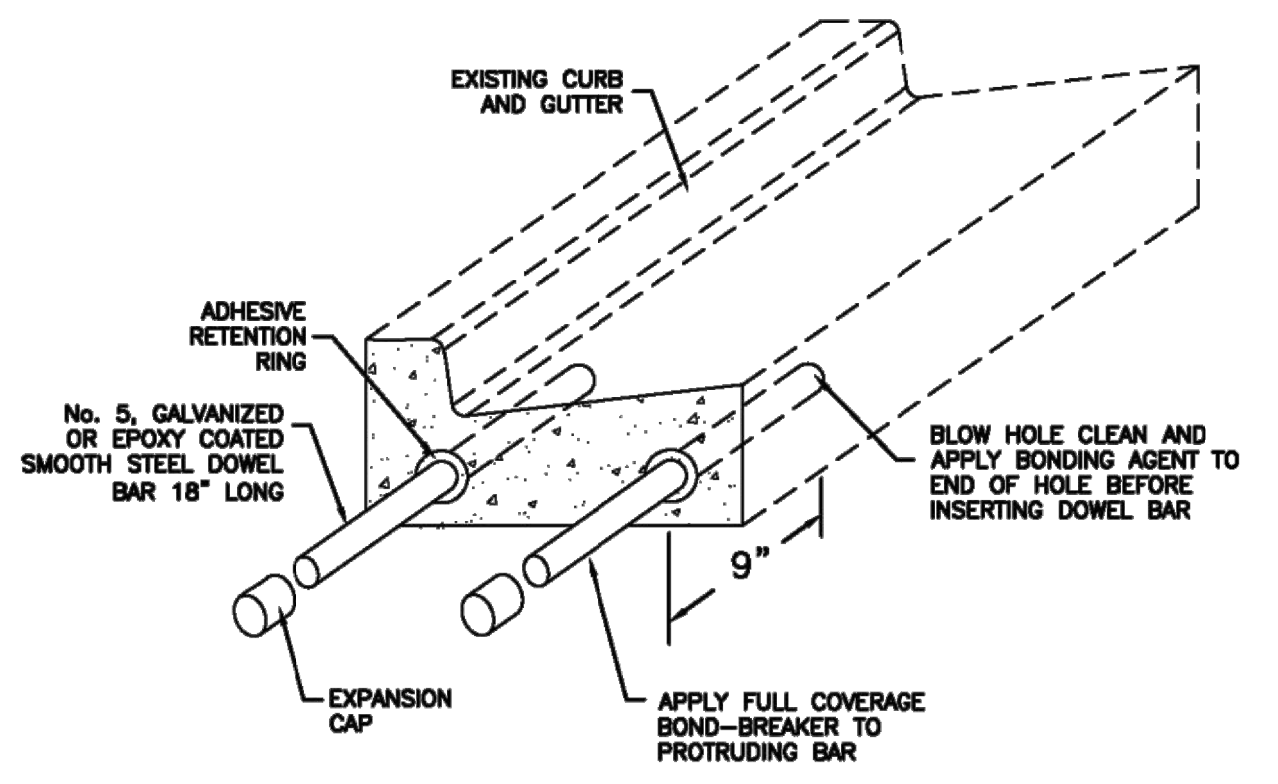
- Curb and gutter connection**
- GENERAL**
    - A. Connect new curb and gutter to existing curb and gutter that has not been placed by CONTRACTOR.
  - PRODUCTS**
    - A. Reinforcement: Galvanized or epoxy coated, 60 ksi yield grade steel, ASTM A 615.
    - B. Adhesive: Epoxy adhesive grout, APWA Section 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.

- 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)

**CHECK DAM DETAIL**  
 VAR NTS



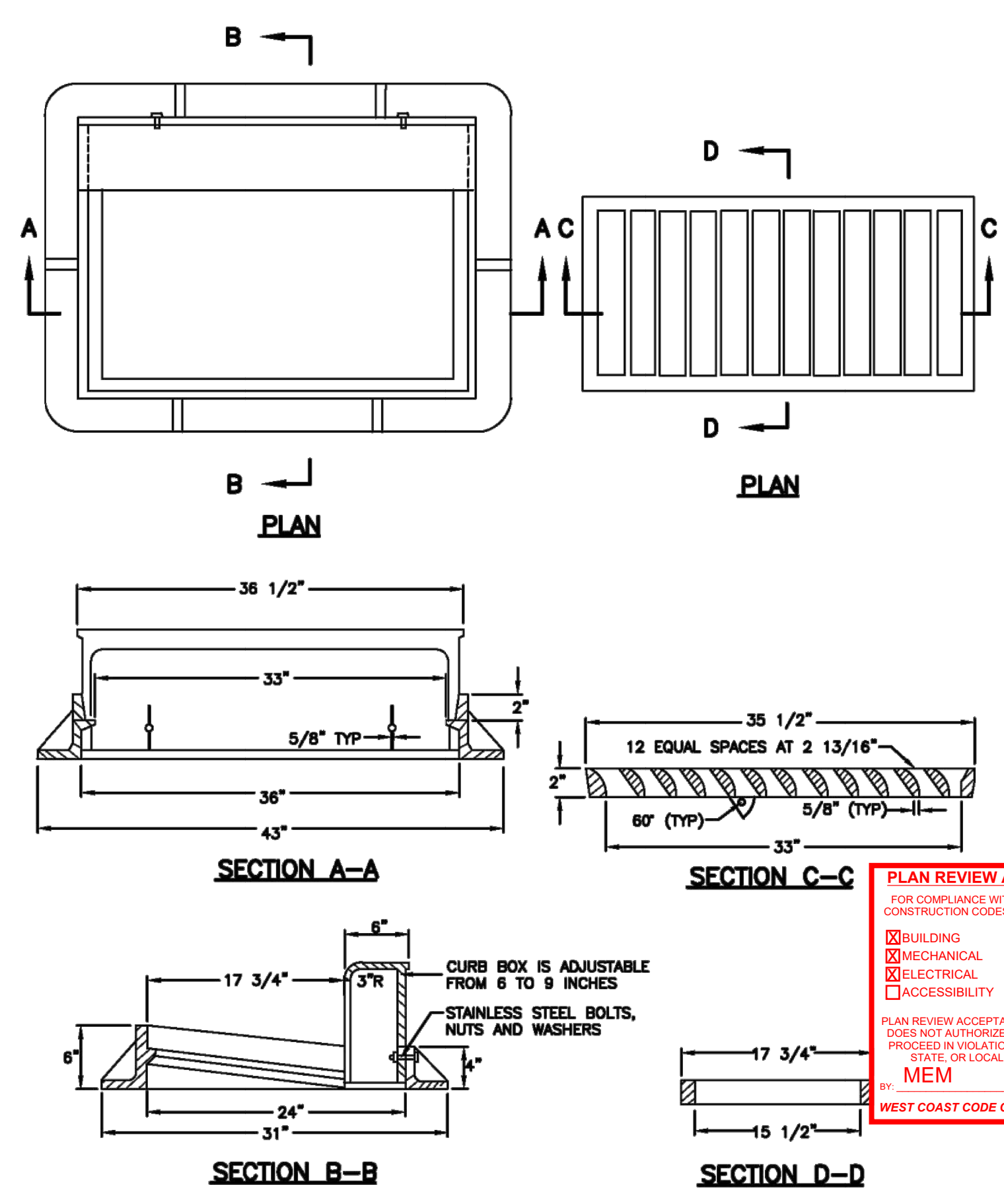
**CURB CUT DETAIL**  
 604 NTS



**Curb and gutter connection**  
 Plan 206

June 2009

33



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

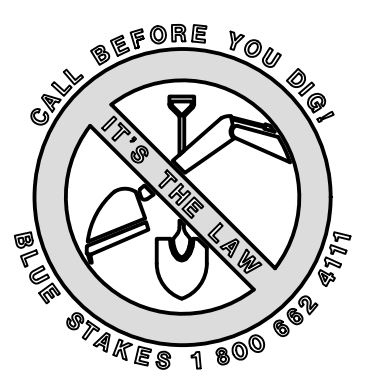
January 1999

147

**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: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.



NO.	BY	DATE	REVISIONS

**HORIZON NEIGHBORHOOD PRUD**  
**DETAILS**  
 PREPARED FOR: SUMMIT POWDER MOUNTAIN  
 DATE SUBMITTED: 08.03.2017

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

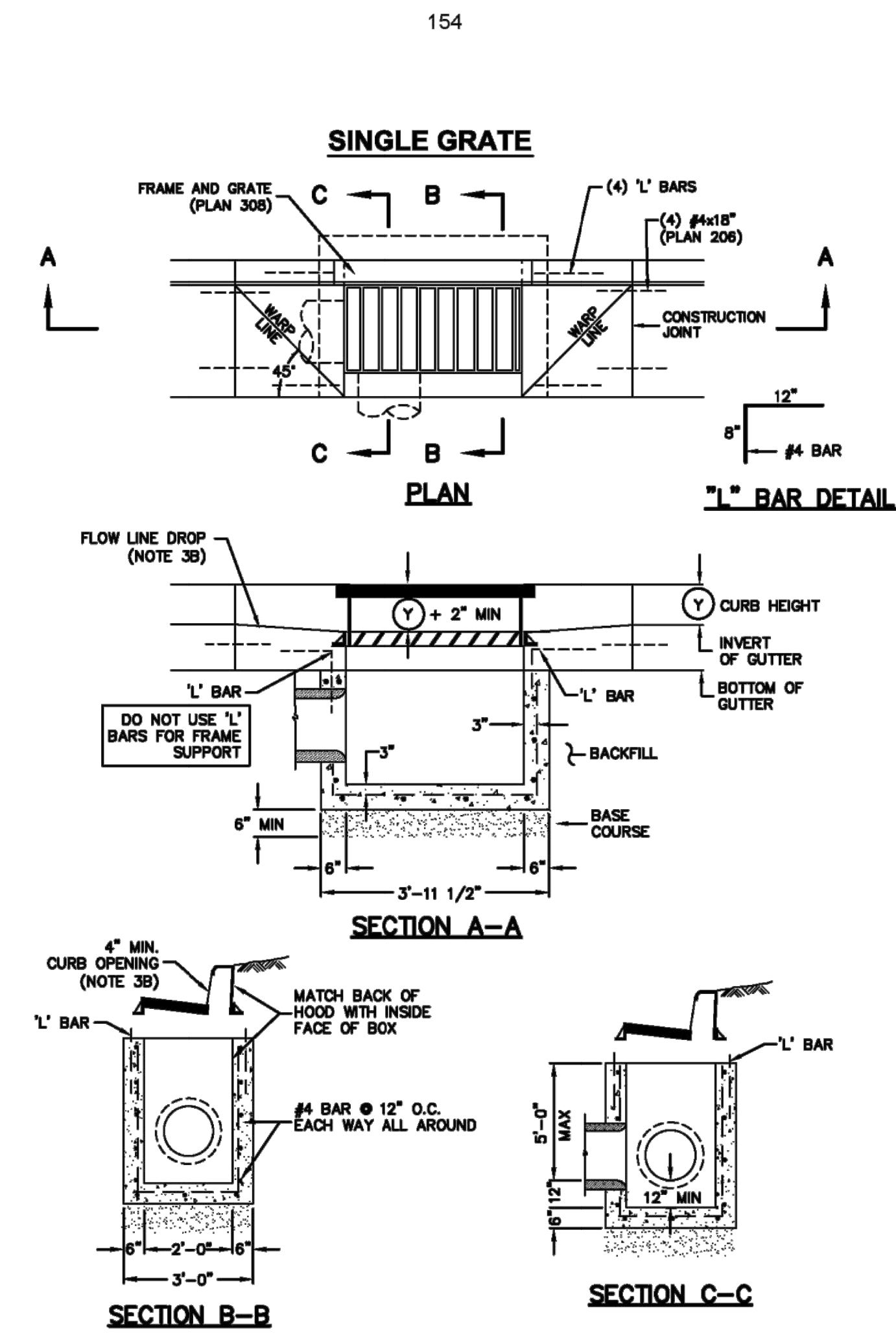
REGISTERED PROFESSIONAL ENGINEER  
 No. 7899506  
 RYAN W. CATHEY  
 8/3/17  
 STATE OF UTAH

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



**Catch basin**

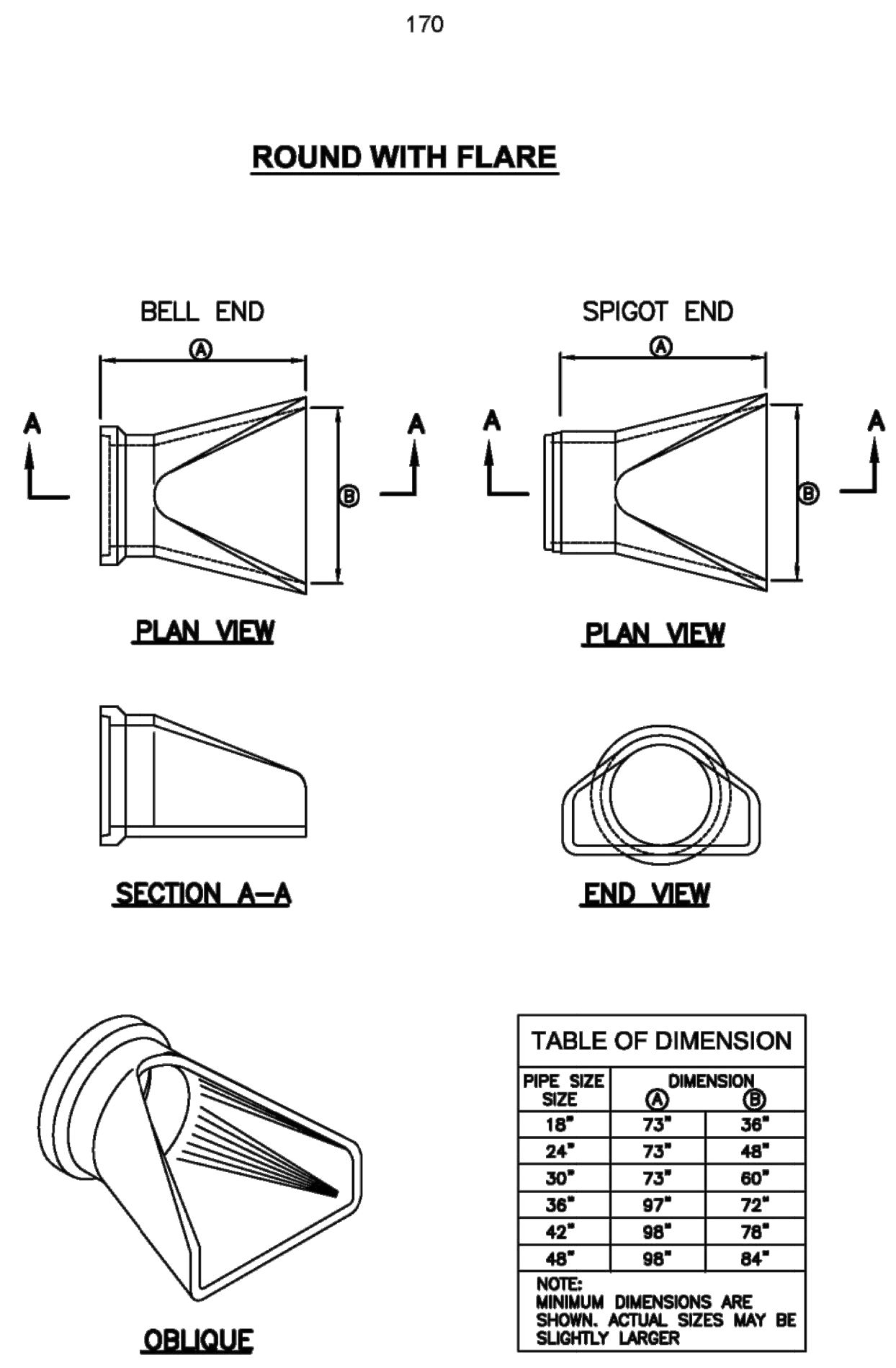
- GENERAL**
  - The drawing shows typical pipe connections. Refer to construction drawings for connection locations or refer to field location of existing piping when engineering pipe connection to the box.
- PRODUCTS**
  - Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel 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.
  - Reinforcement: Deformed, 60 ksi yield grade steel, ASTM A 615.
- EXECUTION**
  - 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.
  - 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.
  - Concrete Placement: APWA Section 03 30 10. Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
  - 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**

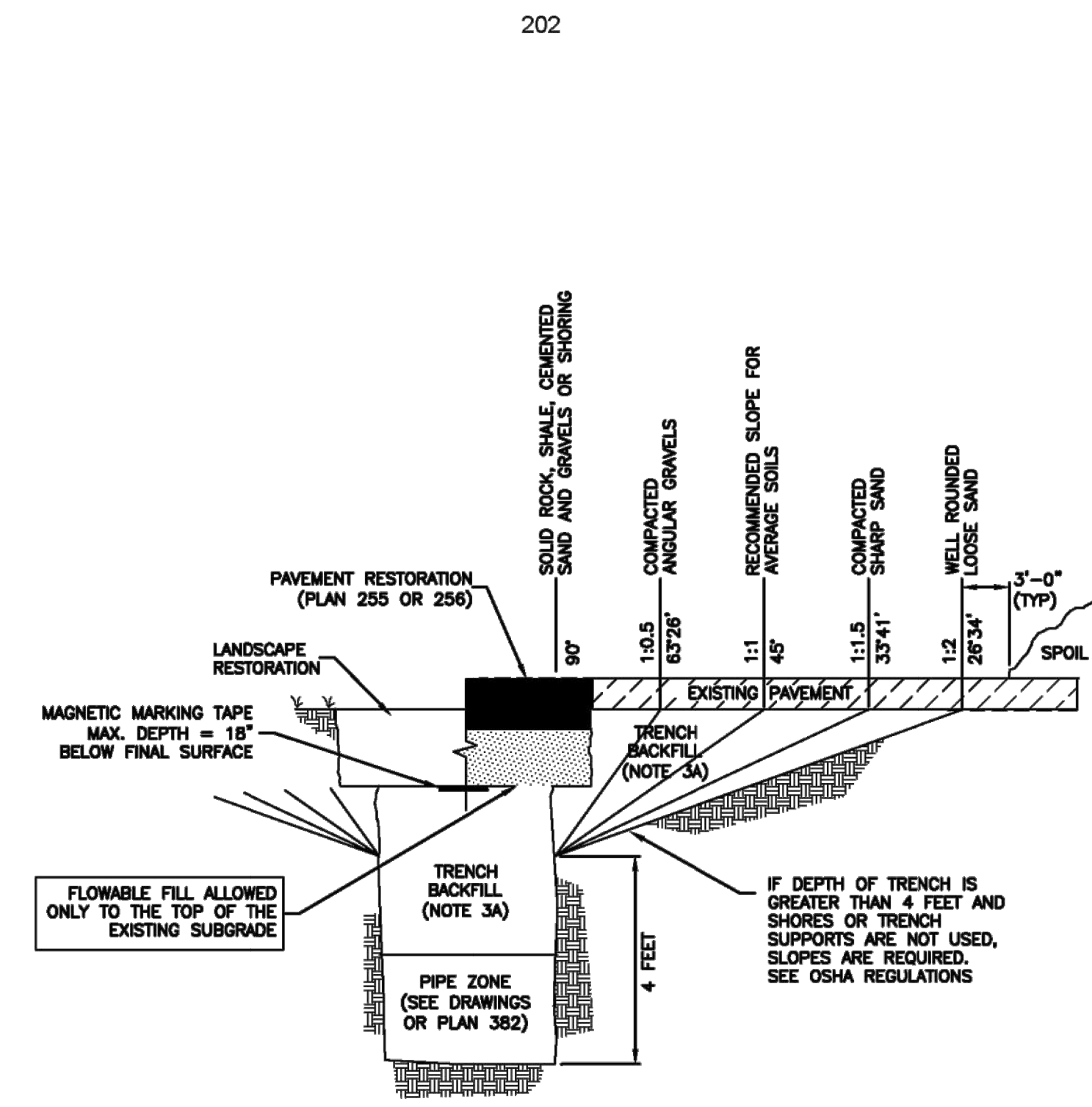
- GENERAL**
  - Round concrete pipe application.
  - Additional requirements are specified in APWA Section 33 05 02.
- PRODUCTS**
  - Use the same quality of precast end section as the pipe.
  - Use the joint material and connection that is the same as the joints in the pipeline.
- EXECUTION**
  - General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



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

**Trench backfill**

- GENERAL**
  - The drawing applies to backfilling the trench above the pipe zone.
- PRODUCTS**
  - Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 3-inches.
  - 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.
- EXECUTION**
  - Trench Backfill:
    - DO NOT USE sewer rock, pea gravel, or recycled RAP aggregate as trench backfill.
    - 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.
    - Water jetting is NOT allowed.
    - 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.
  - Flowable Fill: When required, place controlled low strength material in the trench, APWA Section 31 05 15. Cure the fill before placing surface restorations.
  - Surface Restoration:
    - 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.
    - 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.  
 MEM DATE: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

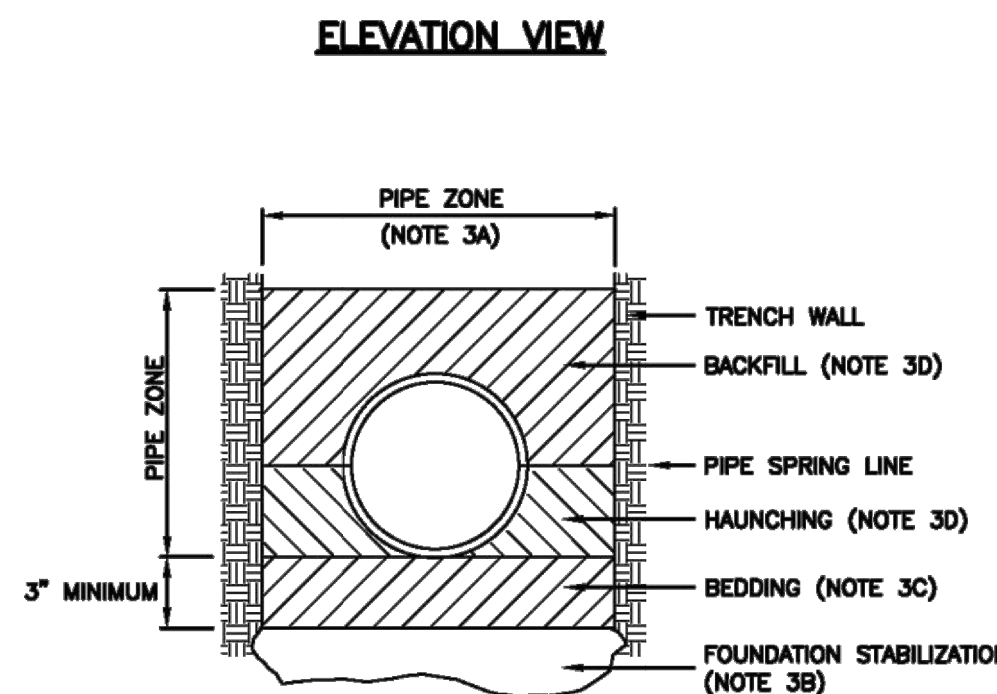
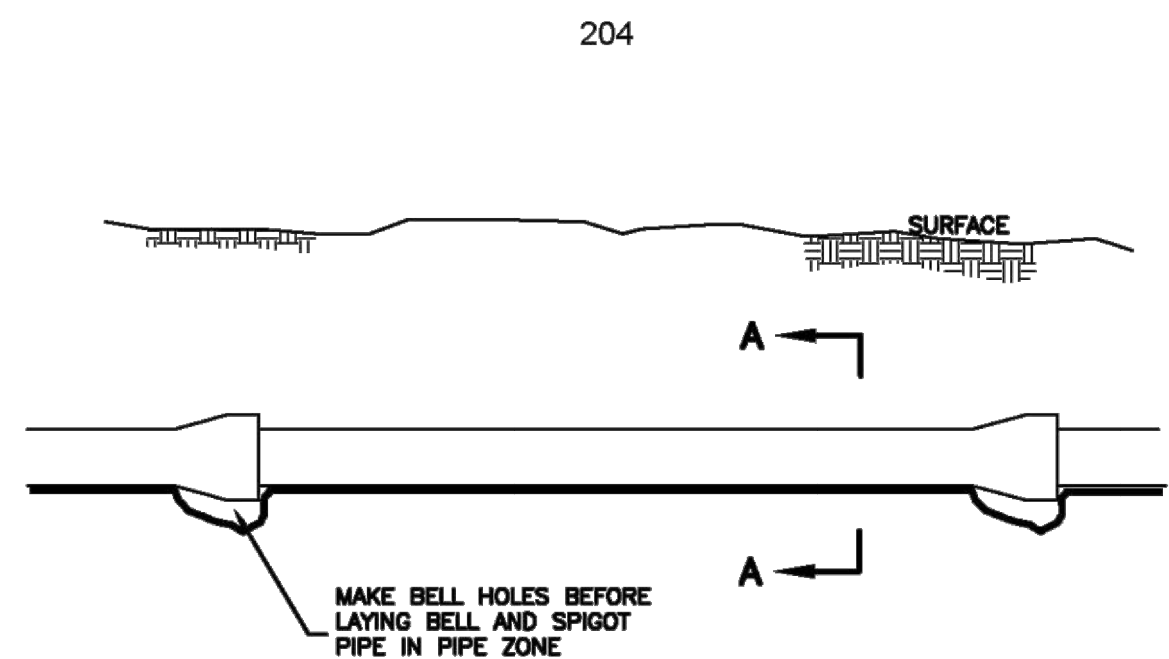


HORIZON NEIGHBORHOOD PRUD  
 DETAILS  
 PREPARED FOR: SUMMIT POWDER MOUNTAIN  
 DATE SUBMITTED: 08.03.2017  
 MURRAY, UT 84407  
**TALISMAN**  
 CIVIL CONSULTANTS  
 5217 SOUTH STATE STREET, SUITE 200  
 801743.8000 TEL. 801743.0800 FAX  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 7899506  
 RYAN W. CATHEY  
 STATE OF UTAH  
 SHEET NUMBER  
**6.05**  
 SCALE  
 VERTICAL: 1" = N/A  
 HORIZONTAL: 1" = N/A  
 JOB NUMBER  
**SLB0793**



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.

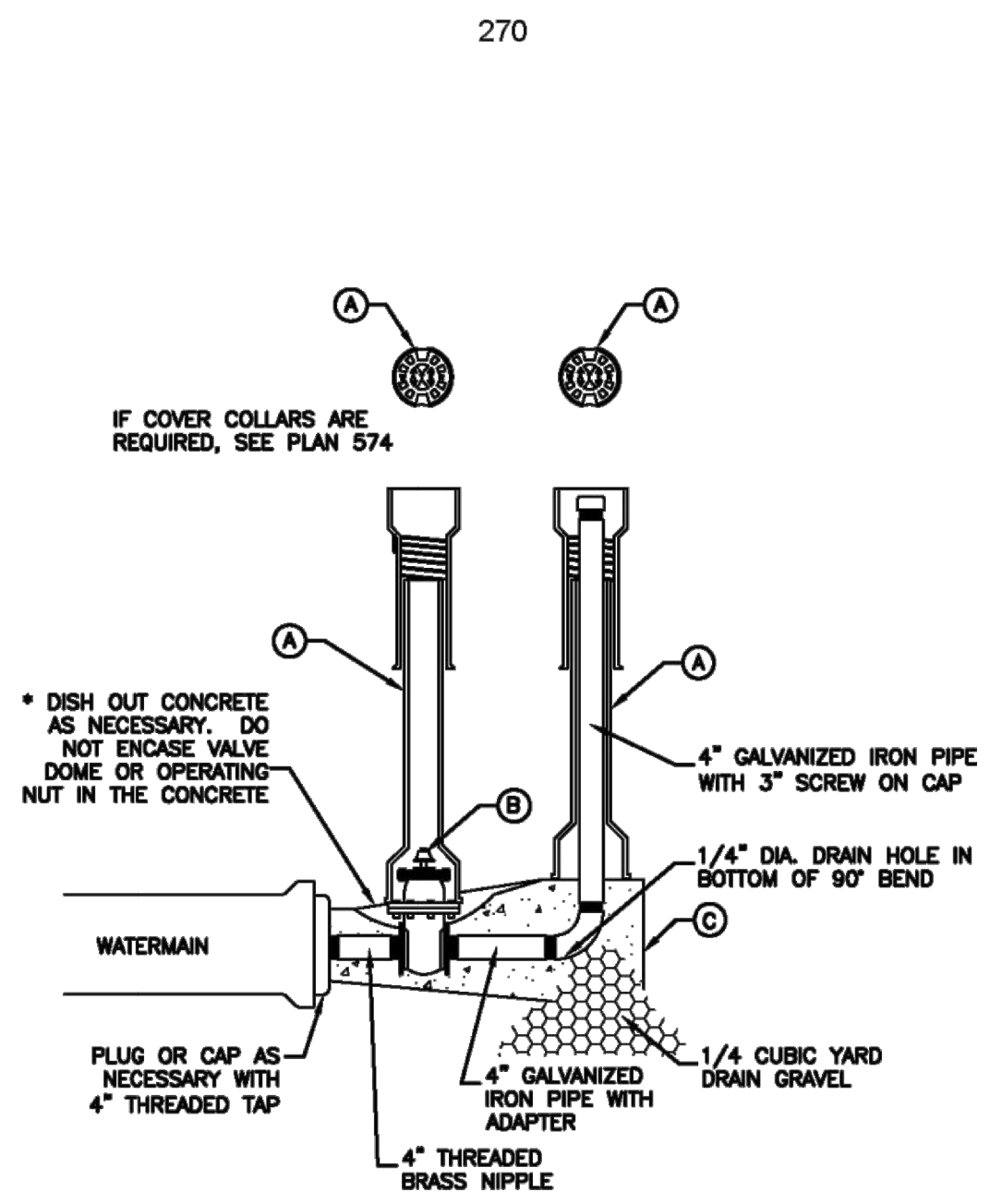
Pipe zone backfill

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

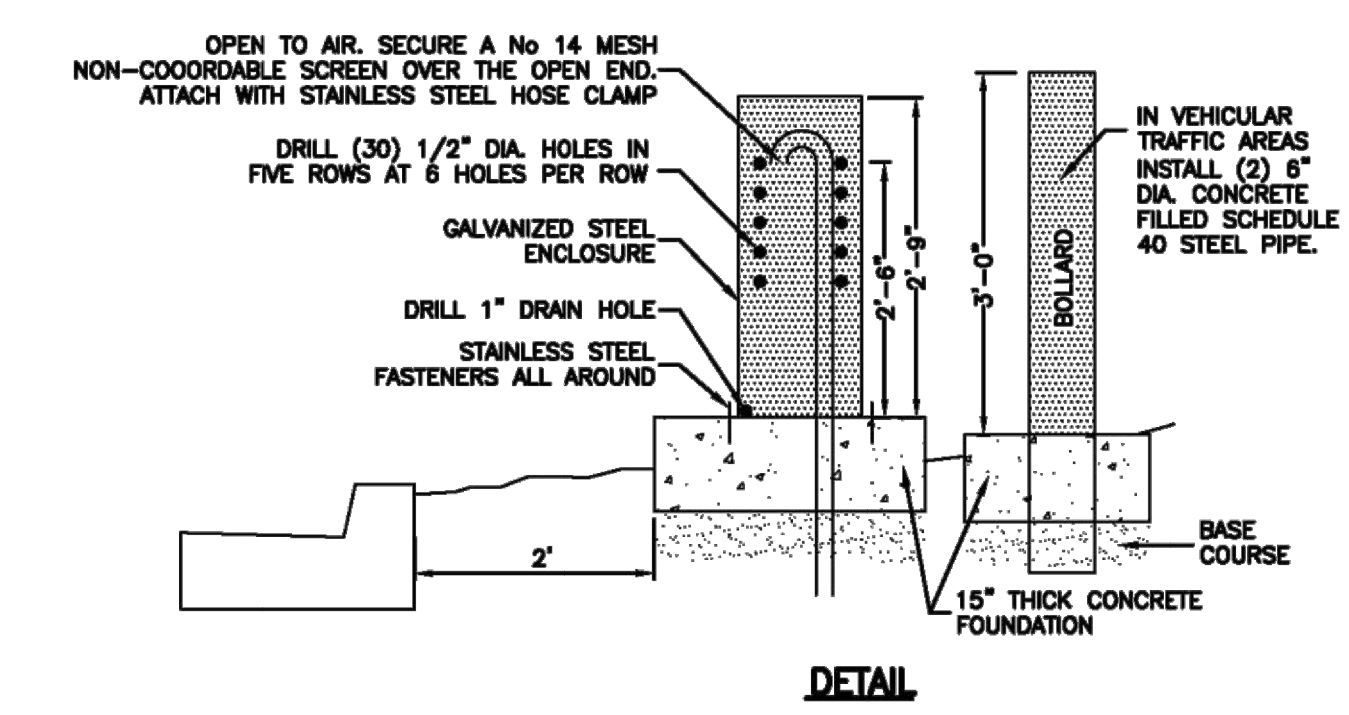
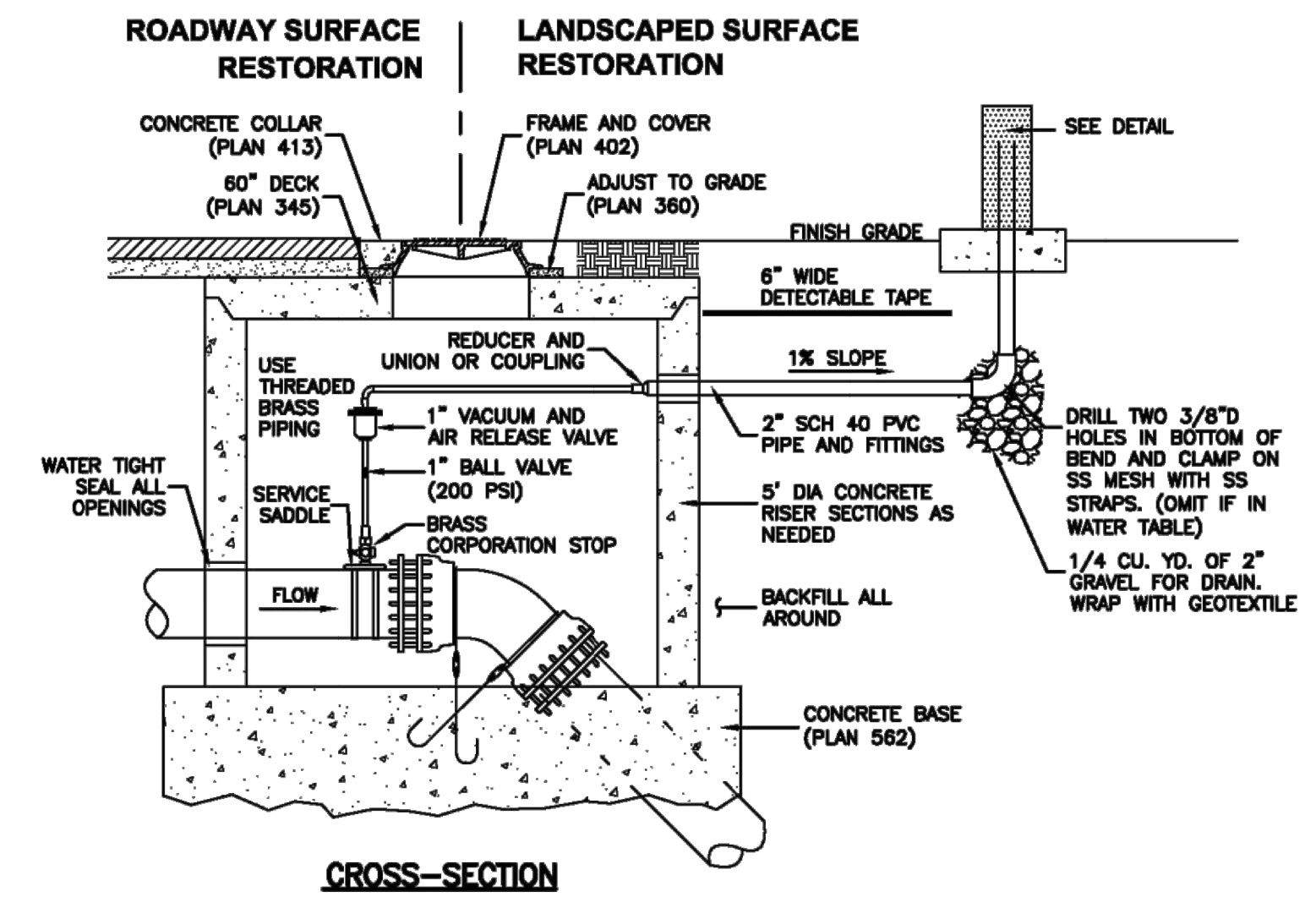
4" Washout valve

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.



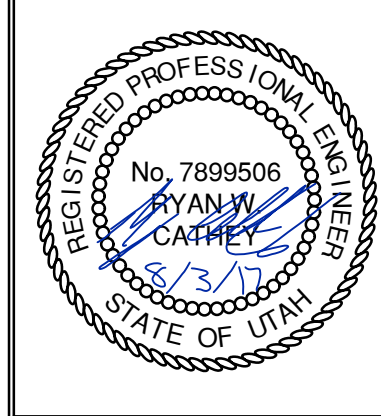
Air release assembly

February 2011

279

HORIZON NEIGHBORHOOD PRUD  
 DETAILS

**TALISMAN**  
 CIVIL CONSULTANTS



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

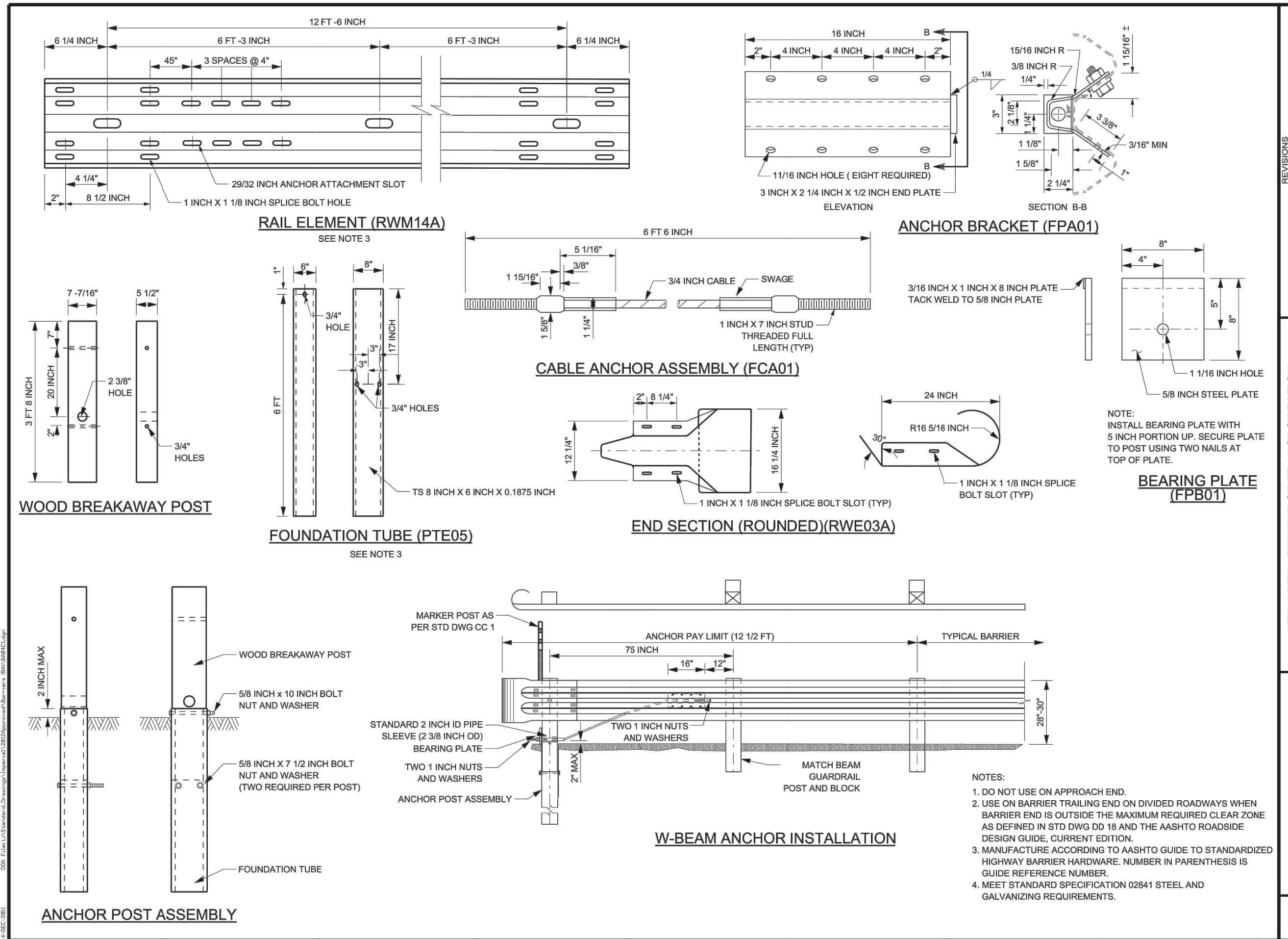
MURRAY, UT 84407

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: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.



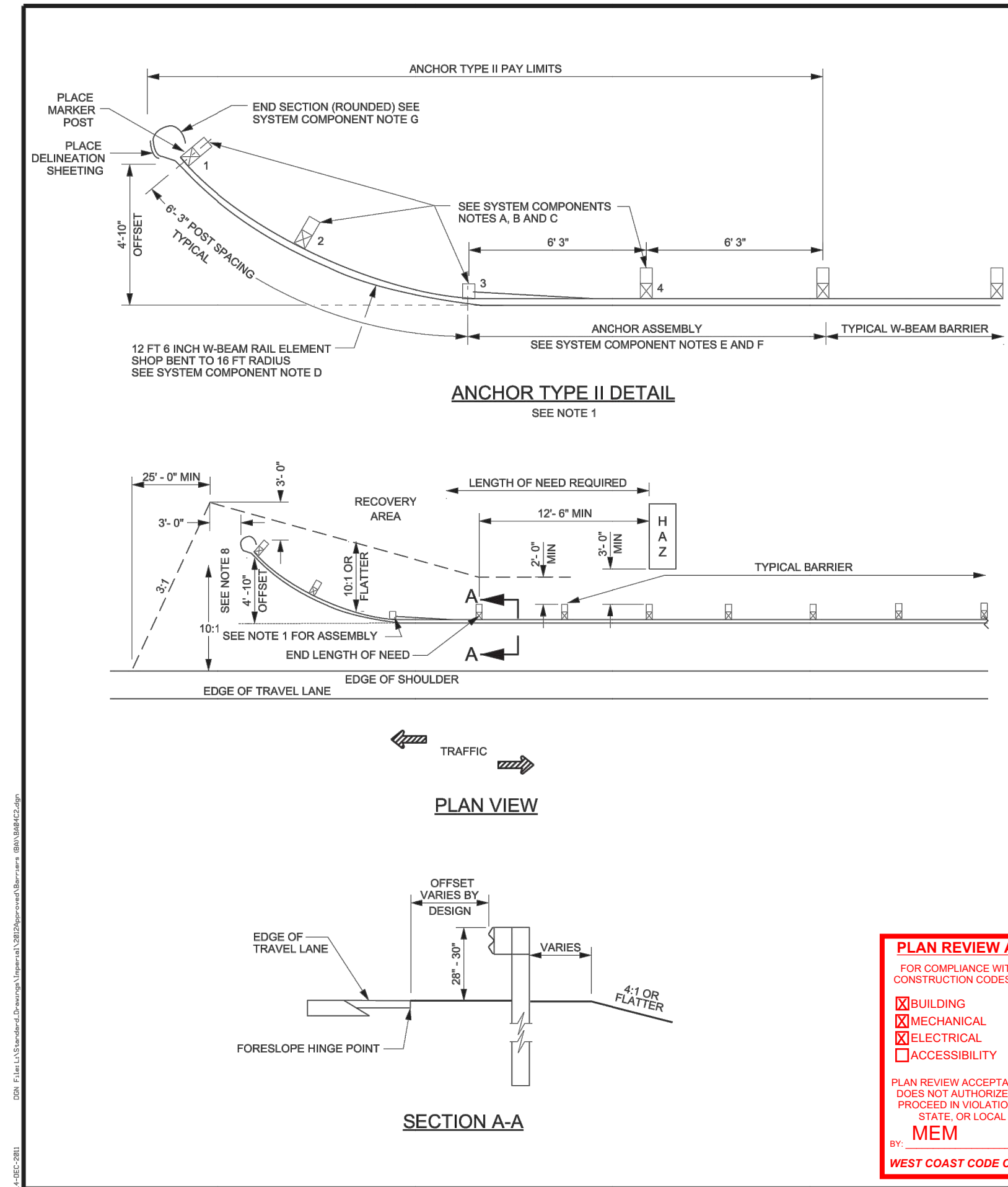




REVISIONS

UTAH DEPARTMENT OF TRANSPORTATION  
 STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION  
 SALT LAKE CITY, UTAH  
 RECOMMENDED FOR USE BY: [Signature]  
 APPROVED: [Signature]  
 CHAIRMAN: [Signature]  
 JANU 2012

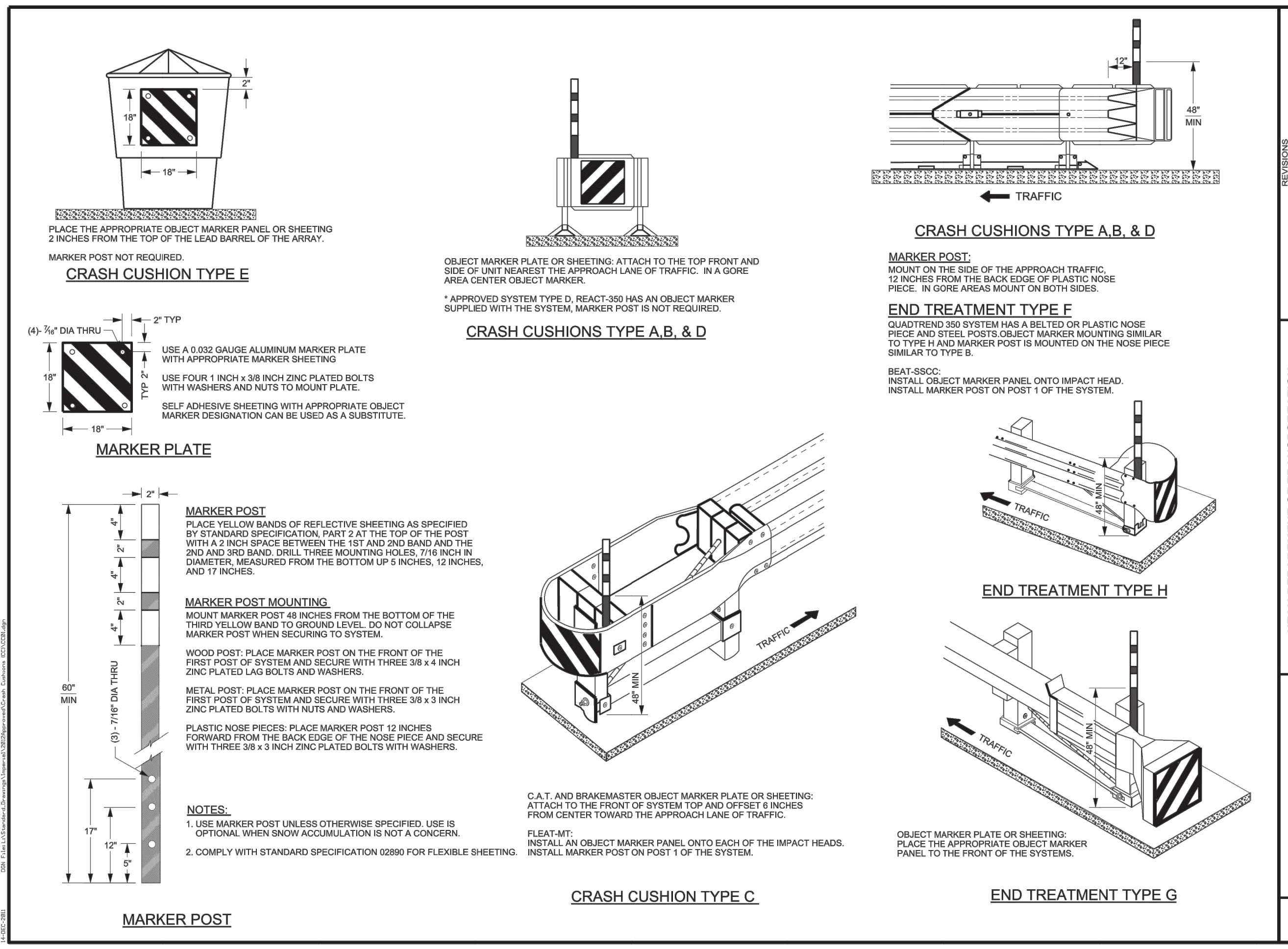
W-BEAM GUARDRAIL ANCHOR TYPE I  
 STD. DWG. NO. BA 4C1



SYSTEM COMPONENTS:  
 A. USE FOUNDATION TUBES, ACCORDING TO STD DWG BA 4C1, AT POSTS 1, 2, AND 3.  
 B. USE SHORTENED WOOD BREAKAWAY POST, ACCORDING TO STD DWG BA 4C1, AT POSTS 1, 2, AND 3.  
 C. DO NOT INSTALL BLOCK AT POST 3.  
 D. USE TYPICAL POST AND BLOCK AT POST 4.  
 E. USE 12 FT 6 INCH RAIL, SHOP BENT TO A 16 FT RADIUS BETWEEN POSTS 1 AND 3.  
 F. USE 12 FT 6 INCH ANCHOR RAIL ELEMENT, ACCORDING TO STD DWG BA 4C1, BETWEEN POSTS 3 AND END OF TYPICAL BARRIER RAIL.  
 G. USE ANCHOR BLOCK AND CABLE ASSEMBLY, ACCORDING TO STD DWG BA 4C1.  
 H. USE ROUNDED END SECTION ACCORDING TO STD DWG BA 4C1.

UTAH DEPARTMENT OF TRANSPORTATION  
 STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION  
 SALT LAKE CITY, UTAH  
 RECOMMENDED FOR USE BY: [Signature]  
 APPROVED: [Signature]  
 CHAIRMAN: [Signature]  
 JANU 2012

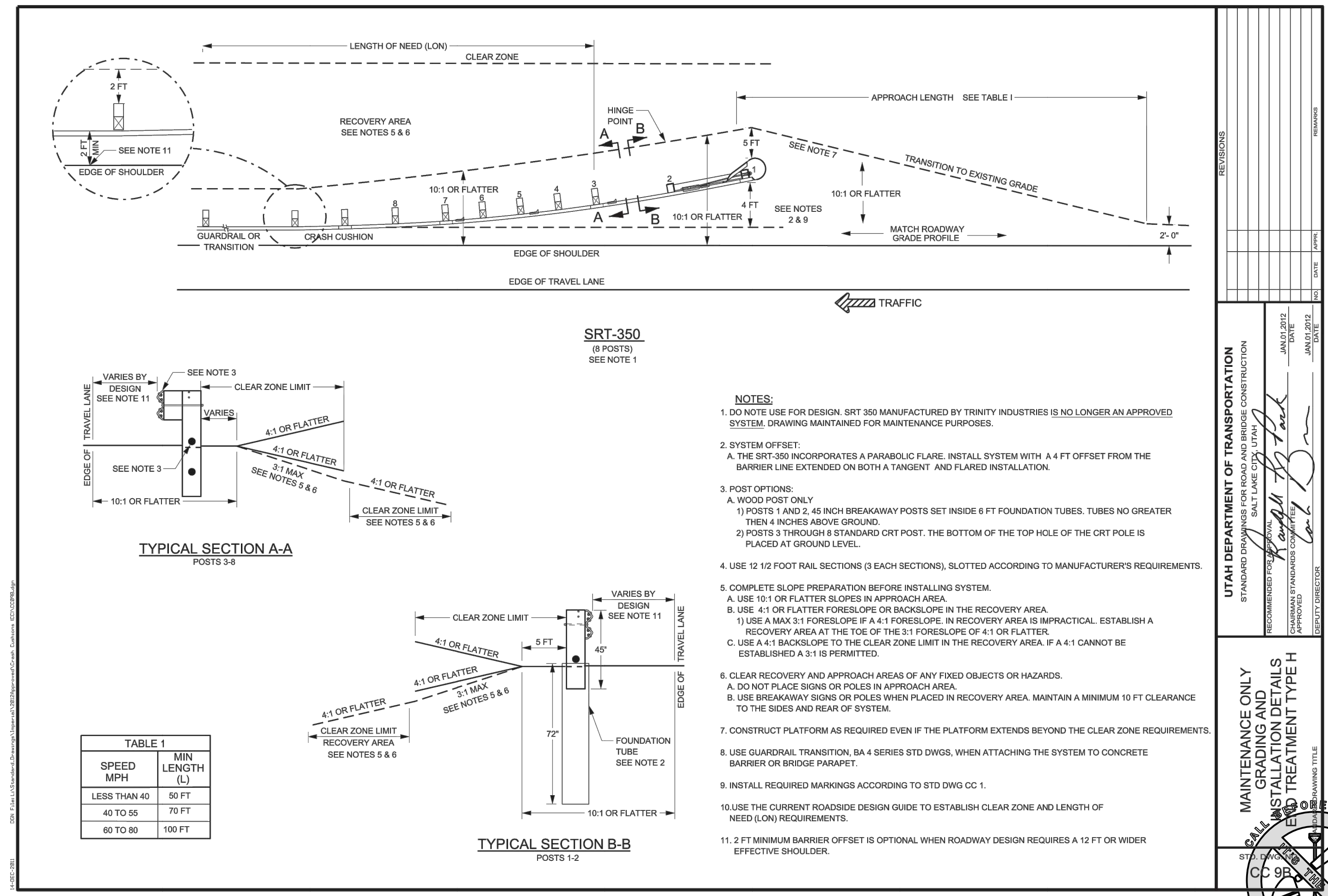
W-BEAM GUARDRAIL ANCHOR TYPE II  
 STD. DWG. NO. BA 4C2



REVISIONS

UTAH DEPARTMENT OF TRANSPORTATION  
 STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION  
 SALT LAKE CITY, UTAH  
 RECOMMENDED FOR USE BY: [Signature]  
 APPROVED: [Signature]  
 CHAIRMAN: [Signature]  
 JANU 2012

CRASH CUSHION AND END TREATMENT MARKINGS  
 STD. DWG. NO. CC 1

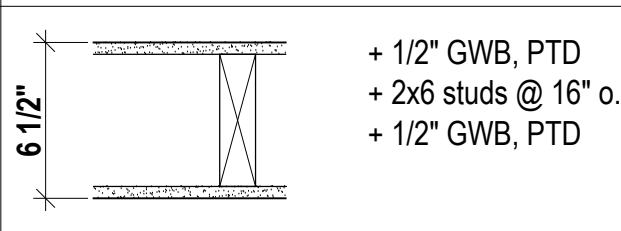
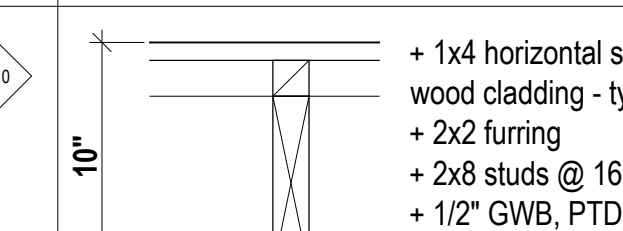
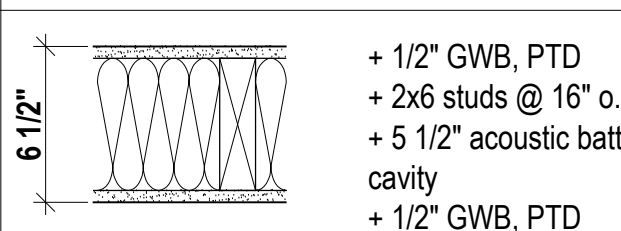
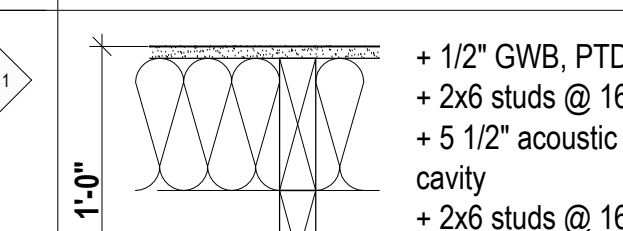
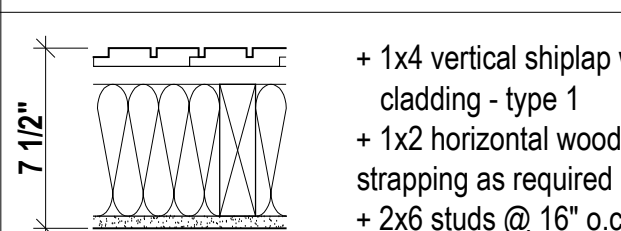
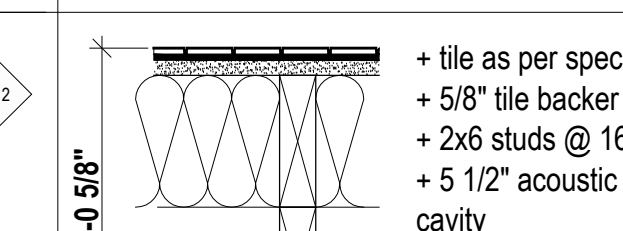
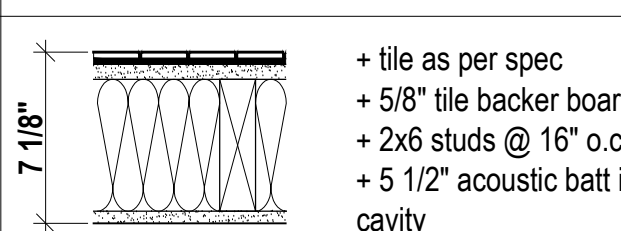
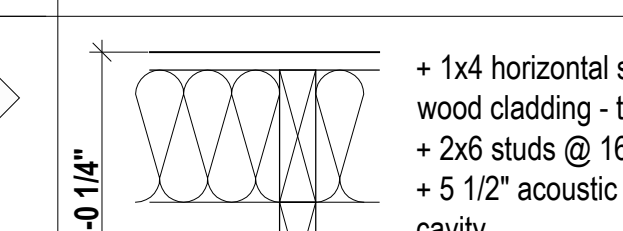
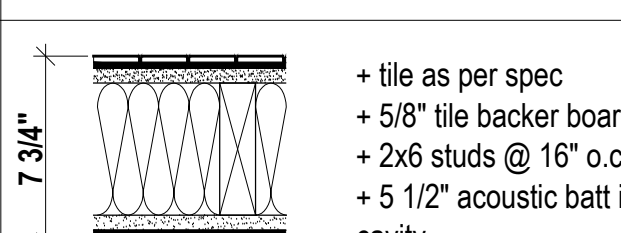
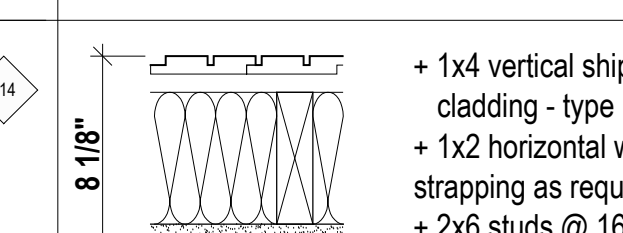
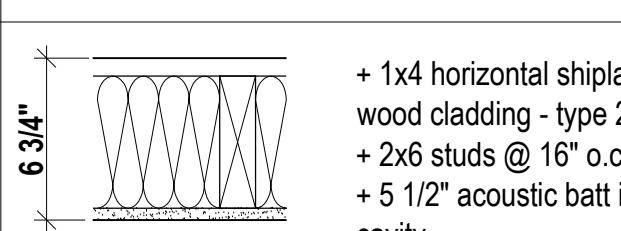
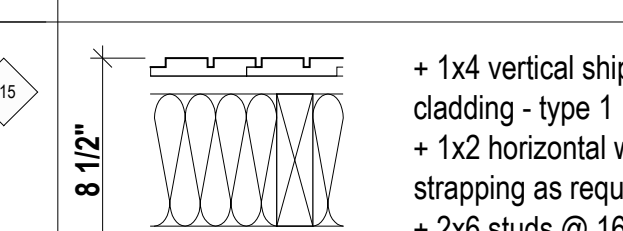
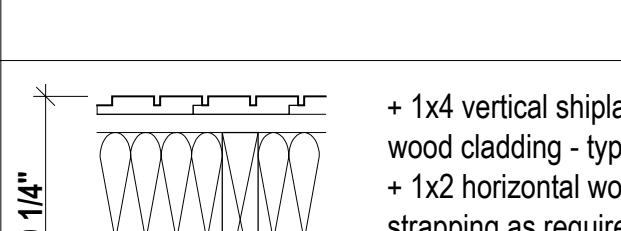
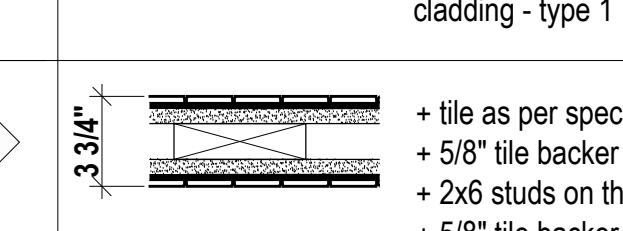
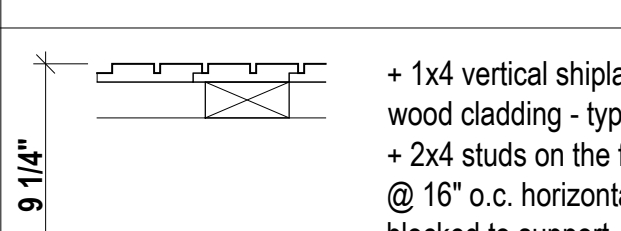
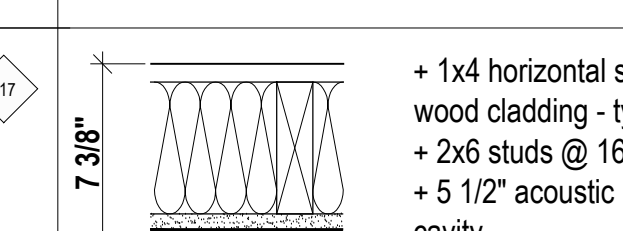
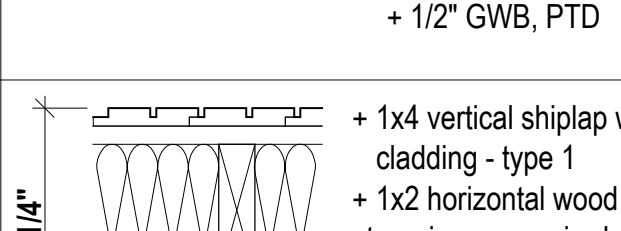
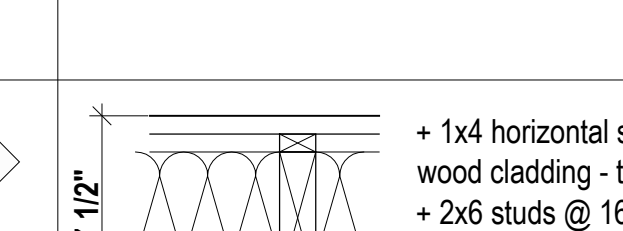


REVISIONS

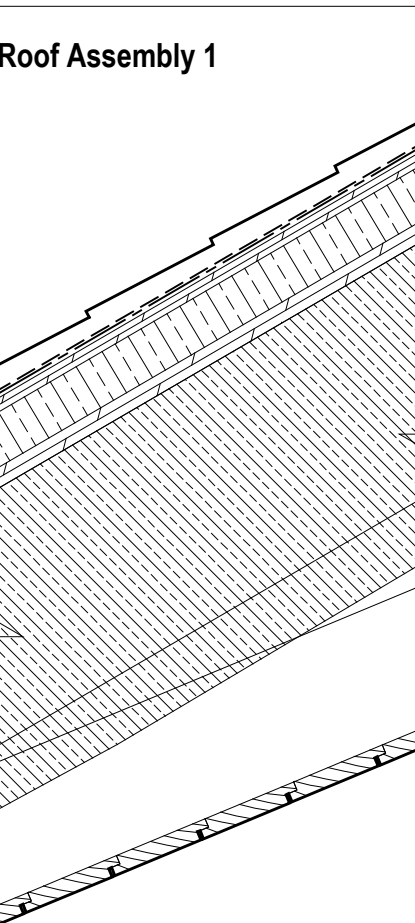
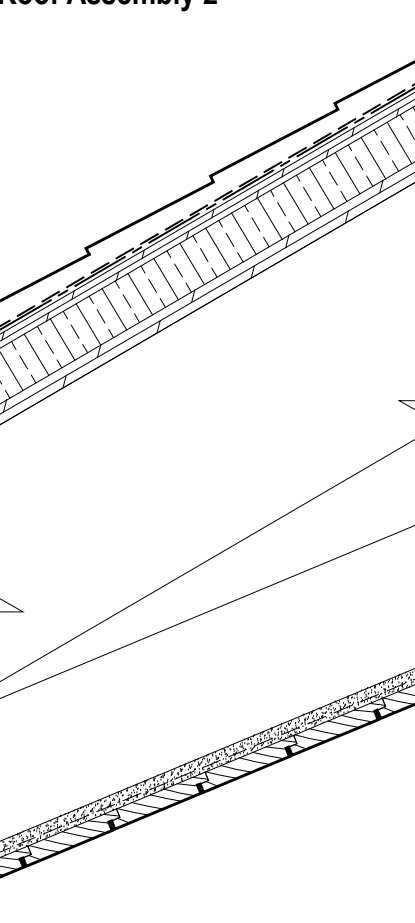
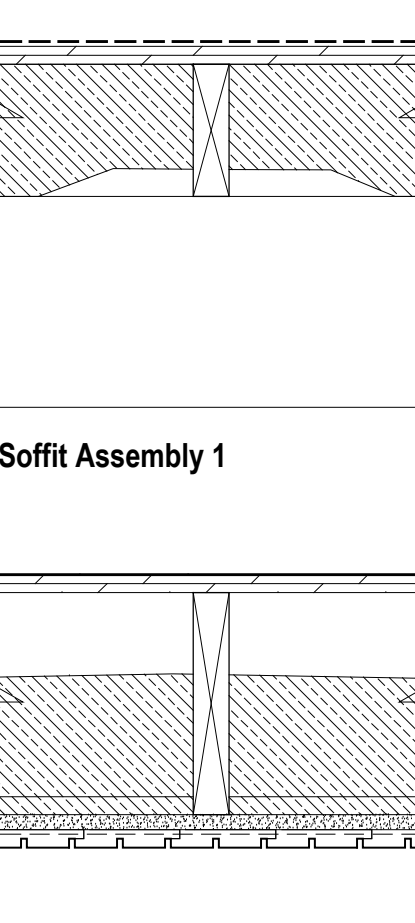
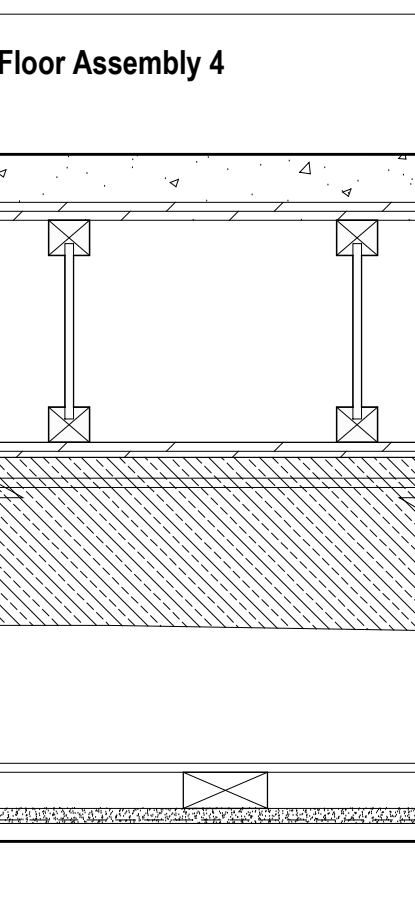

UTAH DEPARTMENT OF TRANSPORTATION  
 STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION  
 SALT LAKE CITY, UTAH  
 RECOMMENDED FOR USE BY: [Signature]  
 APPROVED: [Signature]  
 CHAIRMAN: [Signature]  
 JANU 2012

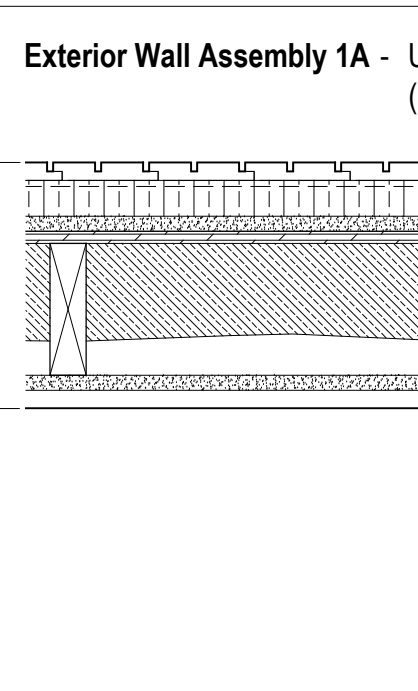
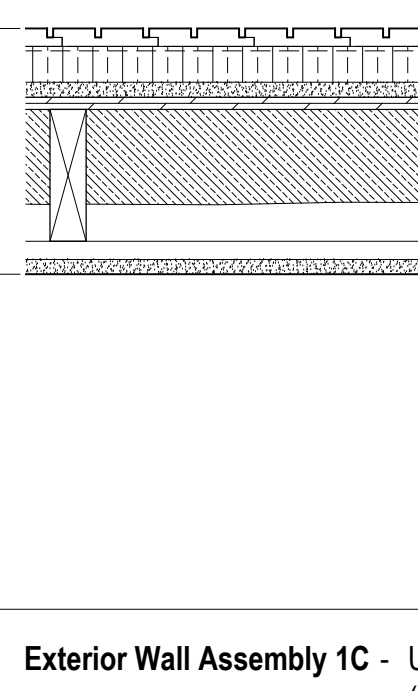
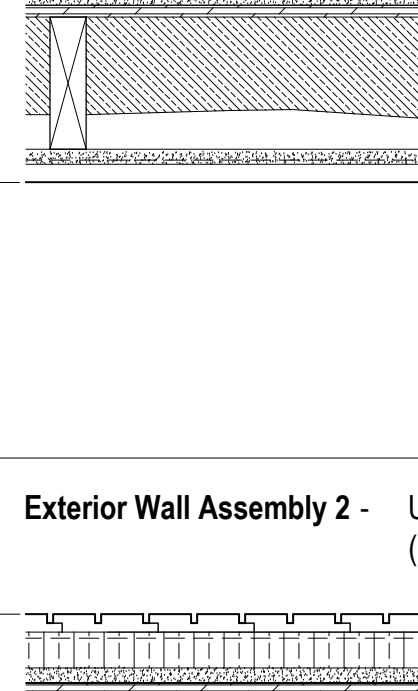
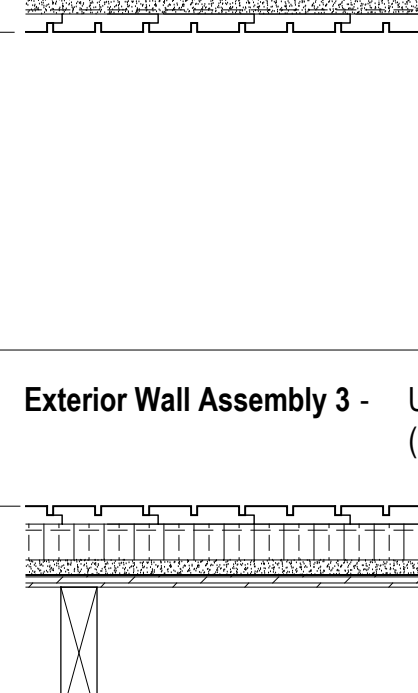
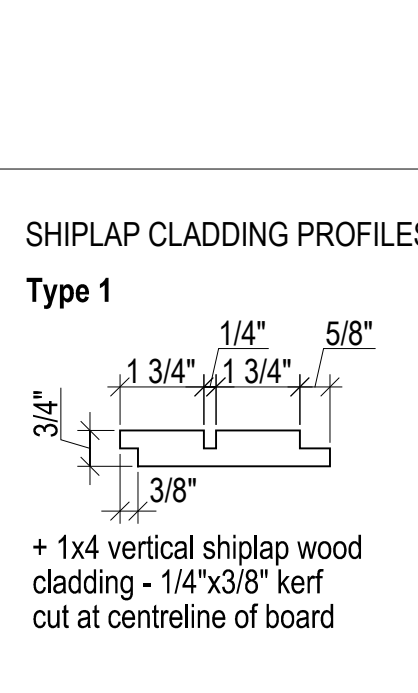


MAINTENANCE ONLY INSTALLATION DETAILS END TREATMENT TYPE H  
 STD. DWG. NO. CC 0B

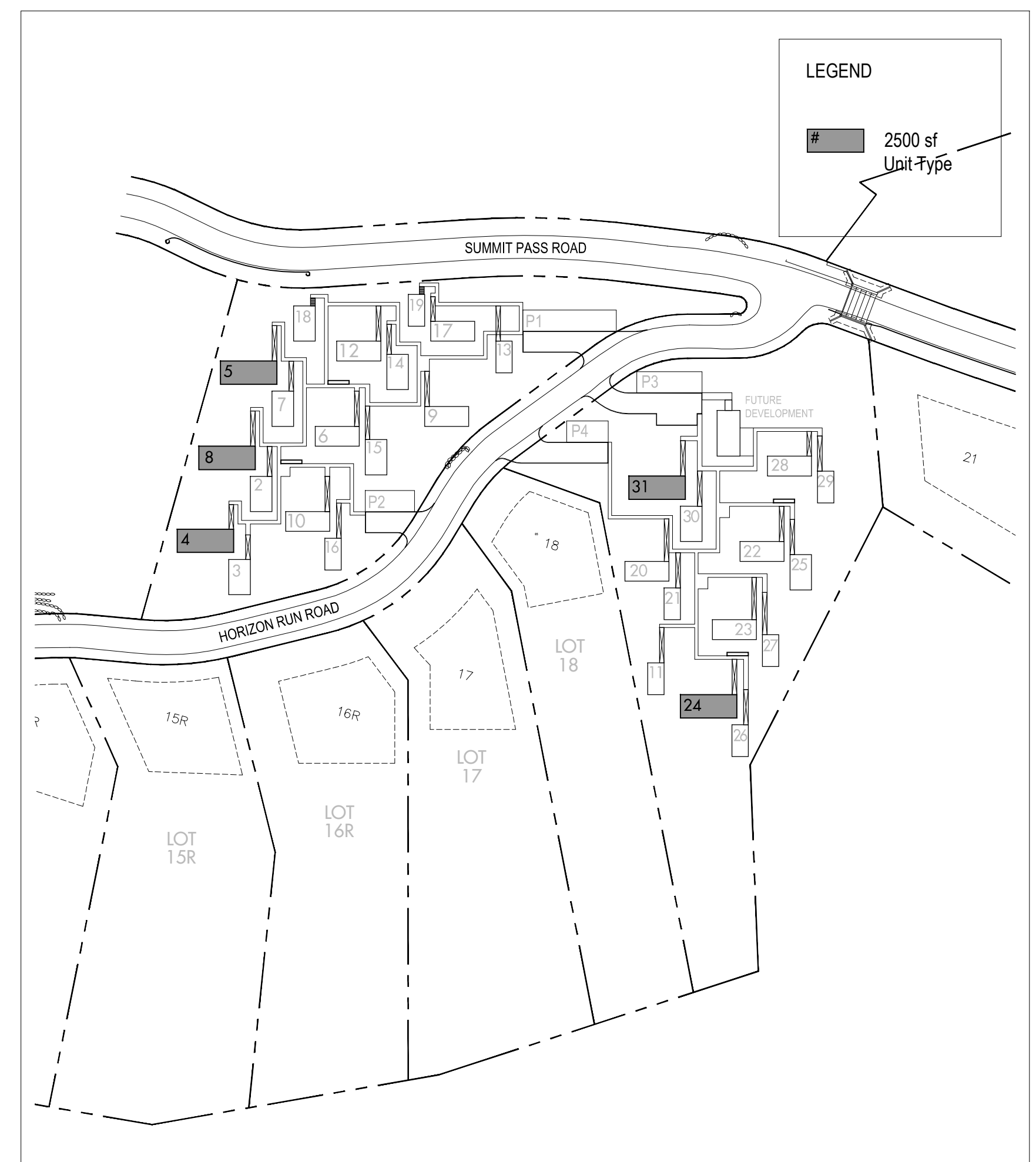


TYPE	INTERIOR WALL TYPE DESCRIPTION	TYPE	INTERIOR WALL TYPE DESCRIPTION
P1	 + 1/2" GWB, PTD + 2x6 studs @ 16" o.c. + 1/2" GWB, PTD	P10	 + 1x4 horizontal shiplap wood cladding - type 2 + 2x2 furring + 2x8 studs @ 16" o.c. + 1/2" GWB, PTD
P2	 + 1/2" GWB, PTD + 2x6 studs @ 16" o.c. + 5 1/2" acoustic batt 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 + 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 + 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 + 1x2 horizontal wood strapping as required + 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 A001 Partition Type Legend  
Scale 1 1/2" = 1'-0"

EXTERIOR ROOF AND SOFFIT TYPE DESCRIPTION
<b>Roof Assembly 1</b>  <b>System Components:</b> + "Class B" fire retardant pressure treated cedar shingles + "Class A" mineral-surfaced cap sheet + self-adhering sheet roof membrane underlayment + 1/2" exterior grade plywood + 2 continuous XPS rigid insulation (R10) + 3/4" 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
<b>Roof Assembly 2</b>  <b>System Components:</b> + "Class B" fire retardant pressure treated cedar shingles + "Class A" mineral-surfaced cap sheet + self-adhering sheet roof membrane underlayment + 1/2" exterior grade plywood + 2 continuous XPS rigid insulation (R10) + 3/4" 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
<b>Roof Assembly 3</b>  <b>System Components:</b> + "Class A" EPDM low slope roof membrane + 3/4" sheathing - slope to drain, minimum 2% + wood floor joists as per structural + 6" 2lb. sprayfoam insulation (R30 - air barrier / vapor retarder Class 2)
<b>Soffit Assembly 1</b>  <b>System Components:</b> + 3/4" sheathing + 6" 2lb. sprayfoam insulation (R30 - air barrier / vapor retarder Class 2) + wood floor joists as per structural + 5/8" type X gypsum sheathing + vapor permeable weather barrier + 1x4 wood shiplap cladding - type 1 - see A001 for profile
<b>Floor Assembly 4</b>  <b>System Components:</b> + 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 furring 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 TYPE DESCRIPTION
<b>Exterior Wall Assembly 1A - UL DESIGN #305 (1 HR Fire Resistance Rating)</b>  <b>System Components:</b> + 1x4 vertical shiplap wood cladding - type 1 - see below + rainscreen grid + vapor permeable weather barrier + 1 1/2" continuous XPS rigid insulation (R7.5) + 5/8" type X gypsum sheathing + 1/2" 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 room finish schedule for interior finish
<b>Exterior Wall Assembly 1B - UL DESIGN #305 (1 HR Fire Resistance Rating)</b>  <b>System Components:</b> + 1x4 vertical shiplap wood cladding - type 1 - see below + rainscreen grid + vapor permeable weather barrier + 1 1/2" continuous XPS rigid insulation (R7.5) + 5/8" type X gypsum sheathing + 1/2" 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 room finish schedule for interior finish
<b>Exterior Wall Assembly 1C - UL DESIGN #305 (1 HR Fire Resistance Rating)</b>  <b>System Components:</b> + 1x4 horizontal shiplap wood cladding - type 1 - see below + rainscreen grid + vapor permeable weather barrier + 1 1/2" continuous XPS rigid insulation (R7.5) + 5/8" type X gypsum sheathing + 1/2" 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 below
<b>Exterior Wall Assembly 2 - UL DESIGN #305 (1 HR Fire Resistance Rating)</b>  <b>System Components:</b> + 1x4 vertical shiplap wood cladding - type 1 - see below + rainscreen grid + vapor permeable weather barrier + 1 1/2" continuous XPS rigid insulation (R7.5) + 5/8" type X gypsum sheathing + 1/2" plywood sheathing as per structural + 2x6 wood studs as per structural + wood blocking between studs to support vertical cladding + 5/8" type X gypsum sheathing + vapor permeable weather barrier + 1x4 vertical wood shiplap cladding - type 1 - see below
<b>Exterior Wall Assembly 3 - UL DESIGN #305 (1 HR Fire Resistance Rating)</b>  <b>System Components:</b> + 1x4 vertical shiplap wood cladding - type 1 - see below + rainscreen grid + vapor permeable weather barrier + 1 1/2" continuous XPS rigid insulation (R7.5) + 5/8" type X gypsum sheathing + 1/2" plywood sheathing as per structural + 2x6 wood studs as per structural + 5/8" type X gypsum sheathing + vapor permeable weather barrier + 1x4 horizontal wood shiplap cladding - type 2 - see below
<b>SHIPLAP CLADDING PROFILES</b> <b>Type 1</b>  + 1x4 vertical shiplap wood cladding - 1/4"x3/8" kerf cut at centreline of board <b>Type 2</b>  + 1x4 horizontal shiplap wood cladding



2 A001 Key Plan  
Scale 1/128" = 1'-0"

AD	AREA DRAIN	MAX	MAXIMUM
ADJ	ADJACENT	MO	MASONRY OPENING
AFF	ABOVE FINISHED FLOOR	MECH	MECHANICAL
ALUM	ALUMINUM	MEMBR	MEMBRANE
ANOD	ANODIZED	MIN	MINIMUM
BSMT	BASEMENT	MRGWB	MOISTURE-RESISTANT GYPSUM WALL BOARD
BYOND	BEYOND	MTL	METAL
BOT	BOTTOM	NIC	NOT IN CONTRACT
B/W	BETWEEN	NOM	NOMINAL
CHNL	CHANNEL	OC	ON CENTER
CJ	CONTROL JOINT	OH	OPPOSITE HAND
CLG	CEILING	OZ	OUNCE
CLR	CLEAR	PCC	PRE-CAST CONCRETE
CMU	CONCRETE MASONRY UNIT	PLYD	PLYWOOD
COF	CENTERLINE OF WOOD FRAMING	PT	PRESSURE TREATED
COL	COLUMN	PTD	PAINTED
CONC	CONCRETE	PVC	POLYVINYL CHLORIDE
CONT	CONTINUOUS	RCP	REFLECTED CEILING PLAN
CPT	CARPET	RD	ROOF DRAIN
CT	CERAMIC TILE	REQD	REQUIRED
DBL	DOUBLE	REV	REVERSE
DIA	DIAMETER	RM	ROOM
DIMS	DIMENSIONS	SIM	SIMILAR
DN	DOWN	SPEC	SPECIFIED OR SPECIFICATION
DR	DOOR	SPK	SPRINKLER
DWG	DRAWING	ST STL	STAINLESS STEEL
EA	EACH	STC	SOUND TRANSMISSION COEFFICIENT
EL	ELEVATION	STL	STEEL
ELEC	ELECTRICAL	STRUCT	STRUCTURAL
ELEV	ELEVATOR / ELEVATION	TELE	TELEPHONE
EQ	EQUAL	TLT	TOILET
FOF	FACE OF WOOD FRAMING	TOF	TOP OF
FDN	FOUNDATION	TOC	TOP OF CONCRETE
GA	GAUGE	TOS	TOP OF STEEL
GALV	GALVANIZED	TP	TOILET PAPER DISPENSER
GWB	GYPSUM WALL BOARD	T/D	TELEPHONE/DATA
HC	HOLLOW CORE	TYP	TYPICAL
HI	HIGH	UNON	UNLESS OTHERWISE NOTED
HM	HOLLOW METAL	U/S	UNDERSIDE
HP	HIGH POINT	VIF	VERIFY IN FIELD
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING	VP	VISION PANEL
ILO	IN LIEU OF	VYP	TYPICAL
INSUL	INSULATED	VIF	VERIFY IN FIELD
INT	INTERIOR	W/	WITH
LO	LOW	WD	WOOD

NOTES:  
 1. See A102 for Room Finish Schedule.  
 2. 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.  
 3. 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 A001 Abbreviations

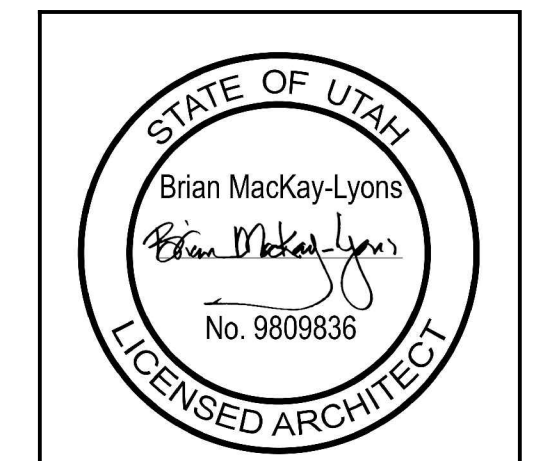
Horizon Neighborhood Cabins

Summit Powder 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



**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: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

No.	Description	Date
05	Issued for Const. Rev. 2	14.08.2017
04	Issued for Const. Rev. 1	14.07.2017
03	Issued for Construction	01.02.2017
02	Re-issued for FDN Permit	16.11.2016
01	Issued for FDN Permit	14.10.2016

**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 International Residential Code.

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

Cabin 2500

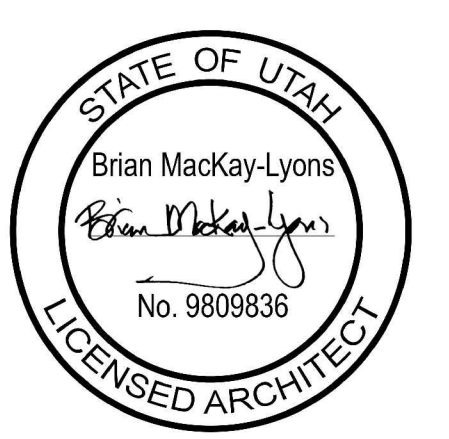
Abbreviations, Key Plan & Partition Types

scale: varies  
 date: 16-07-18  
 drawn: MJ/JL  
 chkd: BML

A001



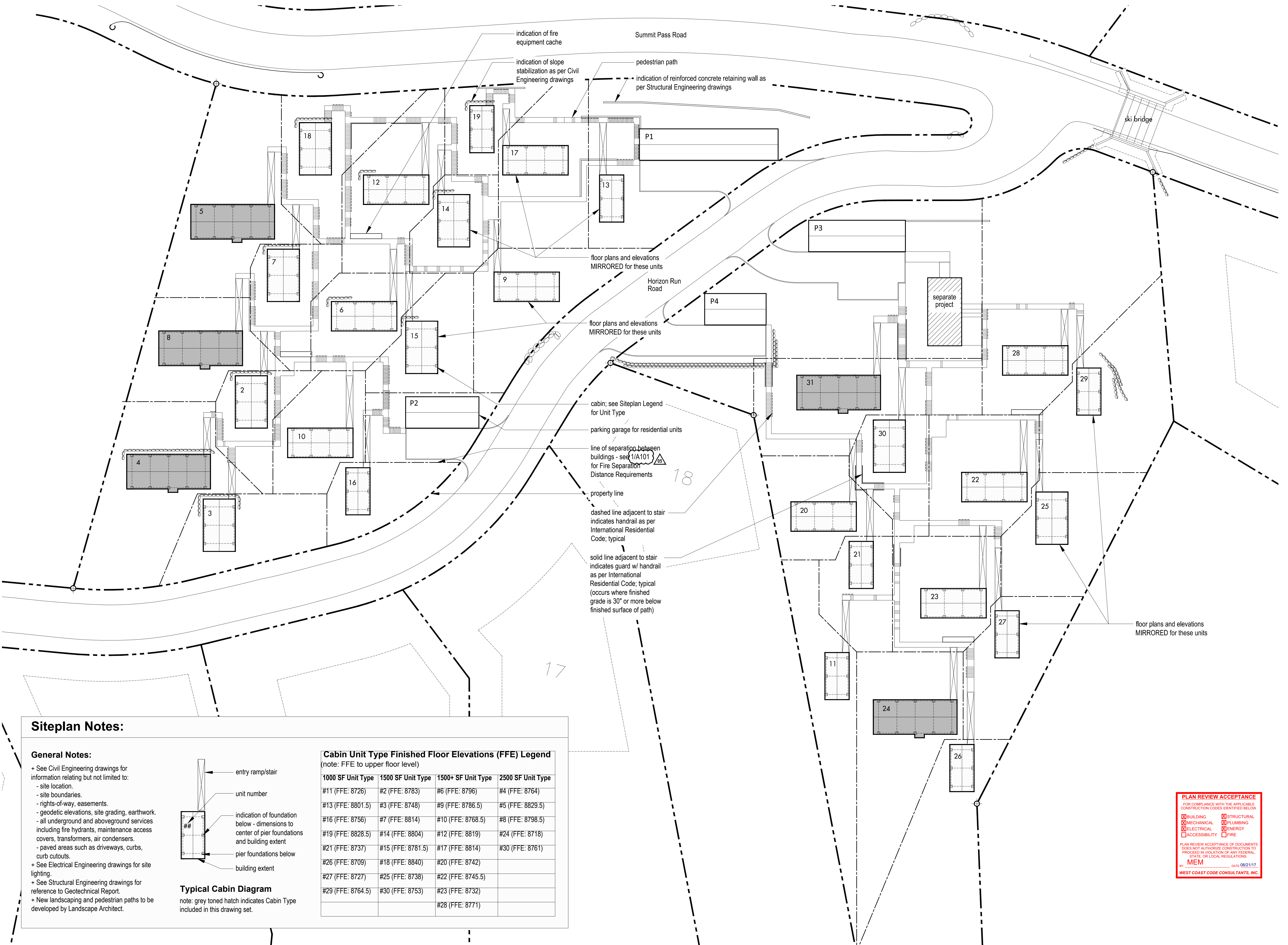
Mackay-Lyons Sweetapple Architects Limited  
 2188 Göttingen St. Halifax, Nova Scotia Canada B3K 3B4  
 ph: (902) 429-1867 fax: (902) 429-6276



No.	Description	Date
05	Issued for Const. Rev. 2	14.08.2017
04	Issued for Const. Rev. 1	14.07.2017
03	Issued for Construction	01.02.2017
02	Re-issued for FDN Permit	16.11.2017
01	Issued for FDN Permit	14.10.2017

**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 International Residential Code.  
**SHOP DRAWINGS:**  
 Submit shop drawings to the Architect and Engineer for approval prior to manufacture of pre-fabricated elements of the building.

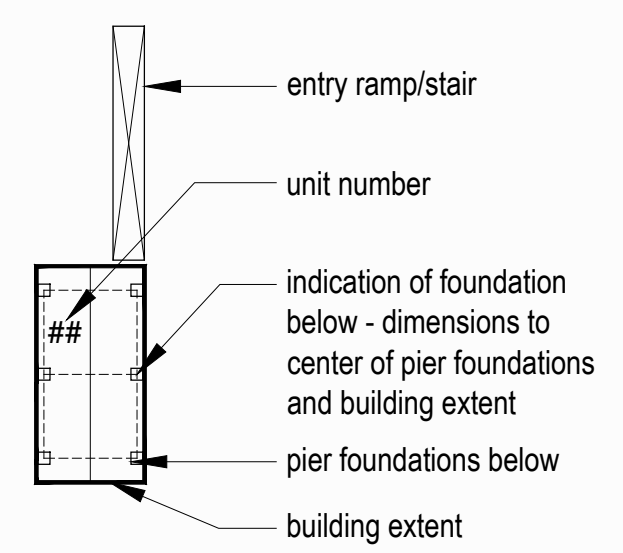
**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:  
 BUILDING     STRUCTURAL  
 MECHANICAL     PLUMBING  
 ELECTRICAL     ENERGY  
 ACCESSIBILITY     FIRE  
 PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE OR LOCAL REGULATIONS.  
 MEM DATE: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.



**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)	



**Project: POWDER MOUNTAIN CABIN 2500 CODE ANALYSIS**

Project No.	x	User Input
Date:	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:**

2015	IBC	International Building Code with Appendix F
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**

Table 508.4 Separation of Occupancies

Occupancy Proposed	Stories	Occupancy	HRS * / F.S.
Residence	R3	R3	0 / 0

\* Check Footnotes that May Apply c. Section 406.3.4

**Chapter 4 - Special Requirements**

- 406 Motor Related Occupancies
- N/A 420.2 Separation between R3 occupancies with 1 hour fire partition as per 708
- N/A 420.3 Horizontal Separation- Separation between units shall be 1 hour.

**Chapter 6 - Construction Type**

Table 601

Occupancy	Type	Fire-Rating per Occupancy*	R3
R3	V-B	Type:	V-B
		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

\* Check footnotes that might apply

Table 602: Fire Resistance for Exterior wall/Fire Separation Distance

Fire Separ.	Const. Type	R3
x<5	All	1
5<x<10	IA, Others	1
10<x<30	IA, VA	1*
x≥30	All	0

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

IBC 2015: Table 504.3, 504.4, 506.2

Mark which Strategy Taken:	Occ	Height (ft)	Story	Area (sf)	A <sub>0</sub> (sf)	A <sub>0</sub> (sf)
Accessory Occ:	R3	50	4*	UNLIMITED		3,410
Incidental Acc. Occ:						
Single Occ:						
Mixed Occ:						
Nonseparated Uses:						
Separated Uses:						

\* 4 STORIES ALLOWED WITH FIRE SPRINKLERS PER NFPA 13 OR 13R - 60ft. Maximum

**R3 OCCUPANCY - 504.1 Area Calculation**

A <sub>a</sub>	=	A <sub>1</sub>	+	A <sub>2</sub>	+	A <sub>3</sub>	+	A <sub>4</sub>	+	A <sub>5</sub>
A <sub>1</sub>	=	UNLIMITED		Table 503: Type V-B, Group R3 NFPA 13R						
A <sub>2</sub>	=	UNLIMITED		Sec. 506.2 See calculation below						
A <sub>3</sub>	=	UNLIMITED		Sec. 506.3 Fully Sprinkled: 200% for Multi-Story Building / 300% for Single Story						
A <sub>4</sub>	=	UNLIMITED	+	0	+	0.0000	+	0	+	0
A <sub>5</sub>	=	UNLIMITED	+	0	+	0	+	0	+	0
A <sub>a</sub>	=	UNLIMITED	sf	ALLOWABLE AREA PER FLOOR						
x	=	UNLIMITED	sf	Multiply by number of stories - 504.4 (Max. 300% increase)						
	=	UNLIMITED	sf	ALLOWABLE AREA OF BUILDING						
ACTUAL AREA < ALLOWABLE AREA PER FLOOR		1,705		UNLIMITED						OK, ALLOWABLE EXCEEDS ACTUAL
ACTUAL AREA < ALLOWABLE AREA PER BUILDING		3,410		UNLIMITED						OK, ALLOWABLE EXCEEDS ACTUAL

**(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.
  - 705.2.2 Type V-B of any approved material
  - 705.2.3 Combustible projections either: 1-hr rated construction, type V-B construction.

No 705.5 Fire-resistance ratings: > 10 ft. exterior wall rated for exposure from inside only  
 ≤ 10 ft. exterior wall rated for exposure from both sides

No 712 Vertical Openings: 712.1.2 Two-story openings: Allowed within individual dwelling unit

Yes 718 Concealed Spaces: 718.4 Draftstopping in Attics - Required

**Chapter 8 - Finishes**

Table 803.9 Interior Wall and Ceiling Finish Requirements by Occupancy: sprinklered

Group	Exiting Elements	Corridors	Spaces
R3	B	C	C
R3	C	C	C
R3	C	C	C

**Chapter 9 - Fire Protection Systems**

903.2 Automatic Sprinkler Systems Where Required:

R3 Required.

Yes 903.2.1.1.1 Stories without openings: Provide a FS throughout all stories when floor area > 1,500 sf or where openings are not provided as per Item 1 & 2.

Yes 903.2.1.1.1.3 Basements: Provide FS when openings are > 75' from openings as per 903.2.1.1.1

N/A 903.3.1 FS Standards: Install FS as per 903.3.1.1, 903.3.1.2 or 903.3.1.3:

YES 903.3.1.2 NFPA 13R sprinkler systems: Group R when ≤ 4 stories in height.  
 906.1 Portable Fire Extinguishers where required:

R3 Required per Dwelling Unit- 1-A10-B-C  
 Rated: 2-A  
 Max fir area/unit of A: 1,500 sf  
 Max fir area/extinguisher: 11,250 sf  
 Max travel distance: 75 ft.

907.2 Fire Alarm and Detection Systems- Where required: Installed as per IBC and NFPA 72

**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  
 1007.1 Need (1) accessible means of egress/space or (2) per when two exits required.

Yes 1007.3 Stairways: Need clear width of 48" between handrails and incorporate 'area of refugees'. Exception #2 & #3: 48" and 'Area of Refugees' not required when NFPA 13 installed.

Table 1017.2 - Exit access travel distance

R3 = 200' (NFPA 13R)  
 R3 = 400' (NFPA 13)  
 1016.1 - Unenclosed Stairs: exception #3- travel distance shall be measured from the most remote point in the building to an exit discharge.

No 1103 Scope: 1103.2.3 Detached One and Two Family dwellings are exempt from Chapter 11

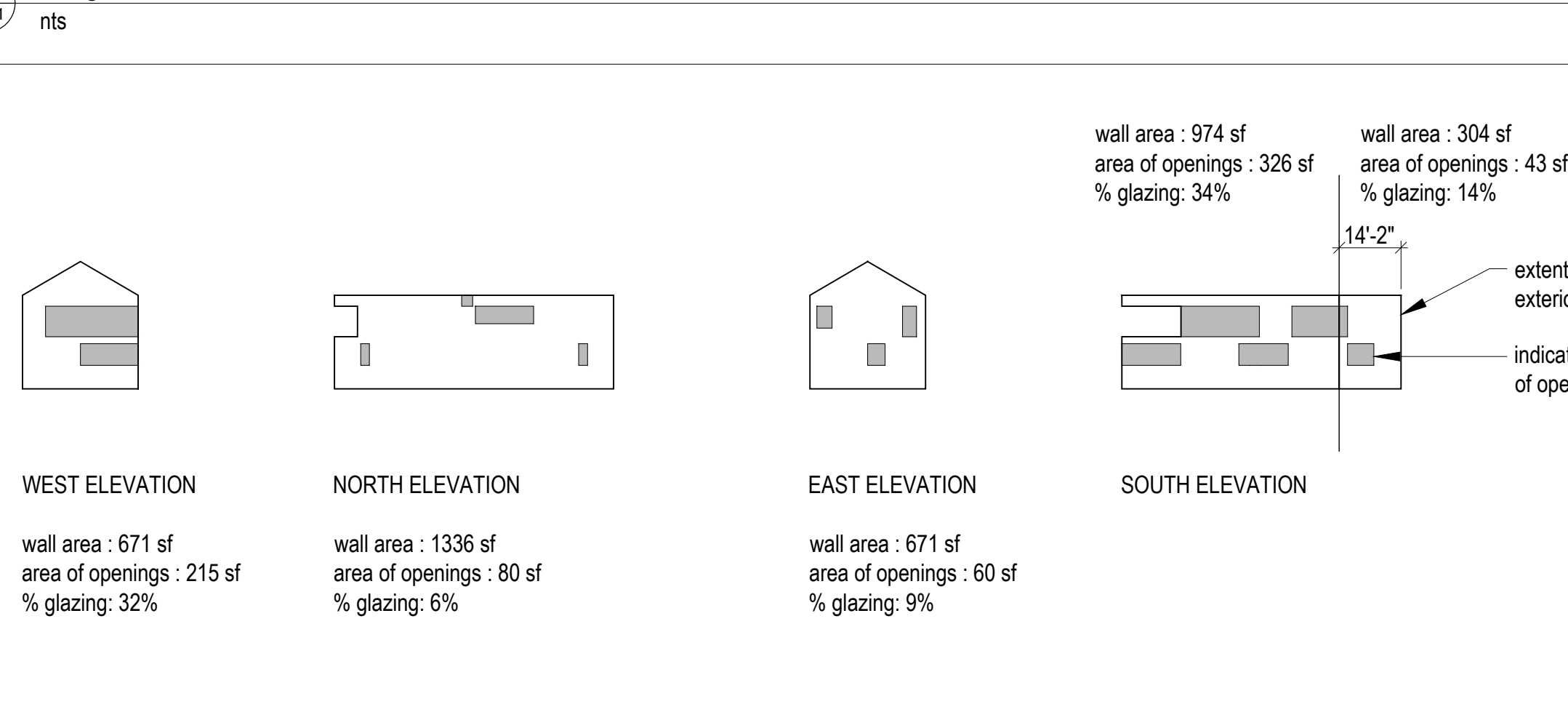
No 1107.7 General Exceptions  
 1107.2.2 Multi-story units without elevator service are not required to have Type B, and are exempt.

**(Chp 12) Interior Environment**

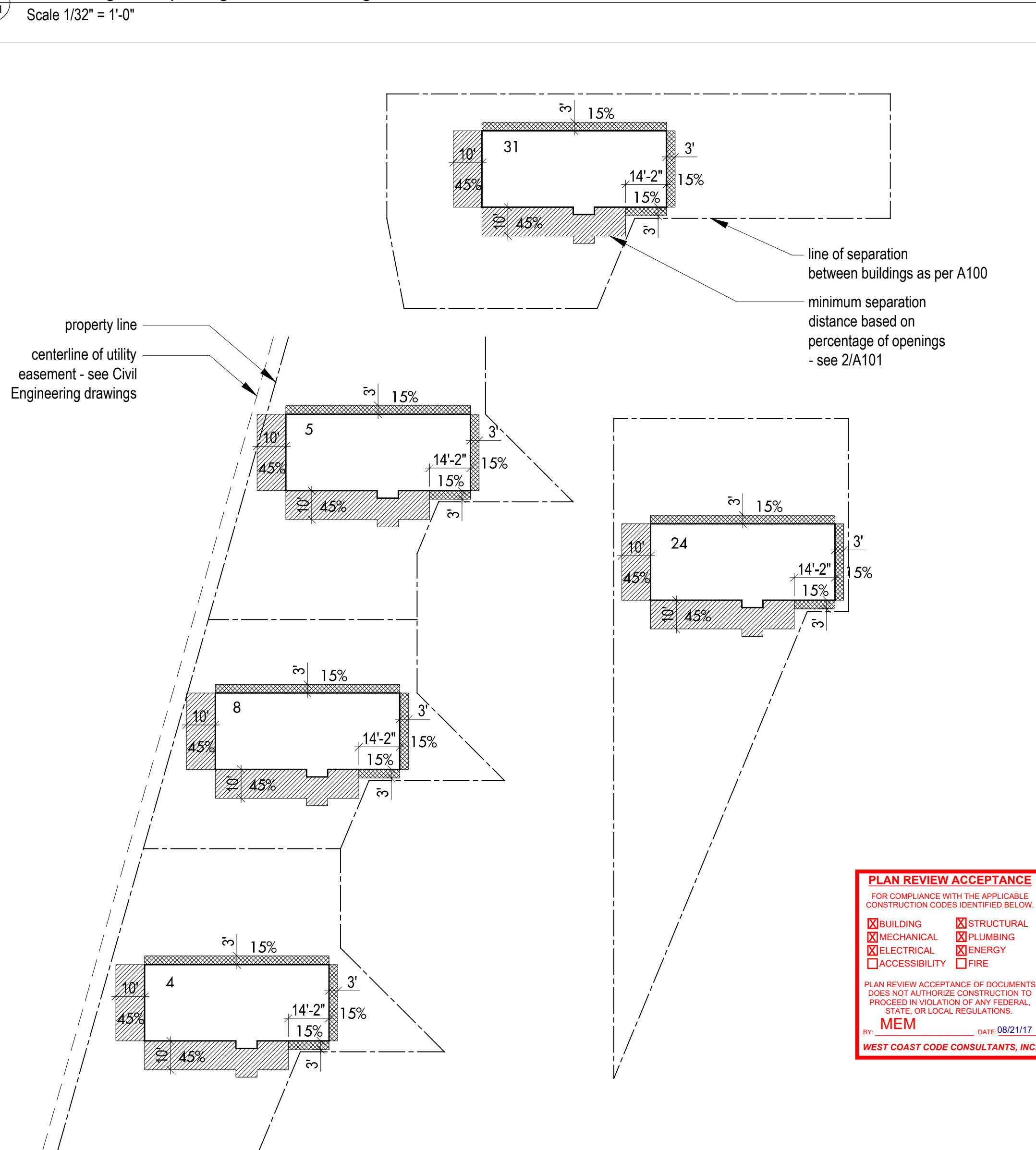
Yes 1207 Sound Transmission:  
 1207.3 Structure-borne Sound: Dwelling unit must be separated with a floor/ceiling assemblies that have an STC rating ≥ 50 (45 if field tested).  
 1207.2 Air-borne Sound: Dwelling unit must be separated with walls, partitions and floor/ceiling assemblies that have an 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')
4	8753.35	8752.6	8744.45	8742.60	8764.00	8781.25	33.275
5	8813.05	8808.5	8805.10	8800.05	8824.00	8841.25	34.7
8	8784.30	8781.55	8775.60	8772.90	8794.00	8811.25	32.65
22	8729.35	8726.85	8724.05	8721.35	8743.00	8760.25	34.9
23	8717.80	8714.65	8714.10	8711.45	8730.00	8747.25	32.625
24	8704.45	8702.7	8698.75	8696.90	8716.00	8733.25	32.575

**Height Restriction Chart**



**Percentage of Openings Elevation Diagrams**



**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.  
 MEM DATE: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

**Separation Distance Plan Diagrams**

Scale 1/32" = 1'-0"

Horizon Neighborhood Cabins

Summit Powder Mountain Eten Utah

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

No.	Description	Date
05	Issued for Const. Rev. 2	14.08.2017
04	Issued for Const. Rev. 1	14.07.2017
03	Issued for Construction	01.02.2017
02	Re-issued for FDN Permit	14.11.2016
01	Issued for FDN Permit	14.10.2016

**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 International Residential Code.

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

Cabin 2500  
 Code Review

scale: varies  
 date: 16-07-04  
 drawn: DP  
 chkd: BML

A101



**INTERIOR FINISH SCHEDULE - WARM**

	Base		North Wall		East Wall		South Wall		West Wall		Floors		Ceiling		Remarks
	Material	Finish	Material	Finish	Material	Finish	Material	Finish	Material	Finish	Material	Finish	Material	Finish	
LOWER LEVEL															
Hall	WD	PTW2	GWB		PTW1	GWB	PTW1	GWB	PTW1	GWB	PTW1	WD3	prefinished	WD1	untreated
Stair	WD1	untreated	WD1	untreated	n/a	n/a	WD1	untreated	WD2	treated	WD3	prefinished	WD1	untreated	
Bedroom 1	WD	PTW2	GWB		PTW1	GWB	PTW1	GWB	PTW1	GWB	PTW1	WD3	prefinished	WD1	untreated
Bathroom 1	WD1	sealant	WD1	sealant	WD1/GWB-W	sealant/ST2	GWB-W/WD1	ST1/sealant	GWB-W/WD1	ST1/sealant	ST1	-	WD1	sealant	See notes 2+3
Bathroom 2	WD1	sealant	WD1	sealant	WD1/GWB-W	sealant/ST2	GWB-W/WD1	ST1/sealant	GWB-W/WD1	ST1/sealant	ST1	-	WD1	sealant	See notes 2+3
Bathroom 3	WD1	sealant	GWB-W	ST2	GWB-W/WD1	ST2/sealant	WD1	sealant	WD1/GWB-W	sealant/ST2	ST1	-	WD1	sealant	See notes 2+3
Bedroom 2	WD	PTW2	GWB		PTW1	GWB	PTW1	GWB	PTW1	GWB	PTW1	WD3	prefinished	WD1	untreated
Bunk Room 1	WD	PTW2	GWB		PTW1	GWB	PTW1	GWB	PTW1	GWB	PTW1	WD3	prefinished	WD1	untreated
Bunk Room 2	WD	PTW2	GWB		PTW1	GWB	PTW1	GWB	PTW1	GWB	PTW1	WD3	prefinished	WD1	untreated
Walk-in closet 1+2	WD1	untreated	WD1	untreated	GWB	PTW1	GWB	PTW1	WD1	untreated	WD3	prefinished	WD1	untreated	
UPPER LEVEL															
Dining	WD2	treated	WD2	treated	n/a	n/a	glazing	n/a	glazing	n/a	WD3	prefinished	WD1	untreated	
Living	WD1/WD2	un/treated	WD1	untreated	WD2	treated	WD2/glazing	treated/n/a	n/a	n/a	WD3	prefinished	WD1	untreated	
Entry	WD1/WD2	un/treated	WD1	untreated	WD1	untreated	WD2	treated	n/a	n/a	ST1	-	WD1	untreated	See note 2.
Mudroom	WD1	sealant	WD1	untreated	WD1	untreated	WD1	untreated	GWB	PTC1	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	WD2	treated	WD2/GWB-W	treated/ST2	WD2	treated	WD2	treated	WD2	treated	ST1	-	WD1	untreated	
Yoga	WD/WD1	untrd/PTC2	GWB	PTC1	WD1	untreated	WD1	clear	n/a	n/a	CONC.	sealed	GWB	PTC3	

**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.

1 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	Material	Finish	Material	Finish	Material	Finish	Material	Finish	
LOWER LEVEL															
Hall	WD	PTC2	GWB	PTC1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	WD1	clear	
Stair	WD1	untreated	WD1	untreated	-	-	WD1	untreated	WD2	treated	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./CT2	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./CT2	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	
Bunk Room 1	WD	PTC2	GWB	PTC1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	WD1	clear	
Bunk Room 2	WD	PTC2	GWB	PTC1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	WD1	clear	
Bathroom 3	WD	CT1	GWB	CT1	GWB	CT1	GWB	CT1	GWB	CT1	CONC.	sealed	WD1	clear	
Walk-in closet 1+2	WD	PTC2	GWB	PTC1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	WD1	clear	
UPPER LEVEL															
Dining	WD2	treated	WD2	treated	n/a	n/a	glazing	n/a	glazing	n/a	CONC.	sealed	WD1	clear	
Living	WD1/WD2	un/treated	WD1	untreated	WD2	treated	WD2	treated	n/a	n/a	CONC.	sealed	WD1	clear	See note 2.
Entry	WD1/WD2	un/treated	WD1	untreated	WD1	untreated	WD2	treated	n/a	n/a	CONC.	troweled+sealed	WD1	PTC3	See note 2.
Mudroom	WD	PTC2	GWB	PTC1	GWB	PTC1	GWB	PTC1	GWB	PTC1	CONC.	sealed	GWB	PTC3	
Powder Rm	TILE	CT1	GWB	CT1	GWB	CT1	GWB	CT1	GWB	CT1	CONC.	sealed	GWB	PTC3	
Yoga	WD/WD1	untrd/PTC2	GWB	PTC1	WD1	untreated	WD1	clear	n/a	n/a	CONC.	sealed	GWB	PTC3	
Kitchen	WD2	treated	WD2	treated	WD2	treated	WD2	treated	WD2	treated	CONC.	sealed	WD2	treated	

**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  
 WD3 - douglas fir, 1x4", prefinished, satin
- Ceramic Tile  
 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.**

- "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.

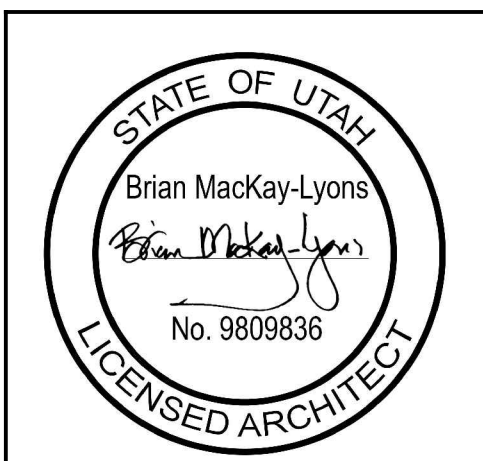
**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW

<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: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

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

Mackay-Lyons Sweetapple Architects Limited  
 2188 Göttingen St.  
 Halifax, Nova Scotia  
 Canada B3K 3B4  
 ph: (902) 429-1867  
 fax: (902) 429-6276

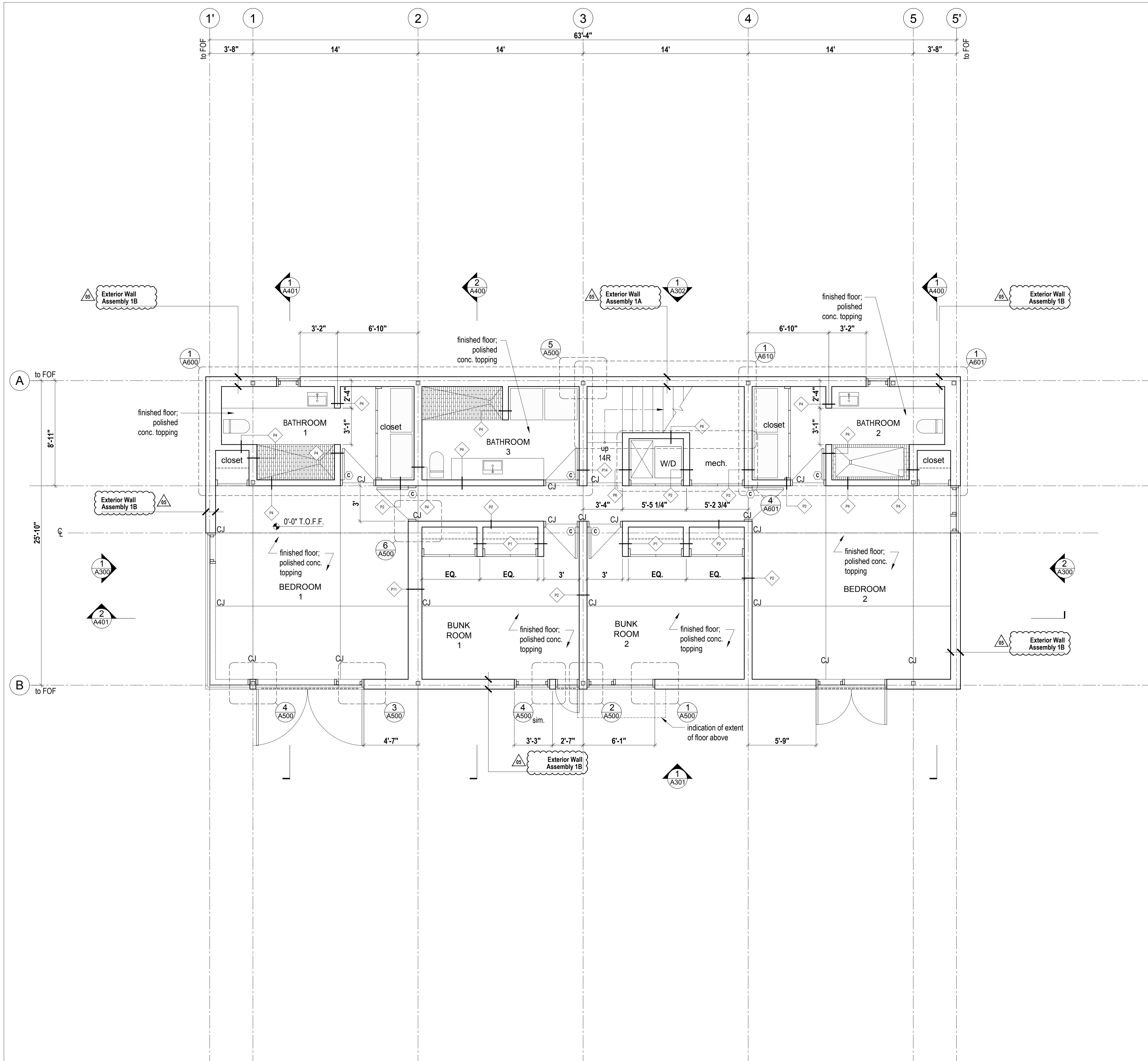


02	Issued for Const. Rev. 1	14.07.2017
01	Issued for Construction	01.02.2017
No.	Description	Date
Revision:		

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

Cabin 2500  
**Room Finish Schedules**  
 scale: varies  
 date: 16-07-04  
 drawn: DP  
 ch'd: BML  
**A102**





**LEGEND**

- ⊙ Center line
- (X) Door type
- ◇ Partition type

---

**LIVABLE SQUARE FOOTAGES**

Floor Plan Lower: 1542 square feet

Floor Plan Upper: 1140 square feet

Total: 2592 square feet

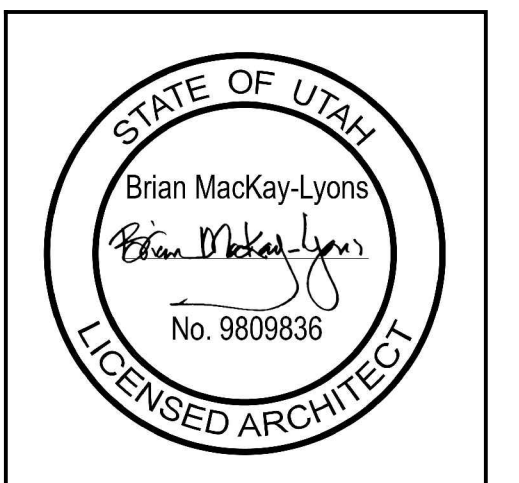
Horizon Neighborhood Cabins

Summit Powder 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



No.	Description	Date
05	Issued for Const. Rev. 2	14.08.2017
04	Issued for Const. Rev. 1	14.07.2017
03	Issued for Construction	01.02.2017
02	Re-issued for FDN Permit	16.11.2016
01	Issued for FDN Permit	14.10.2016

**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 International Residential Code.

**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:

<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.

**MEM**

DATE: 08/21/17  
WEST COAST CODE CONSULTANTS, INC.

1 Floor Plan Lower  
Scale 1/4" = 1'-0"

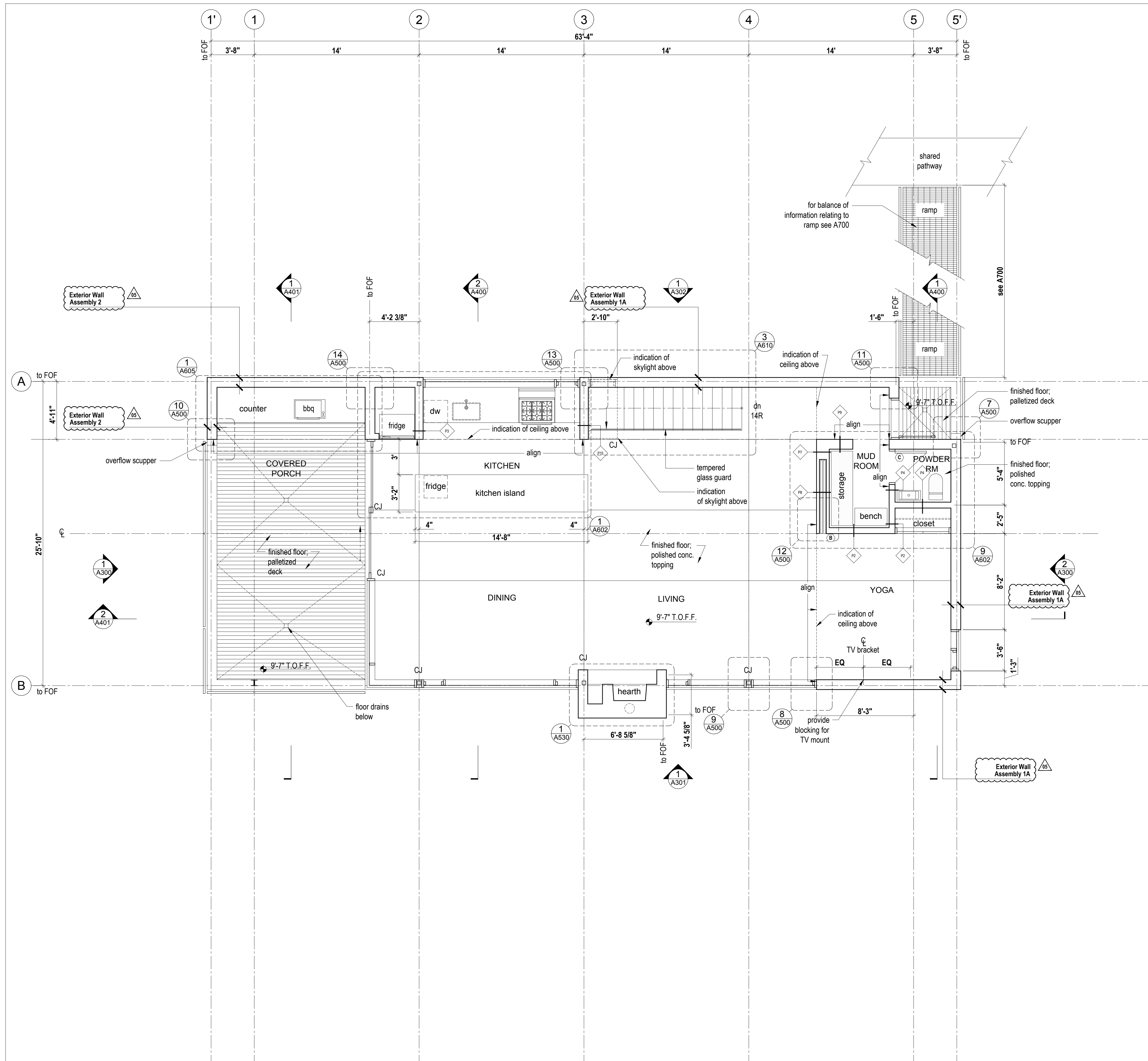
Cabin 2500

Lower Level Plan

scale: varies  
date: 16-04-20  
drawn: M.J./J.L.  
chk'd: B.M.L.

**A200**





**LEGEND**

- Center line
- Door type
- Partition type

**LIVABLE SQUARE FOOTAGES**

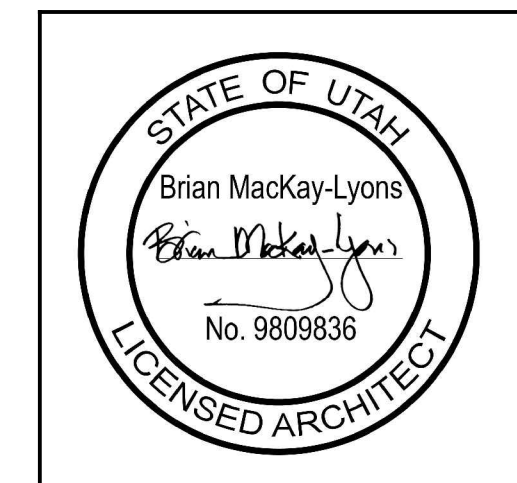
Floor Plan Lower: 1542 square feet  
 Floor Plan Upper: 1140 square feet  
 Total: 2592 square feet

Horizon Neighborhood Cabins

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
05	Issued for Const. Rev. 2	14.08.2017
04	Issued for Const. Rev. 1	14.07.2017
03	Issued for Construction	01.02.2017
02	Re-issued for FDN Permit	16.11.2016
01	Issued for FDN Permit	14.10.2016

**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.

**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

MEM DATE: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

1 Floor Plan Main  
 Scale 1/4" = 1'-0"

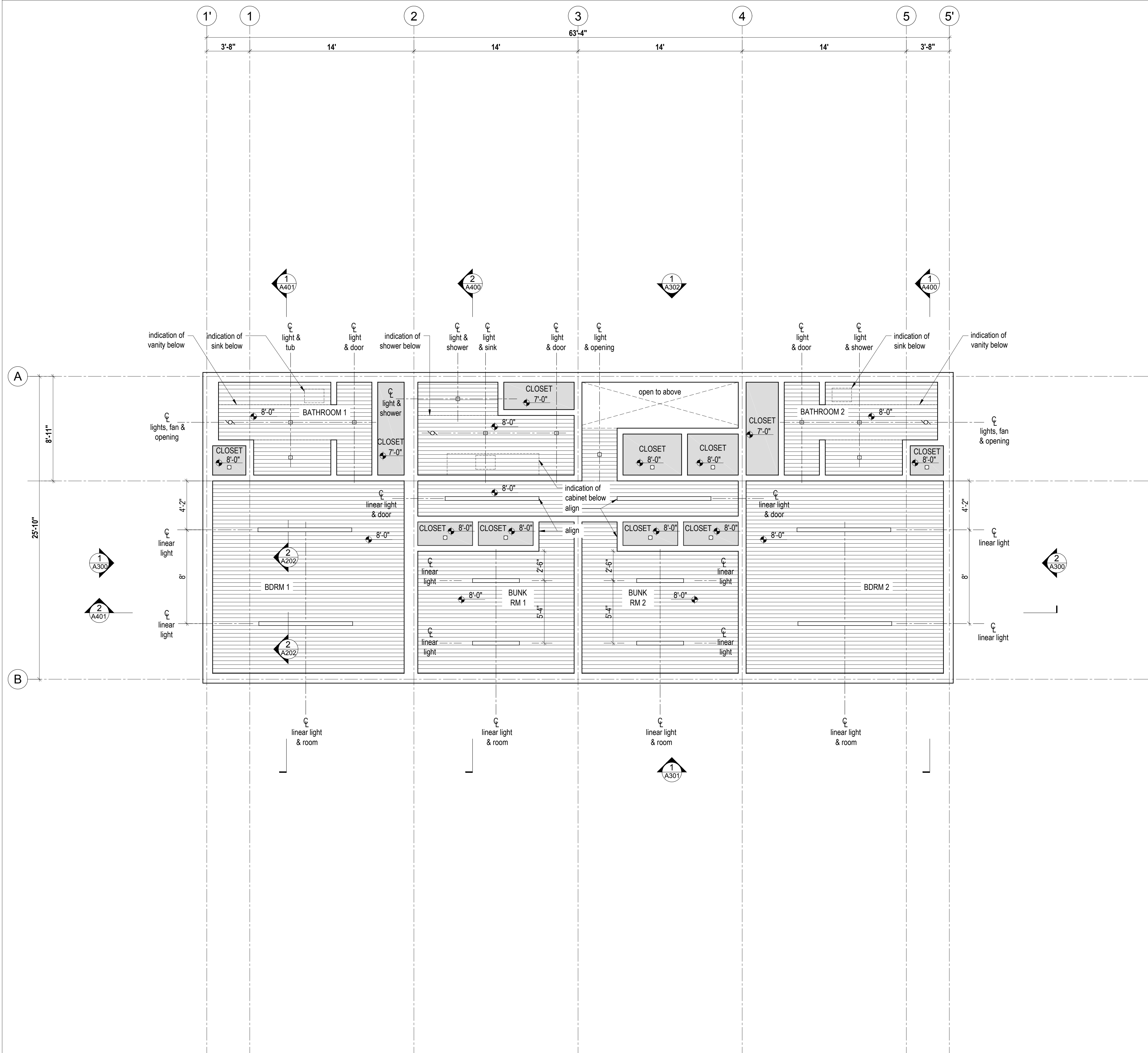
Cabin 2500

Main Level Plan

scale: varies  
 date: 16-04-20  
 drawn: M.J./J.L.  
 chd'd: B.M.L.

A201





**LEGEND**

**Symbols**

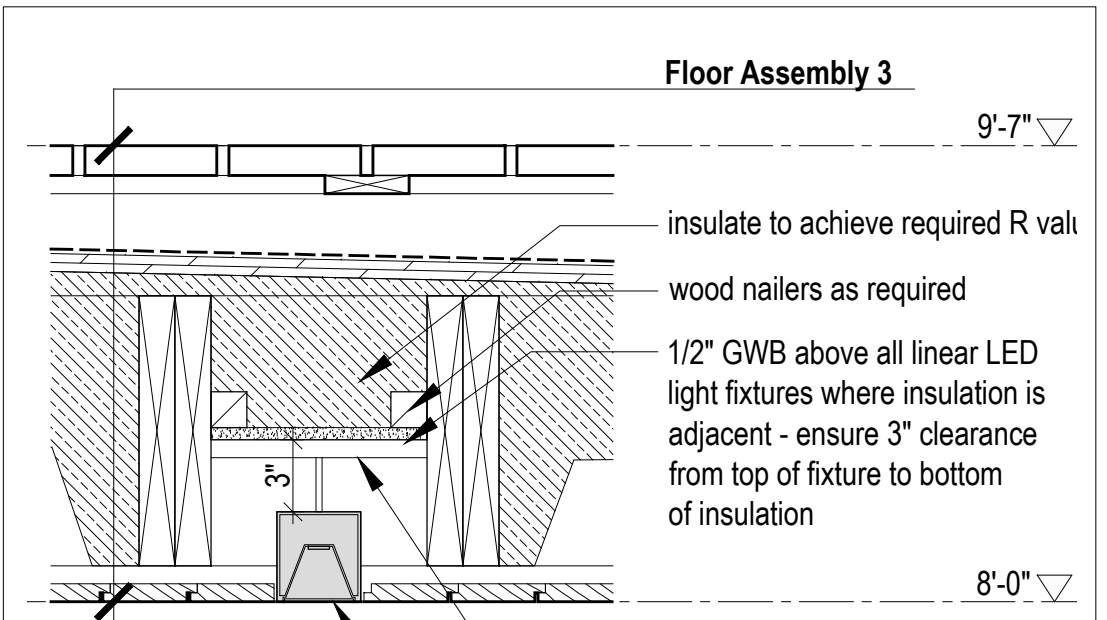
- Center line
- LED downlight
- Recessed LED pot light; inline w/ shiplap ceiling boards
- Linear LED pendant light
- Spherical pendant light cluster
- Linear LED light fixture; inline w/ shiplap ceiling boards; length varies (see elec.)
- track lights on 2' long track

**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



**2** **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.

**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: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

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

No.	Description	Date
02	Issued for Const. Rev. 1	14.07.2017
01	Issued for Construction	01.02.2017
Revision:		

**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.

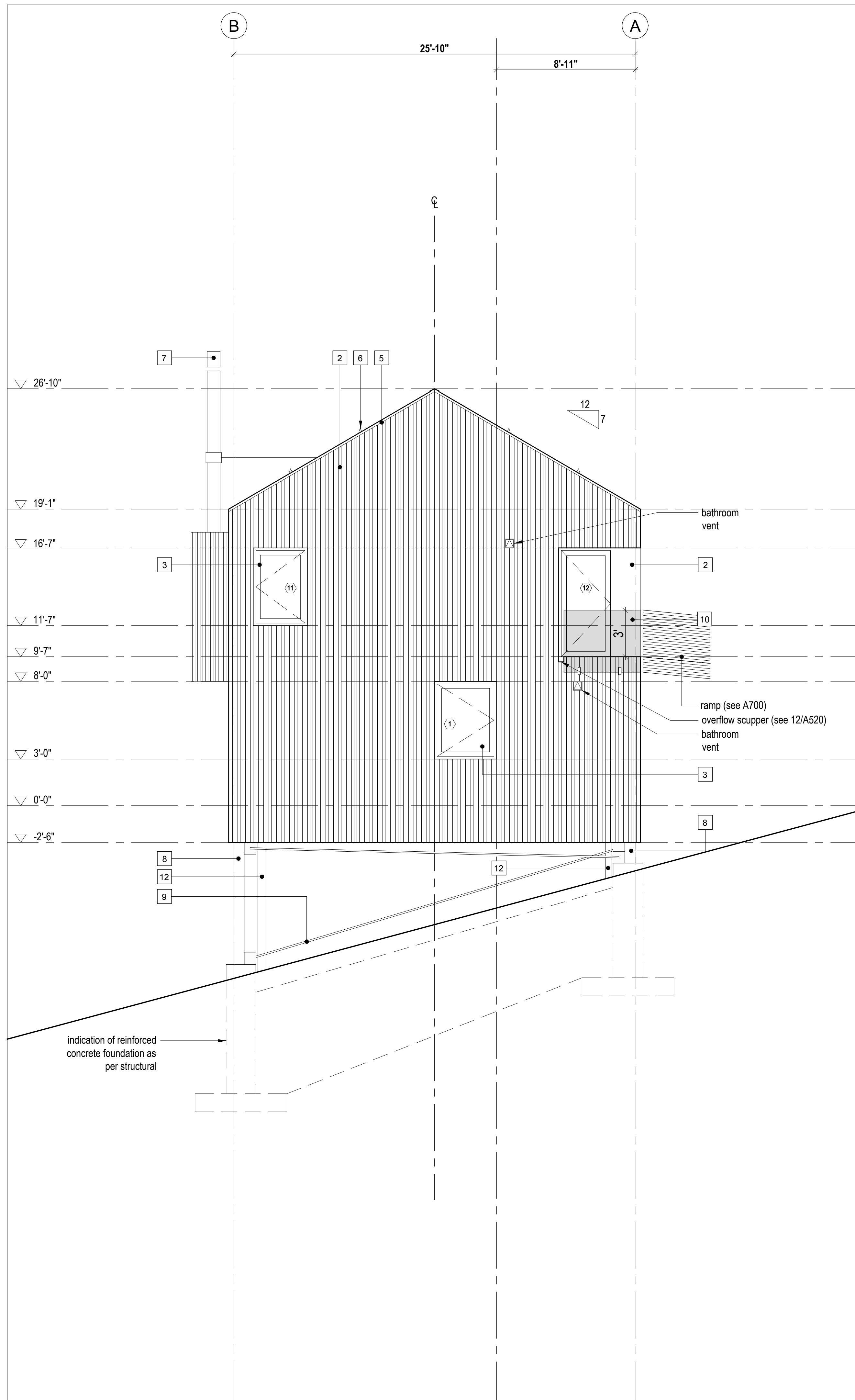
**DIMENSIONS:**  
 All dimensions must be verified on site. Do not scale off drawings. Plans take precedent over elevations. In the absence of dimensions, or if discrepancies exist, consult Architect. All minimum dimensions are to comply with the International Residential Code.

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

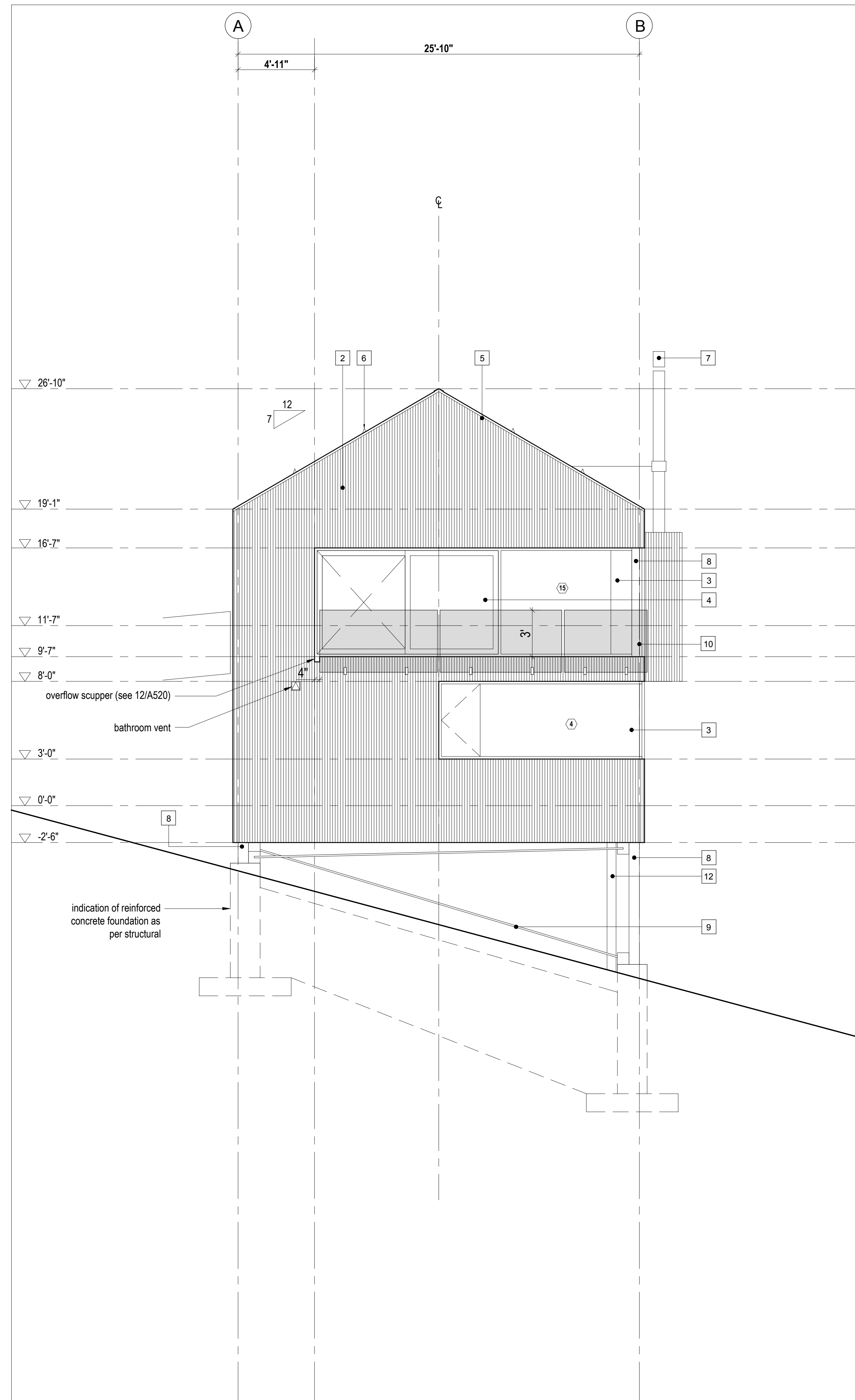








2 Exterior Elevation  
Scale 1/4" = 1'-0"



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.

MEM  
DATE: 08/21/17  
WEST COAST CODE CONSULTANTS, INC.

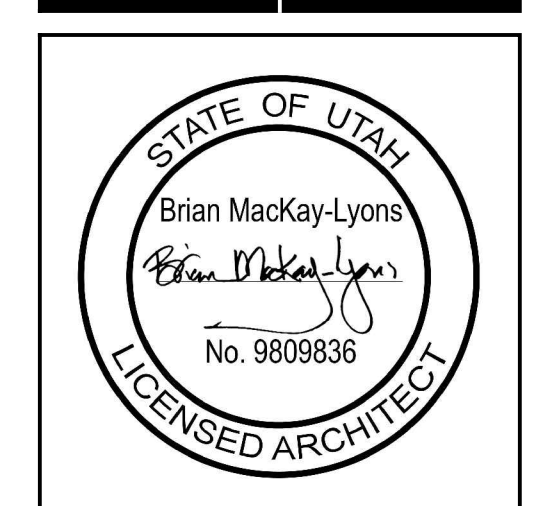
Horizon Neighborhood Cabins

Summit Powder 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



No.	Description	Date
04	Issued for Const. Rev. 1	14.07.2017
03	Issued for Construction	01.02.2017
02	Re-issued for FDN Permit	16.11.2016
01	Issued for FDN Permit	14.10.2016

Revision:

**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 precedence over elevations. In the absence of dimensions, or if discrepancies exist, consult Architect. All minimum dimensions are to comply with the International Residential Code.

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

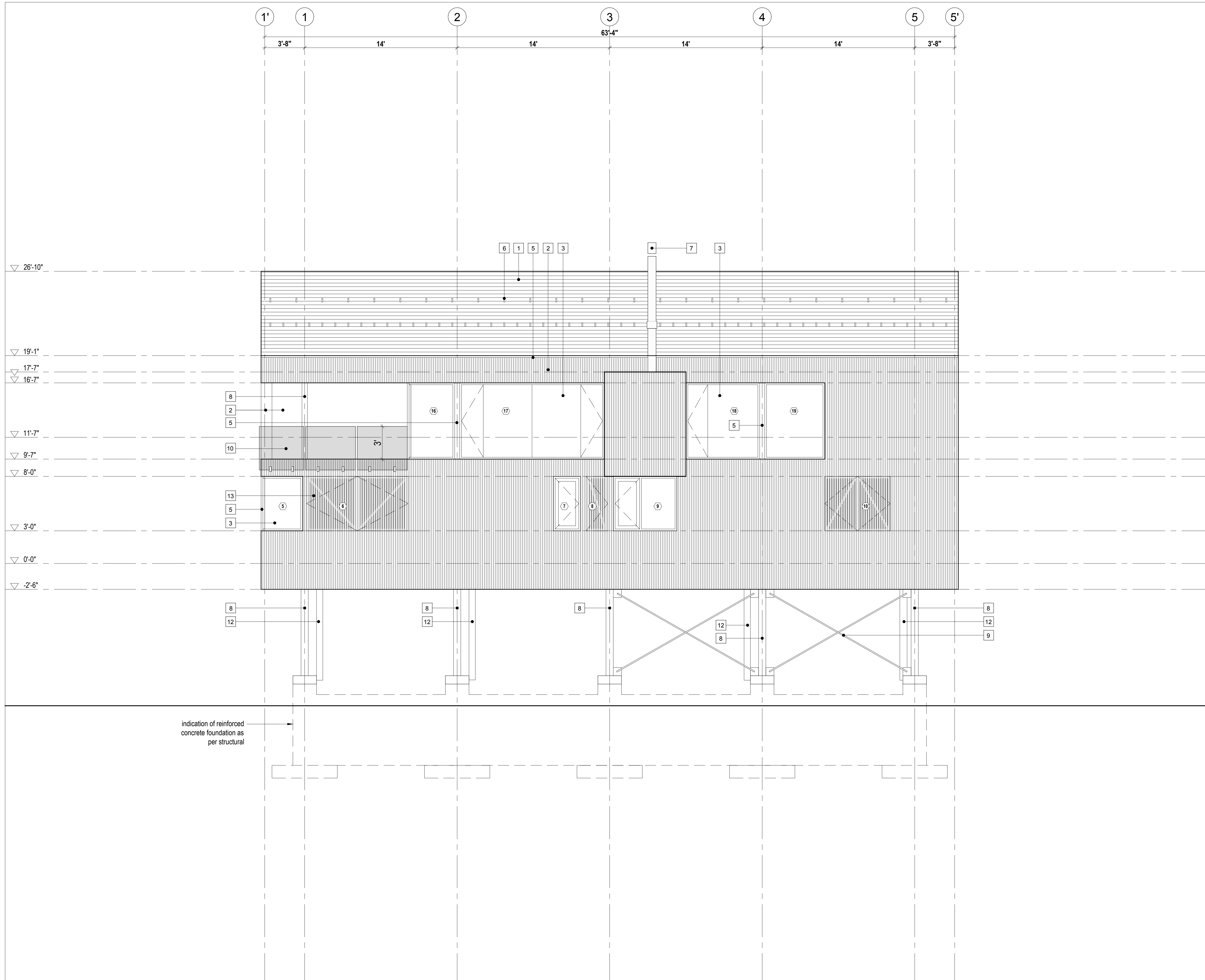
Cabin 2500

Exterior Elevations

scale: 1/4" = 1'-0"  
date: 16-04-20  
drawn: M.J.U.L.  
chk'd: B.M.L.

A300





- 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.

**MEM** DATE: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

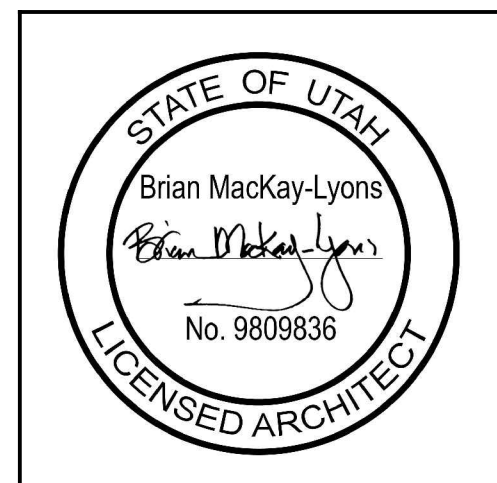
Horizon Neighborhood Cabins

Summit Powder Mountain, Eden, Utah

MackKay-Lyons Sweetapple Architects Limited

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

ph: (902) 429-1867  
 fax: (902) 429-6276



No.	Description	Date
04	Issued for Const. Rev. 1	14.07.2017
03	Issued for Construction	01.02.2017
02	Re-issued for FDN Permit	16.11.2016
01	Issued for FDN Permit	14.10.2016

**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 MackKay-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 MackKay-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 International Residential Code.

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

Cabin 2500

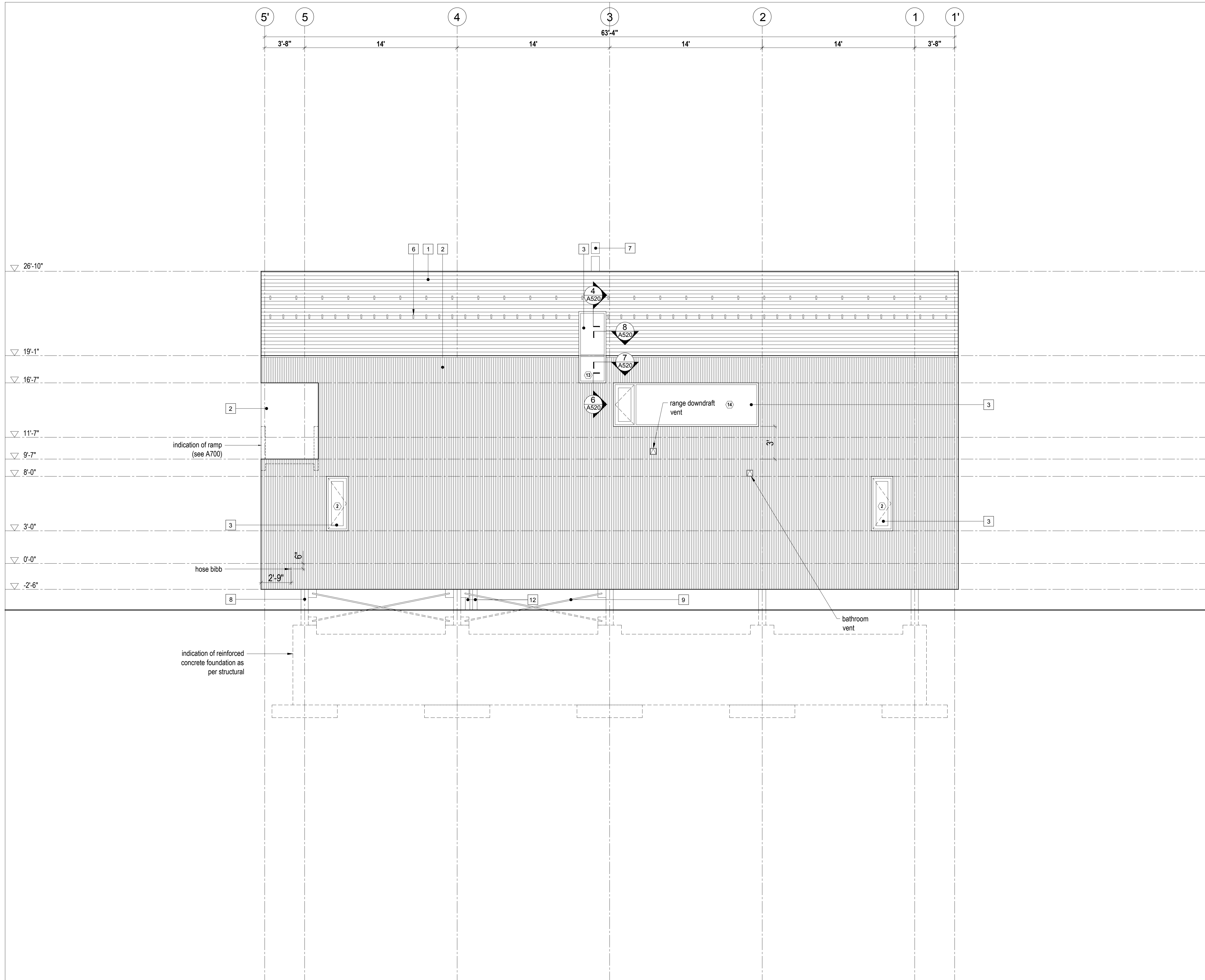
Exterior Elevation

scale: 1/4" = 1'-0"  
 date: 16-04-20  
 drawn: M.J.U.L.  
 ch'g: B.M.L.

**A301**

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

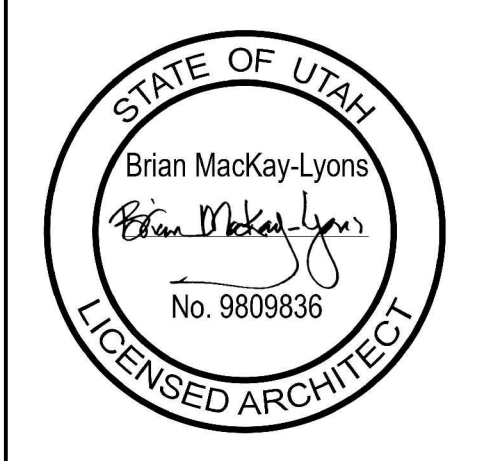
Horizon Neighborhood Cabins

Summit Powder 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



No.	Description	Date
04	Issued for Const. Rev. 1	14.07.2017
03	Issued for Construction	01.02.2017
02	Re-issued for FDN Permit	16.11.2016
01	Issued for FDN Permit	14.10.2016

**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 International Residential Building Code.

**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:

<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.

**MEM** DATE: 08/21/17  
WEST COAST CODE CONSULTANTS, INC.

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

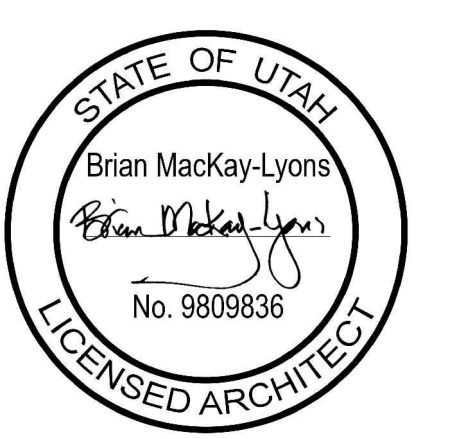
Cabin 2500

Exterior Elevation

scale: 1/4" = 1'-0"  
date: 16-04-20  
drawn: M.J.U.L.  
chk'd: B.M.L.

**A302**





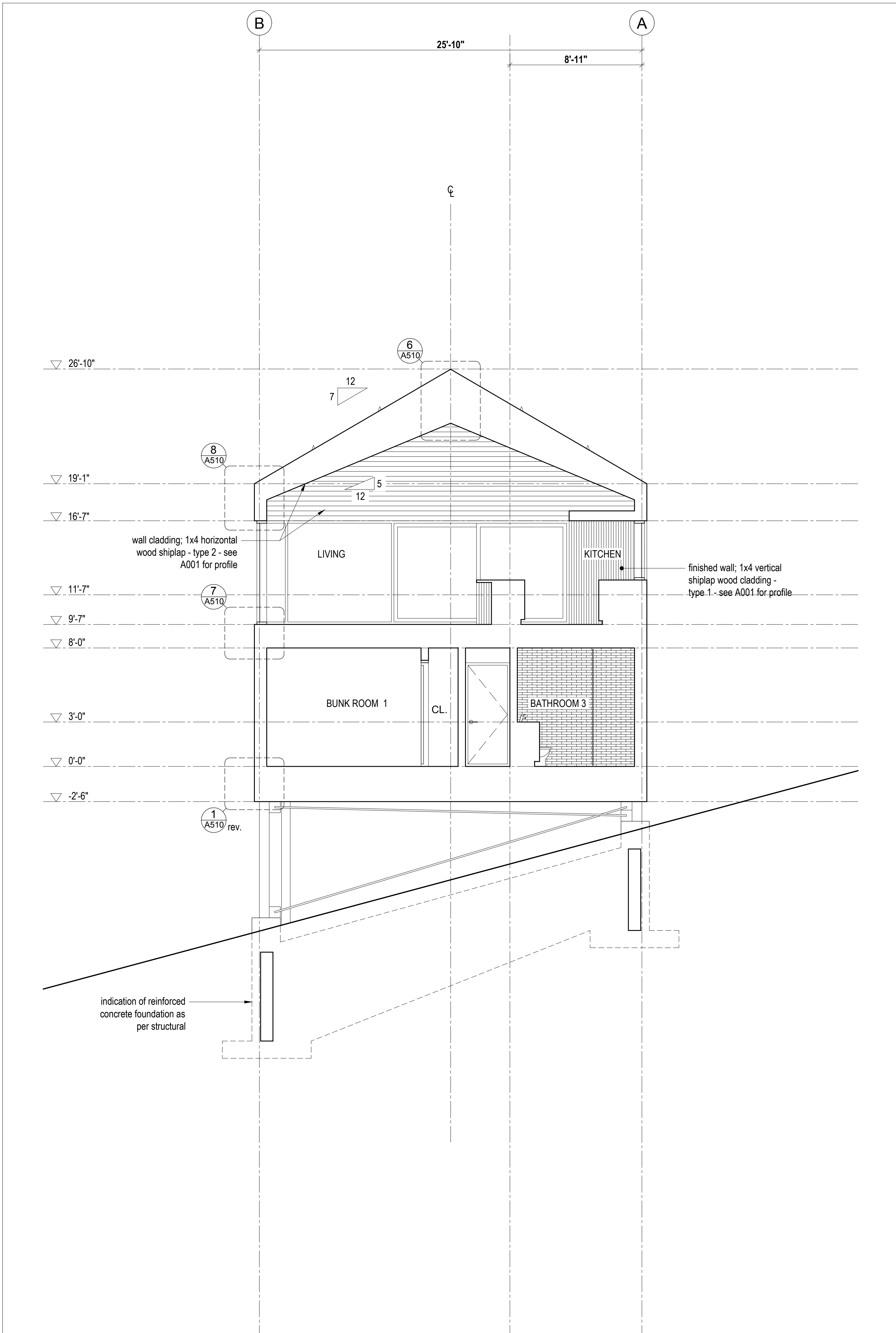
See A102 for room finish schedule

No.	Description	Date
04	Issued for Const. Rev. 1	14.07.2017
03	Issued for Construction	01.02.2017
02	Re-issued for FDN Permit	16.11.2016
01	Issued for FDN Permit	14.10.2016

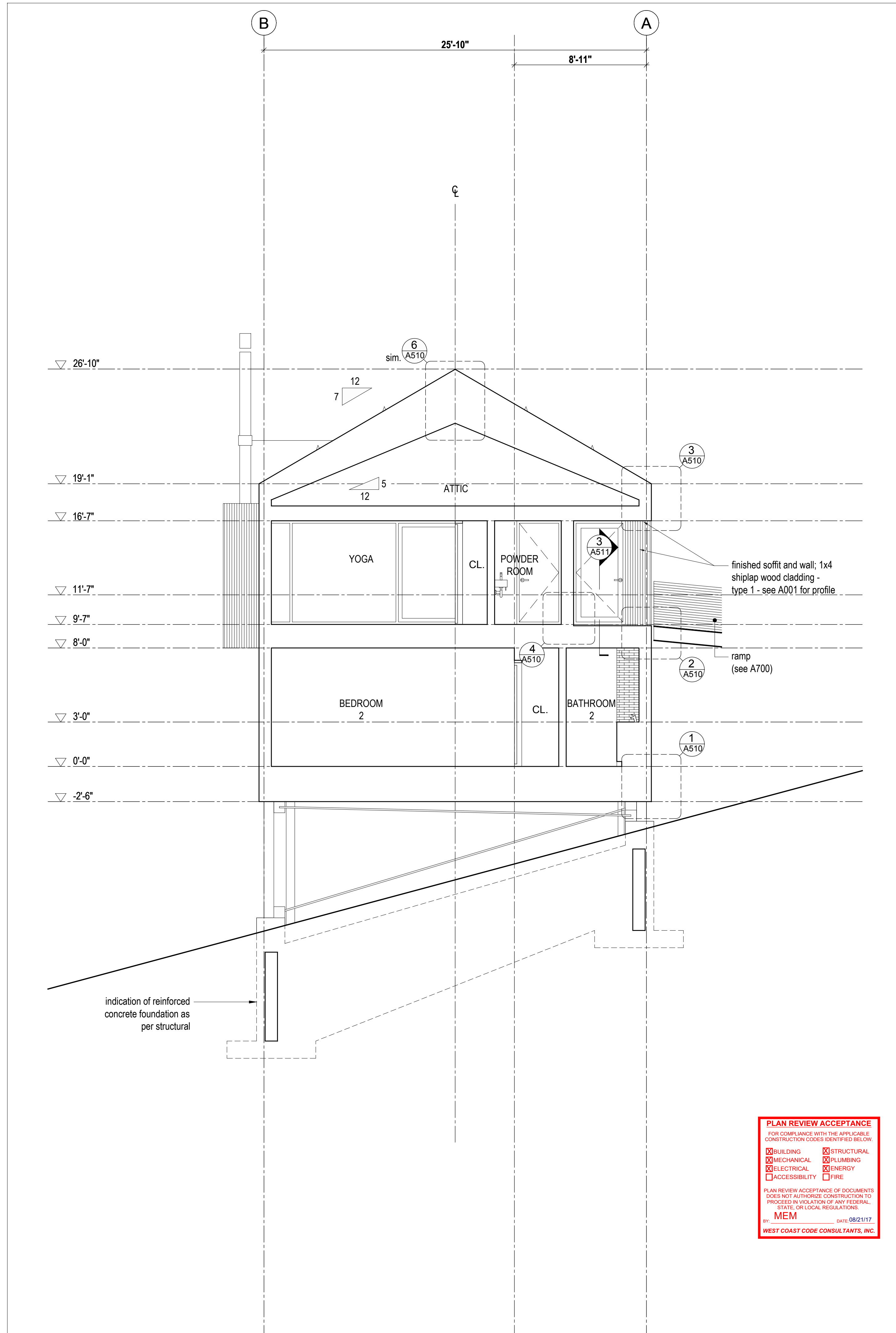
**NOTES:**  
**COPYRIGHT RELATED TO THE USE OF THIS DRAWING:**  
 The use of this drawing shall be governed by standard copyright law as generally accepted in architectural practice.  
**ARCHITECT'S REQUIREMENTS AND APPROVALS:**  
 It is the Builder's responsibility to notify MackKay-Lyons Sweetapple 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 MackKay-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 precedence over elevations. In the absence of dimensions, or if discrepancies exist, consult Architect. All minimum dimensions are to comply with the International Residential Code.  
**SHOP DRAWINGS:**  
 Submit shop drawings to the Architect and Engineer for approval prior to manufacture of prefabricated elements of the building.

**Cabin 2500**  
**Building Sections**  
 scale: 1/4" = 1'-0"  
 date: 16-04-20  
 drawn: M.J./J.L.  
 ch'g: B.M.L.



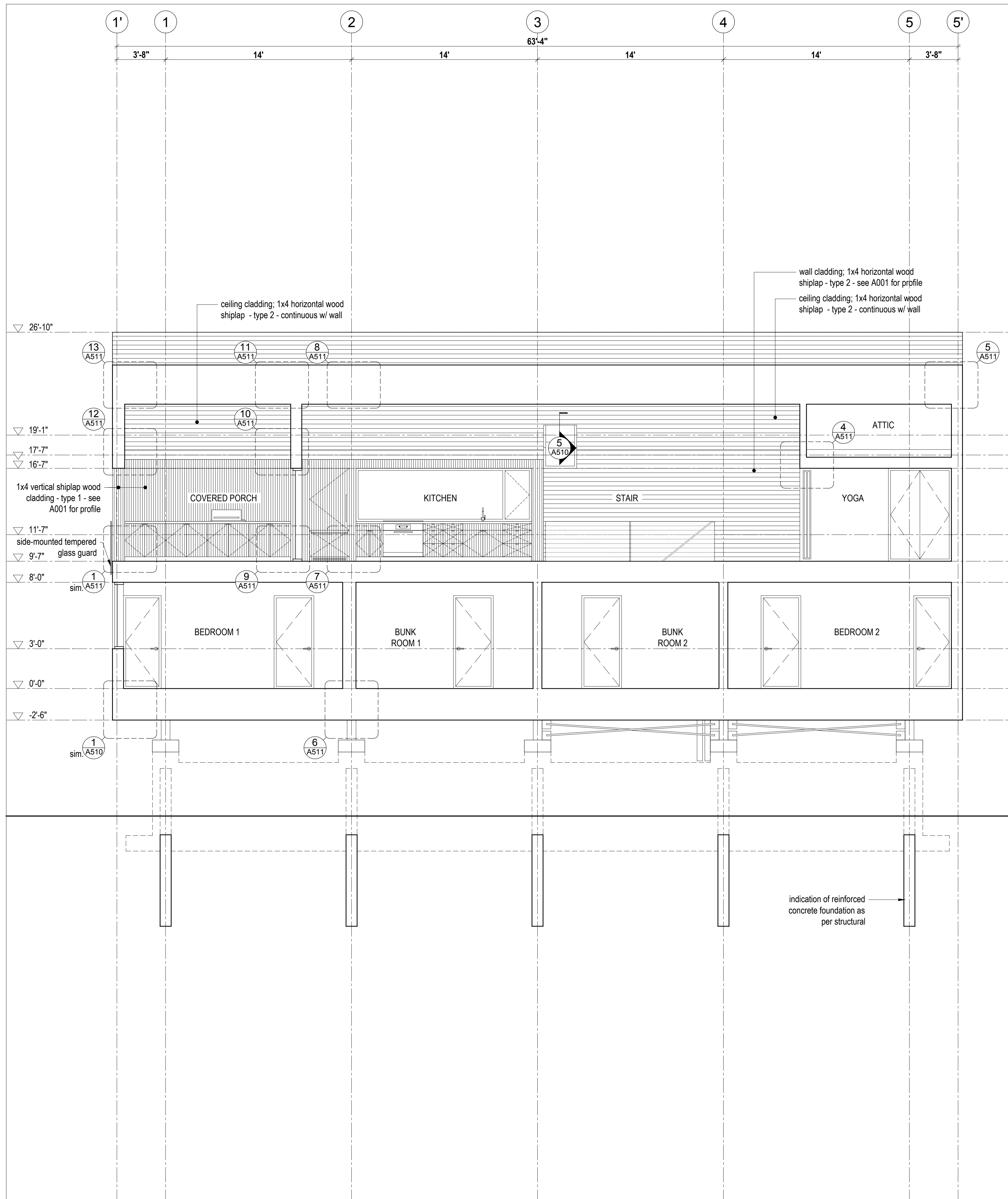
2 Cross Section  
 Scale 1/4" = 1'-0"



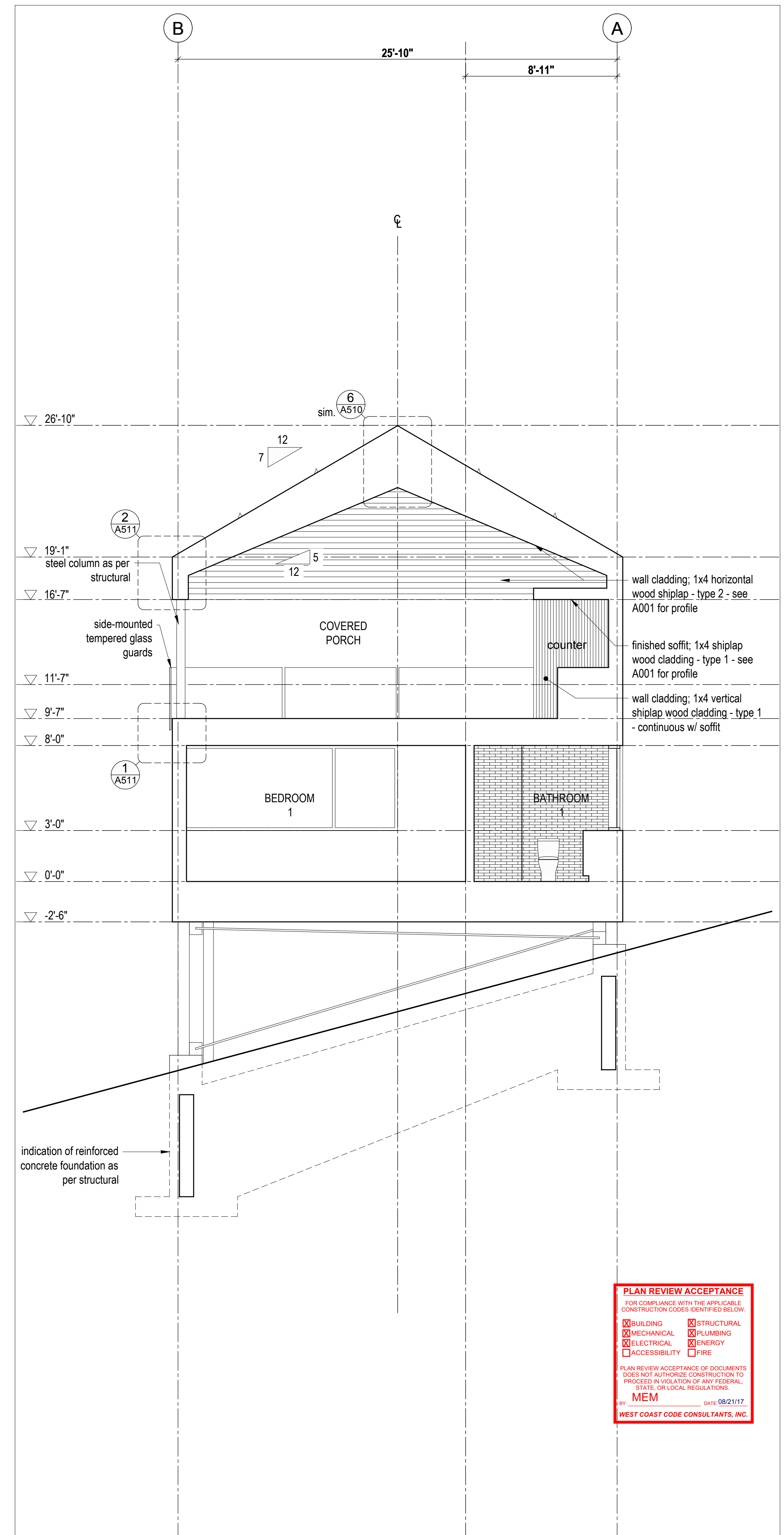
1 Cross Section  
 Scale 1/4" = 1'-0"

**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:  
 BUILDING  STRUCTURAL  
 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE  
 PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE OR LOCAL REGULATIONS.  
**MEM** DATE: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.





2 Long Section  
Scale 1/4" = 1'-0"

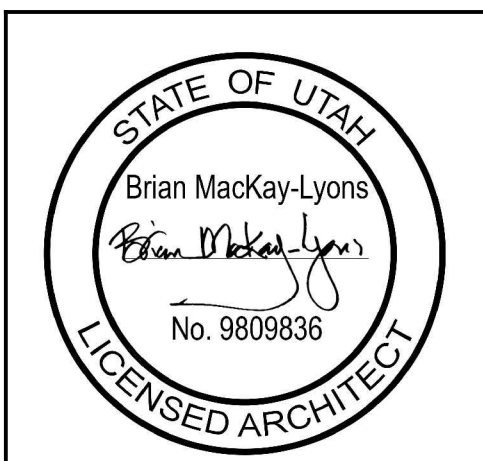


1 Cross Section  
Scale 1/4" = 1'-0"

**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.  
 MEM  
 DATE: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

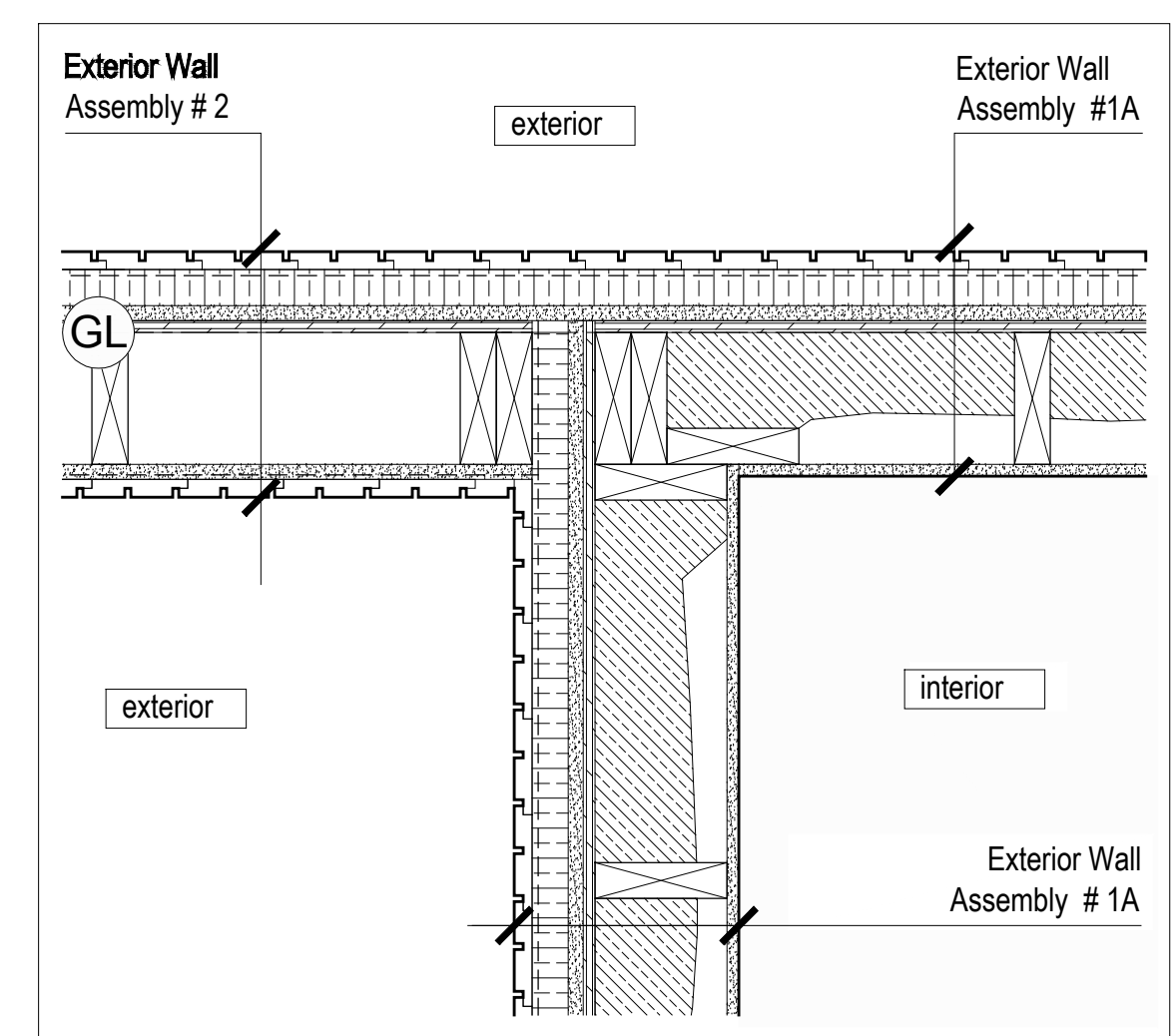
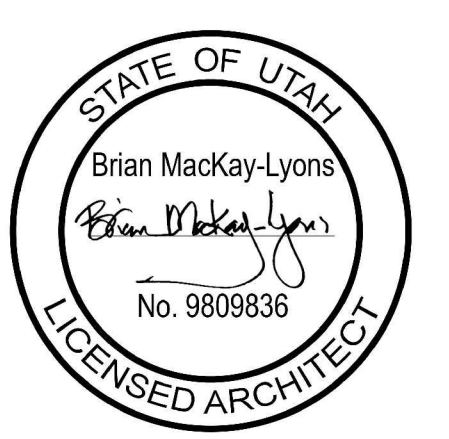


See A102 for room finish schedule

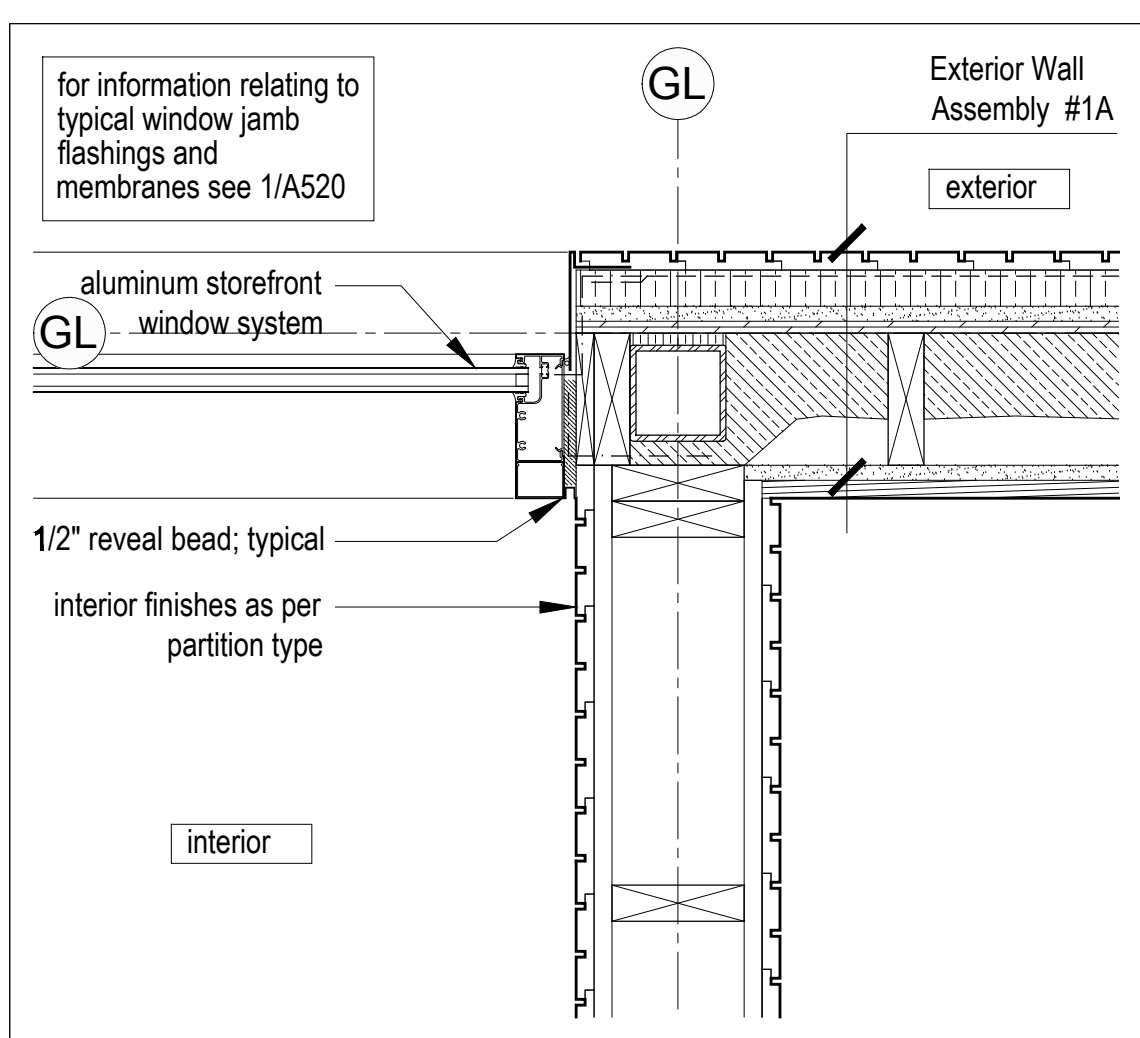
No.	Description	Date
04	Issued for Const. Rev. 1	14.07.2017
03	Issued for Construction	01.02.2017
02	Re-issued for FDN Permit	16.11.2016
01	Issued for FDN Permit	14.10.2016

**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 precedence over elevations. In the absence of dimensions, or if discrepancies exist, consult Architect. All minimum dimensions are to comply with the International Residential Code.  
**SHOP DRAWINGS:**  
 Submit shop drawings to the Architect and Engineer for approval prior to manufacture of prefabricated elements of the building.

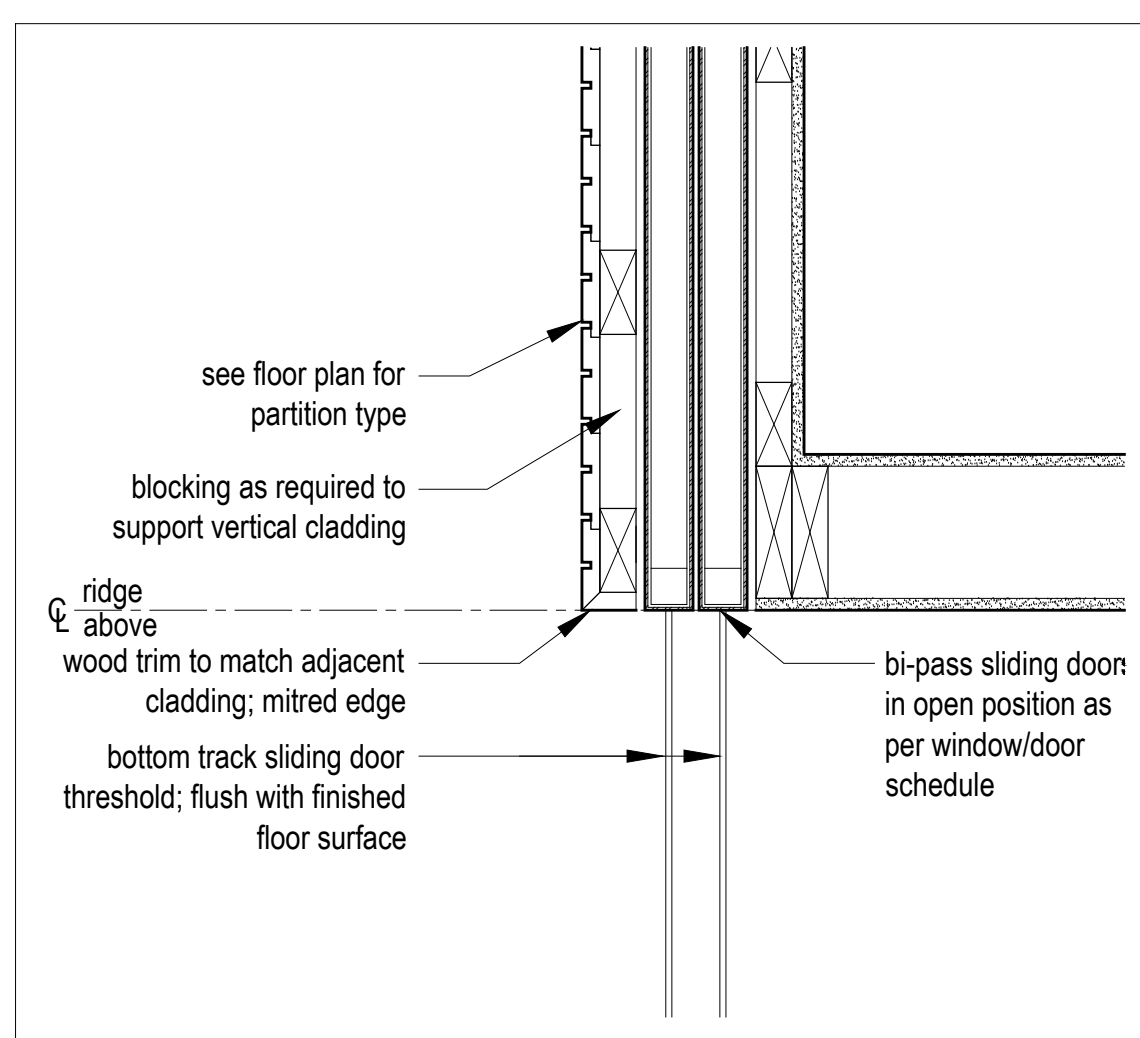




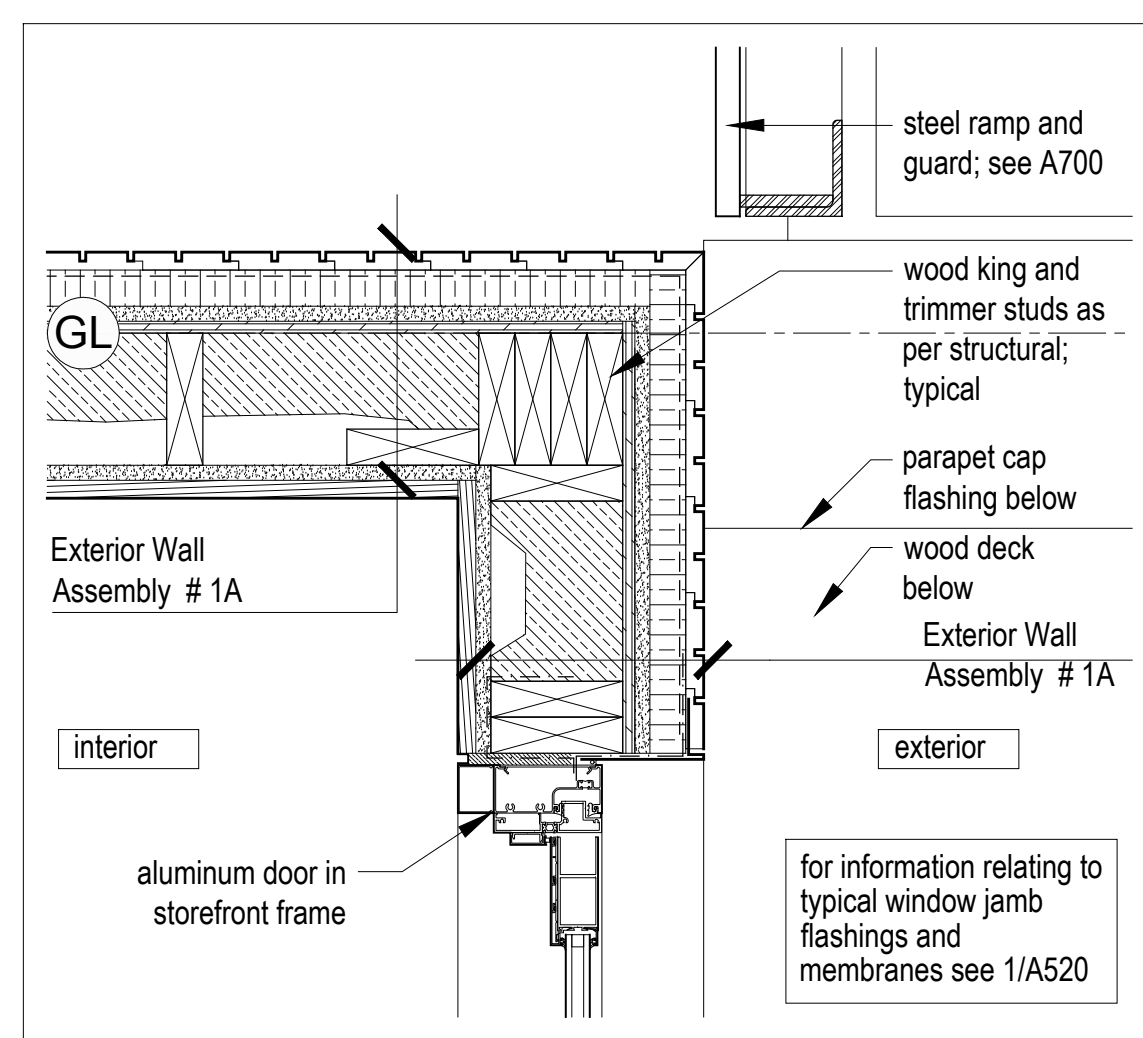
14 Plan Detail Scale 1 1/2" = 1'-0"



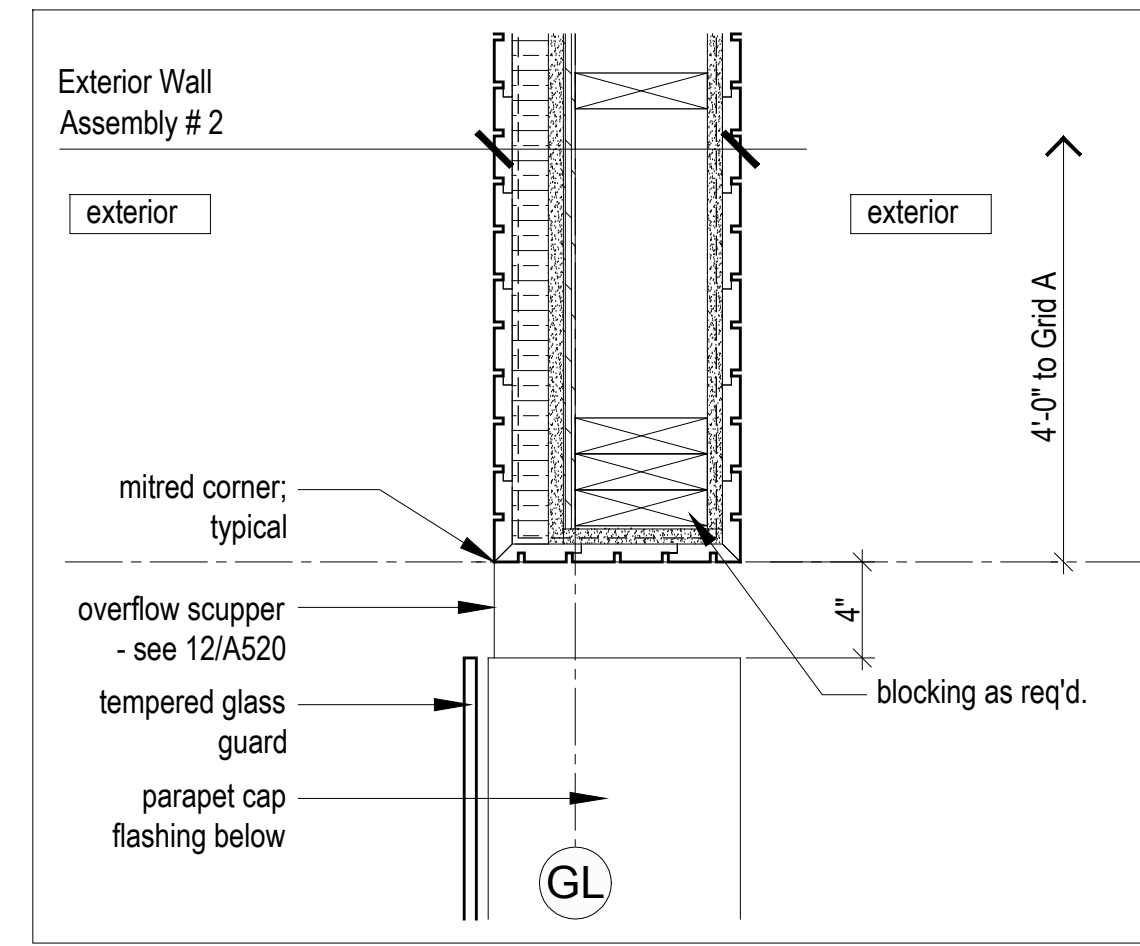
13 Plan Detail Scale 1 1/2" = 1'-0"



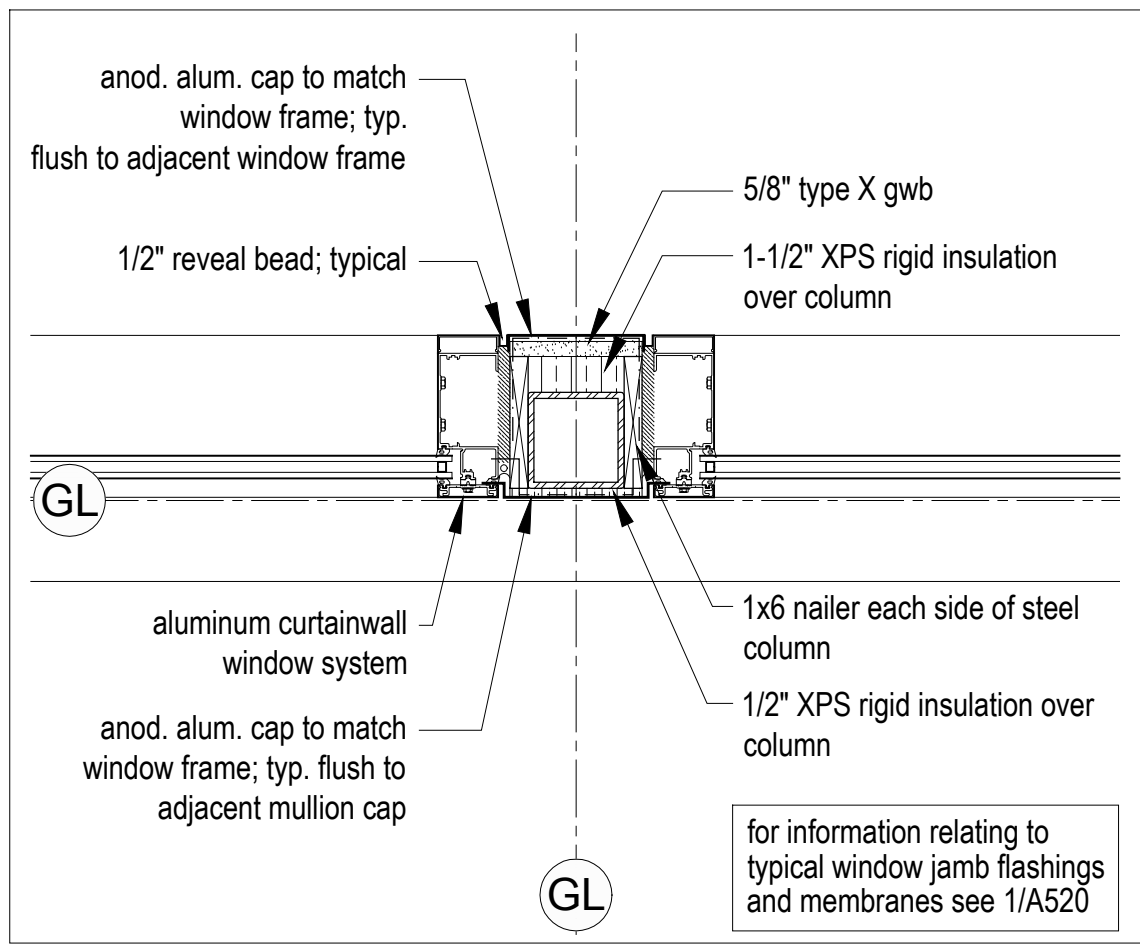
12 Plan Detail Scale 1 1/2" = 1'-0"



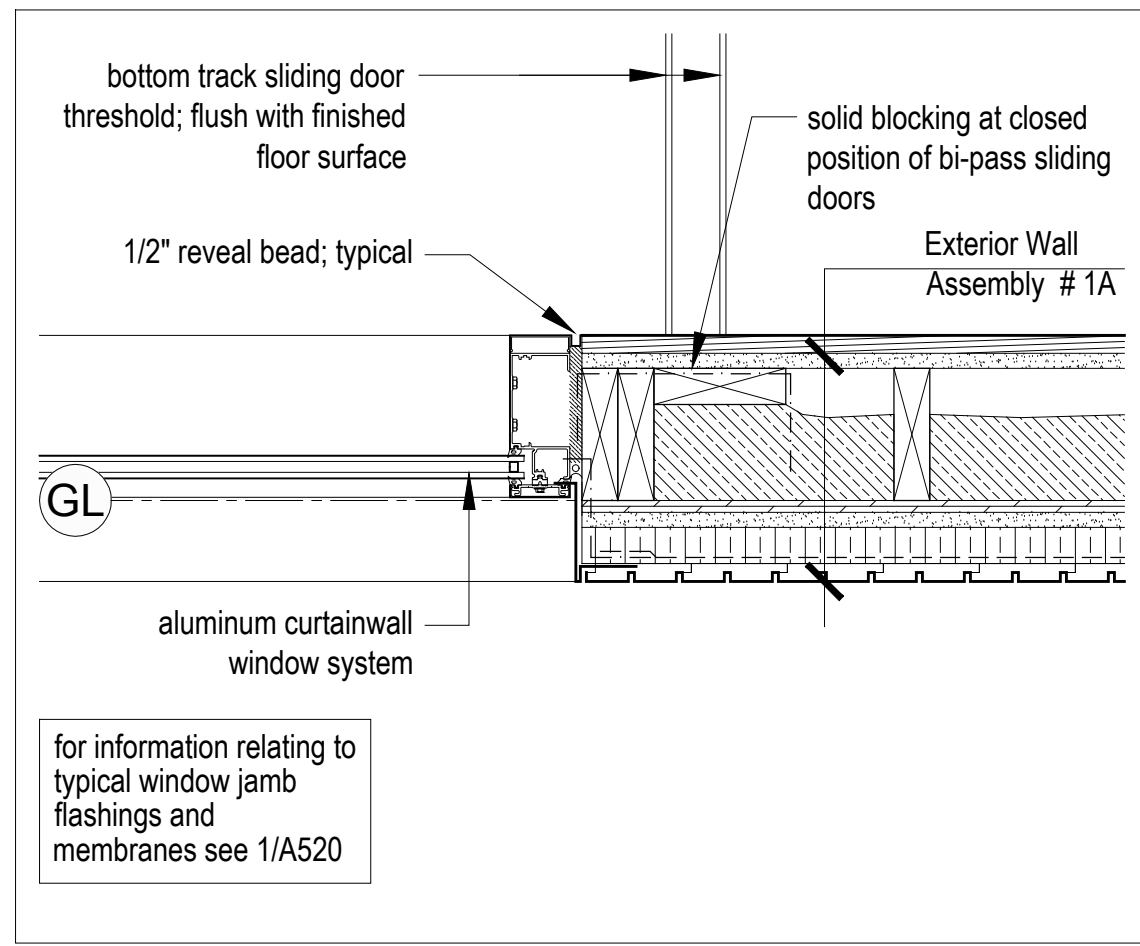
11 Plan Detail Scale 1 1/2" = 1'-0"



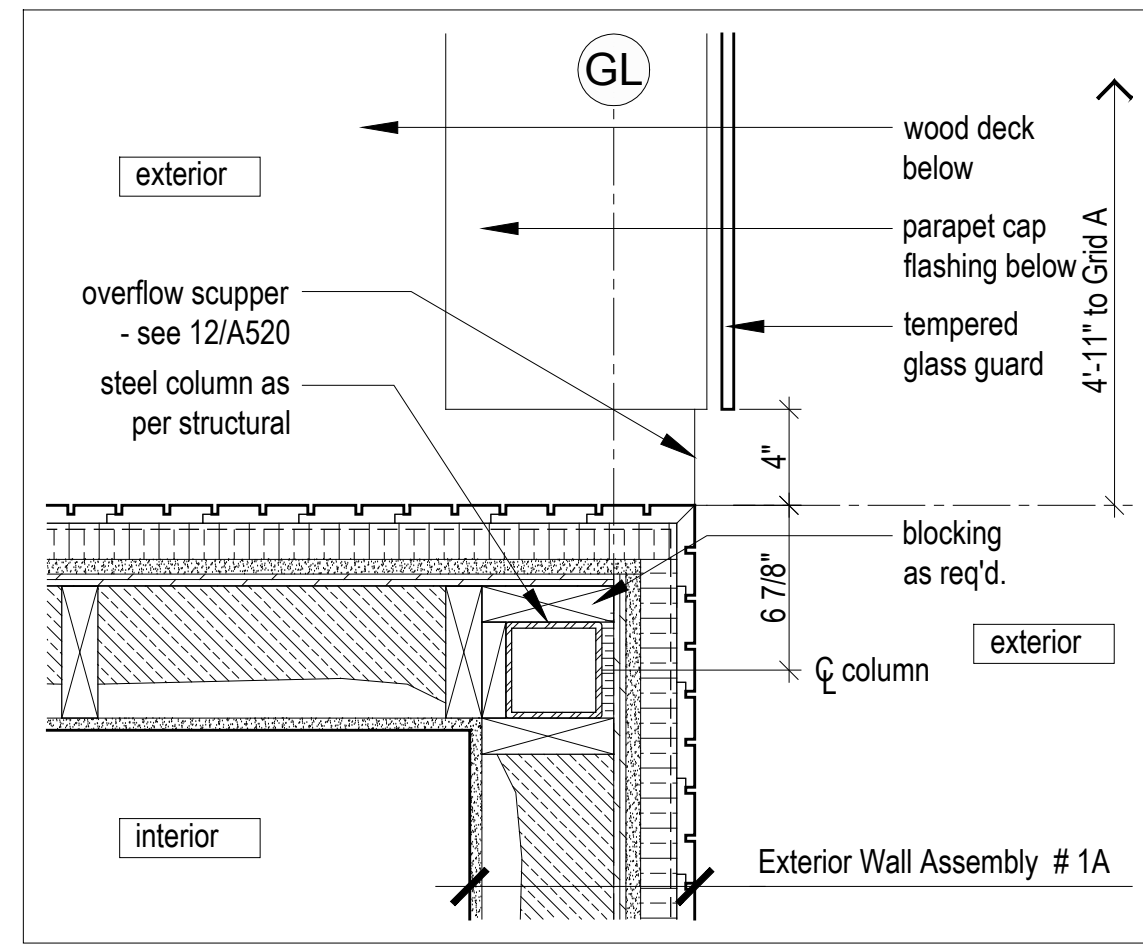
10 Plan Detail Scale 1 1/2" = 1'-0"



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

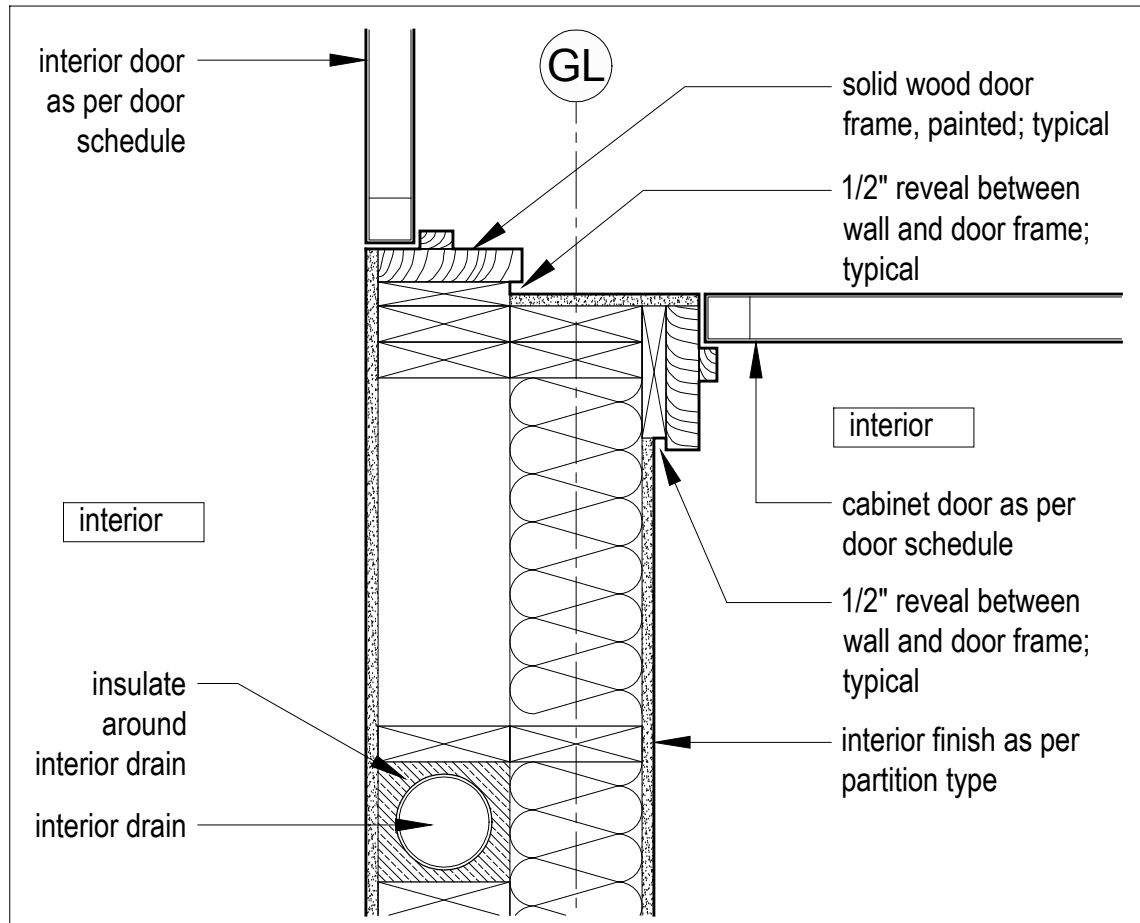


8 Plan Detail Scale 1 1/2" = 1'-0"

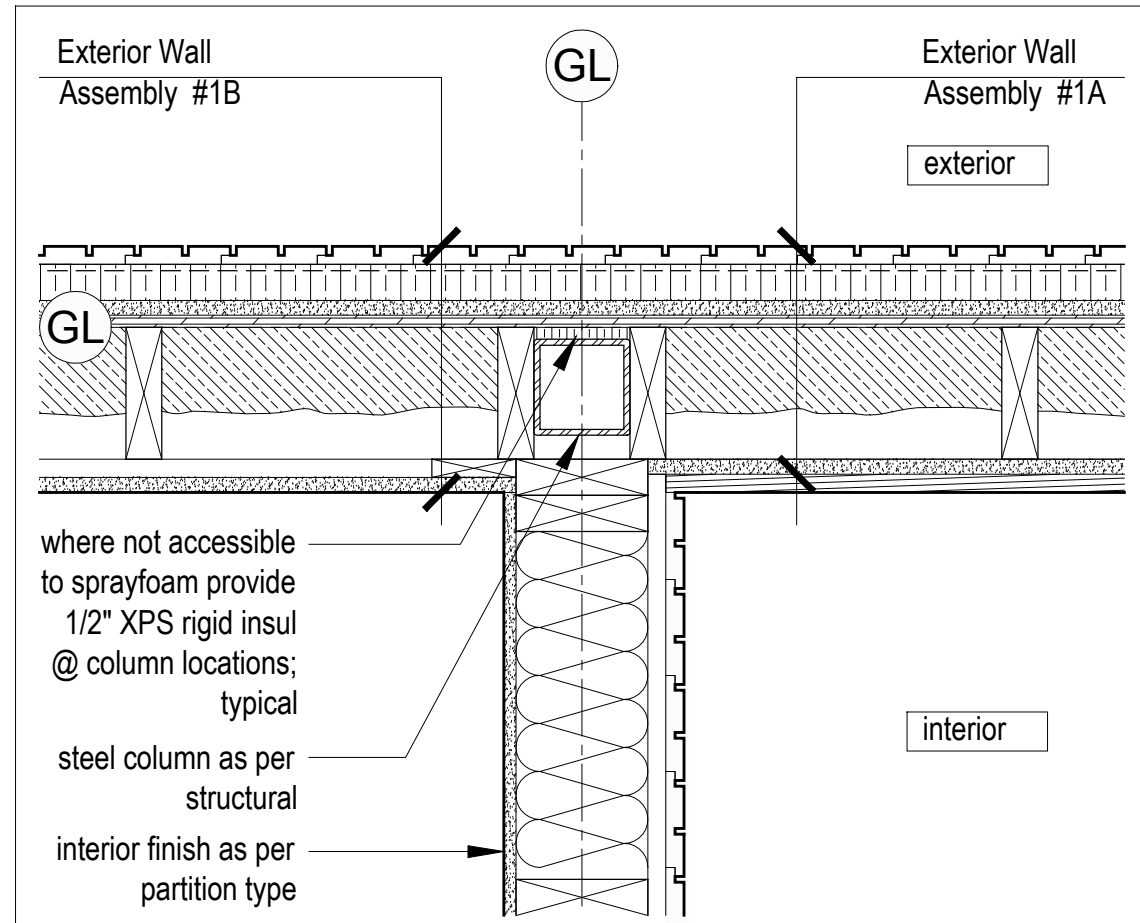


7 Plan Detail Scale 1 1/2" = 1'-0"

- 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
- 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)
  - + 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



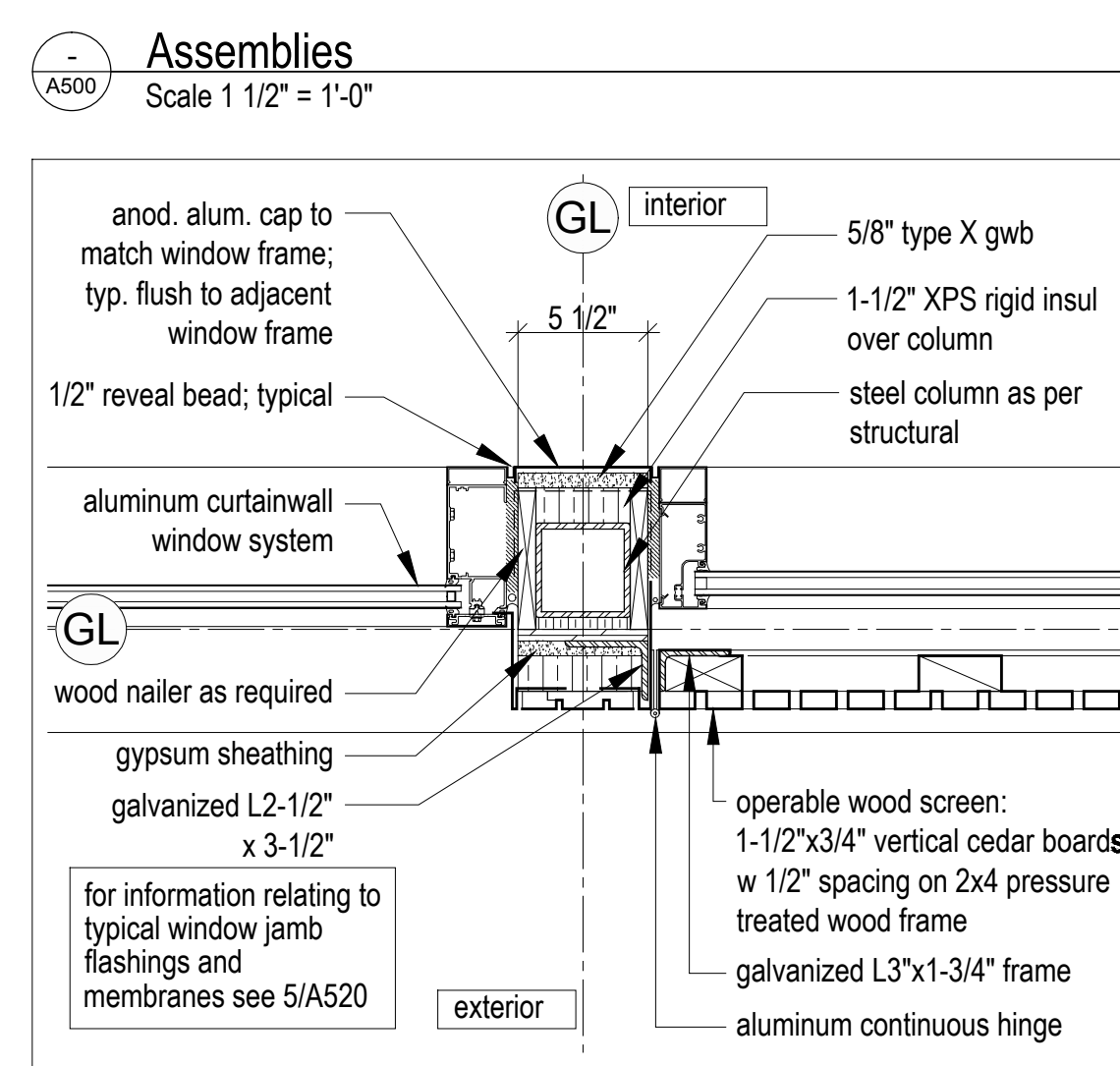
6 Plan Detail Scale 1 1/2" = 1'-0"



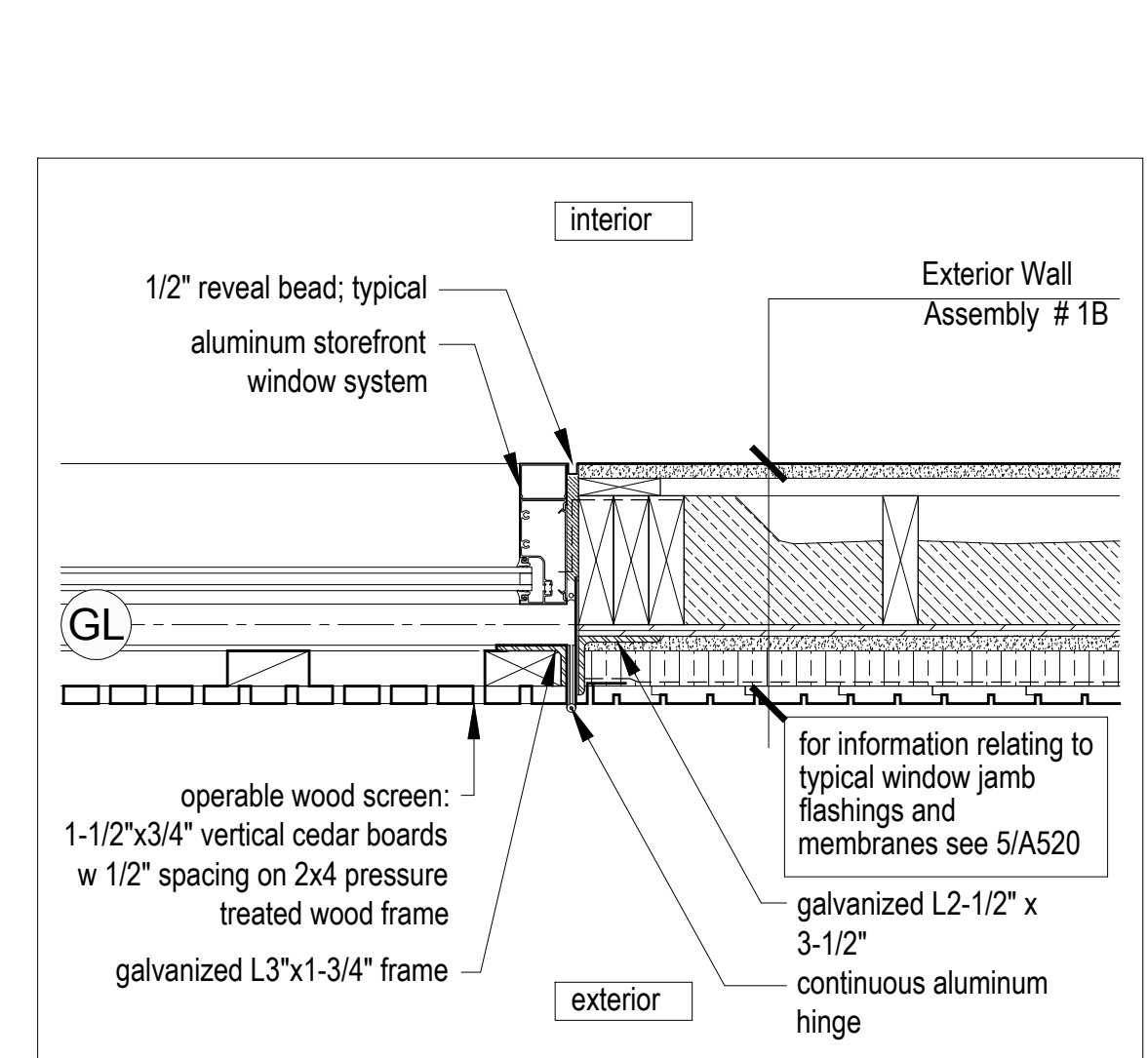
5 Plan Detail Scale 1 1/2" = 1'-0"



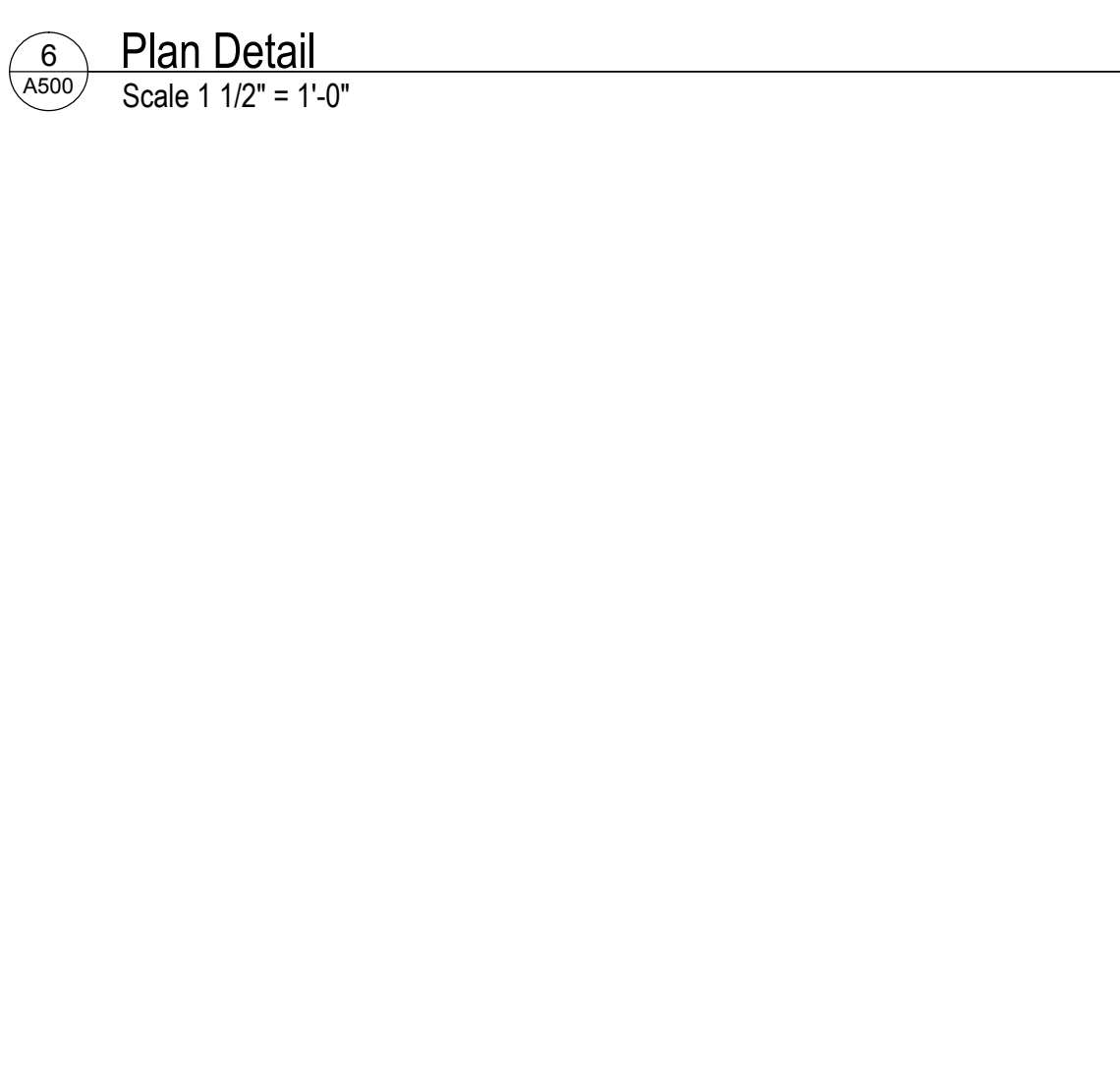
4 Plan Detail Scale 1 1/2" = 1'-0"



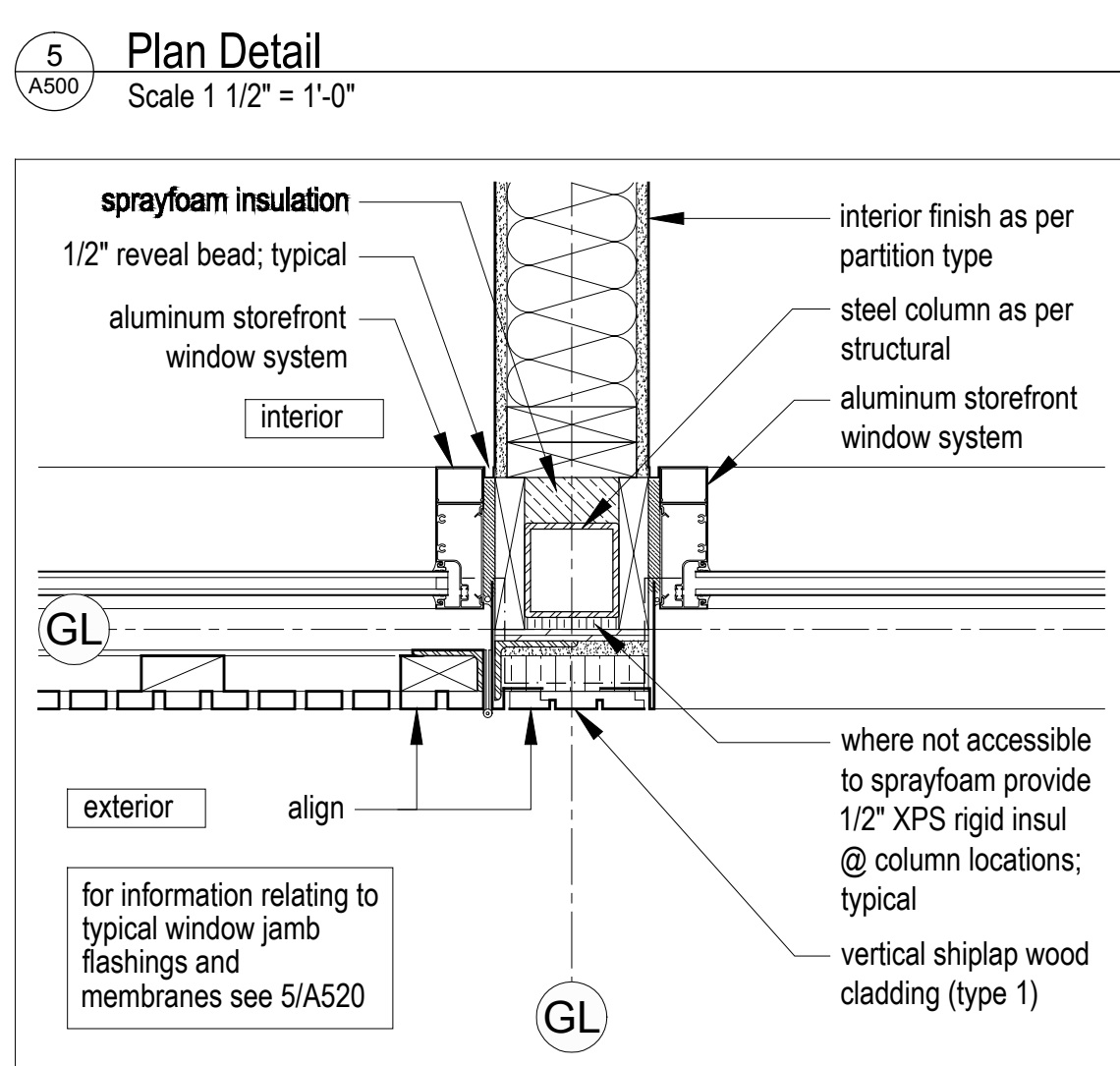
3 Plan Detail Scale 1 1/2" = 1'-0"



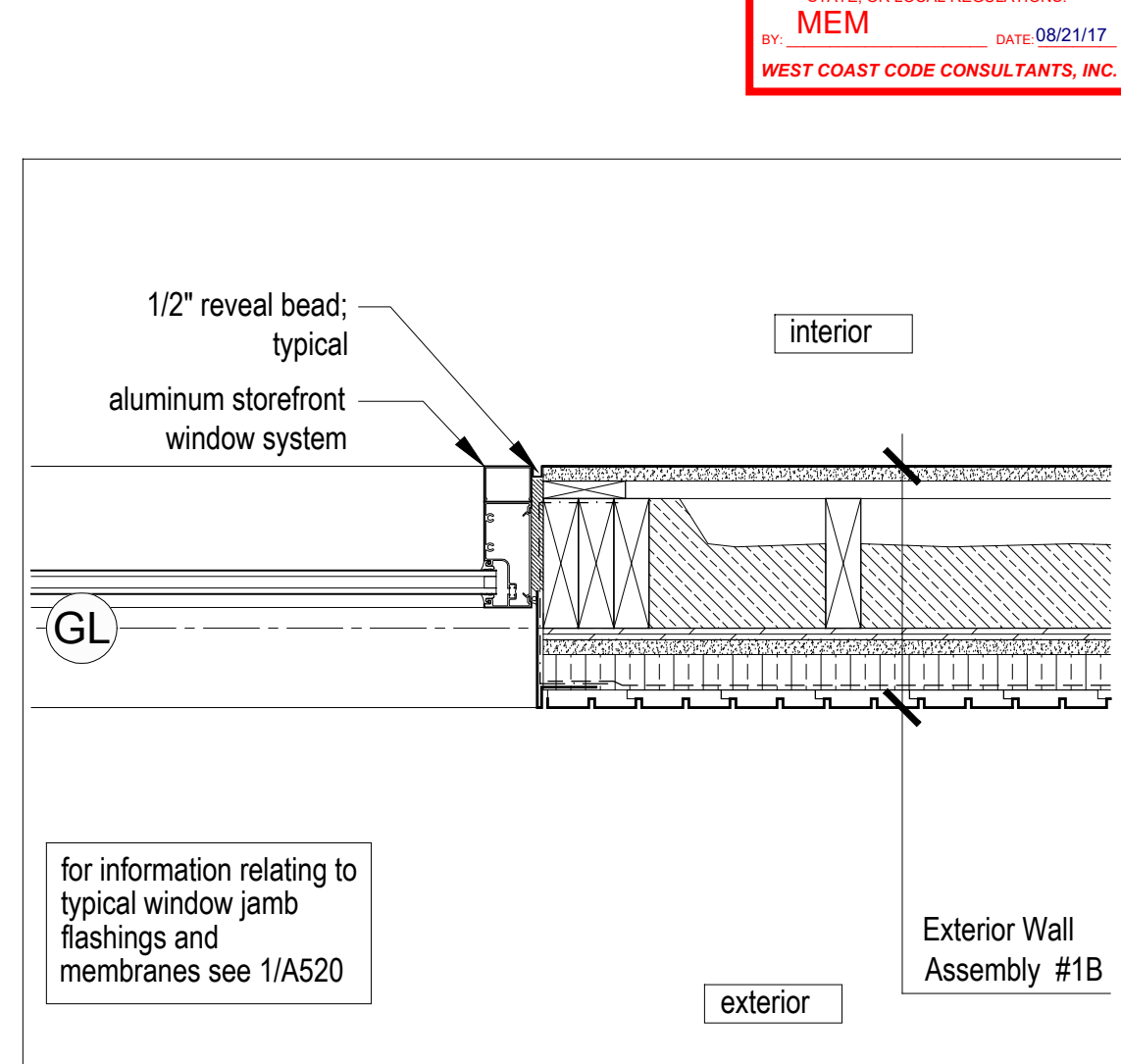
2 Plan Detail Scale 1 1/2" = 1'-0"



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



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



1 Plan Detail 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  
 PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE OR LOCAL REGULATIONS.  
 BY: MEM DATE: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

**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 International Residential Code.

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

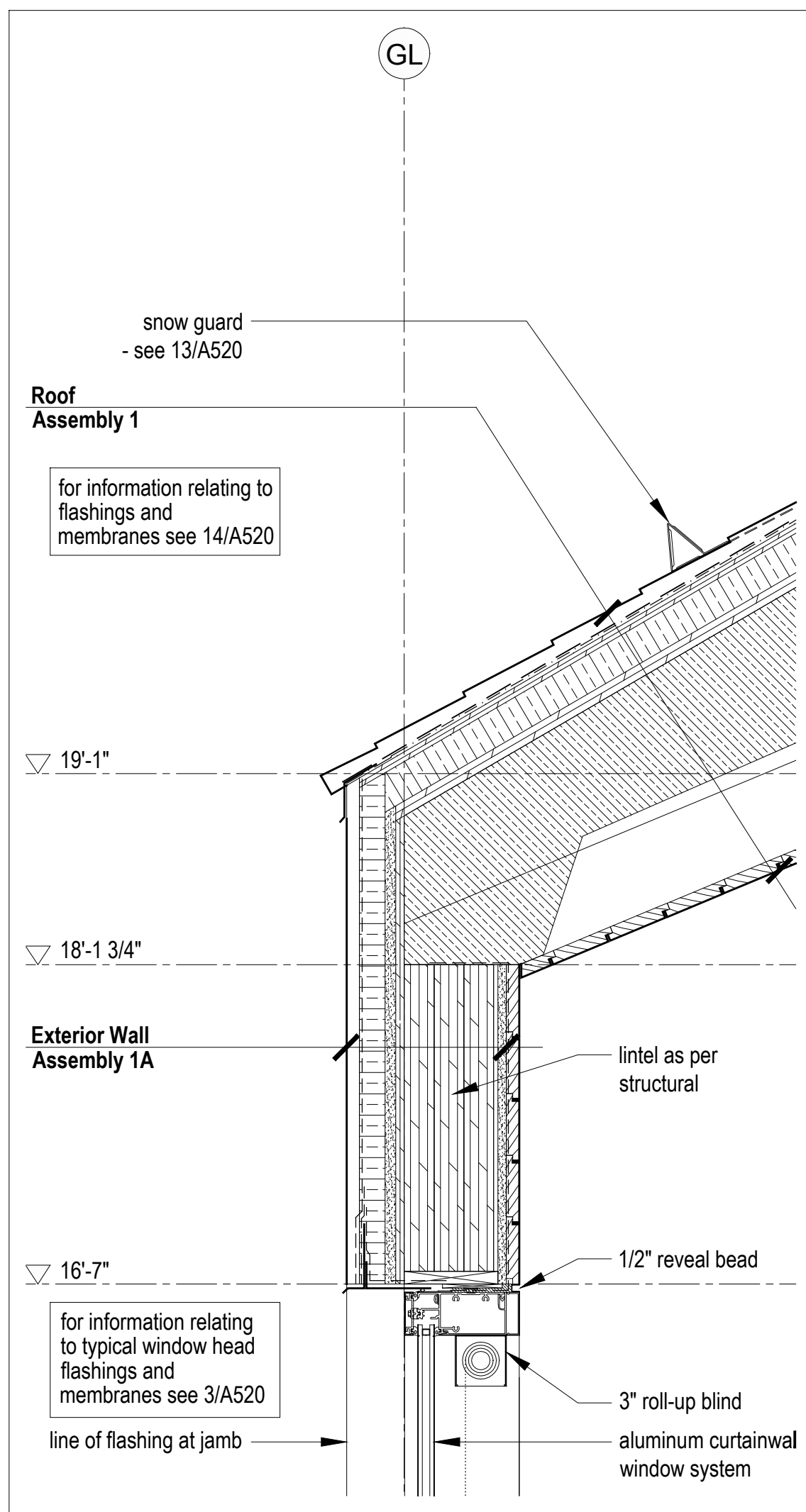
**Cabin 2500**

**Plan Details**

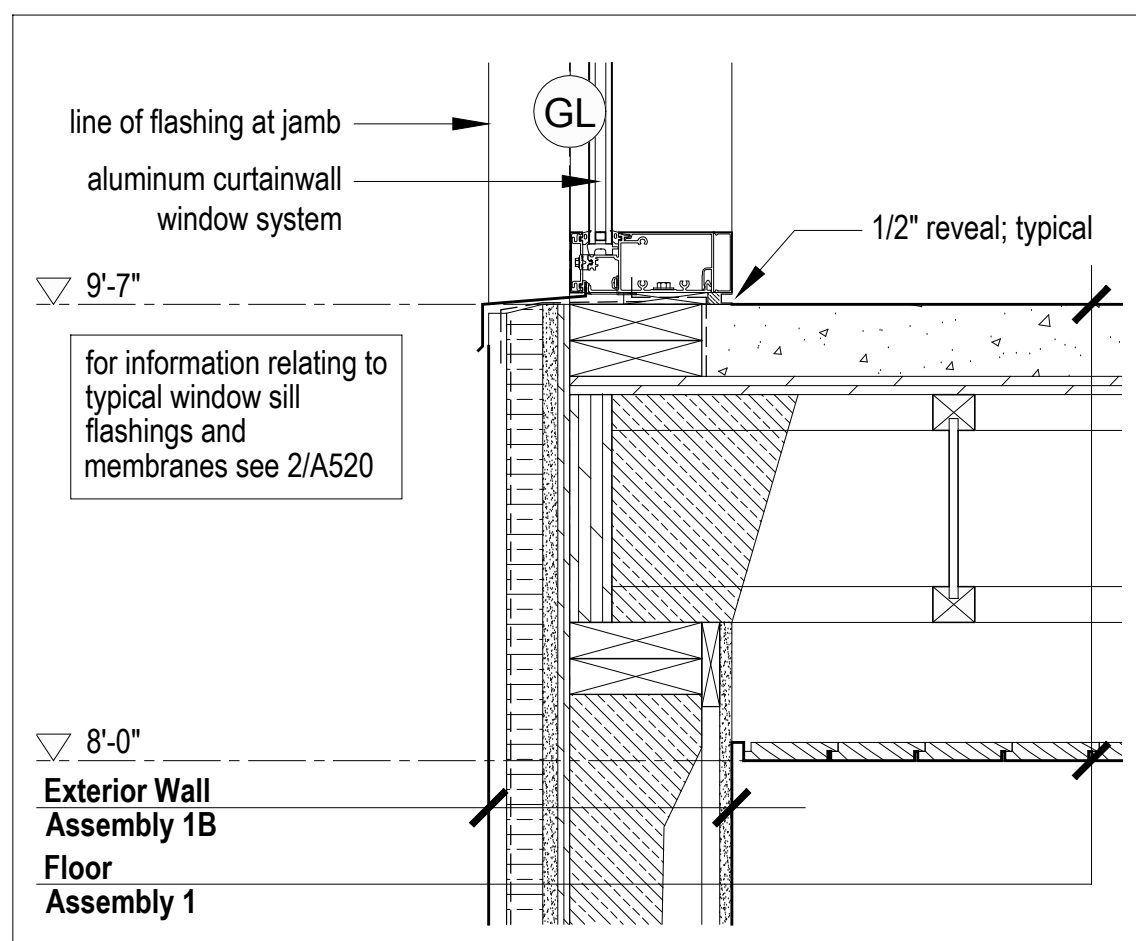
scale: 1 1/2" = 1'-0"  
 date: 16-05-02  
 drawn: MJDP  
 ch'g'd: BML

**A500**

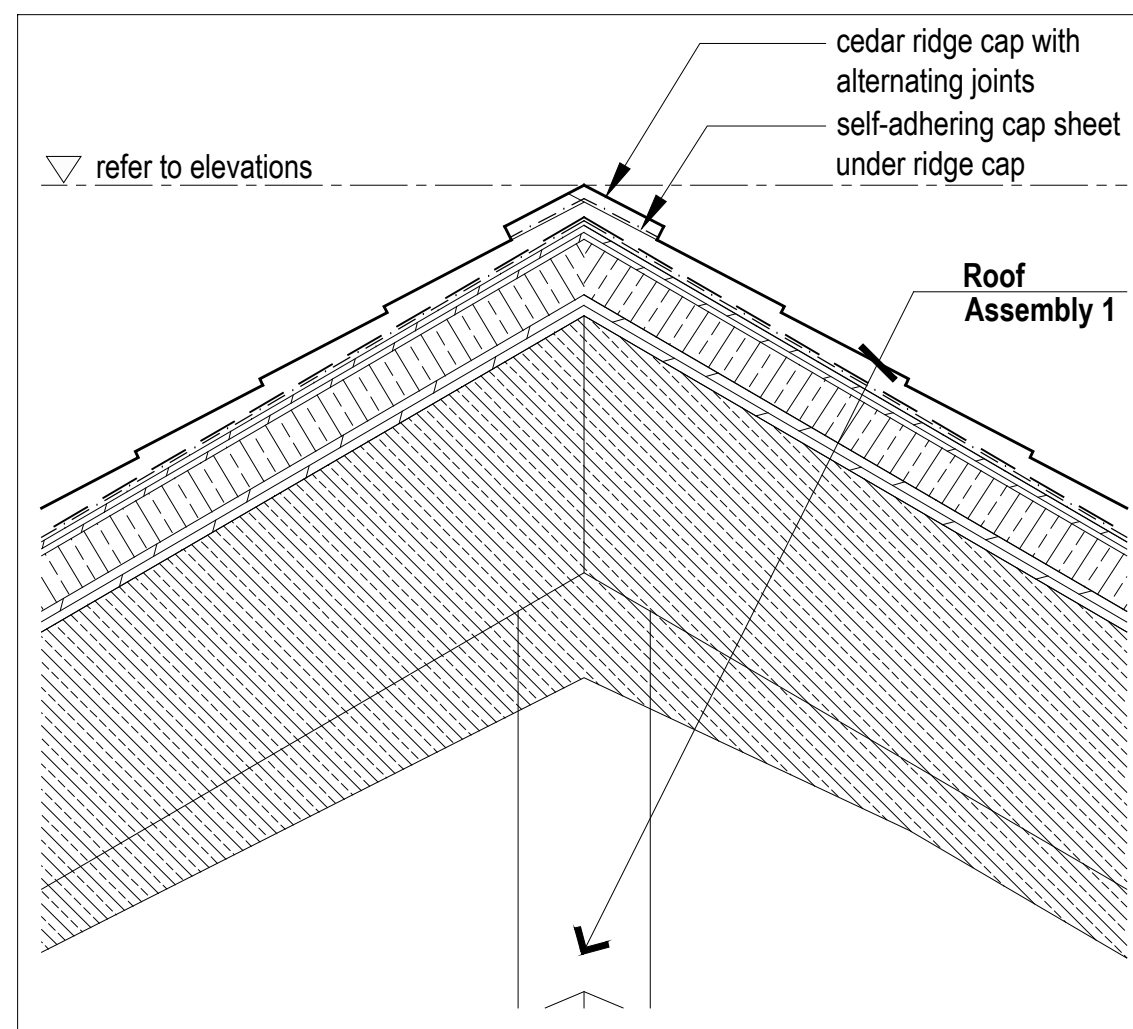




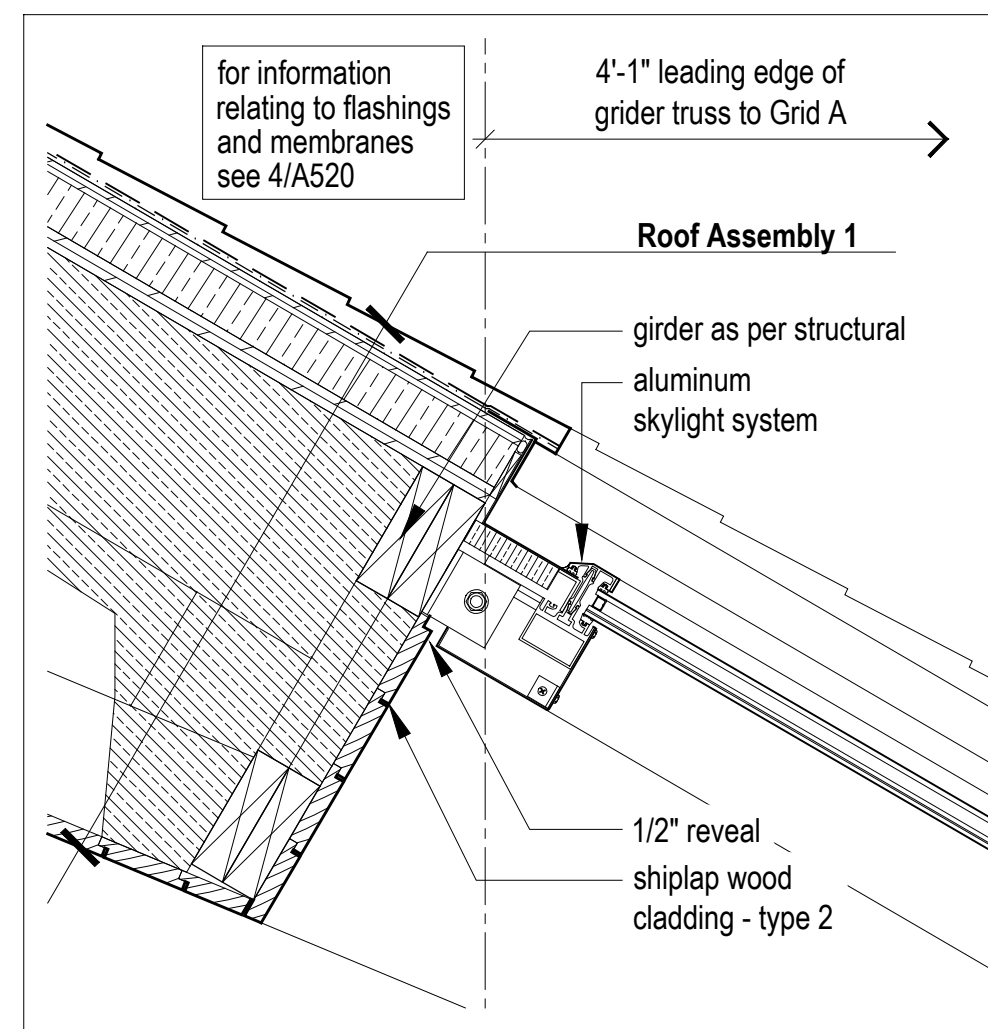
8  
A510  
Typical Eave and Window Head Detail  
Scale 1 1/2" = 1'-0"



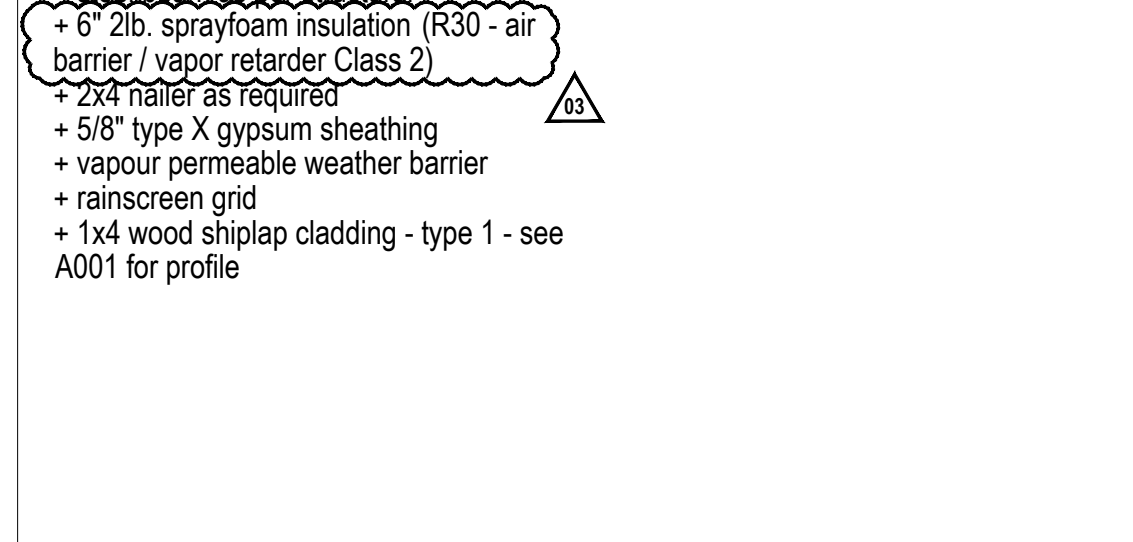
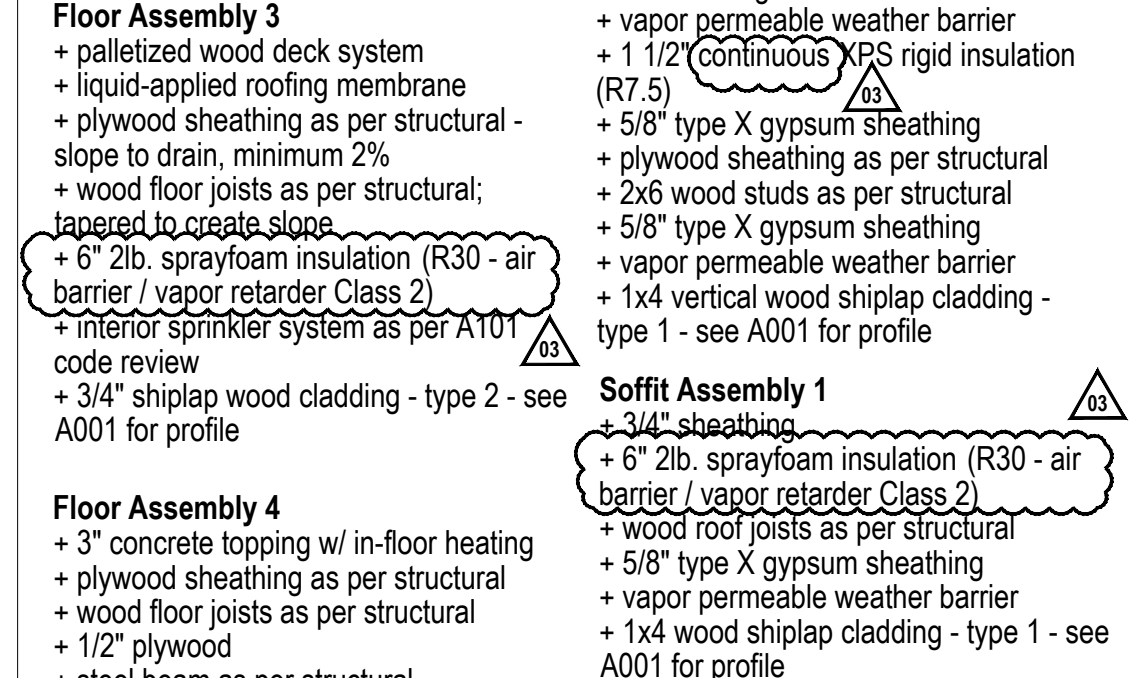
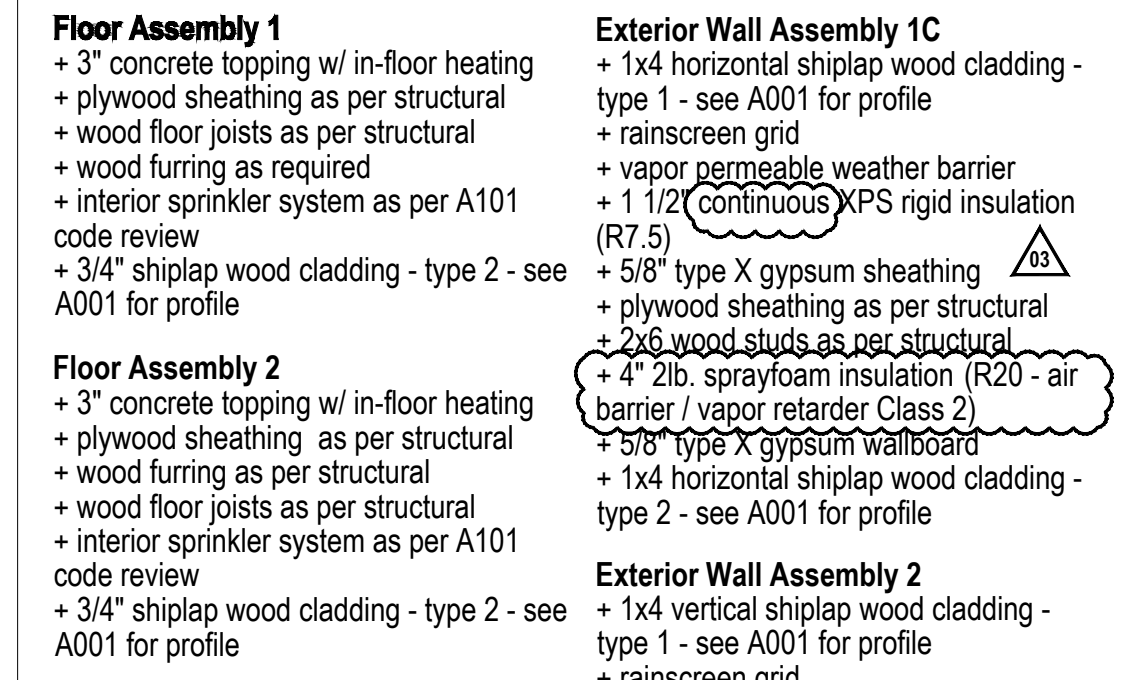
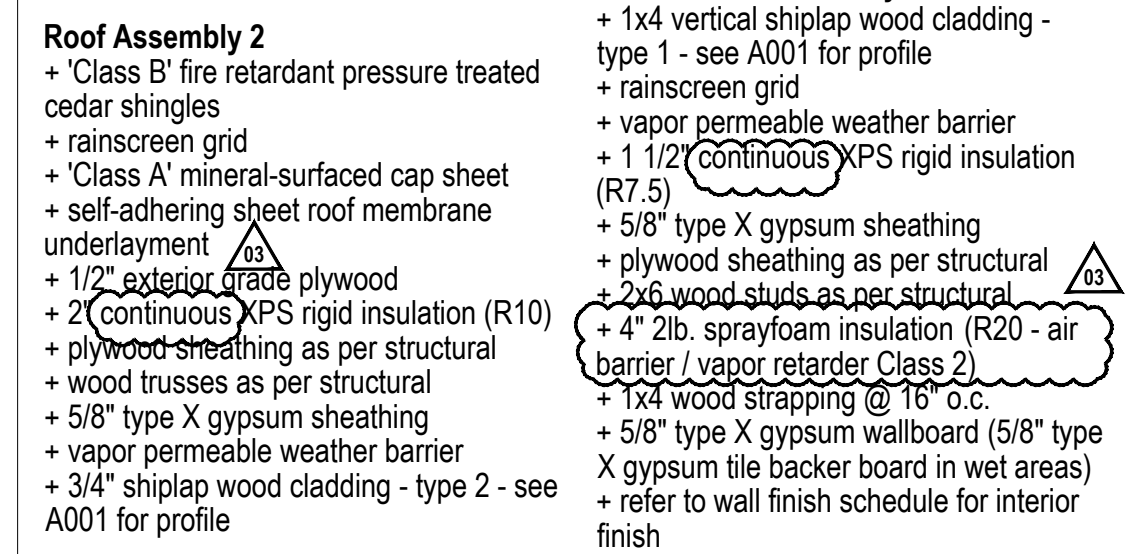
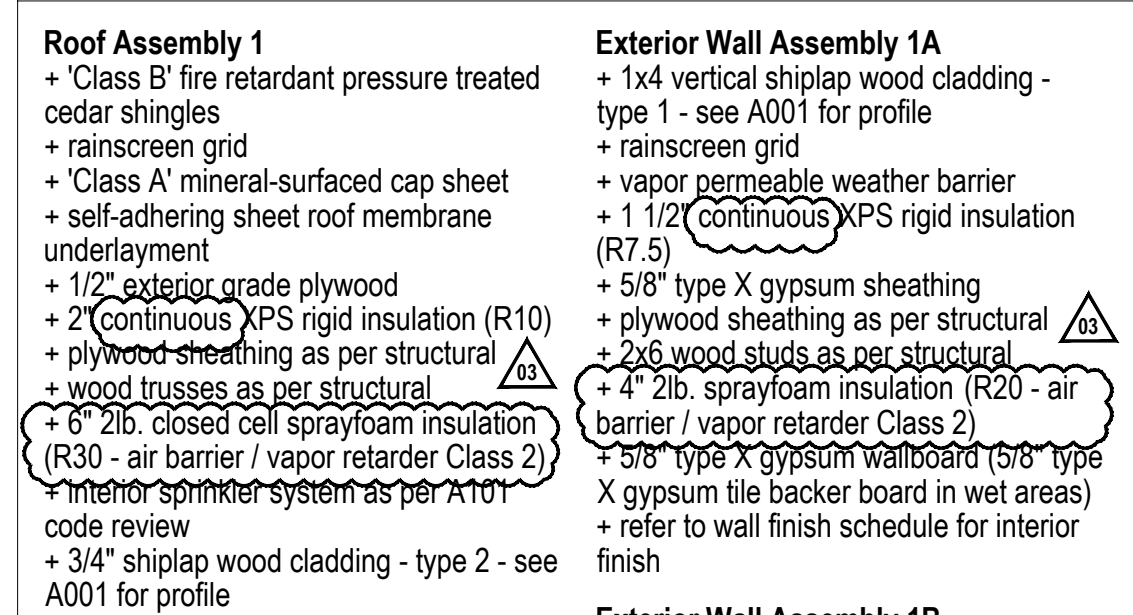
7  
A510  
Typical Window Sill Detail  
Scale 1 1/2" = 1'-0"



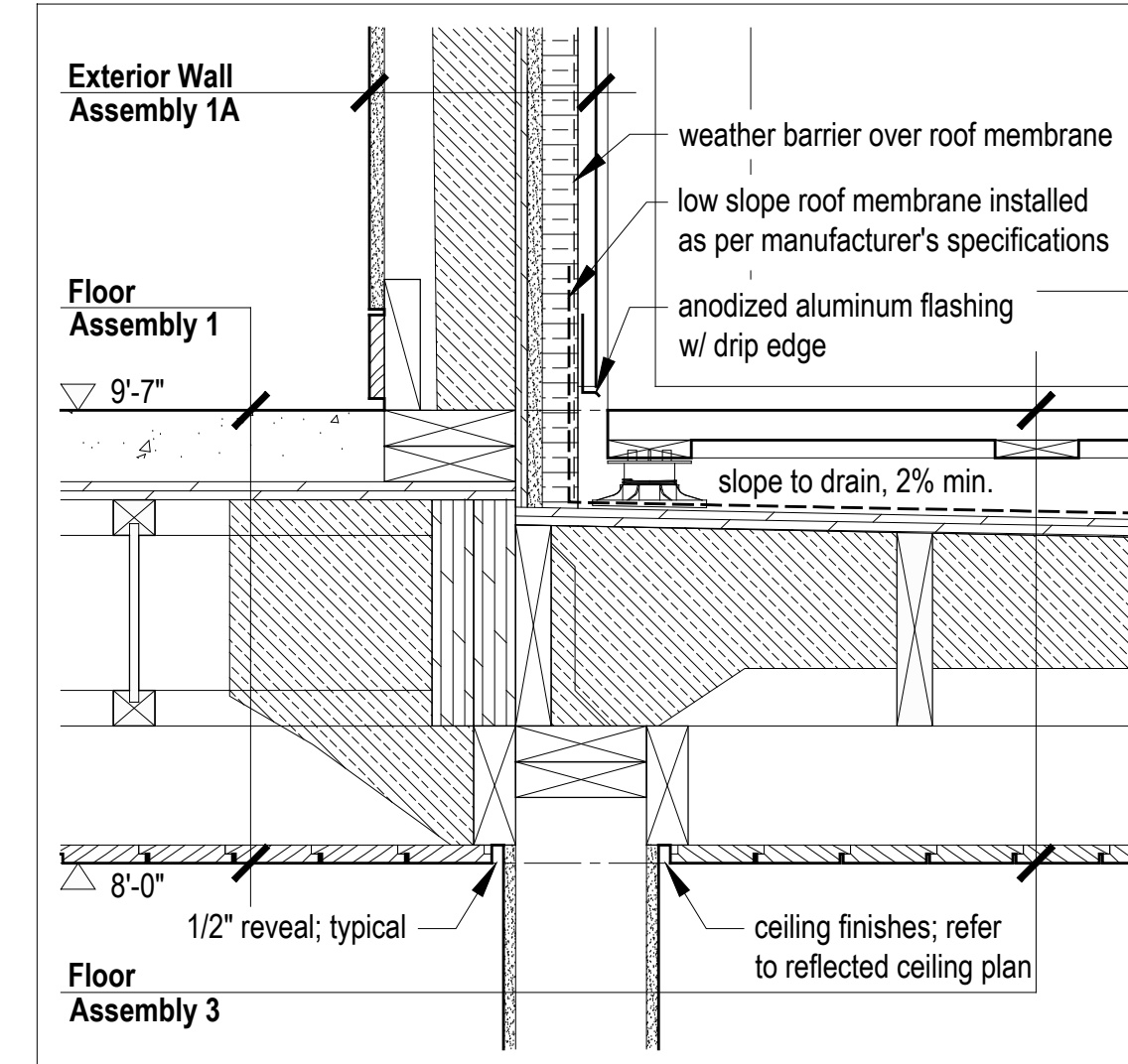
6  
A510  
Typical Section Detail @ Vented Ridge  
Scale 1 1/2" = 1'-0"



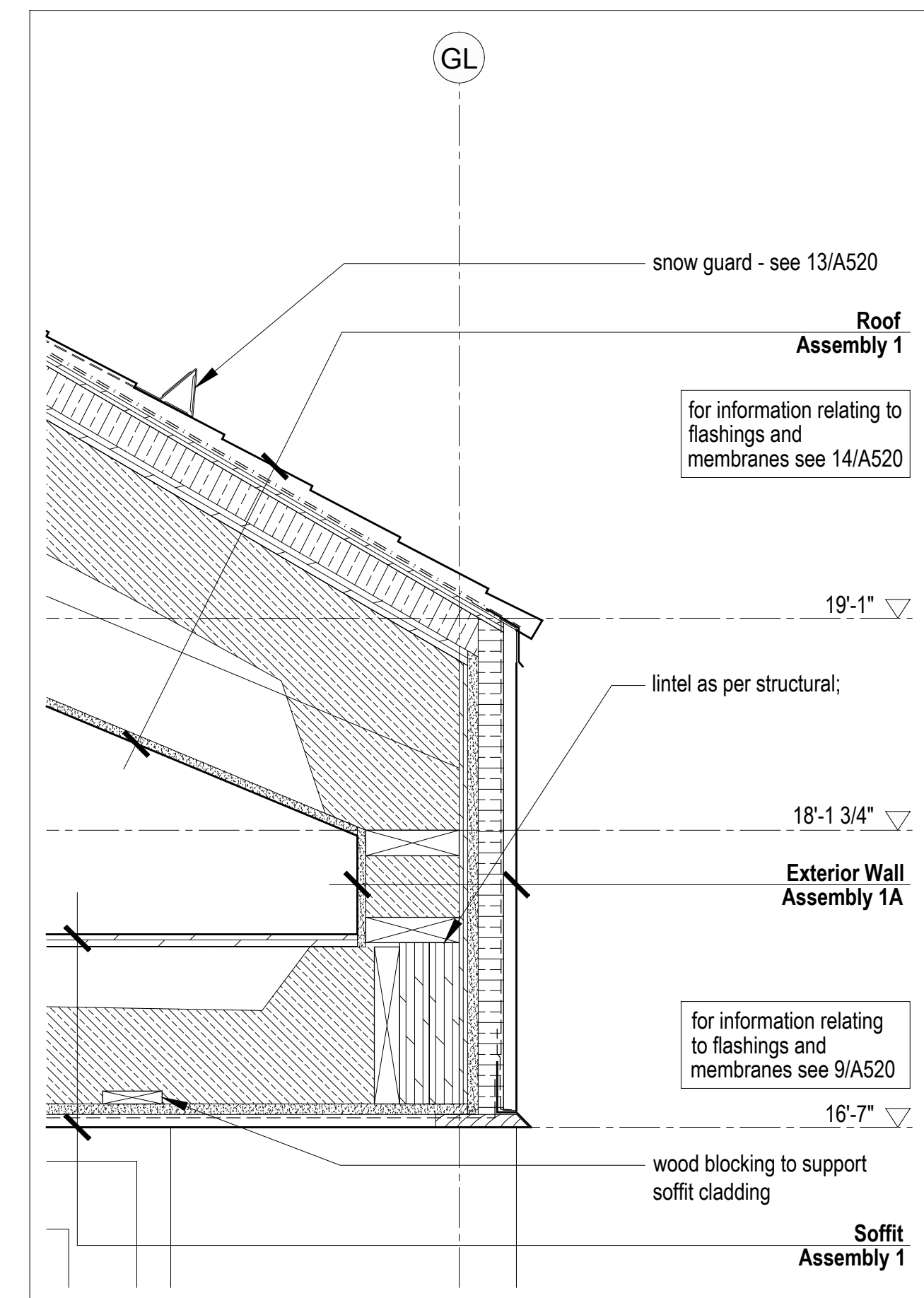
5  
A510  
Head Detail at Skylight Window  
Scale 1 1/2" = 1'-0"



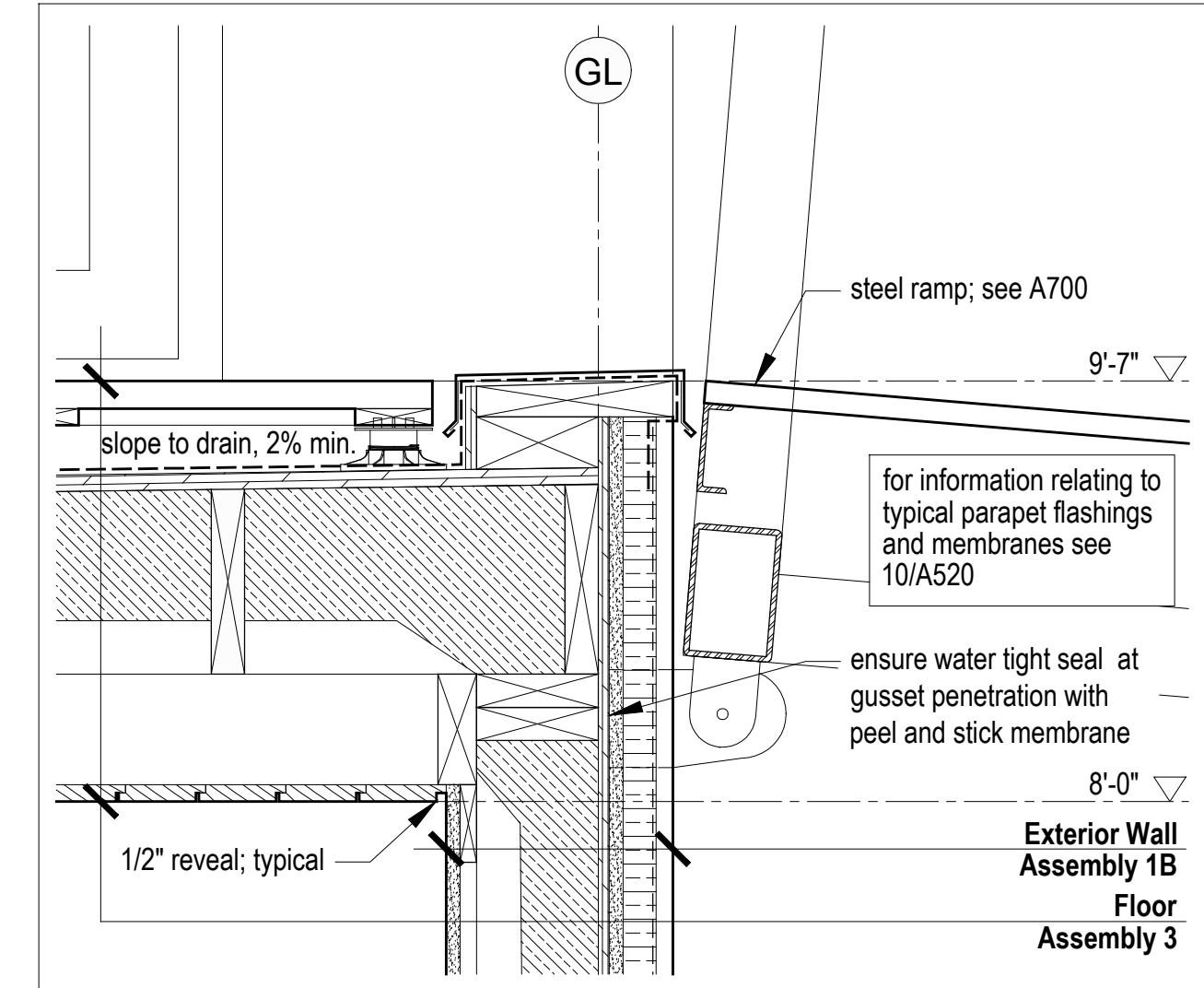
Assemblies  
Scale NTS



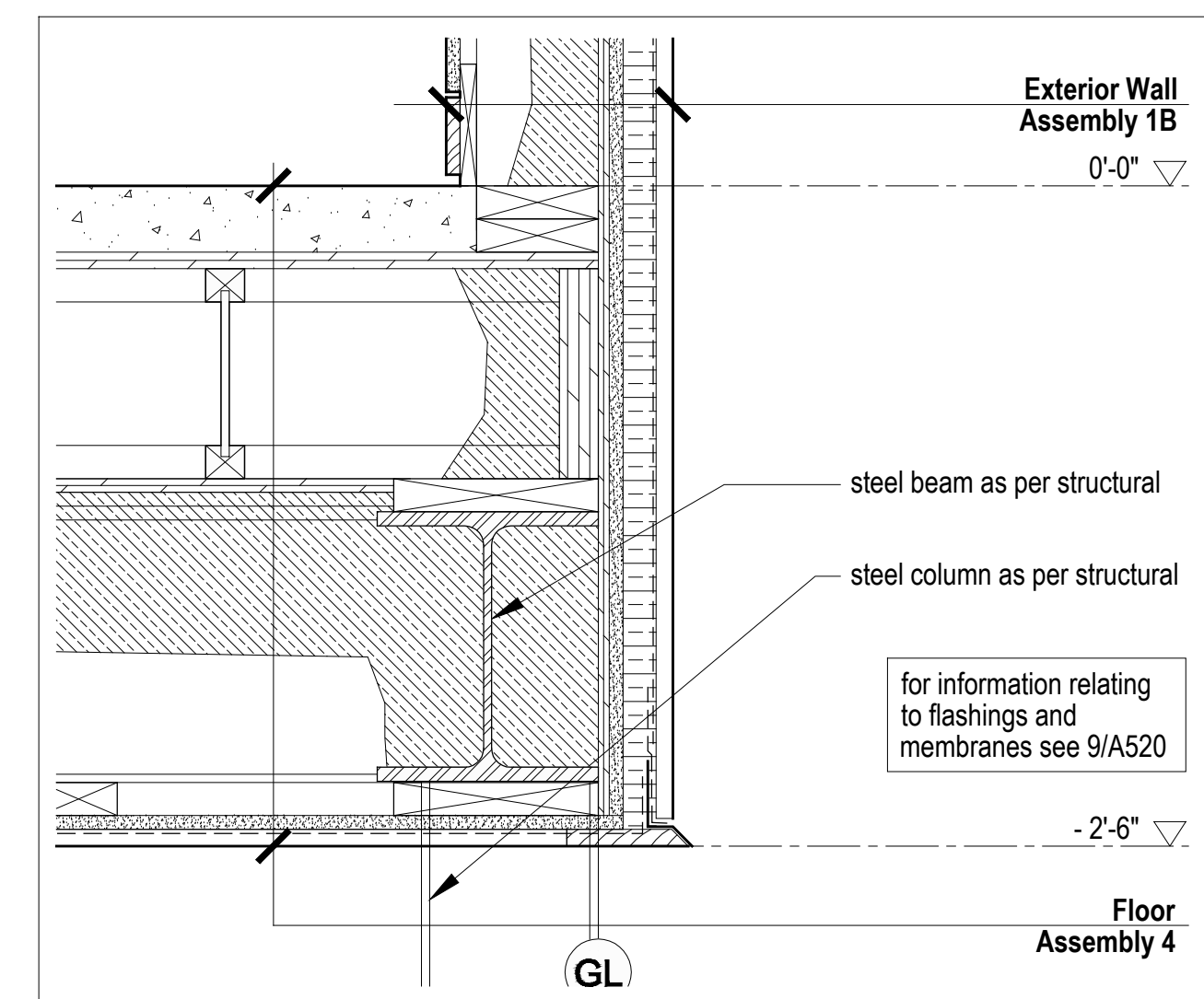
4  
A510  
Section Detail at Exterior Wall and Entry Porch  
Scale 1 1/2" = 1'-0"



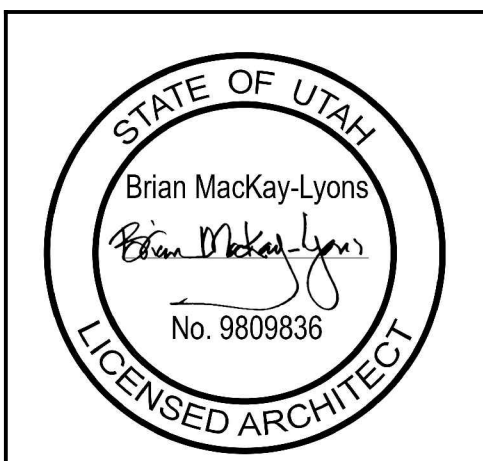
3  
A510  
Section Detail @ Entry Porch Soffit  
Scale 1 1/2" = 1'-0"



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



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



**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.

MEM 08/21/17

WEST COAST CODE CONSULTANTS, INC.

No.	Description	Date
03	Issued for Const. Rev. 2	14.08.2017
02	Issued for Const. Rev. 1	14.07.2017
01	Issued for Construction	01.02.2017

Revision:

**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 MackKay-Lyons Sweetapple Architects Ltd. and to seek prior written approval for materials and workmanship which deviates from instructions provided by the Architect.

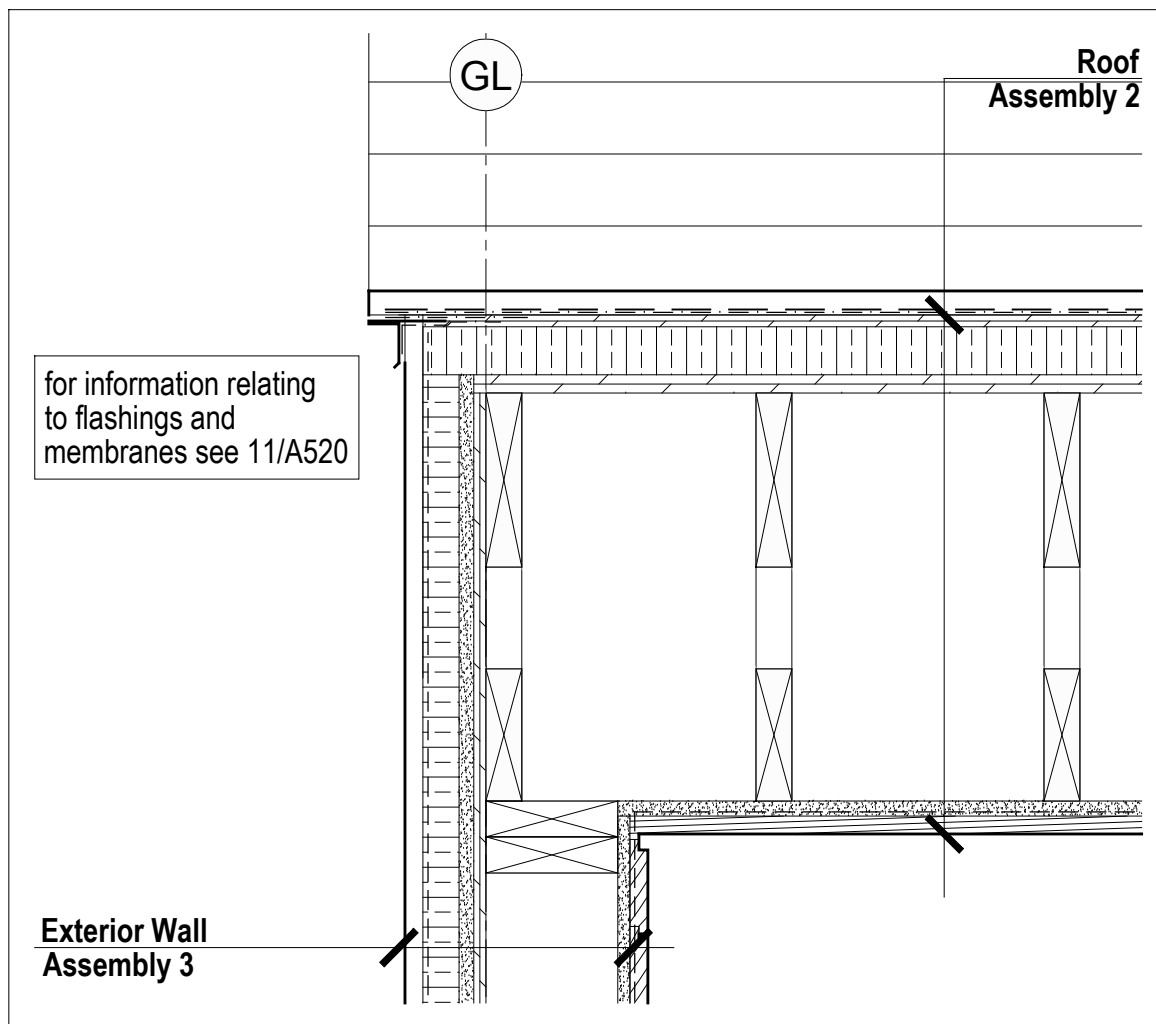
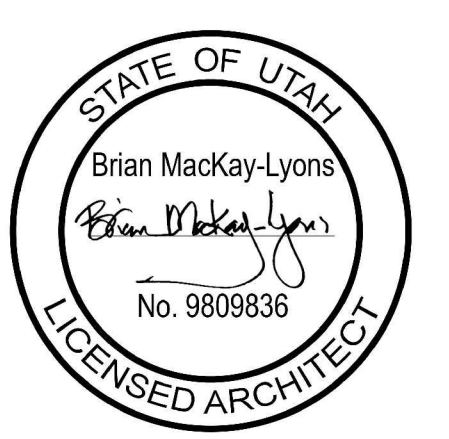
**ENGINEER'S REQUIREMENTS AND APPROVALS:**  
It is the Builder's responsibility to notify MackKay-Lyons Sweetapple Architects Ltd. and to seek prior written approval for materials and workmanship which deviates from instructions provided by the Engineer.

**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.

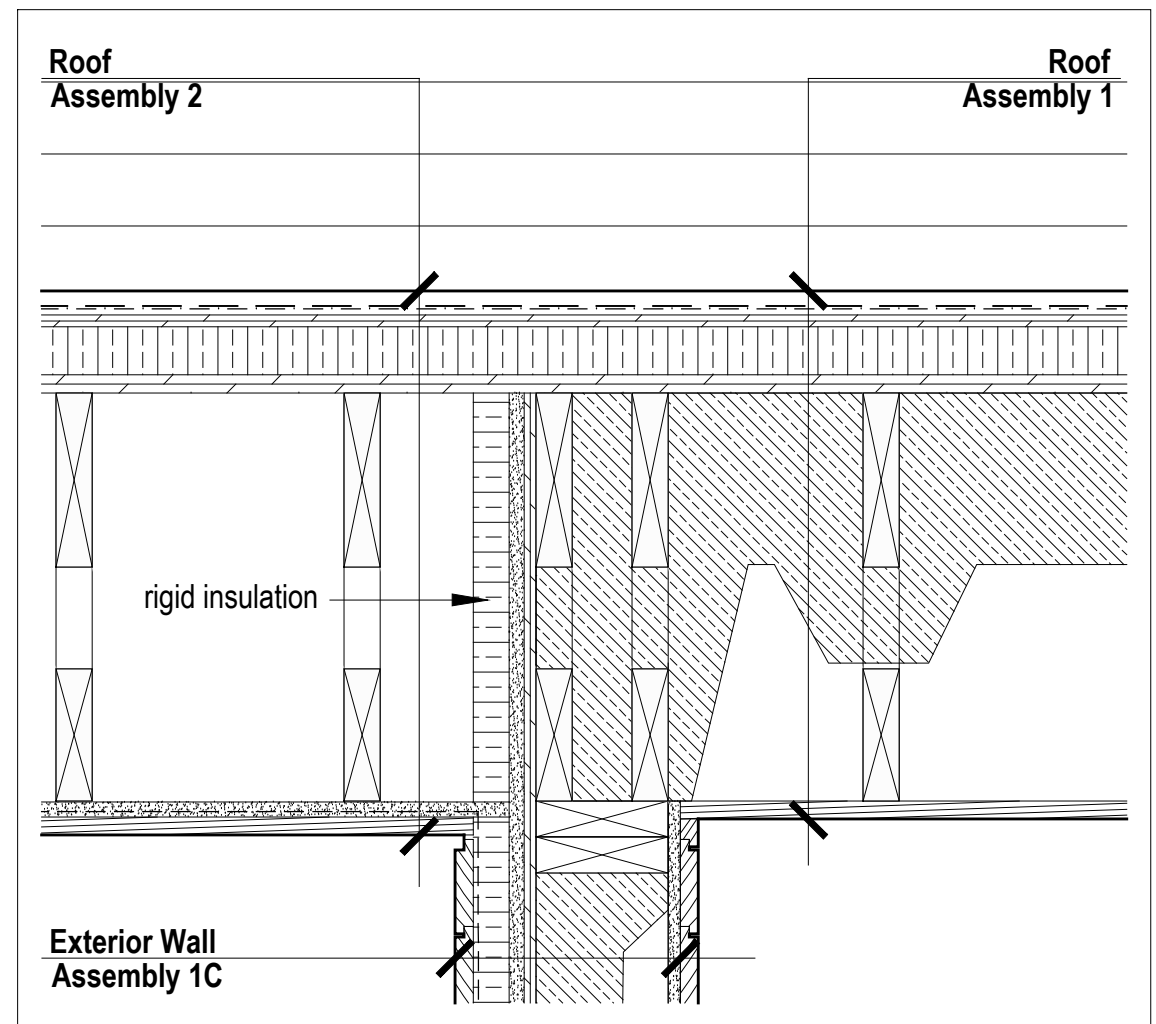
**DIMENSIONS:**  
All dimensions must be verified on site. Do not scale off drawings. Plans take precedent over elevations. In the absence of dimensions, or if discrepancies exist, consult Architect. All minimum dimensions are to comply with the International Residential Code.

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

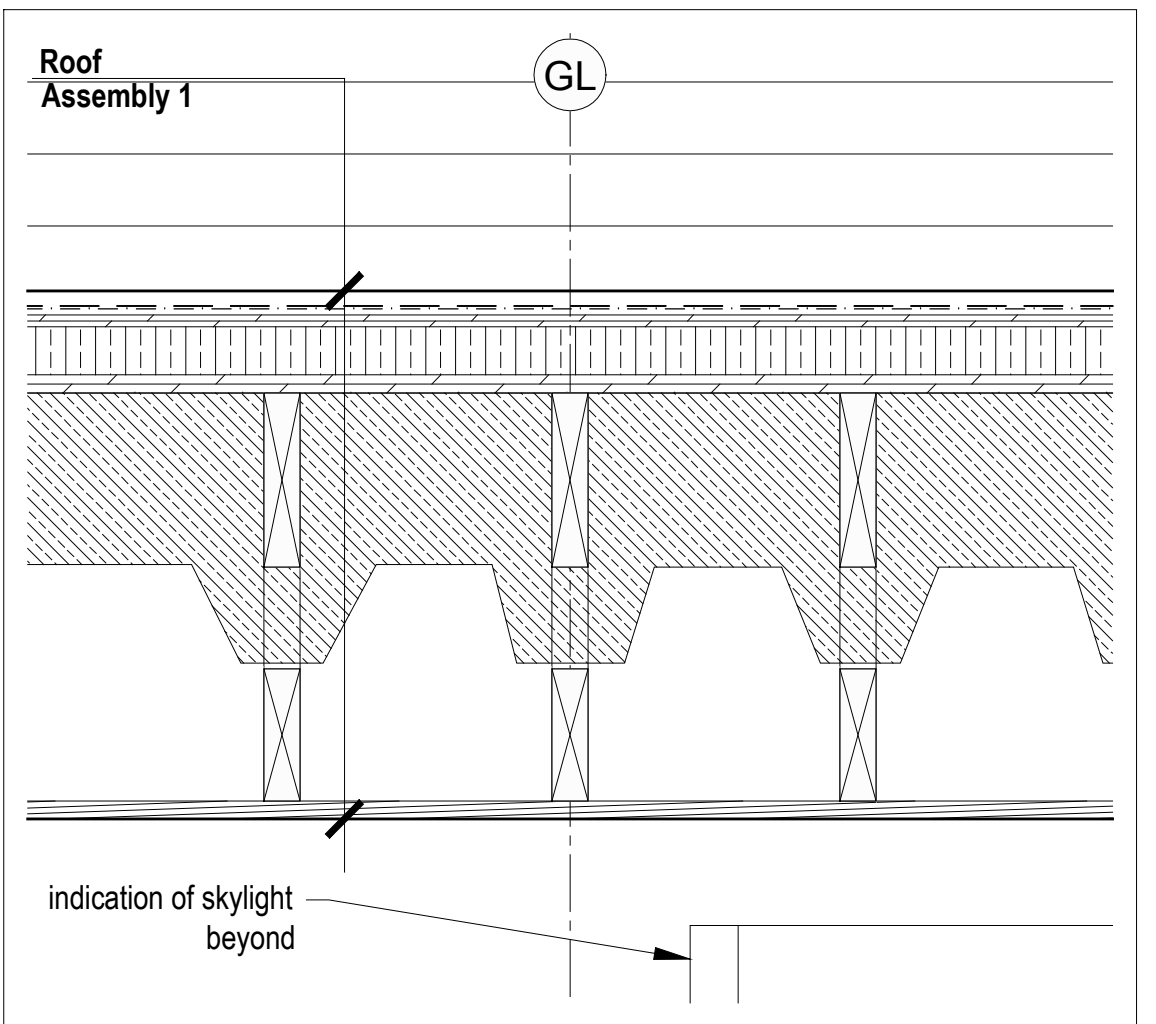




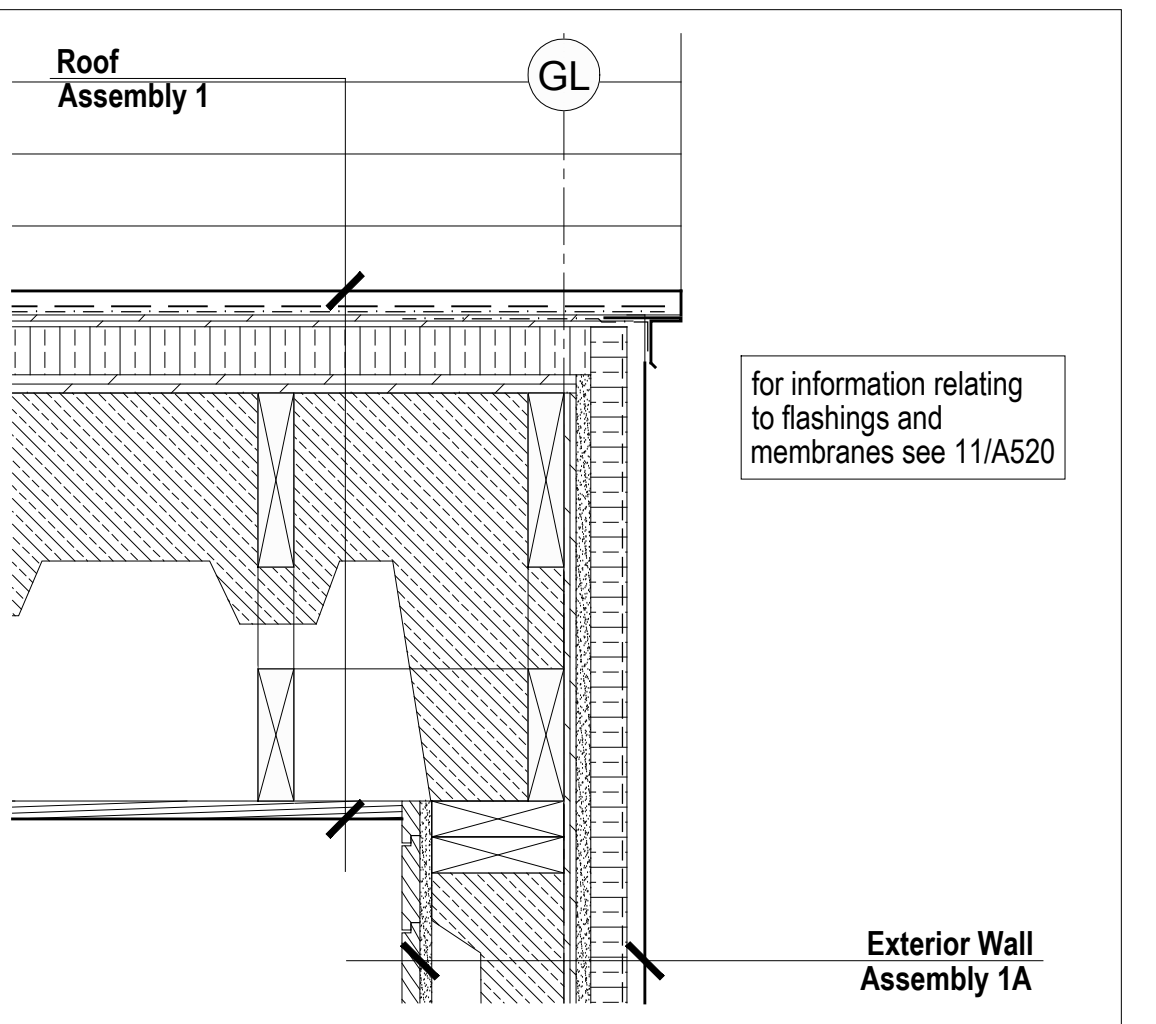
13 A511 Rake Detail @ Covered Porch Scale 1 1/2" = 1'-0"



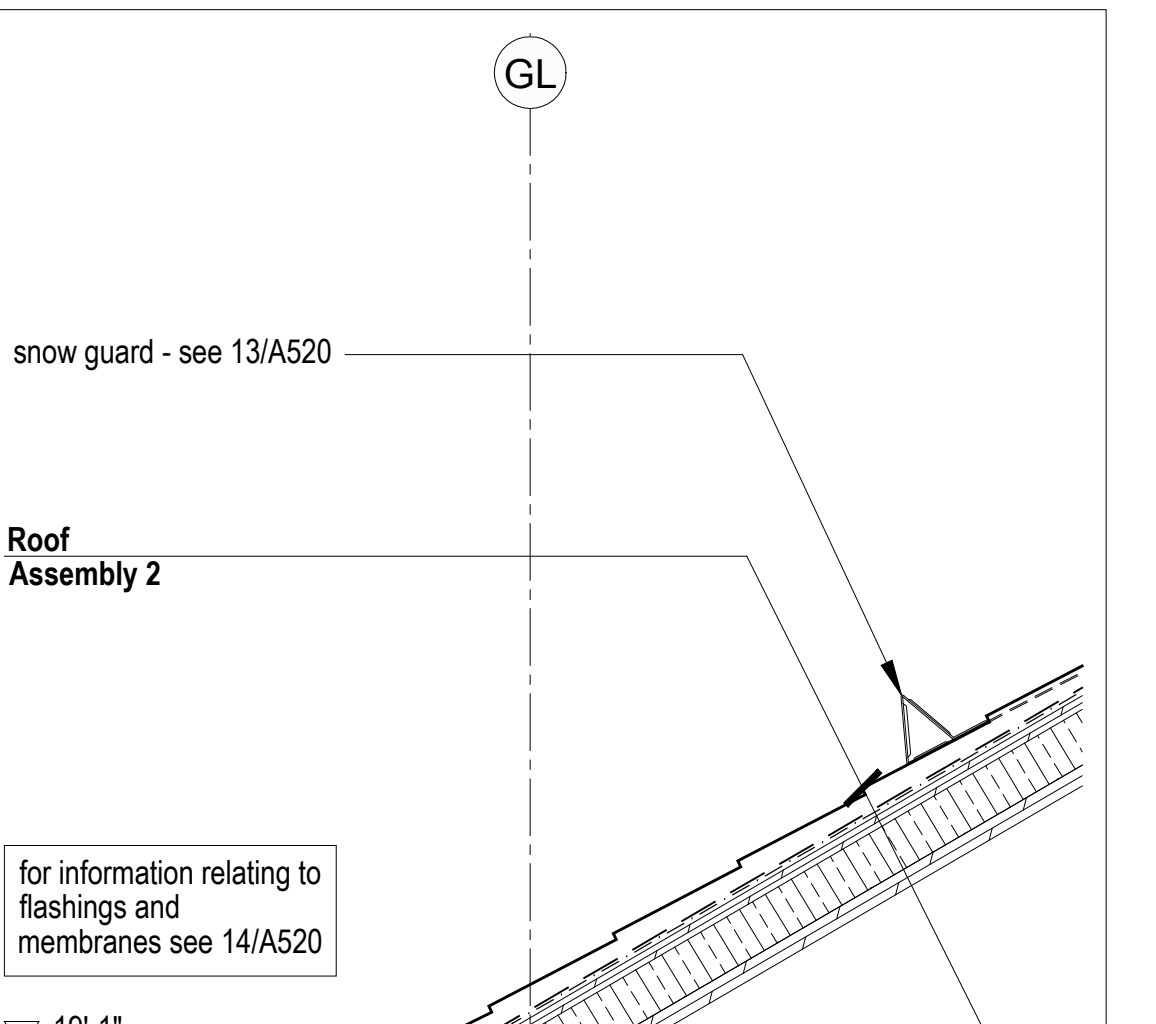
11 A511 Section Detail @ Exterior Wall and Covered Porch Scale 1 1/2" = 1'-0"



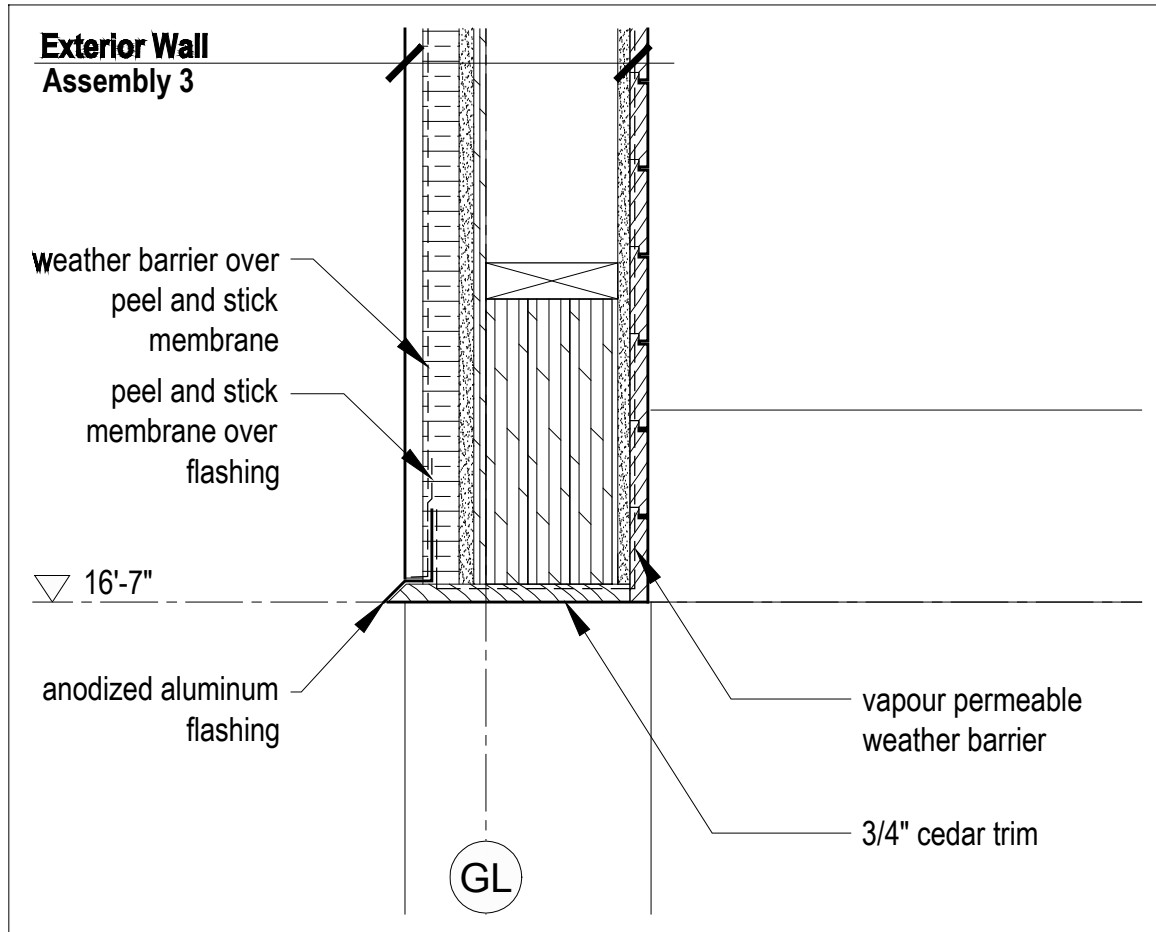
8 A511 Typical Section Detail @ Ceiling and Steel Truss Scale 1 1/2" = 1'-0"



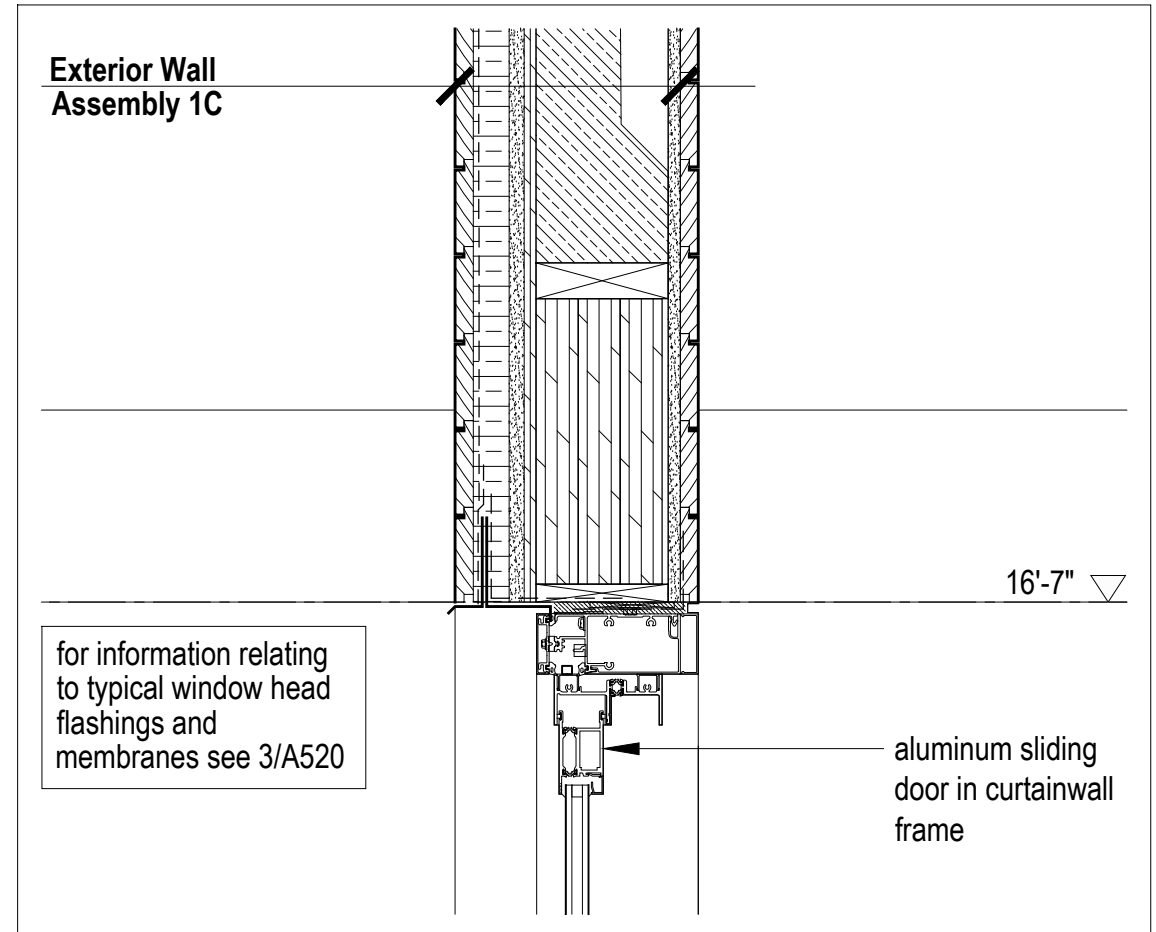
5 A511 Typical Rake Detail Scale 1 1/2" = 1'-0"



19'-1" for information relating to flashings and membranes see 14/A520



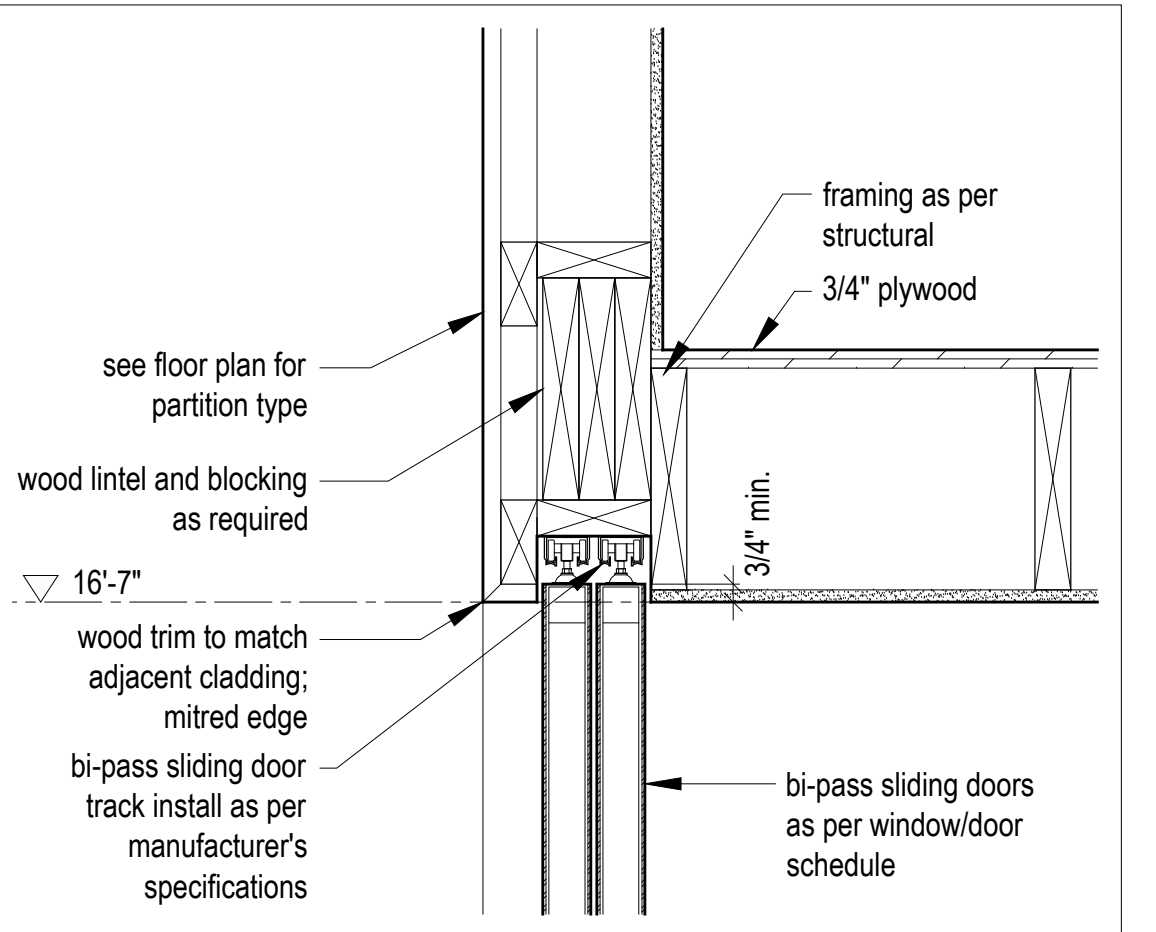
12 A511 Section Detail @ Covered Porch Scale 1 1/2" = 1'-0"



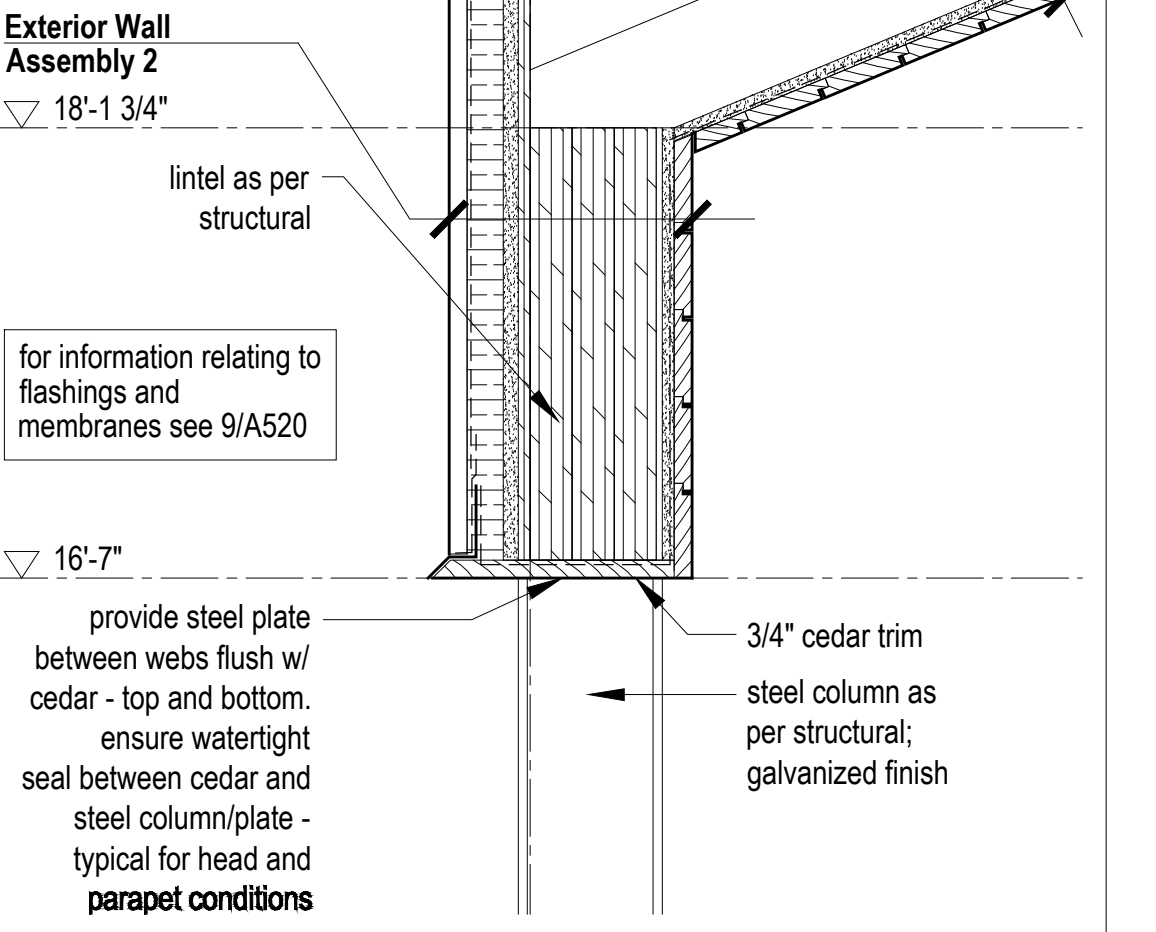
10 A511 Window Head Detail Scale 1 1/2" = 1'-0"



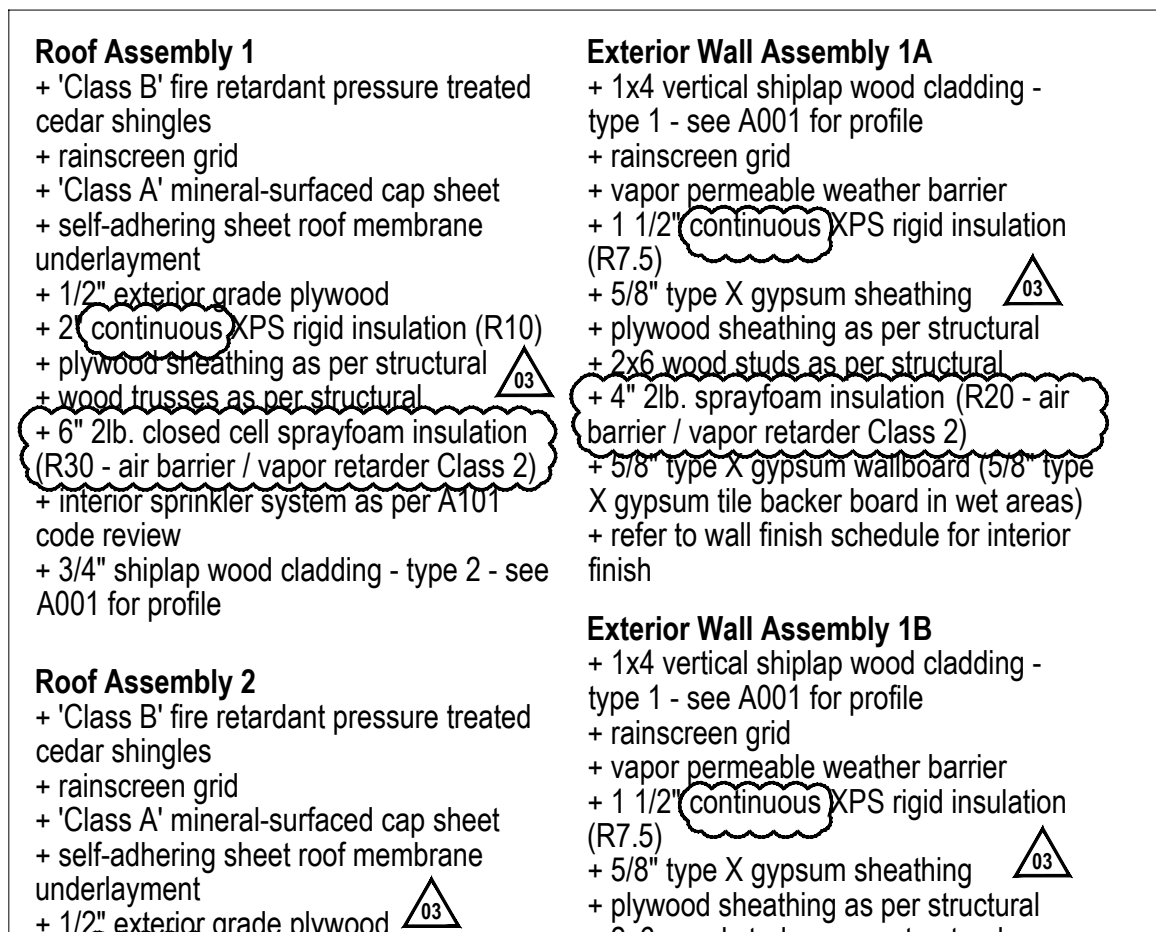
4 A511 Head Detail @ Interior Bi-pass Doors Scale 1 1/2" = 1'-0"



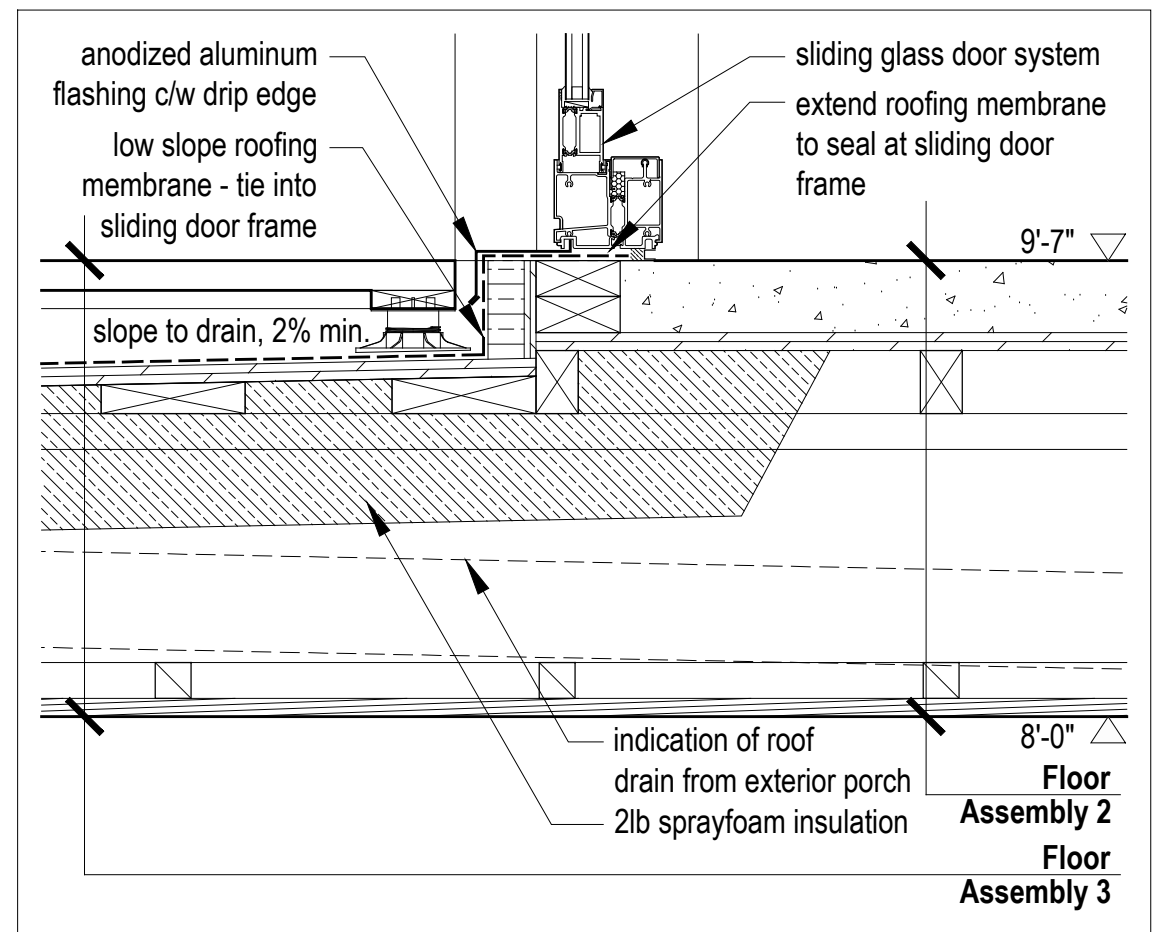
2 A511 Eave Detail @ Covered Porch Scale 1 1/2" = 1'-0"



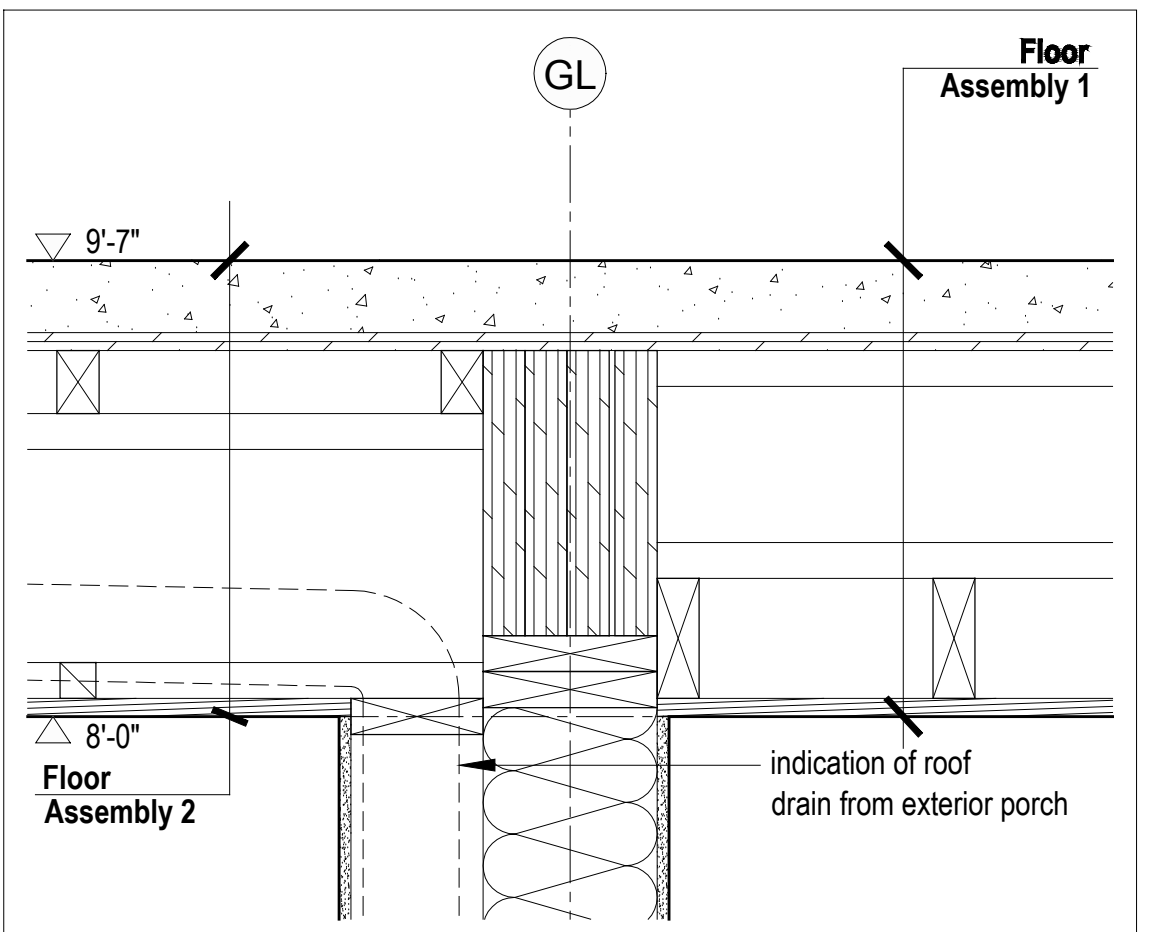
18'-1 3/4" for information relating to flashings and membranes see 9/A520



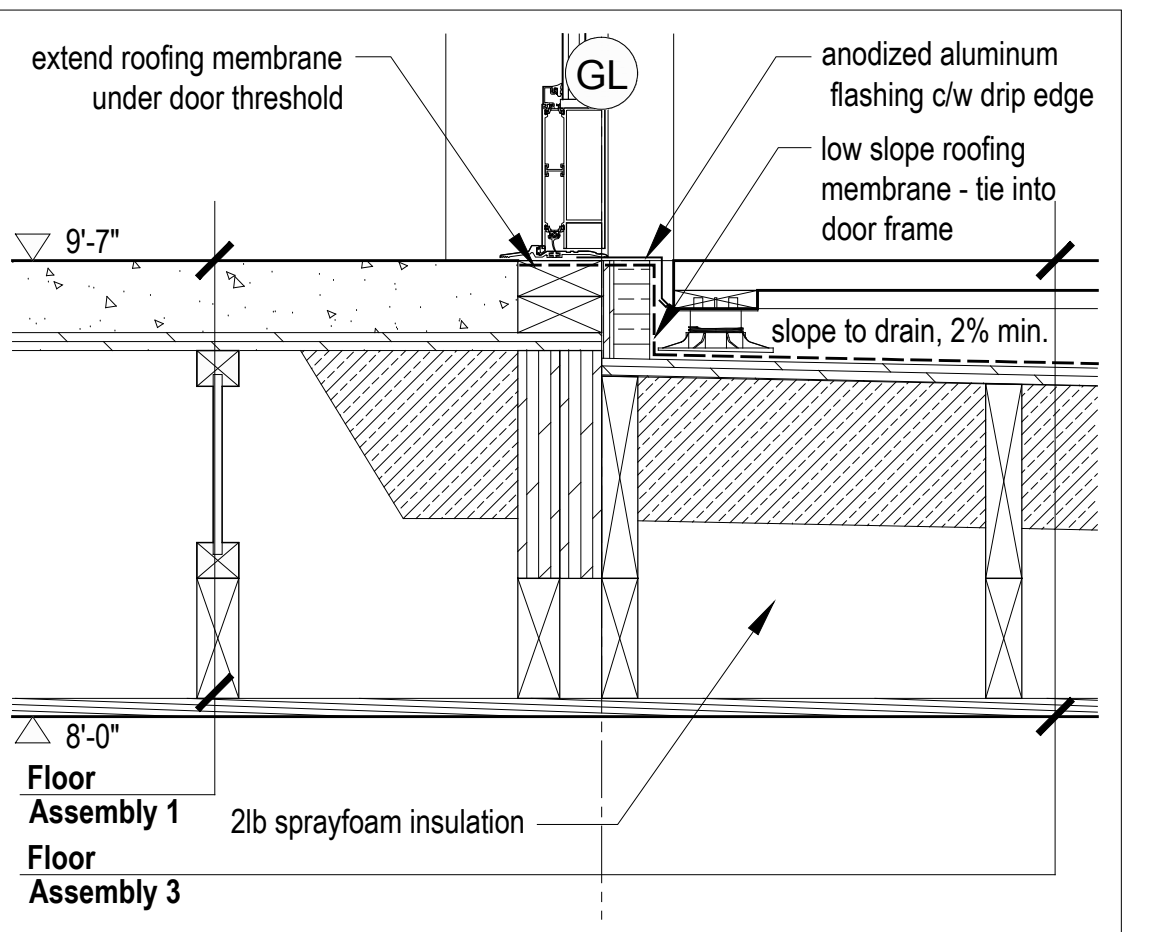
10 A511 Section Detail @ Covered Porch Scale 1 1/2" = 1'-0"



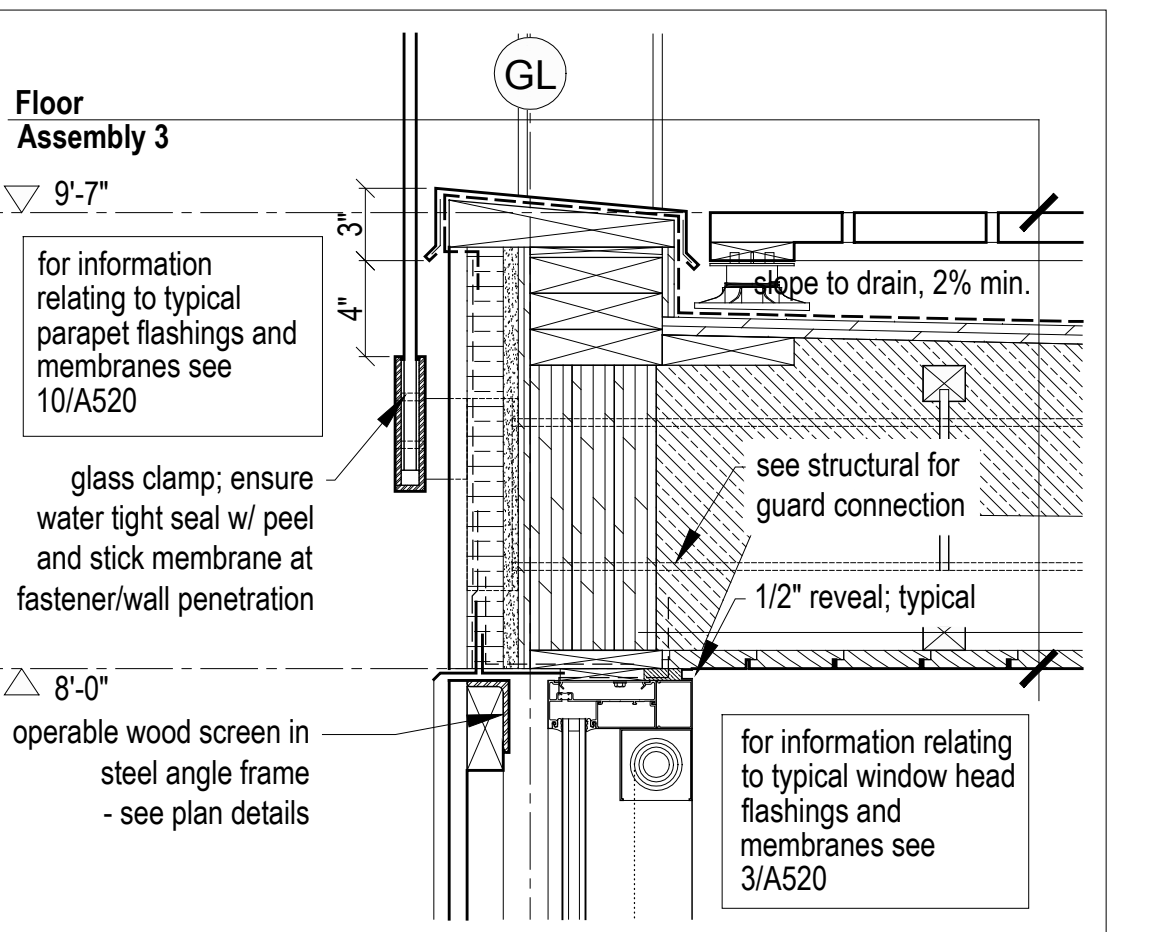
9 A511 Threshold Detail @ Covered Porch Scale 1 1/2" = 1'-0"



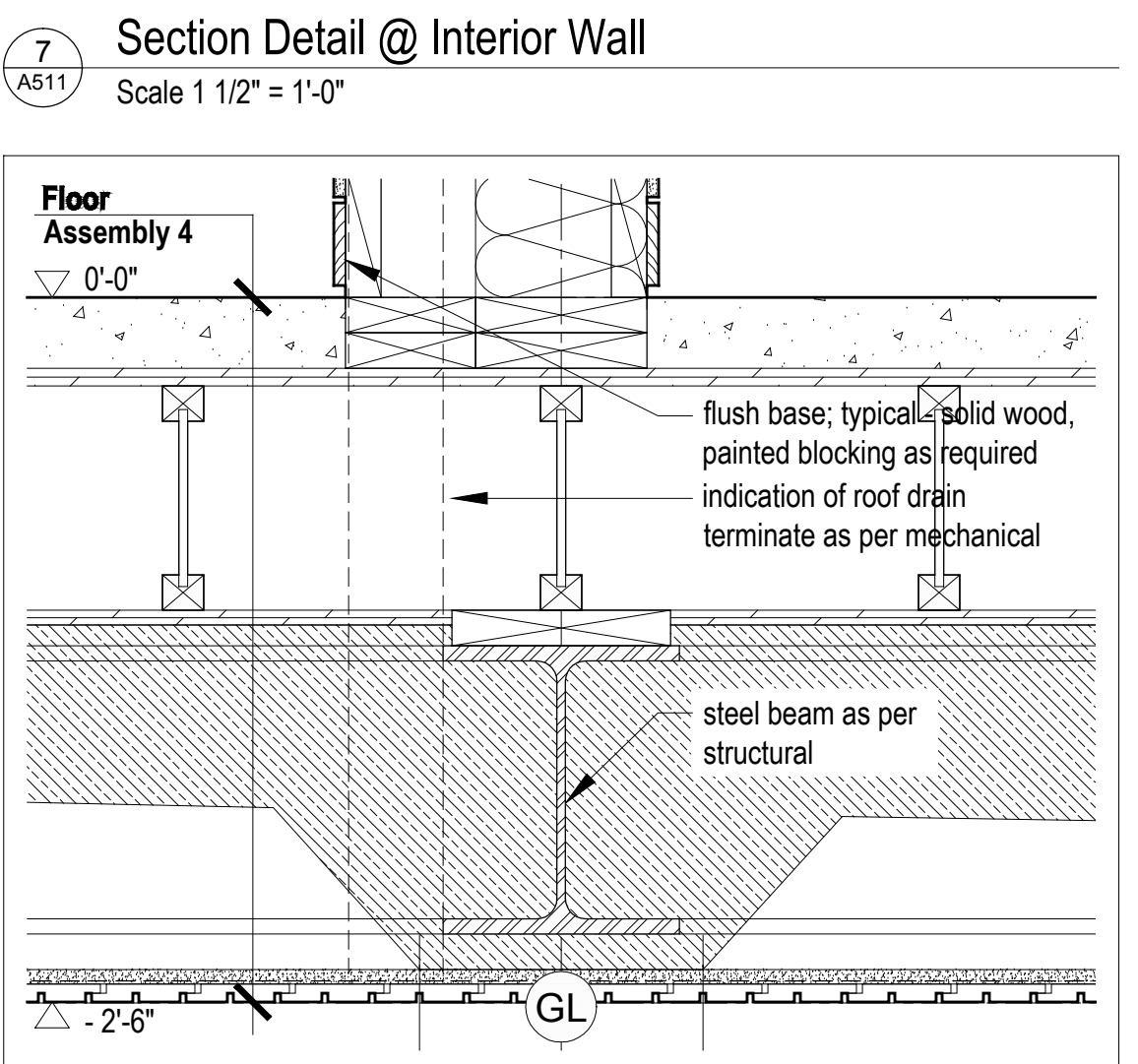
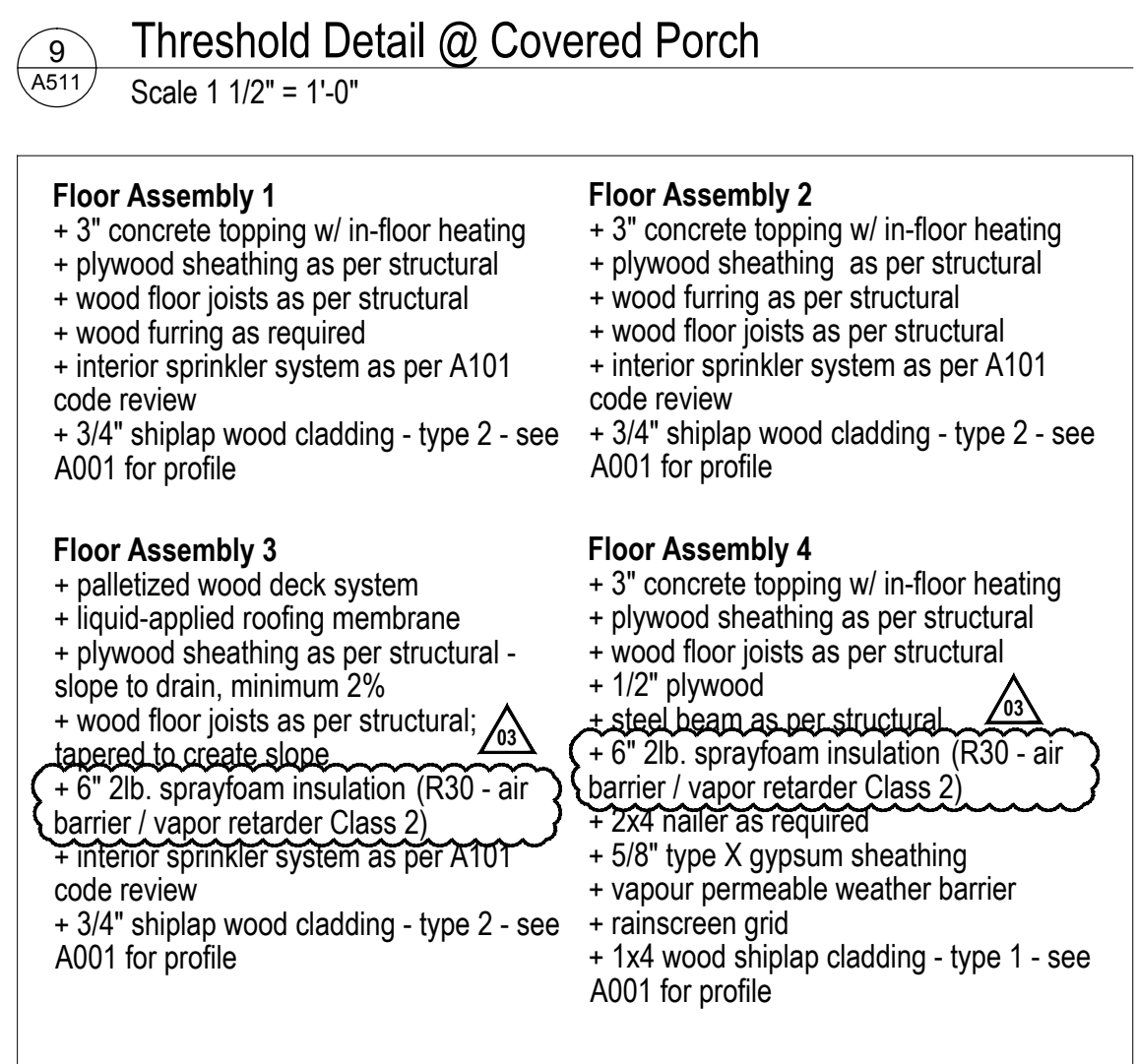
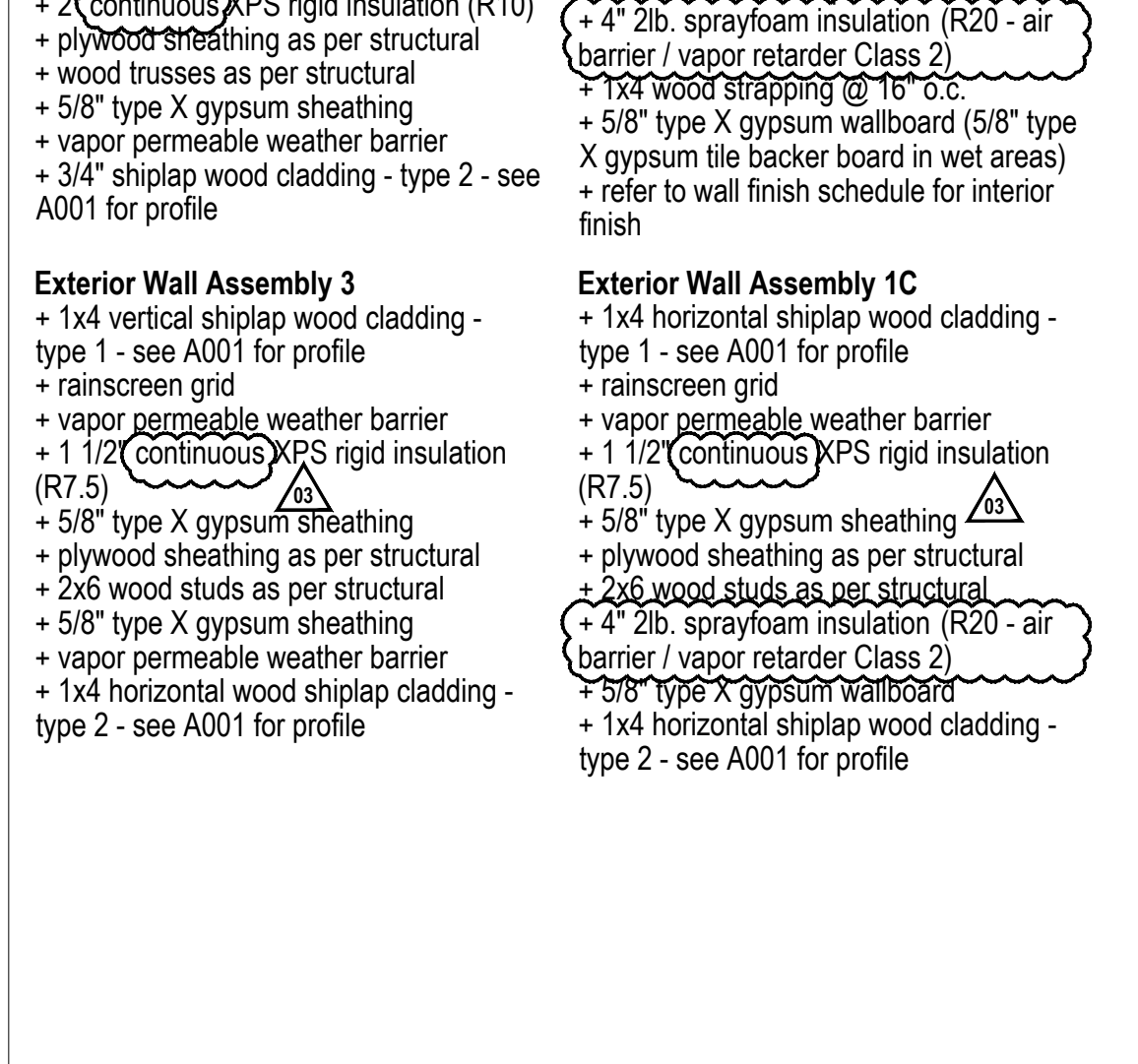
7 A511 Section Detail @ Interior Wall Scale 1 1/2" = 1'-0"



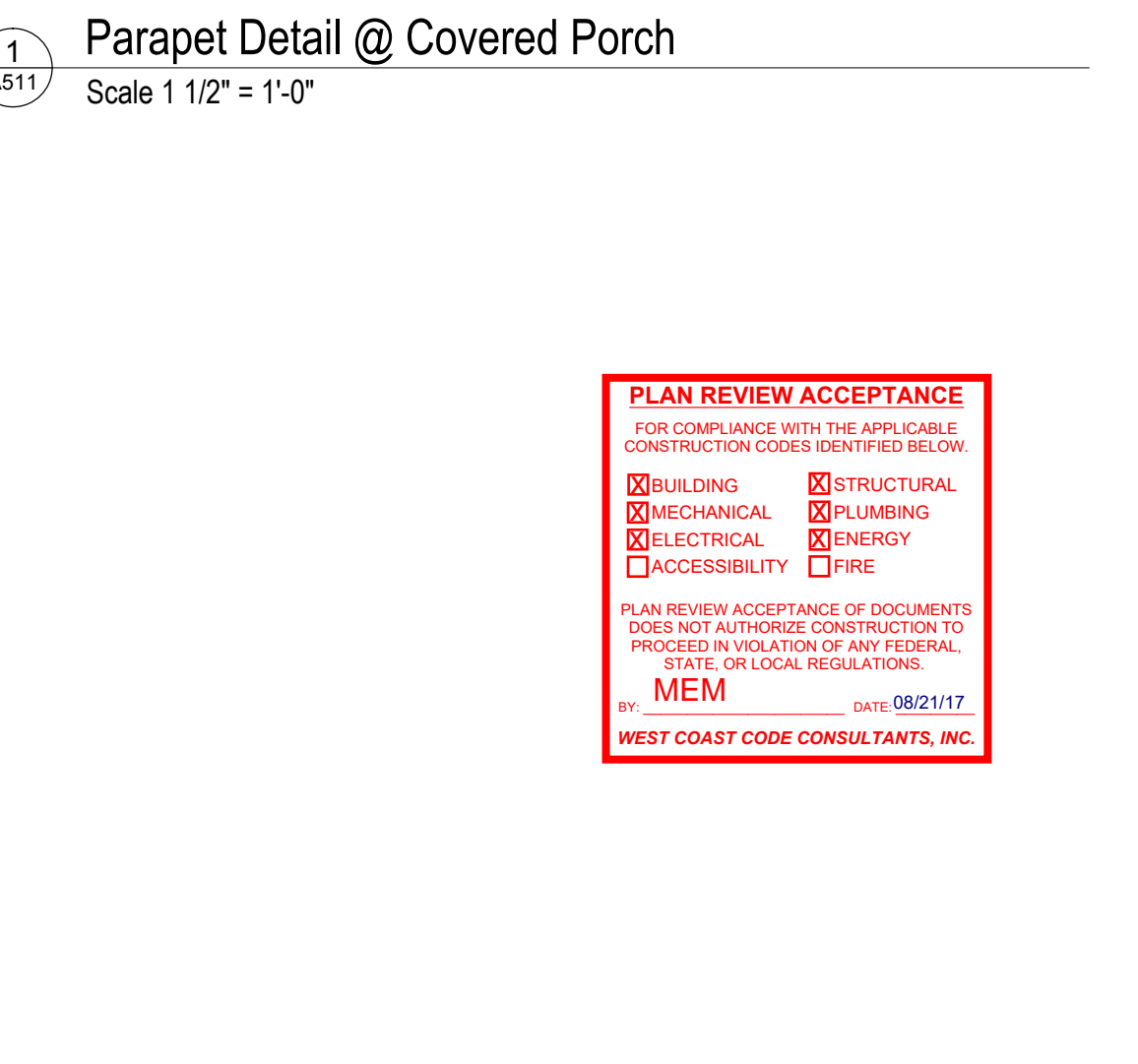
3 A511 Entry Door Threshold Detail Scale 1 1/2" = 1'-0"



1 A511 Parapet Detail @ Covered Porch Scale 1 1/2" = 1'-0"



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



1 A511 Parapet Detail @ Covered Porch Scale 1 1/2" = 1'-0"

**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.

MEM DATE: 08/21/17 WEST COAST CODE CONSULTANTS, INC.

No.	Description	Date
03	Issued for Const. Rev. 2	14.08.2017
02	Issued for Const. Rev. 1	14.07.2017
01	Issued for Construction	01.02.2017

**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 International Residential Code.

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

**Cabin 2500**

**Section Details**

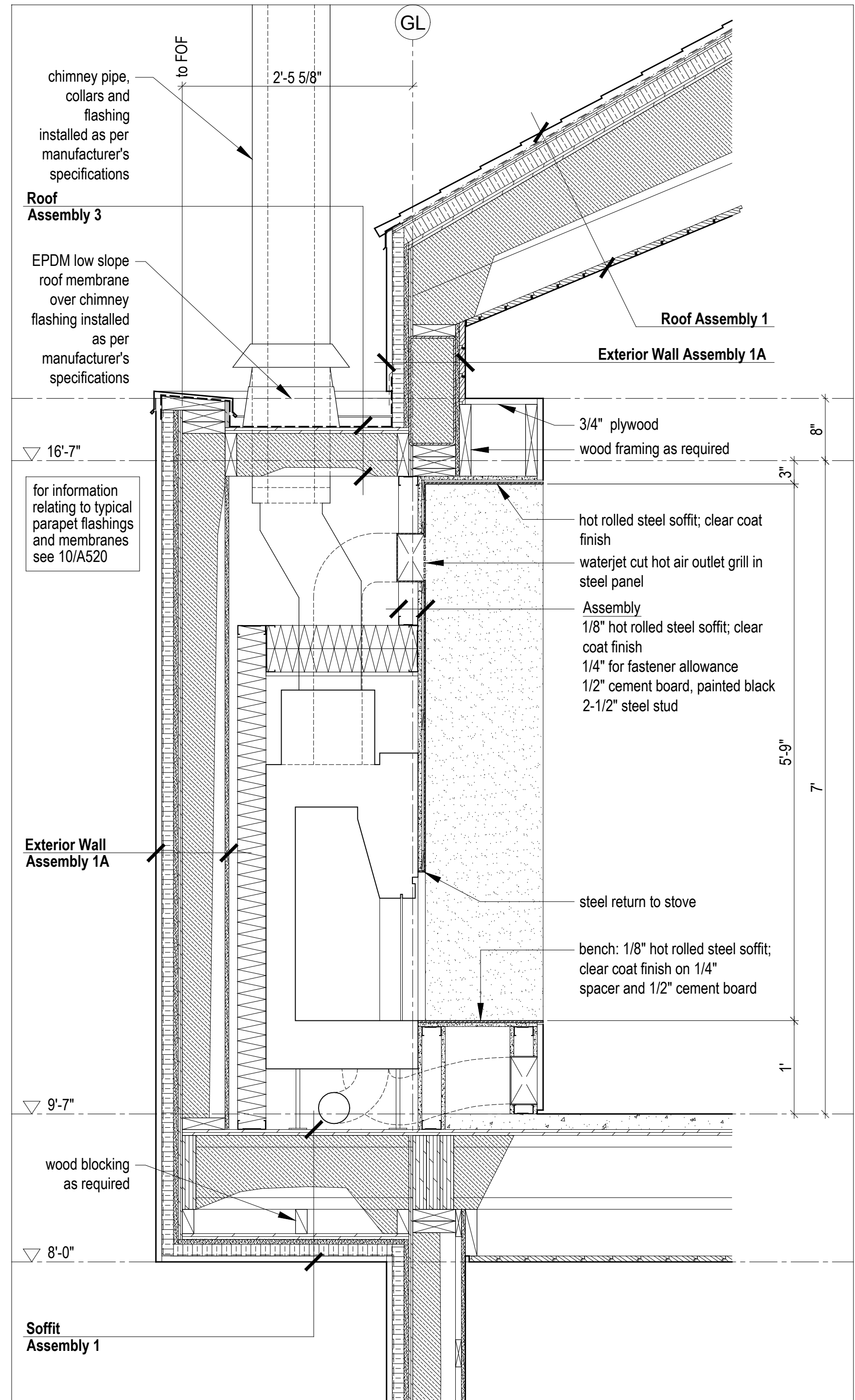
scale: 1/4" = 1'-0"  
date: 16-05-02  
drawn: DP  
chk'd: BML

**A511**

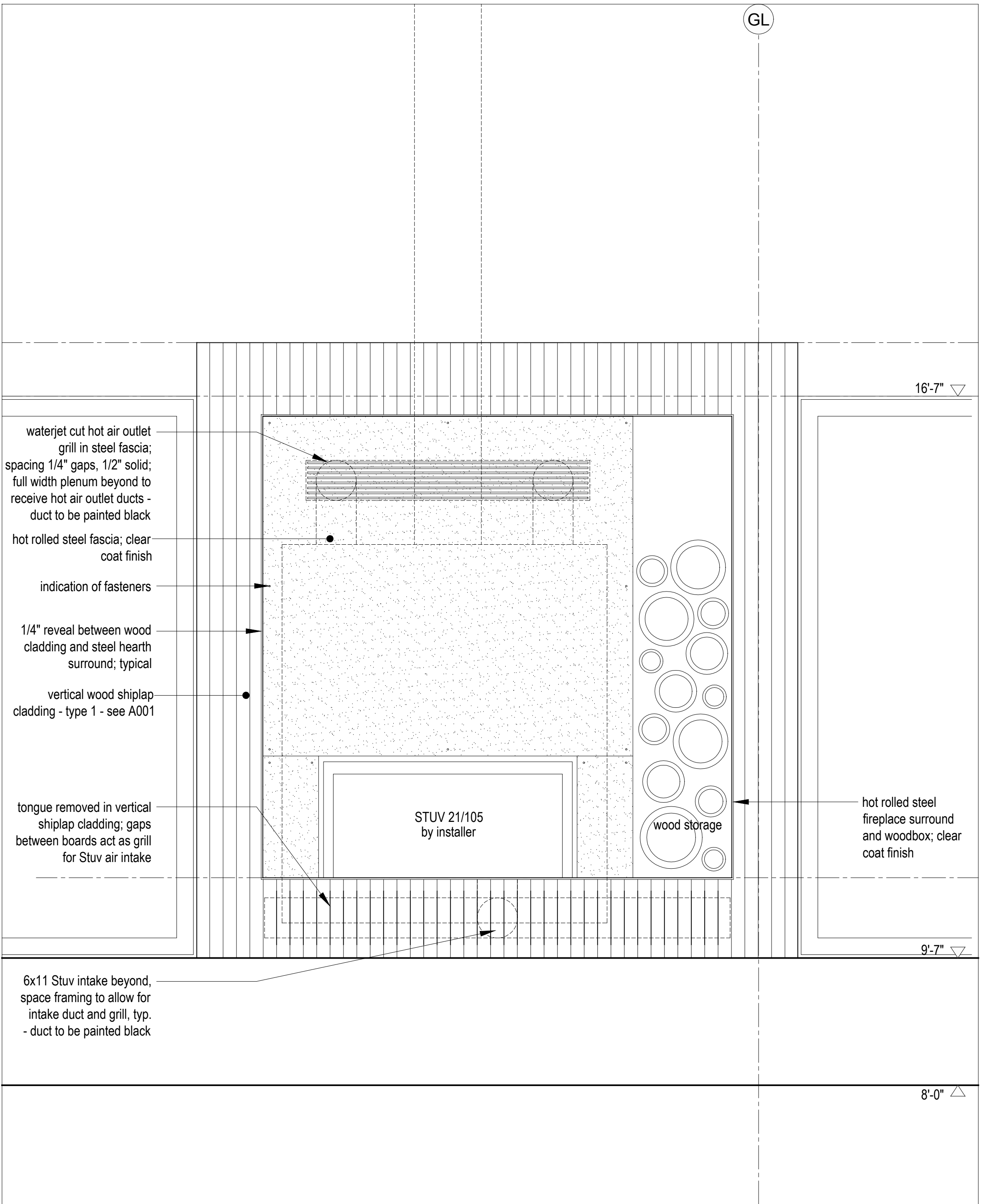


- Roof Assembly 1**  
 + Class B fire retardant pressure treated cedar shingles  
 + rainscreen grid  
 + Class A mineral-surfaced cap sheet  
 + self-adhering sheet roof membrane underlayment  
 + 1/2" exterior grade plywood  
 + 2" continuous XPS rigid insulation (R10)  
 + plywood sheathing as per 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
- Roof Assembly 3**  
 + Class A EPDM low slope roof membrane  
 + 3/4" sheathing - slope to drain, minimum 2%  
 + wood floor joists as per structural  
 + 6" 2lb. sprayfoam insulation (R30 - air barrier / vapor retarder Class 2)
- 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
- 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

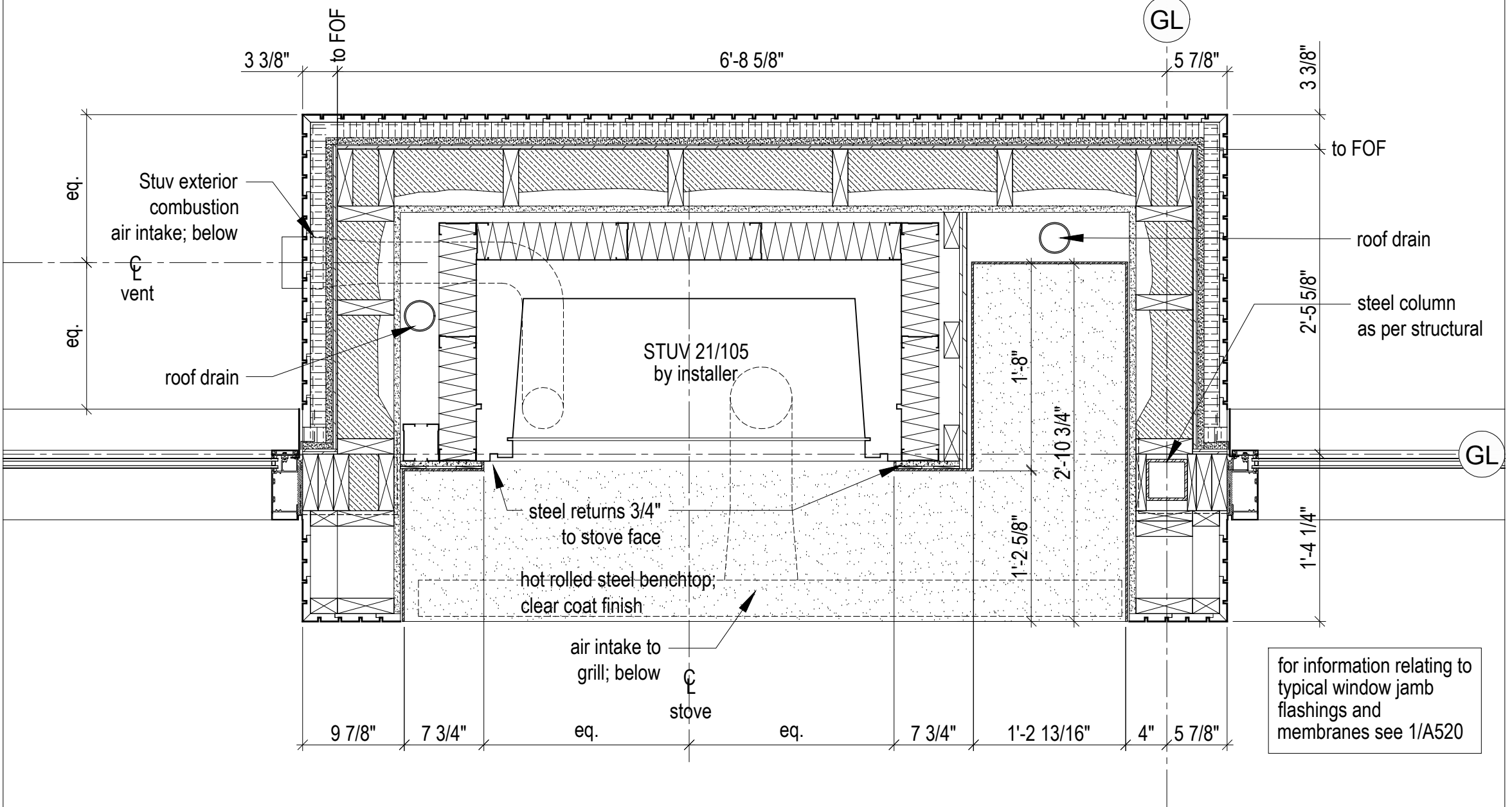
Assemblies  
 Scale 1" = 1'-0"



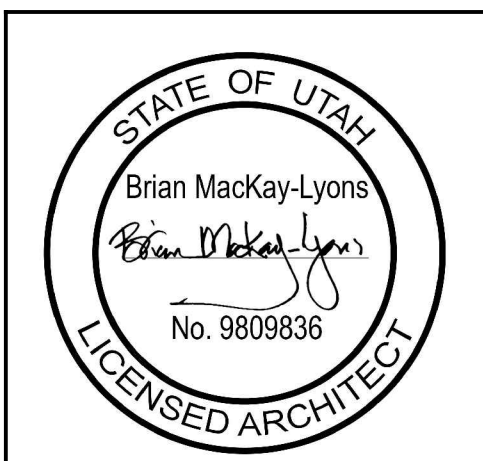
Section at Hearth  
 Scale 1" = 1'-0"



Interior Elevation  
 Scale 1" = 1'-0"



Partial Plan at Hearth  
 Scale 1" = 1'-0"



**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  
 BY: DATE: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

No.	Description	Date
02	Issued for Const. Rev. 1	14.07.2017
01	Issued for Construction	01.02.2017

**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.

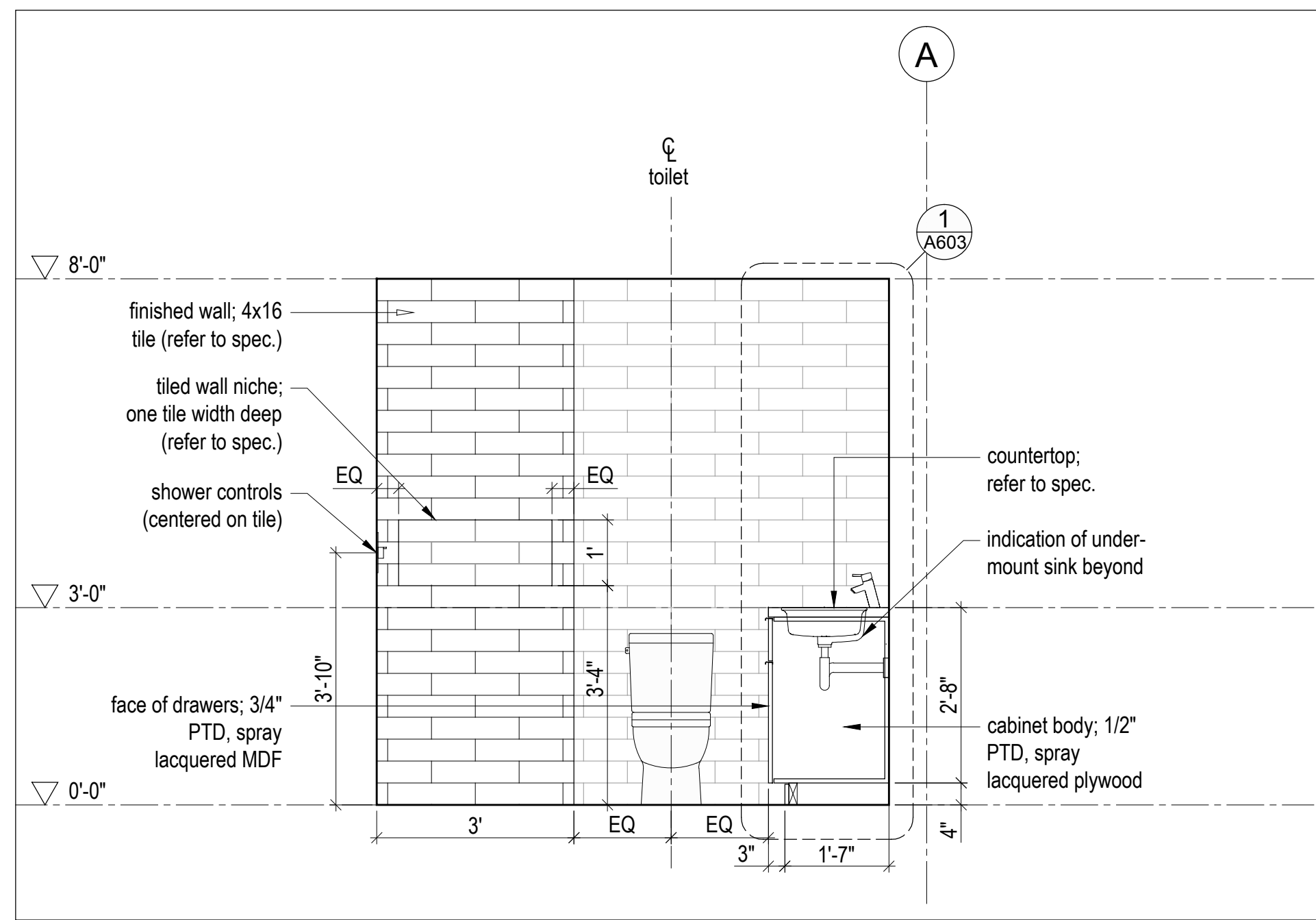
**ENGINEER'S REQUIREMENTS AND APPROVALS:**  
 It is the Builder's responsibility to notify MacKay-Lyons Sweetapple Architects Ltd. and to seek prior written approval for materials and workmanship which deviates from instructions provided by the Engineer.

**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.

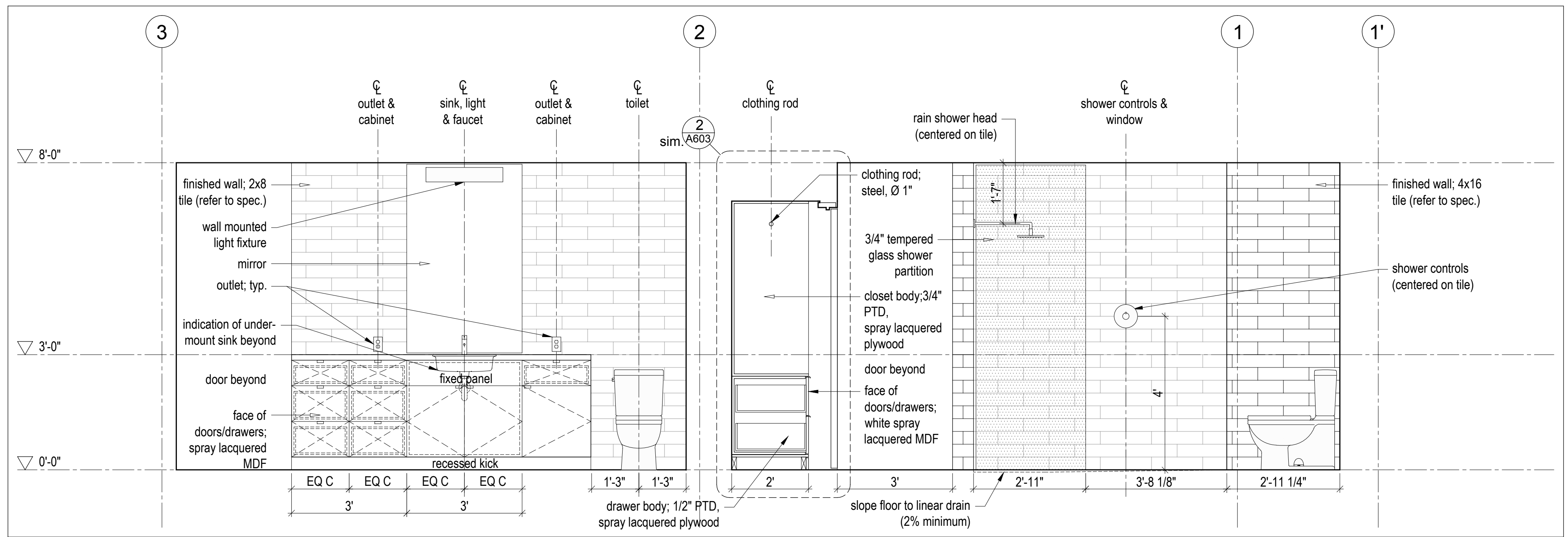
**DIMENSIONS:**  
 All dimensions must be verified on site. Do not scale off drawings. Plans take precedent over elevations. In the absence of dimensions, or if discrepancies exist, consult Architect. All minimum dimensions are to comply with the International Residential Code.

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

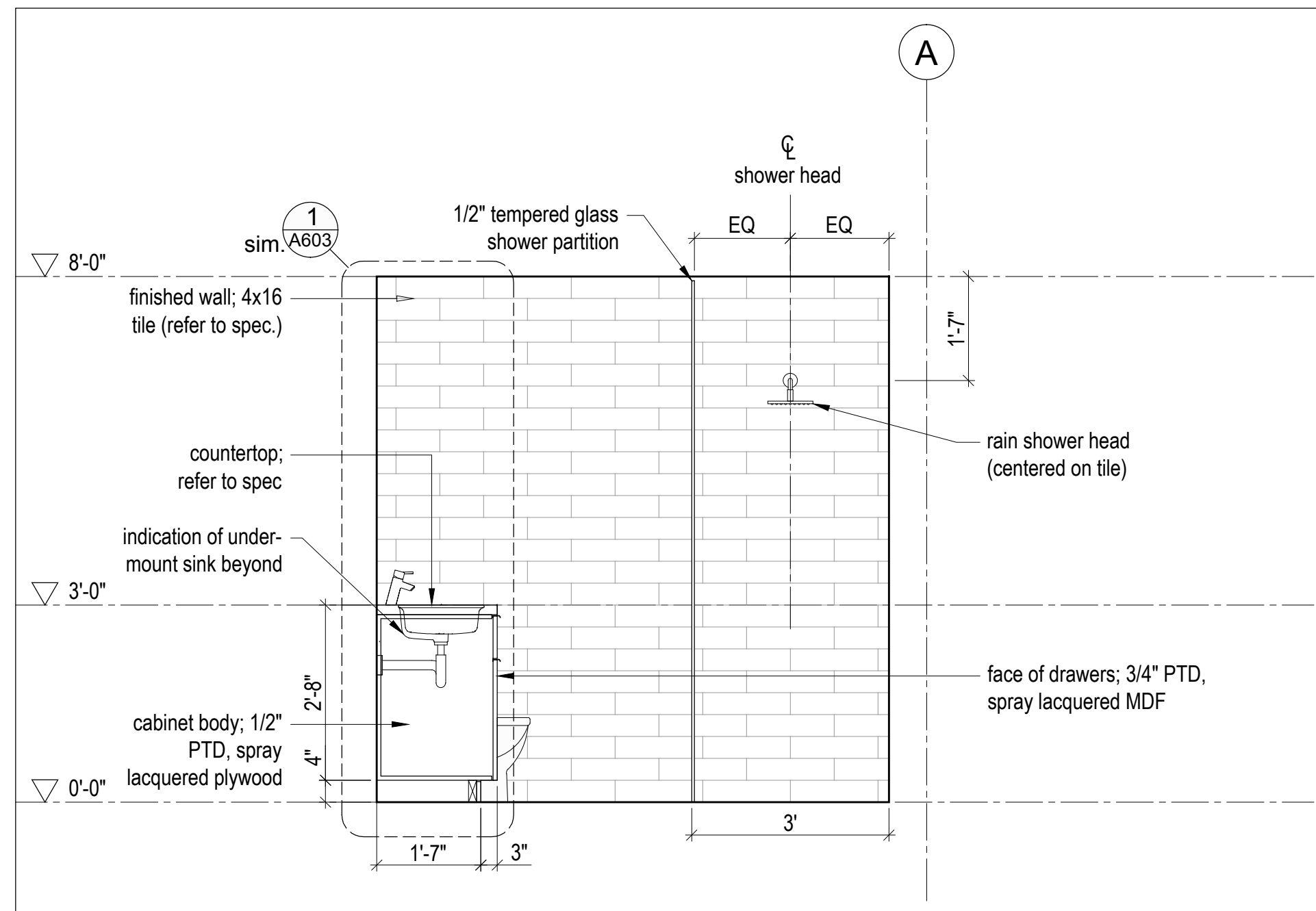




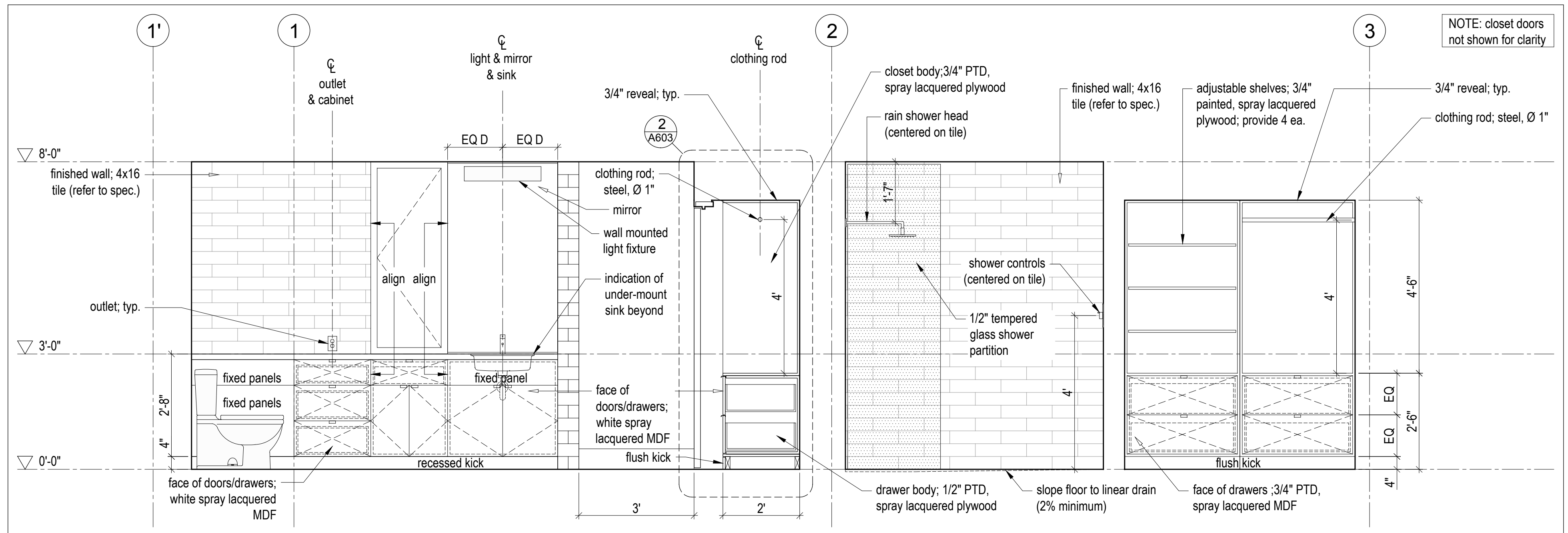
6 Bathroom - Section  
Scale 1/2" = 1'-0"



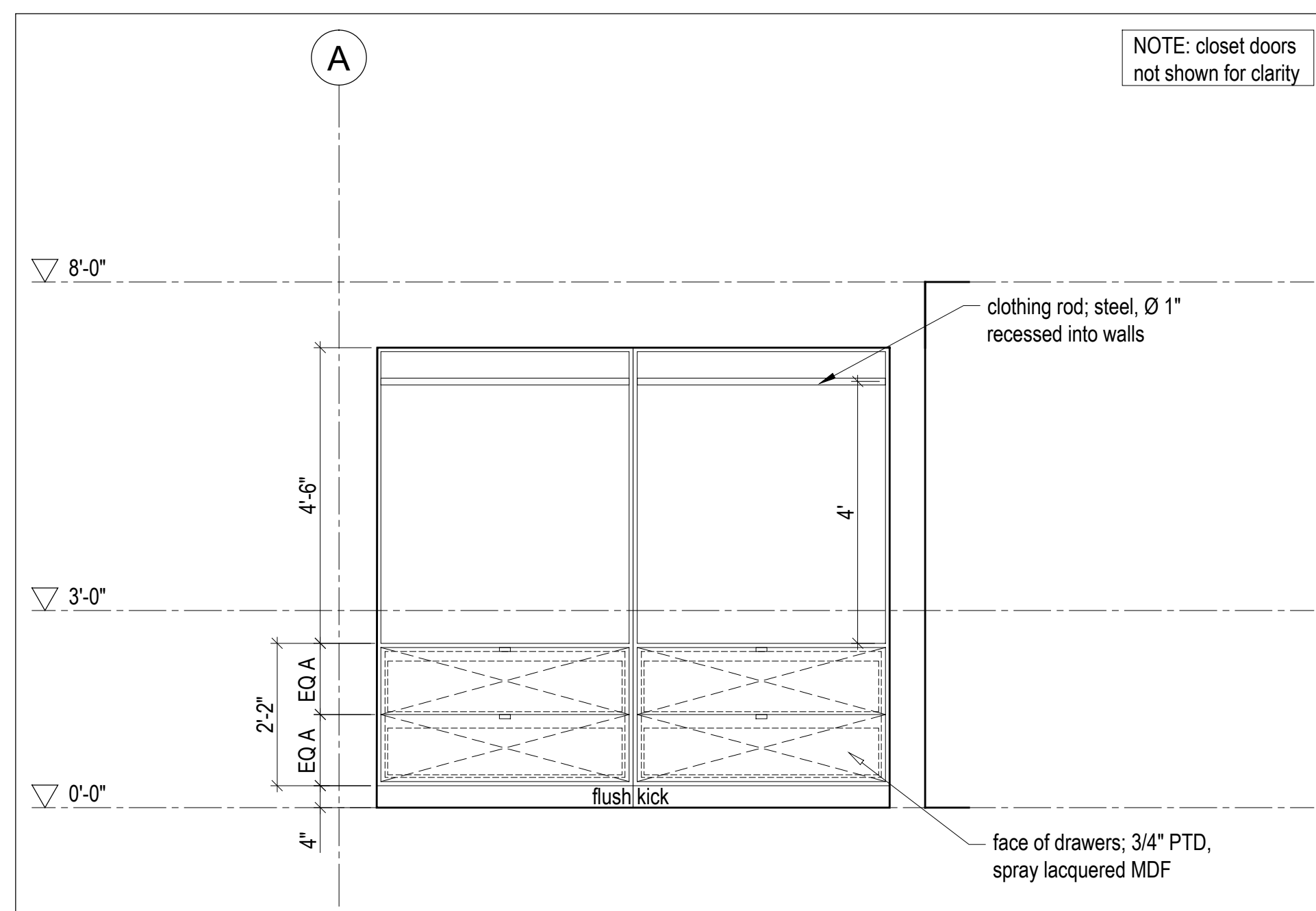
3 Bathroom - Elevations  
Scale 1/2" = 1'-0"



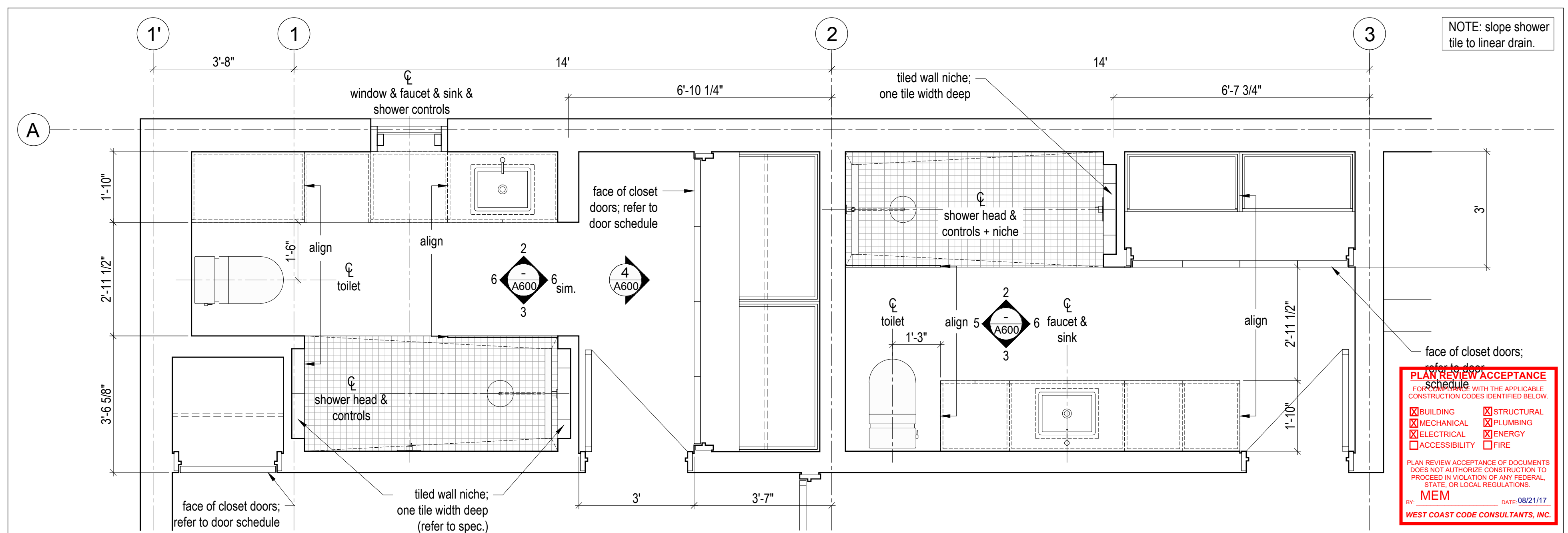
5 Bathroom - Section  
Scale 1/2" = 1'-0"



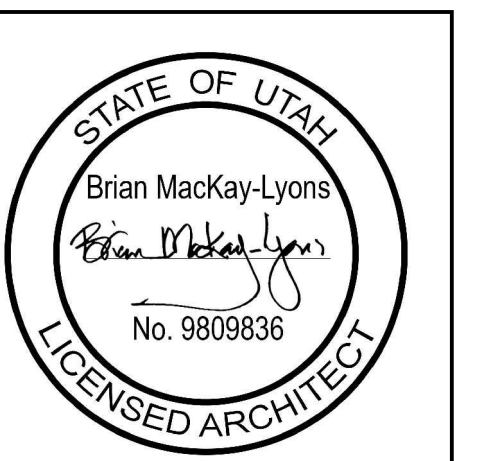
2 Bathroom - Elevations  
Scale 1/2" = 1'-0"



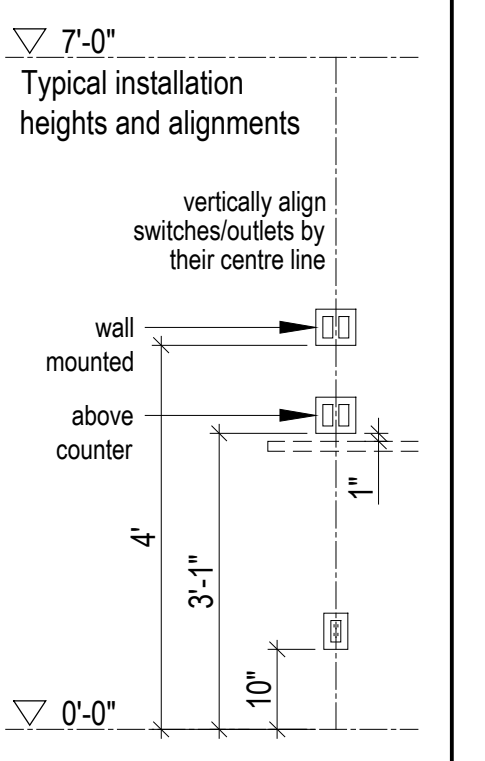
4 Bathroom Closet - Elevation  
Scale 1/2" = 1'-0"



1 Bathroom Plans - Enlarged  
Scale 1/2" = 1'-0"



NOTE: all dimensions to be verified in field

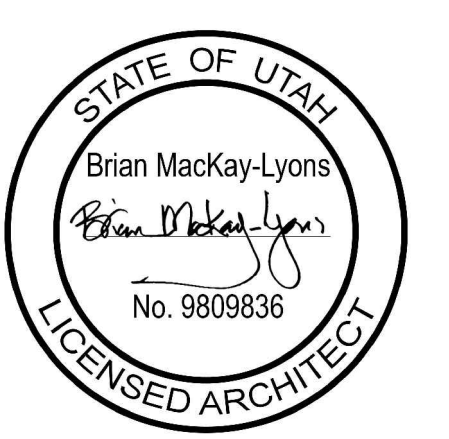


No.	Description	Date
02	Issued for Const. Rev. 1	14.07.2017
01	Issued for Construction	01.02.2017

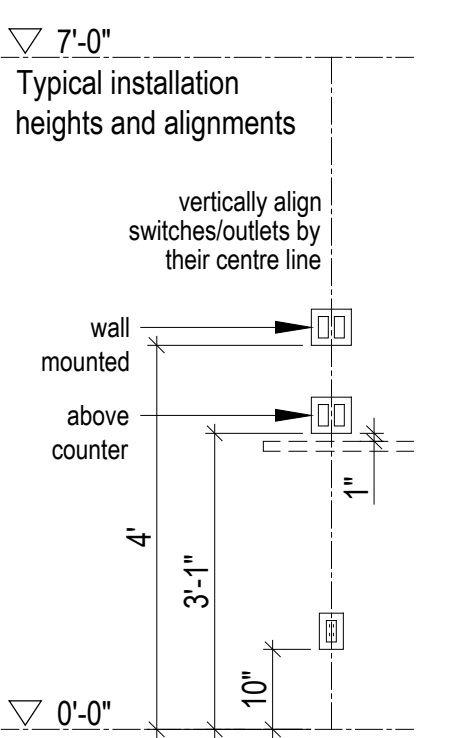
**NOTES:**  
COPYRIGHT RELATED TO THE USE OF THIS DRAWING:  
The use of this drawing shall be governed by standard copyright law as generally accepted in architectural practice.  
**ARCHITECT'S REQUIREMENTS AND APPROVALS:**  
It is the Builder's responsibility to notify MacKay-Lyons Sweetapple Architects 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 International Residential Code.  
**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 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: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.





NOTE: all dimensions to be verified in field



02	Issued for Const. Rev. 1	14.07.2017
01	Issued for Construction	01.02.2017
No.	Description	Date

Revision:

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.

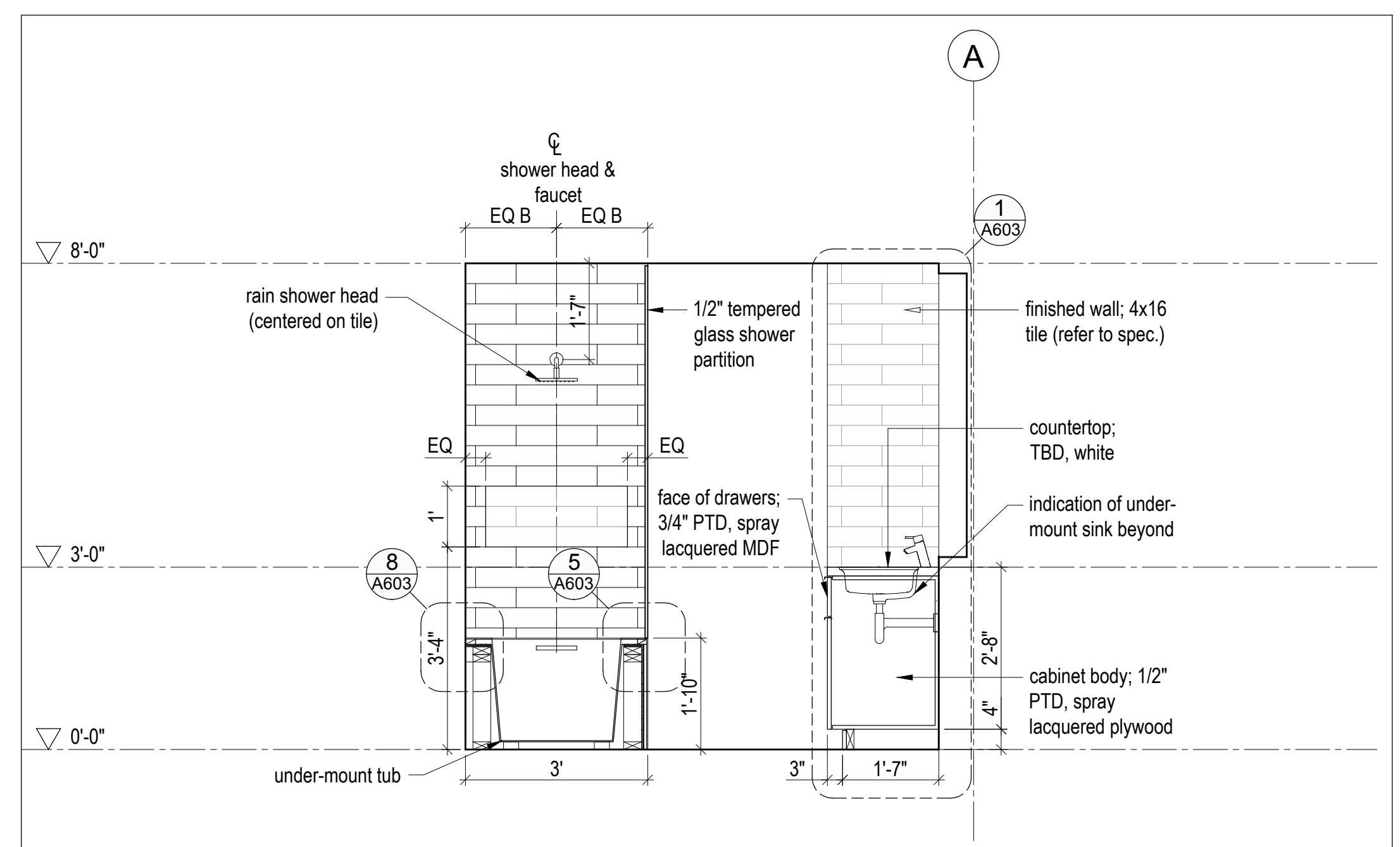
**ENGINEER'S REQUIREMENTS AND APPROVALS:**  
It is the Builder's responsibility to notify Mackay-Lyons Sweetapple Architects Ltd. and to seek prior written approval for materials and workmanship which deviates from instructions provided by the Engineer.

**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.

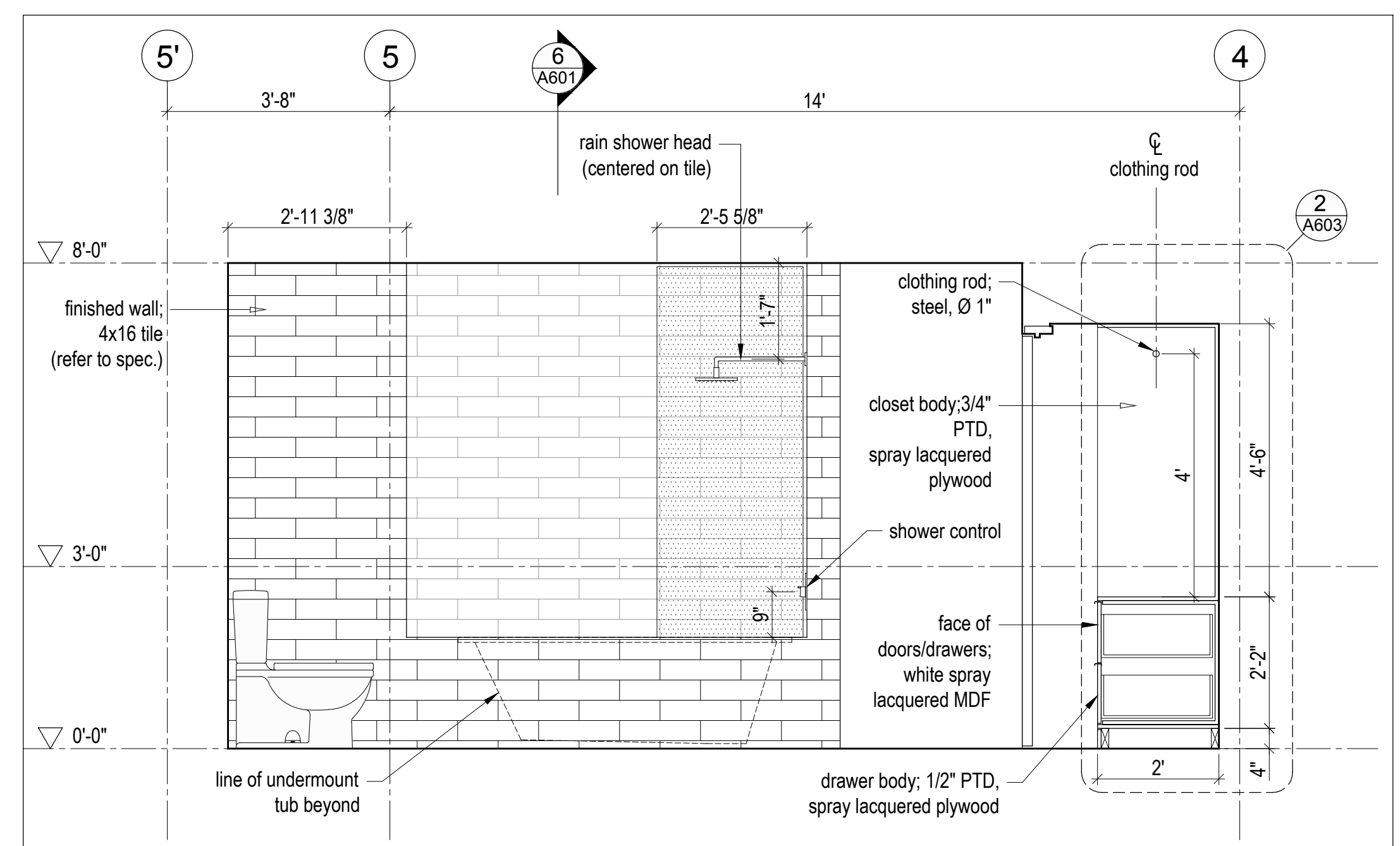
**DIMENSIONS:**  
All dimensions must be verified on site. Do not scale off drawings. Plans take precedent over elevations. In the absence of dimensions, or if discrepancies exist, consult Architect. All minimum dimensions are to comply with the International Residential Code.

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

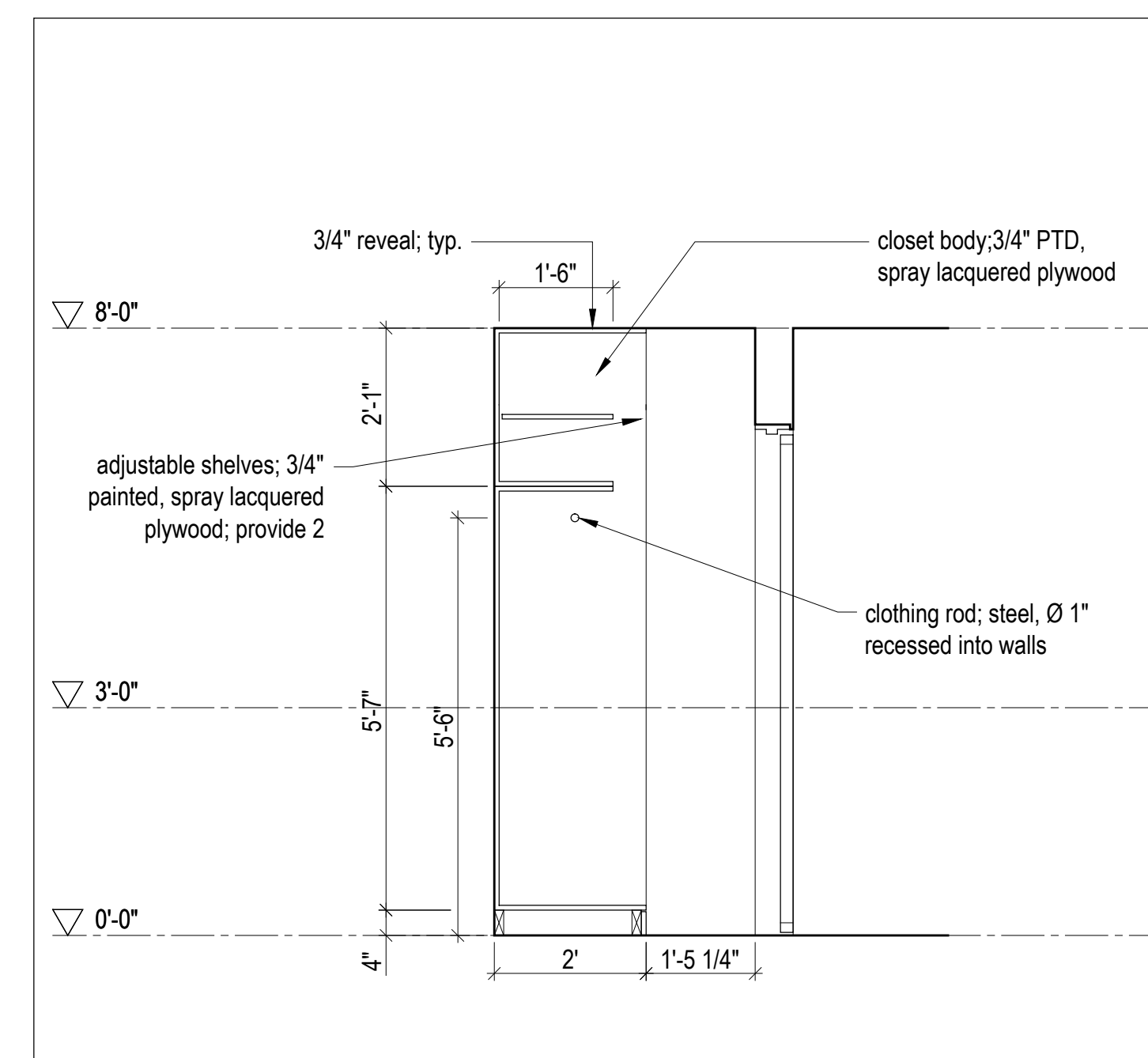
**Cabin 2500**  
Millwork  
scale: as noted  
date: 16-05-20  
drawn: MJ/JL  
chk'd: BML  
**A601**



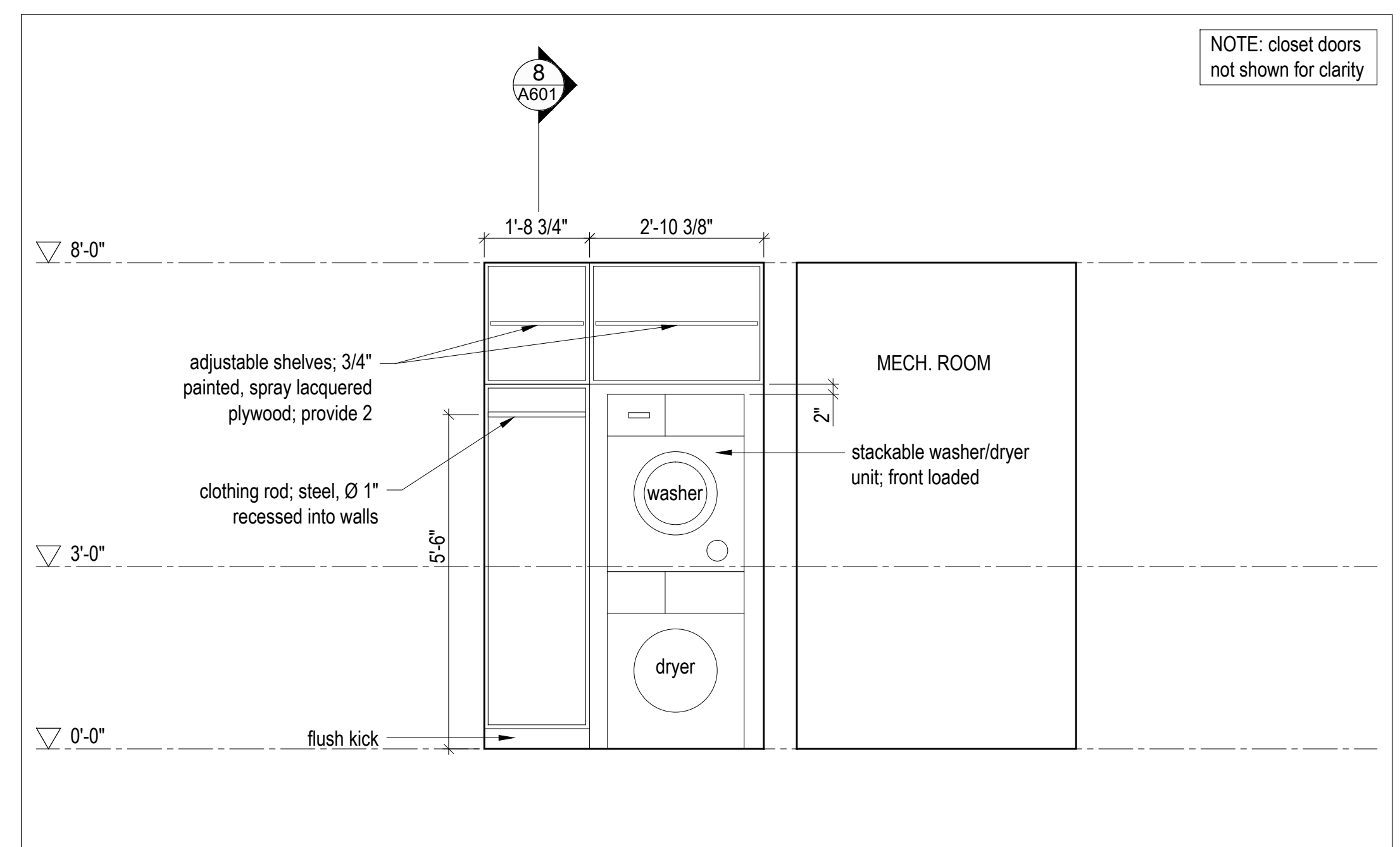
6 Bathroom - Section  
Scale 1/2" = 1'-0"



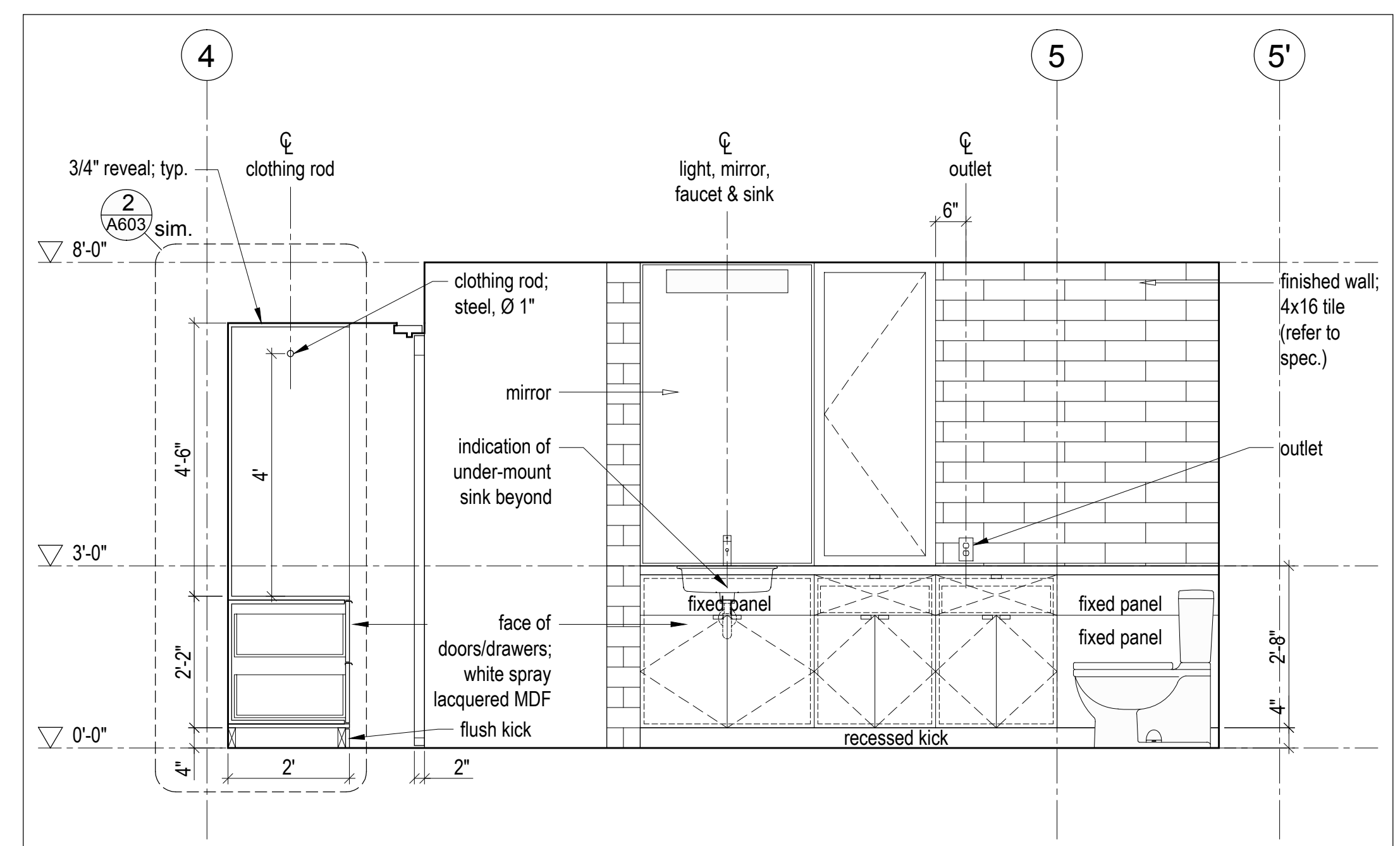
3 Bathroom - Elevation  
Scale 1/2" = 1'-0"



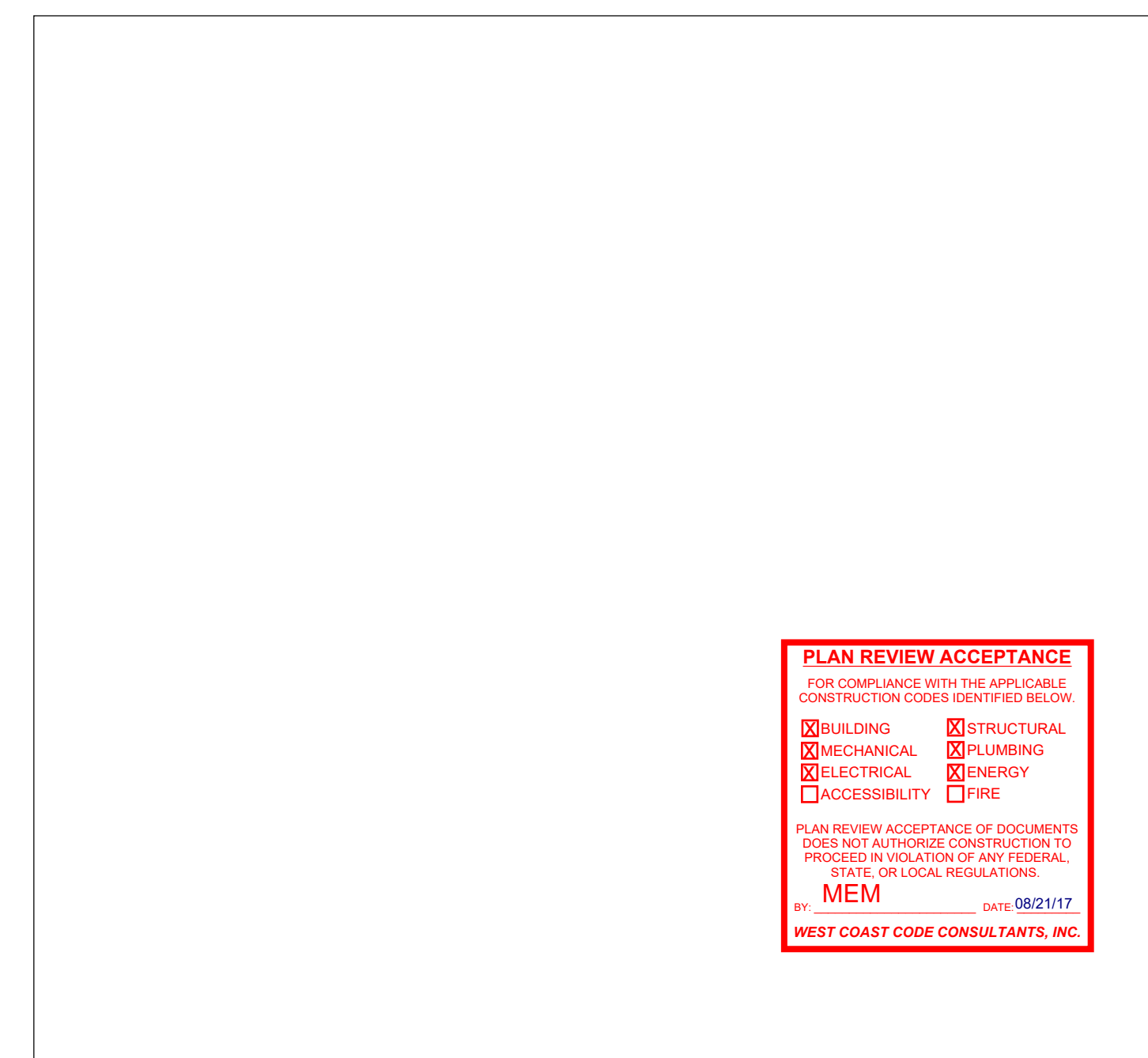
8 Laundry & Storage - Section  
Scale 1/2" = 1'-0"



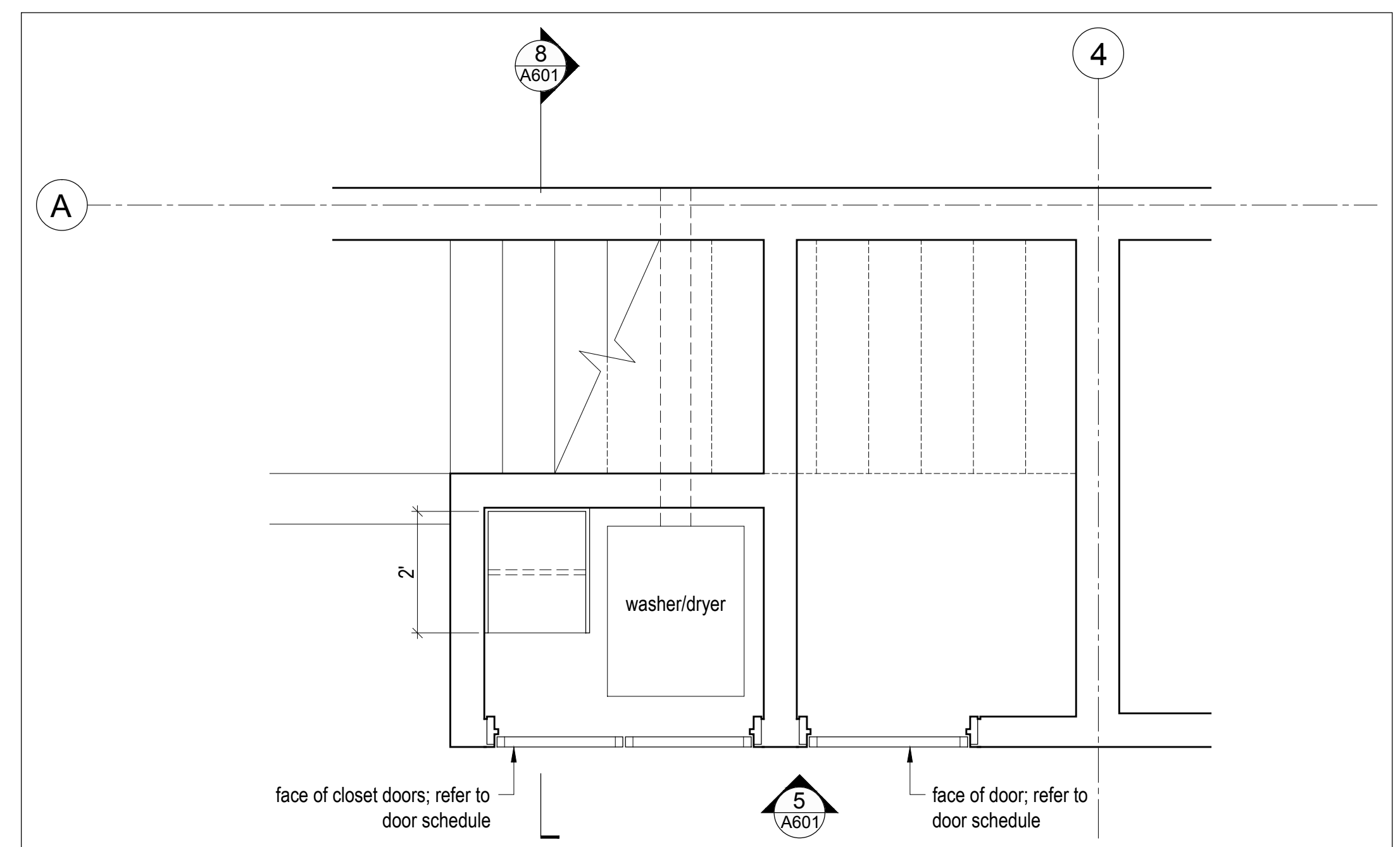
5 Laundry & Storage - Elevation  
Scale 1/2" = 1'-0"



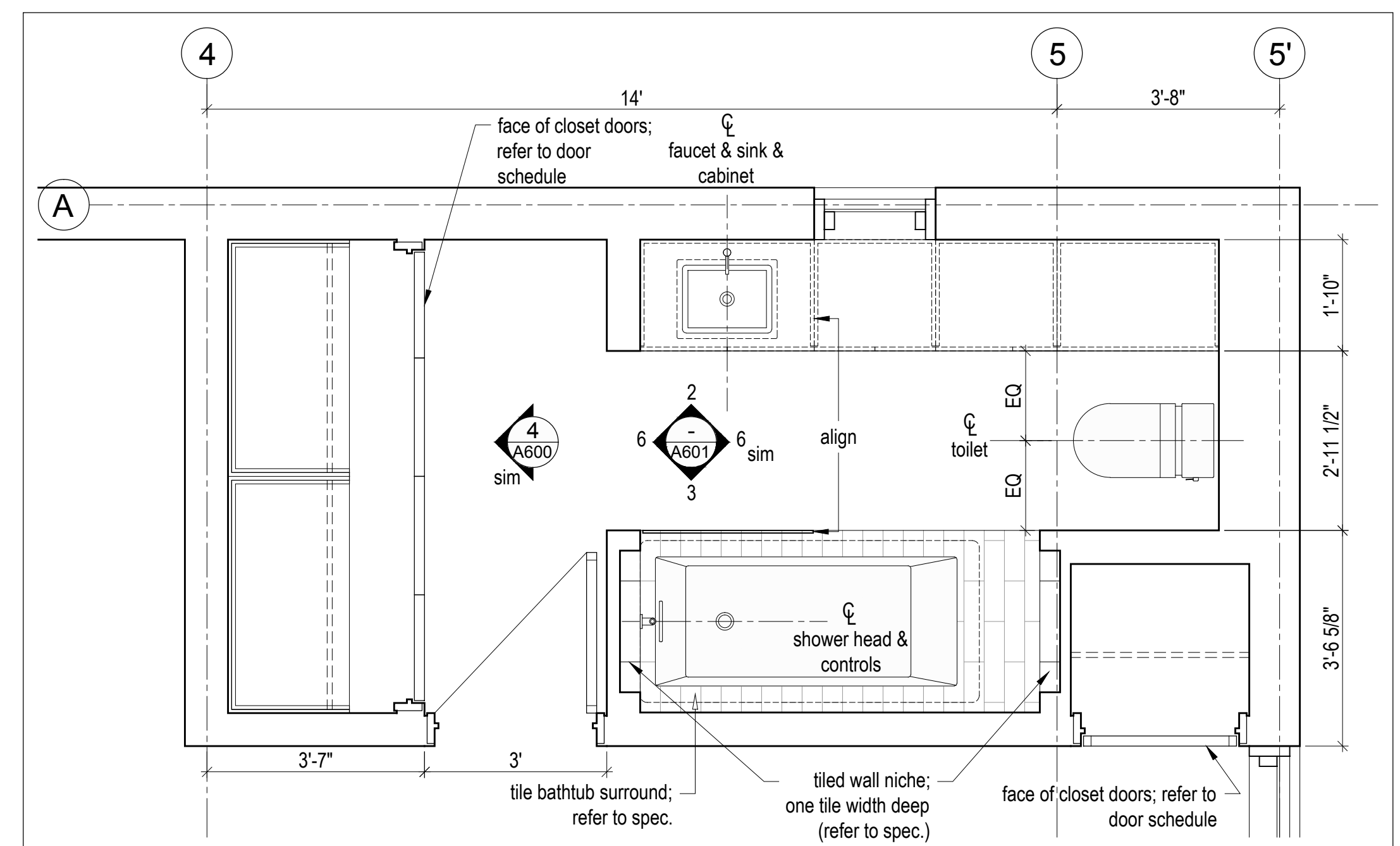
2 Bathroom - Elevation  
Scale 1/2" = 1'-0"



7 Not in use  
A601



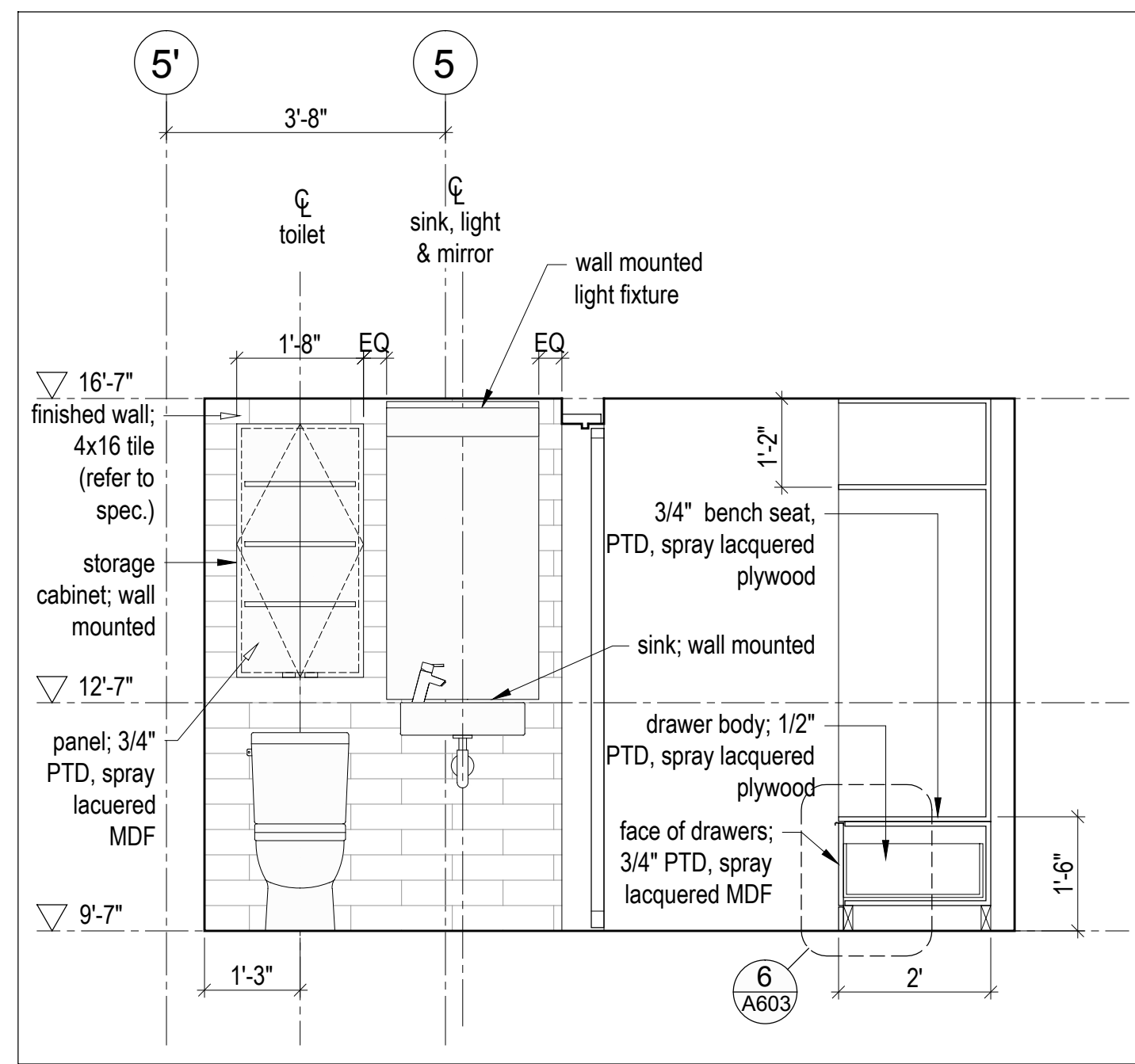
4 Laundry & Storage - Enlarged Plan  
Scale 1/2" = 1'-0"



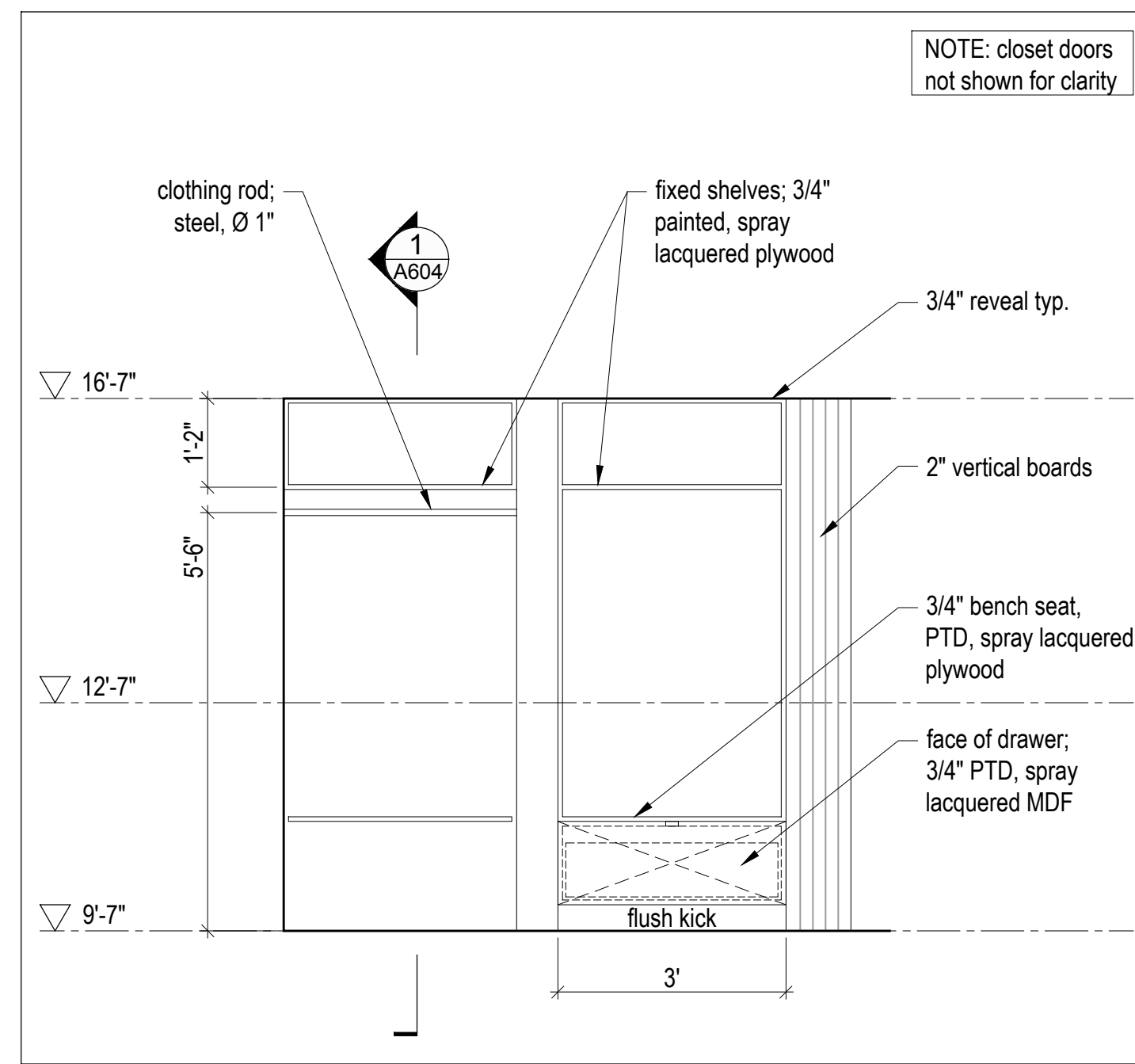
1 Bathroom - Enlarged Plan  
Scale 1/2" = 1'-0"

**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: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

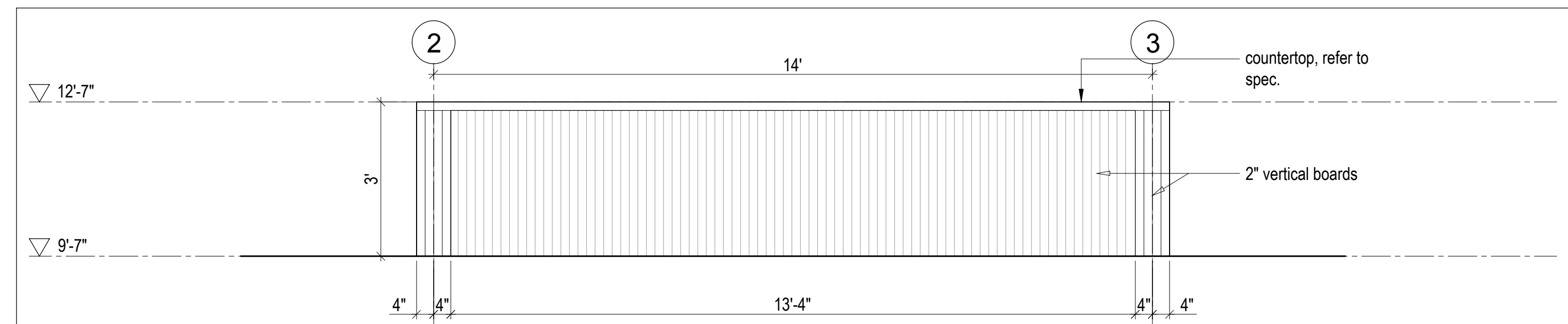




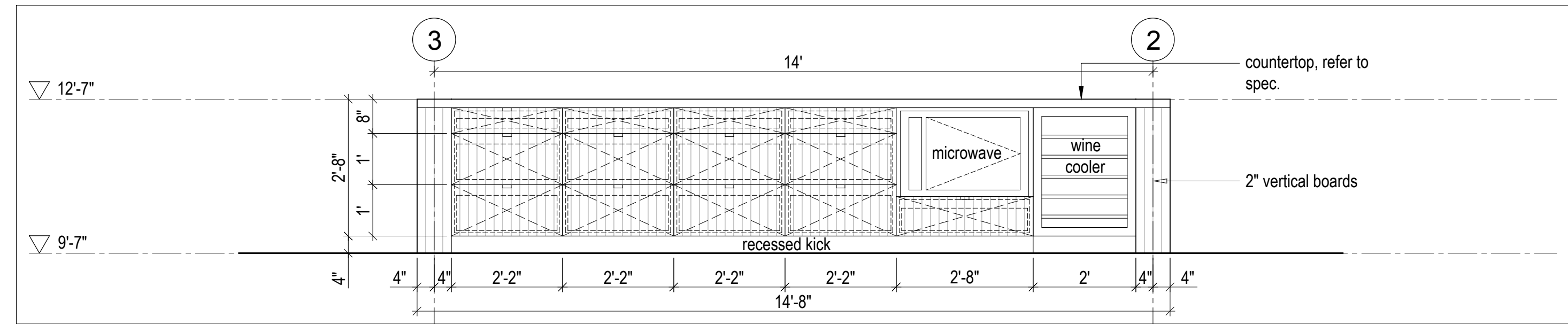
10 A602 Mud Room & Powder Room - Section  
Scale 1/2" = 1'-0"



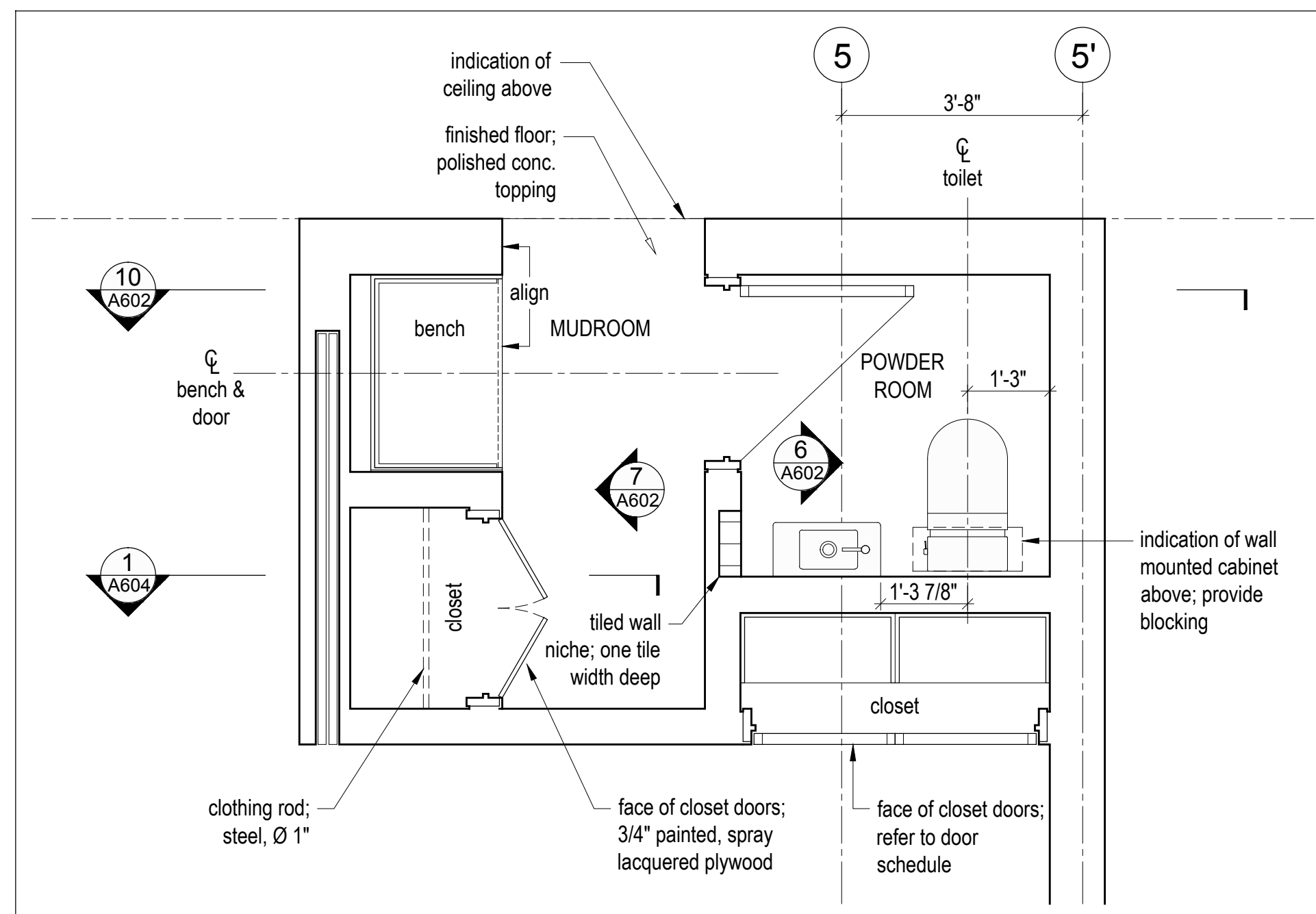
7 A602 Powder Room - Elevation  
Scale 1/2" = 1'-0"



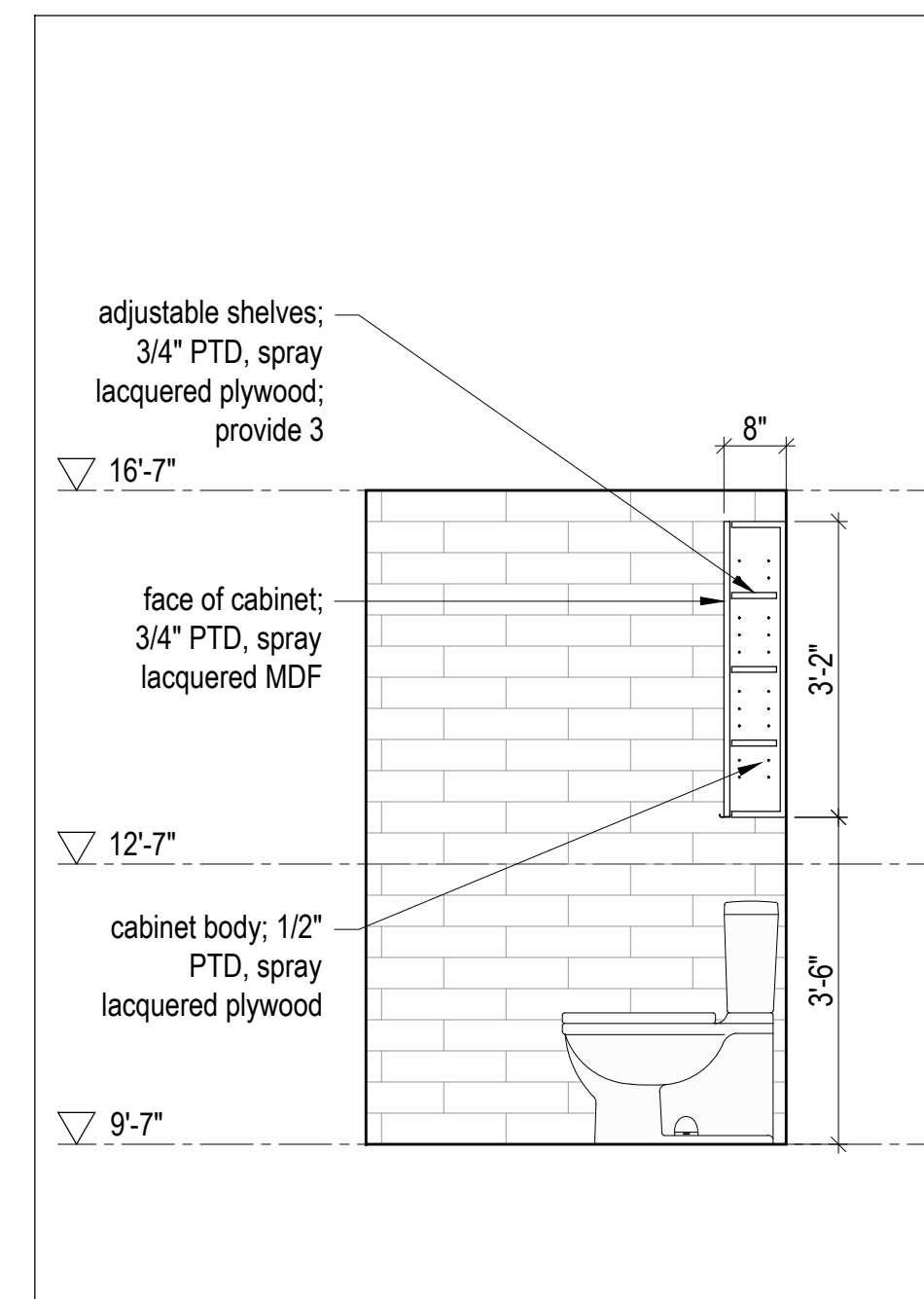
4 A602 Kitchen Island - Elevation  
Scale 1/2" = 1'-0"



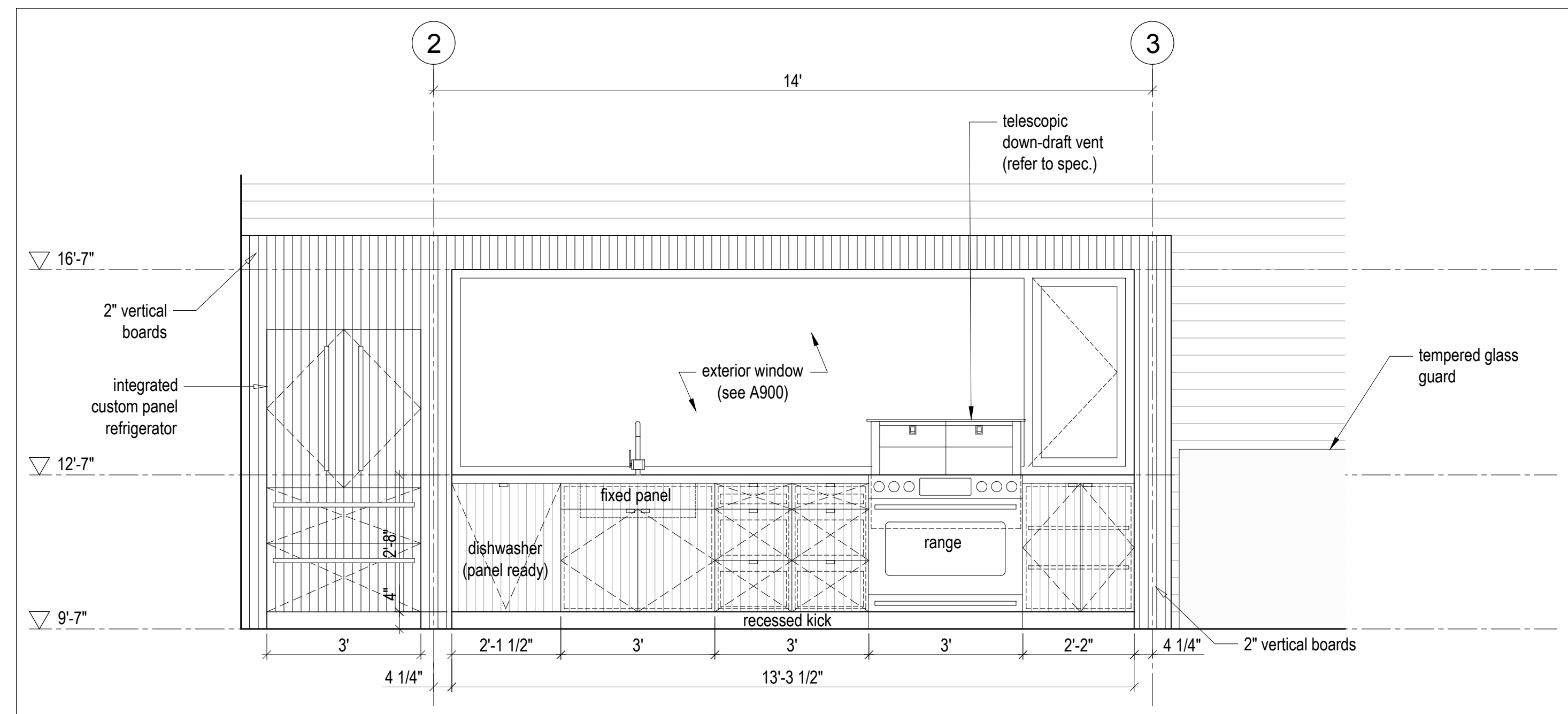
3 A602 Kitchen Island - Elevation  
Scale 1/2" = 1'-0"



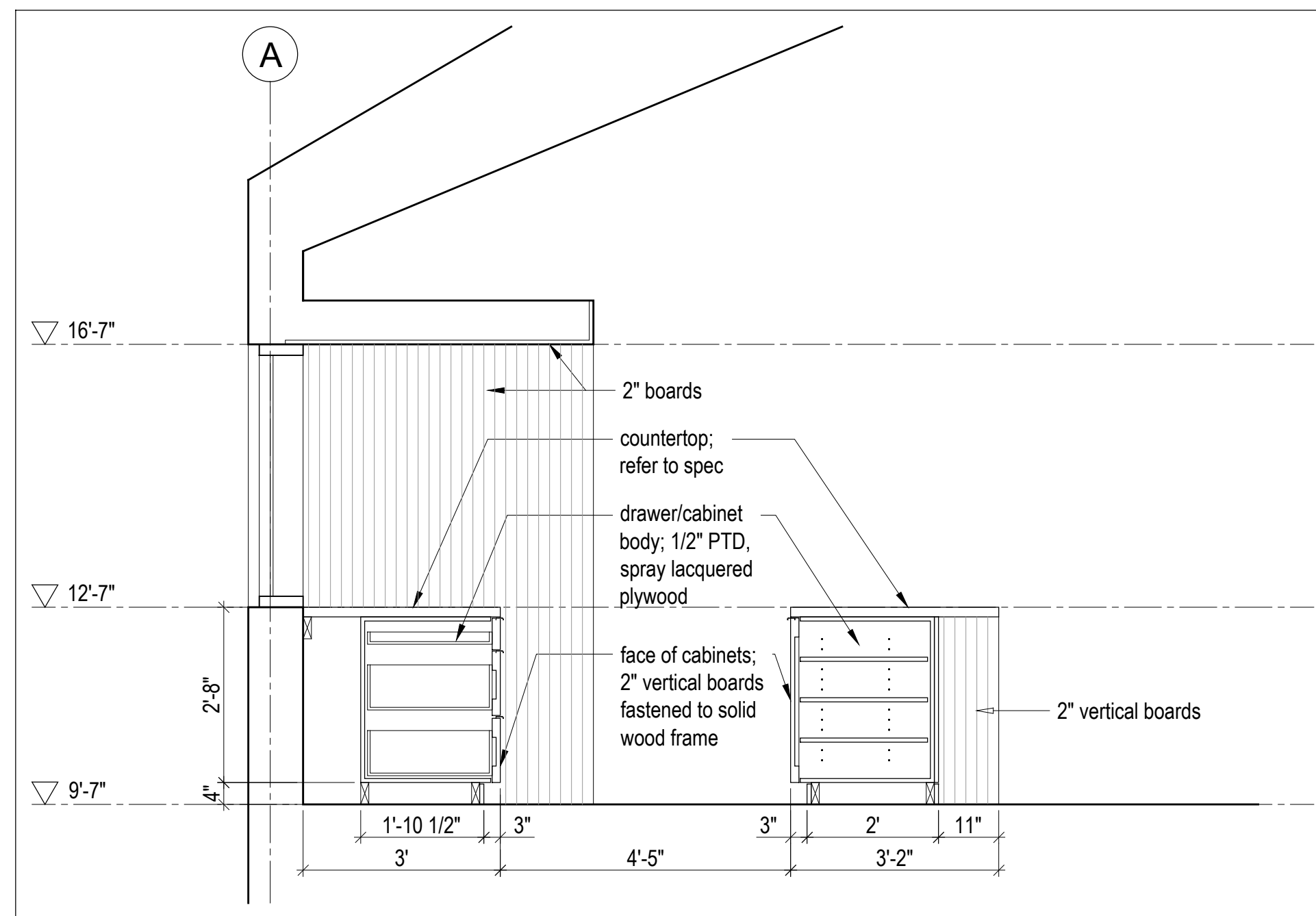
9 A602 Mud Room & Powder Room - Enlarged Plan  
Scale 1/2" = 1'-0"



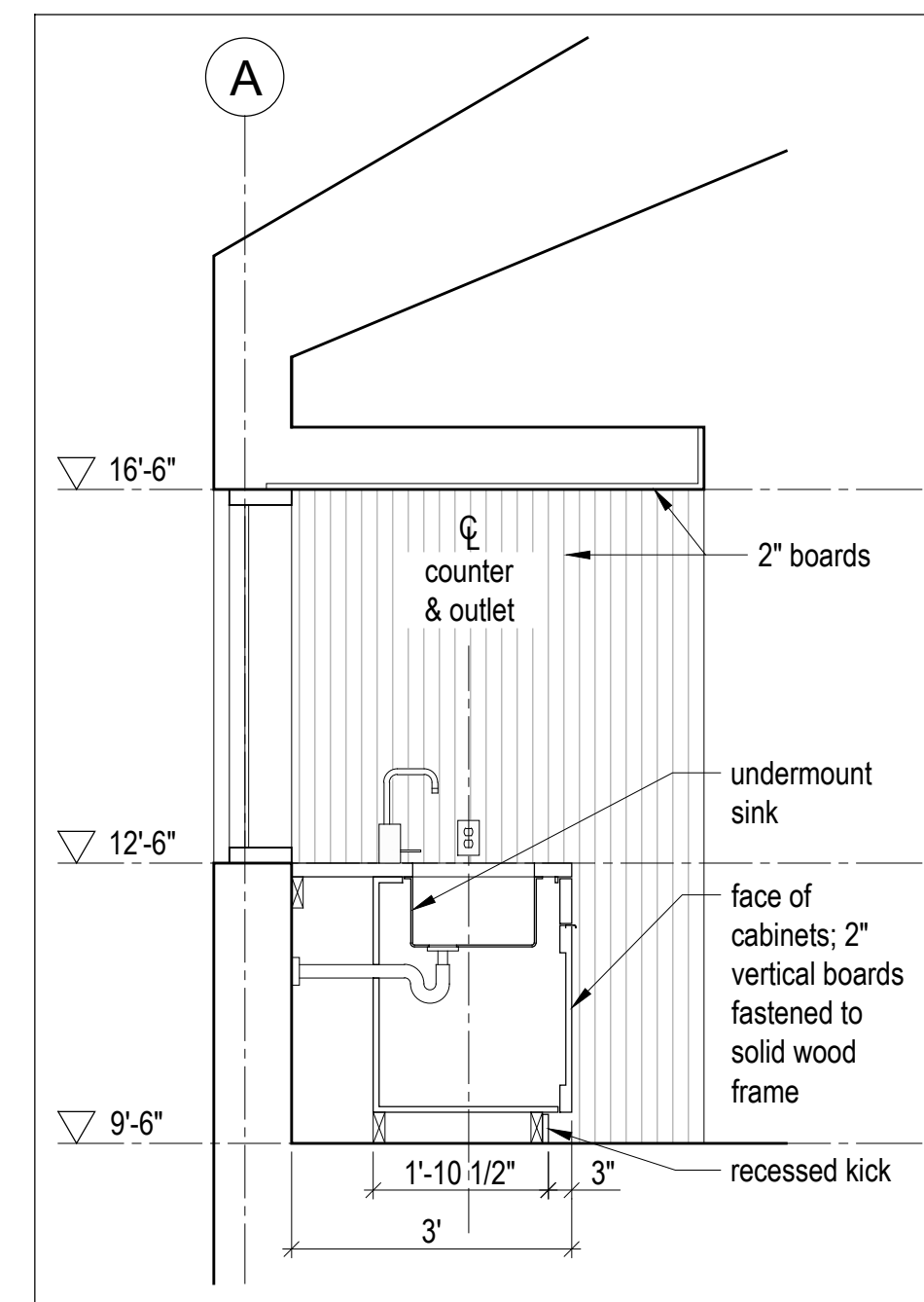
6 A602 Kitchen - Section  
Scale 1/2" = 1'-0"



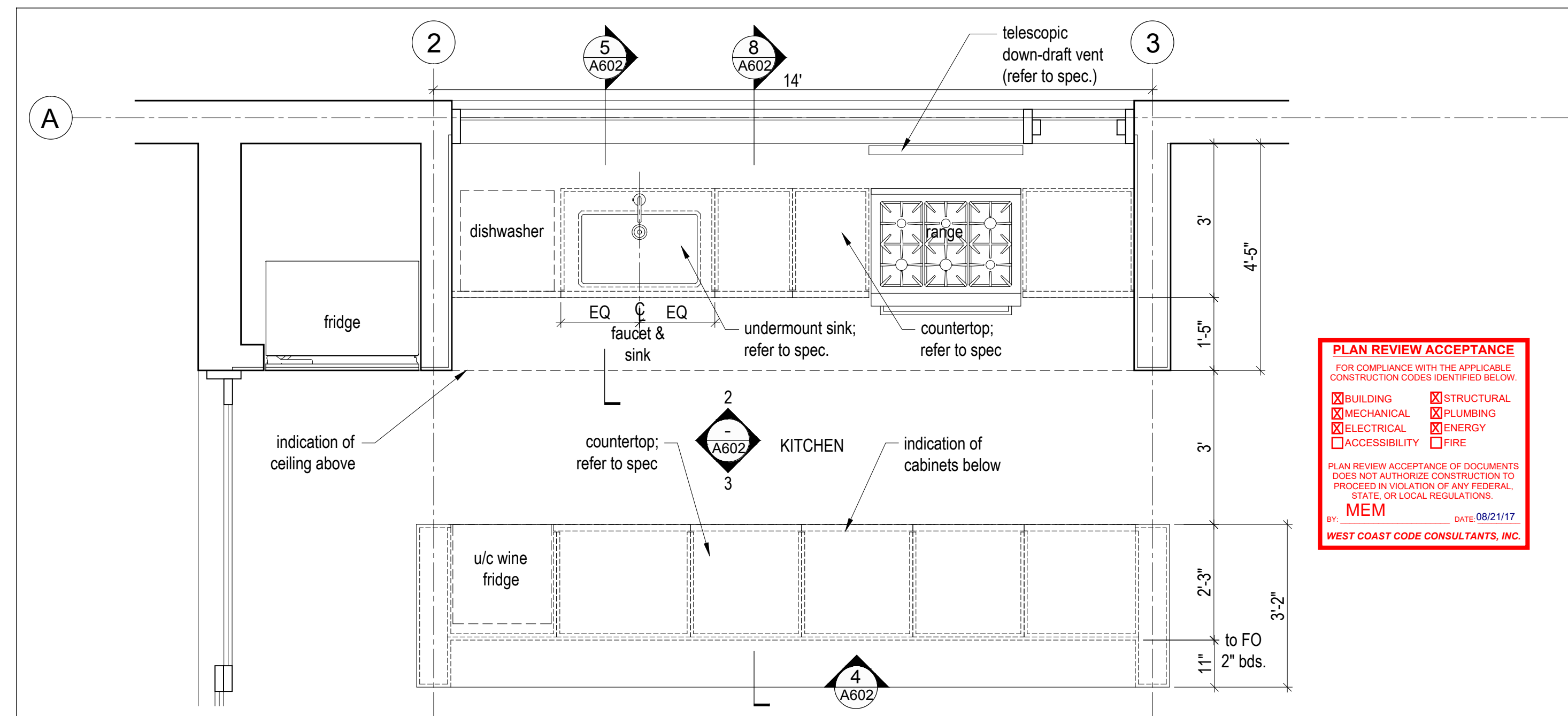
2 A602 Kitchen - Elevation  
Scale 1/2" = 1'-0"



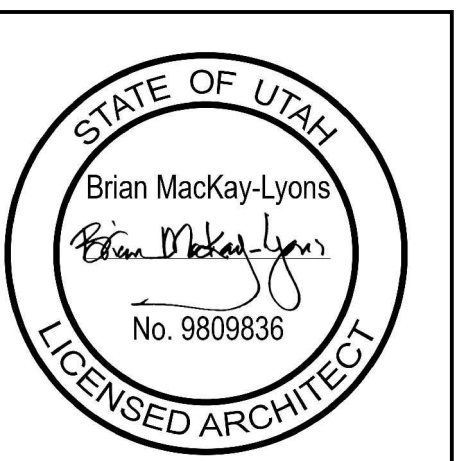
8 A602 Kitchen - Section  
Scale 1/2" = 1'-0"



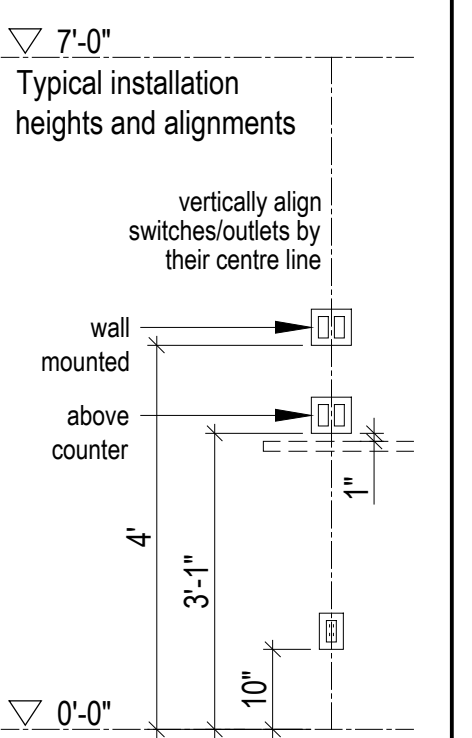
5 A602 Kitchen - Section  
Scale 1/2" = 1'-0"



1 A602 Kitchen - Enlarged Plan  
Scale 1/2" = 1'-0"



NOTE: all dimensions to be verified in field



No.	Description	Date
02	Issued for Const. Rev. 1	14.07.2017
01	Issued for Construction	01.02.2017
No.	Description	Date

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 International Residential Code.

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

**PLAN REVIEW ACCEPTANCE**

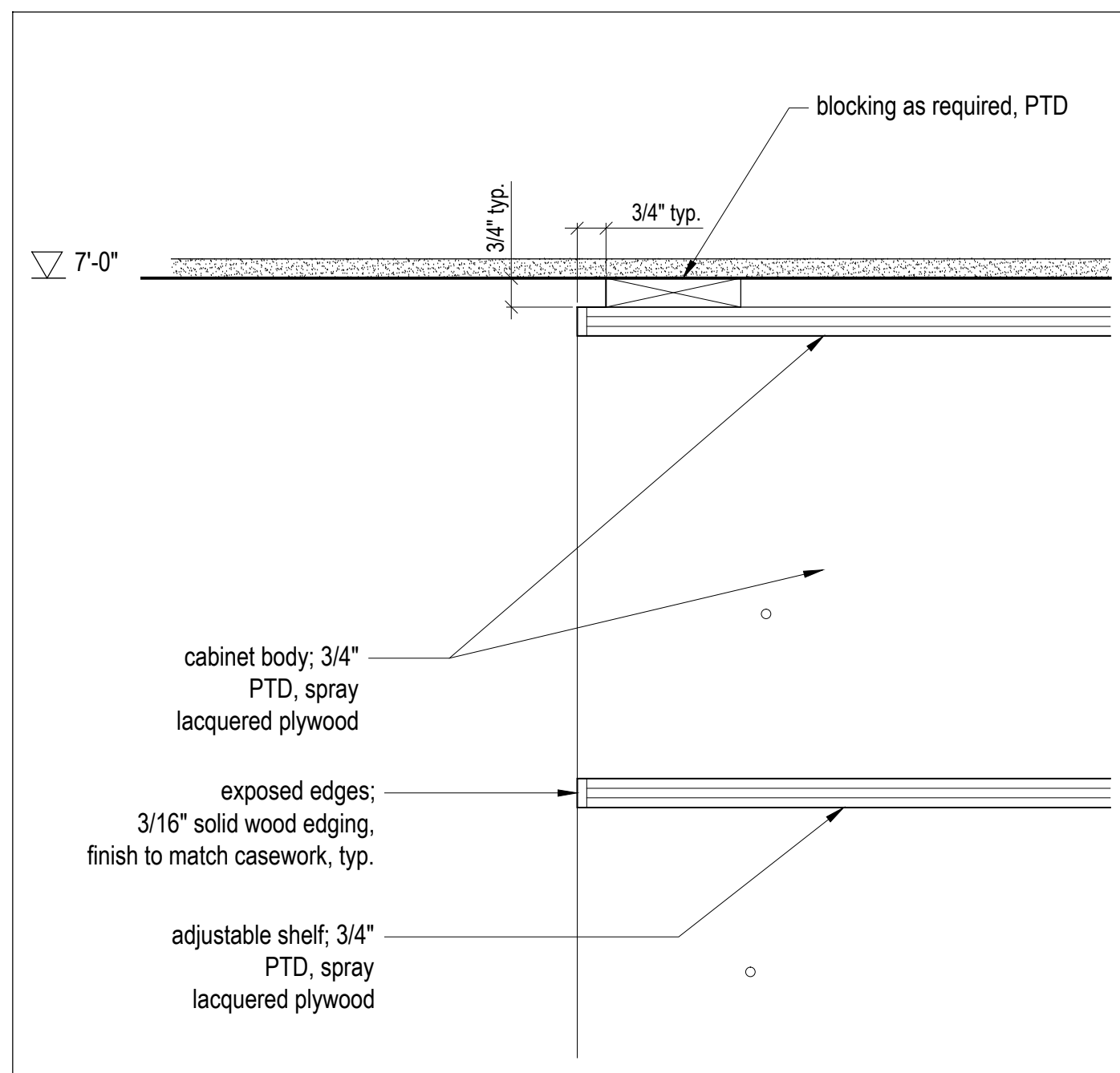
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW

<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

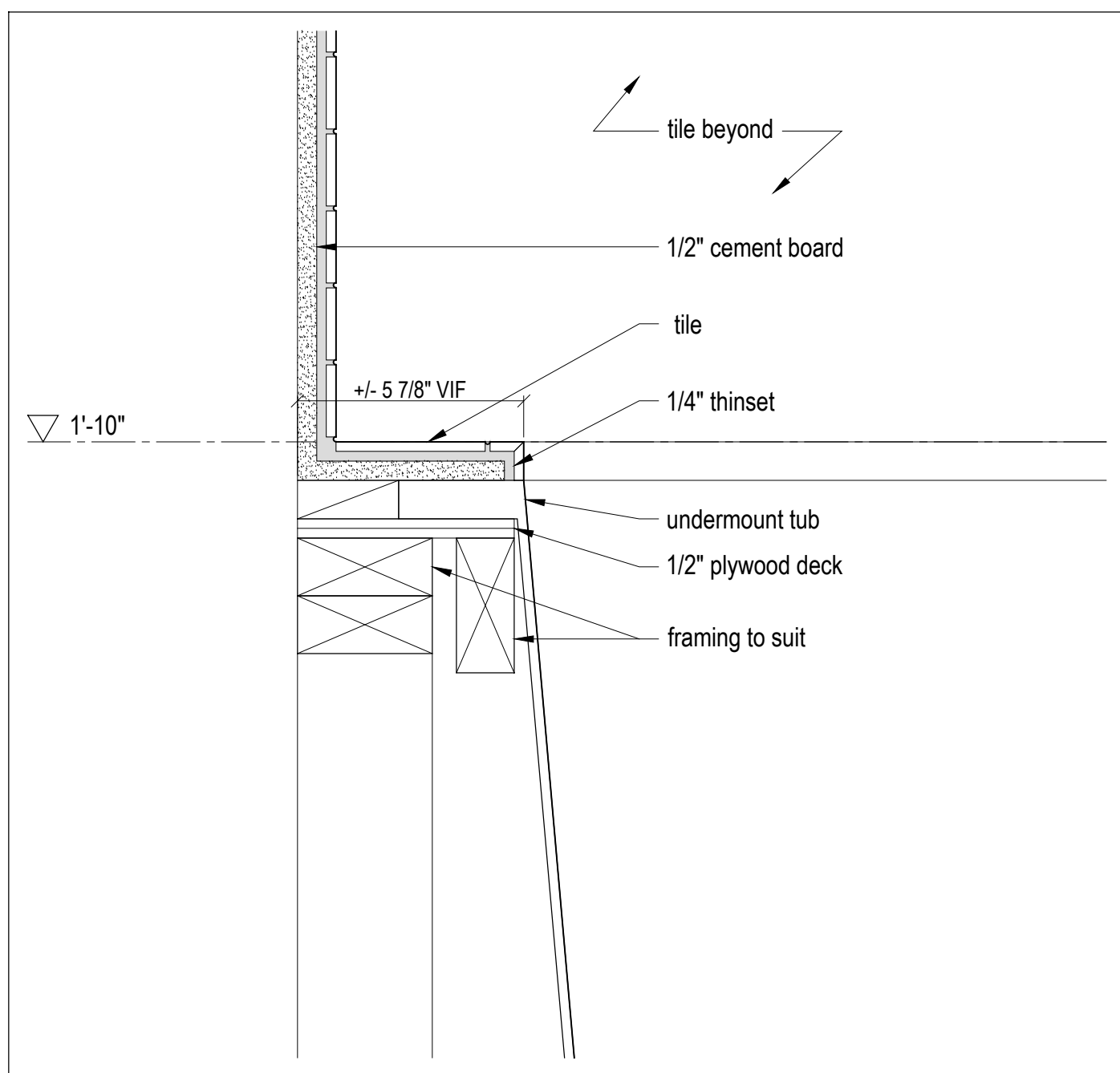
PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE OR LOCAL REGULATIONS.

MEM DATE: 08/21/17 WEST COAST CODE CONSULTANTS, INC.

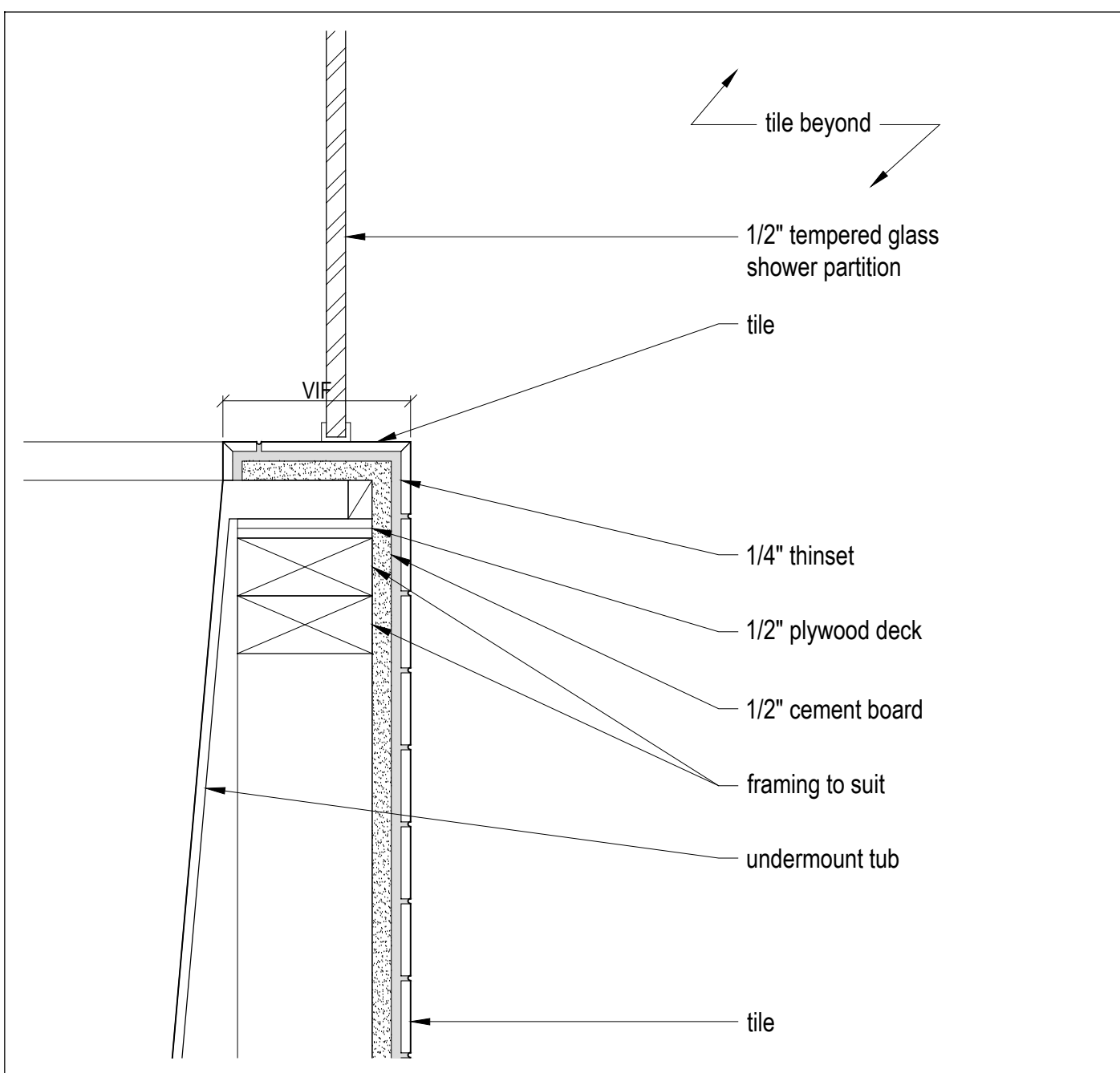




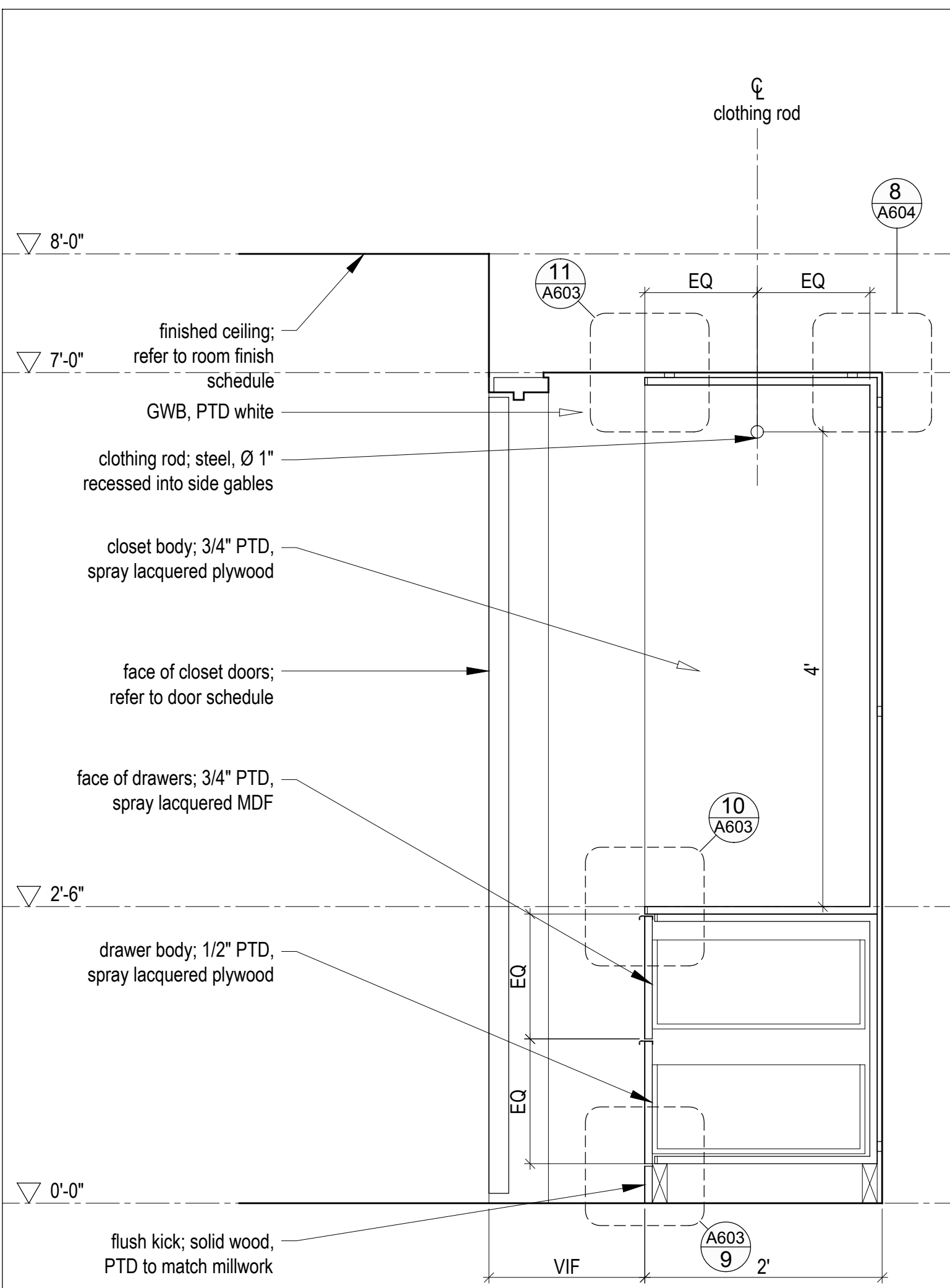
11 A603 Closet - Section Detail  
Scale 3" = 1'-0"



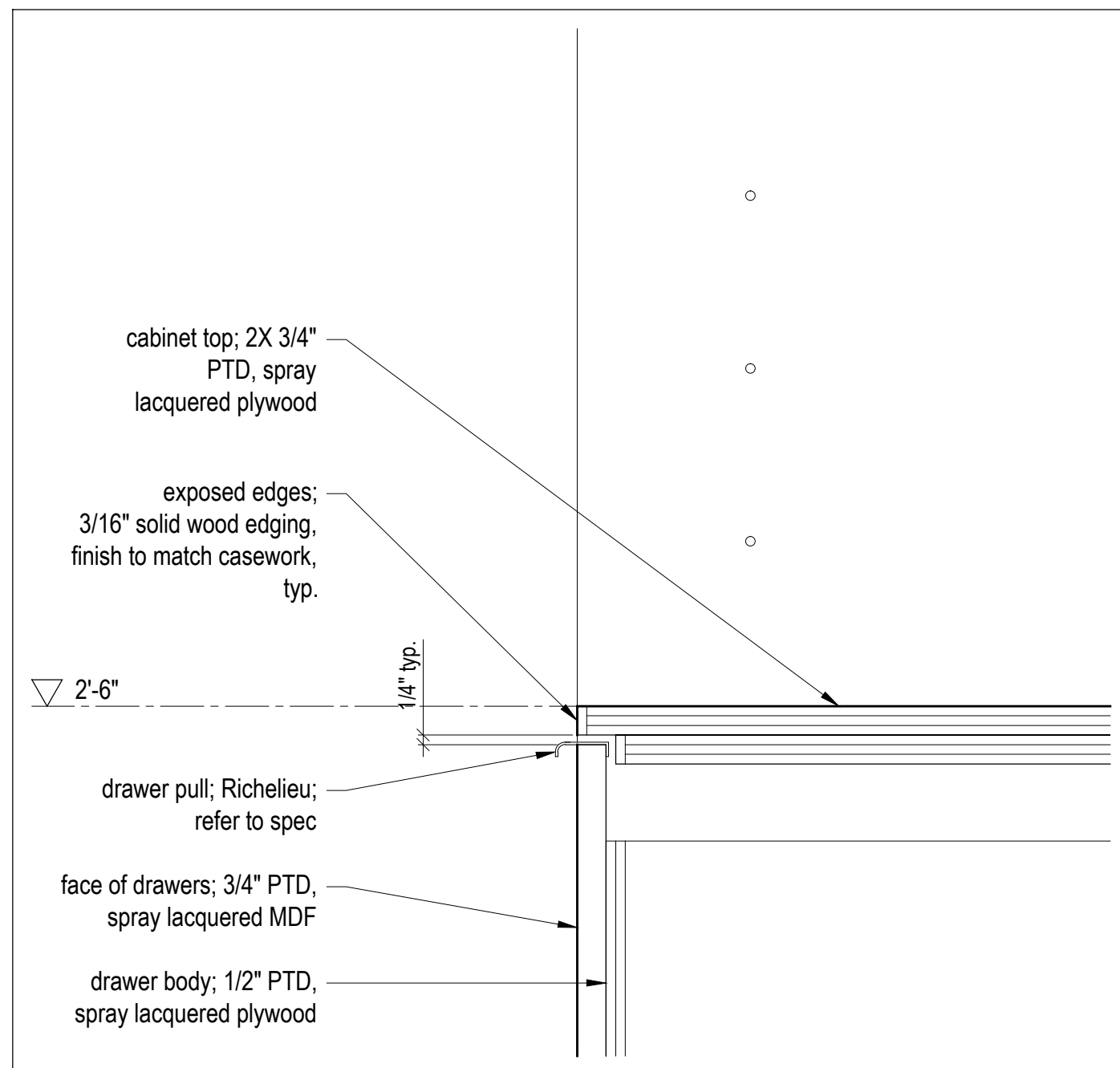
8 A603 Bathtub - Section Detail  
Scale 3" = 1'-0"



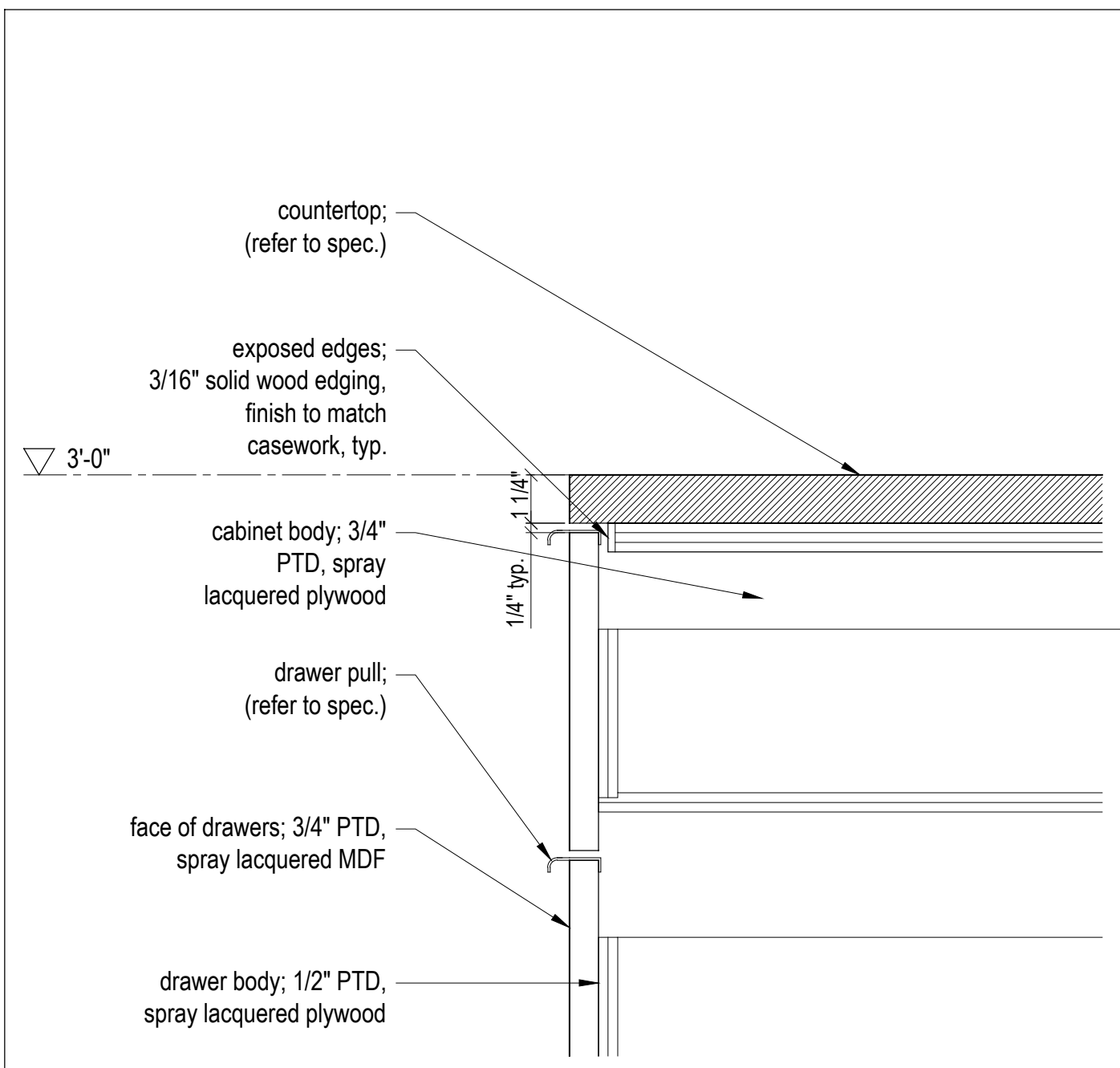
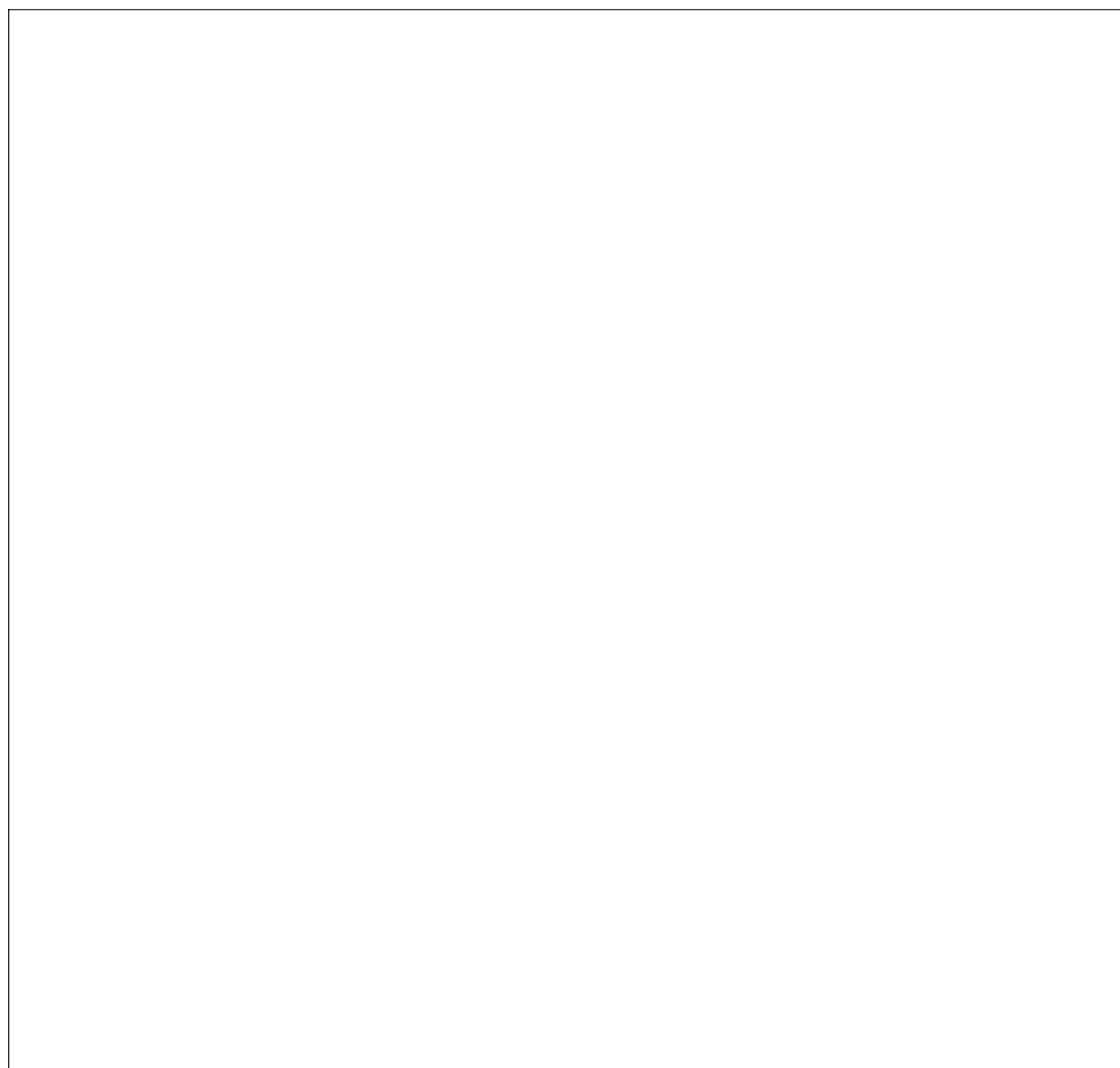
5 A603 Bathtub - Section Detail  
Scale 3" = 1'-0"



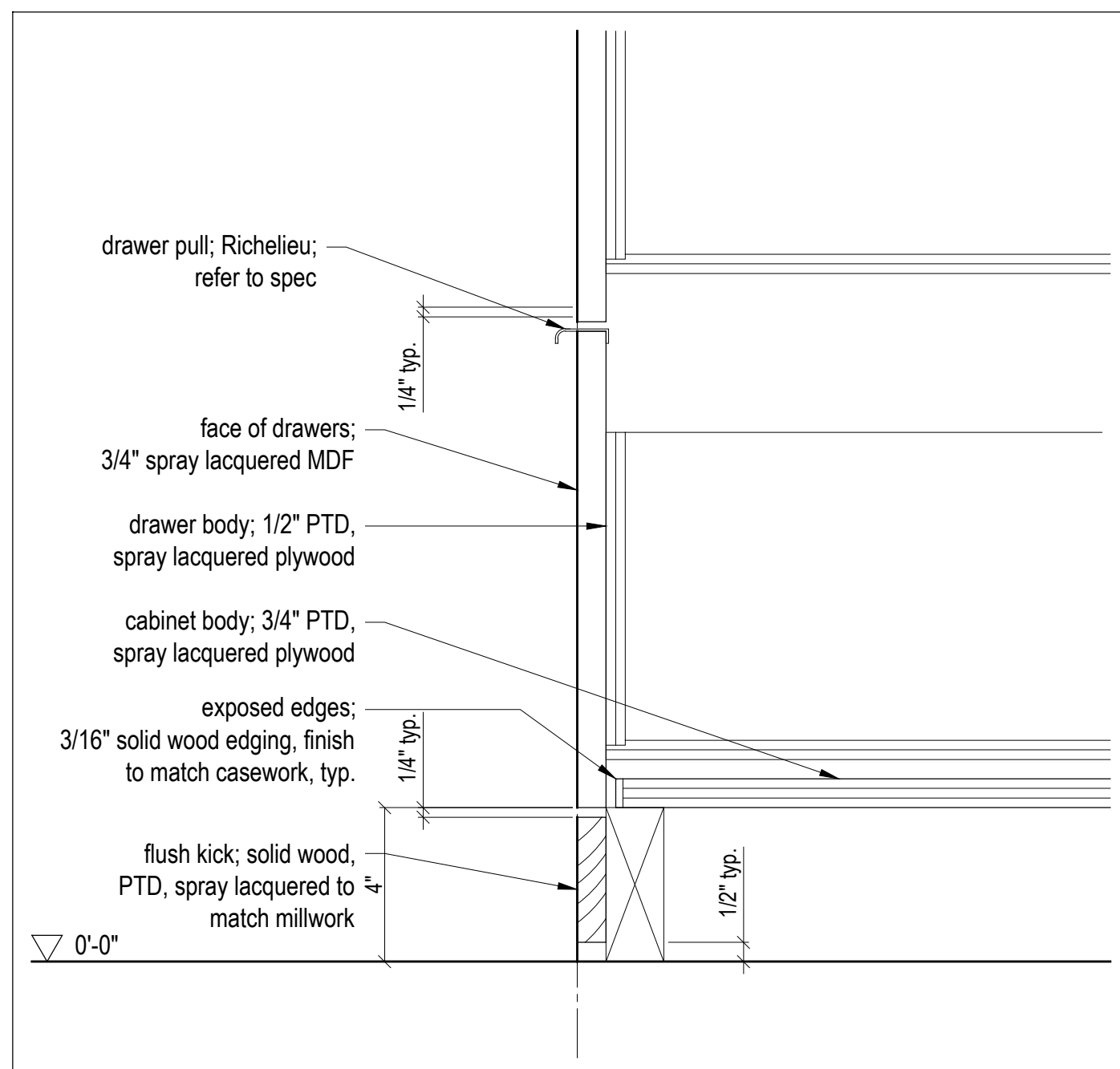
2 A603 Bedroom Closet - Section, Typ.  
Scale 1" = 1'-0"



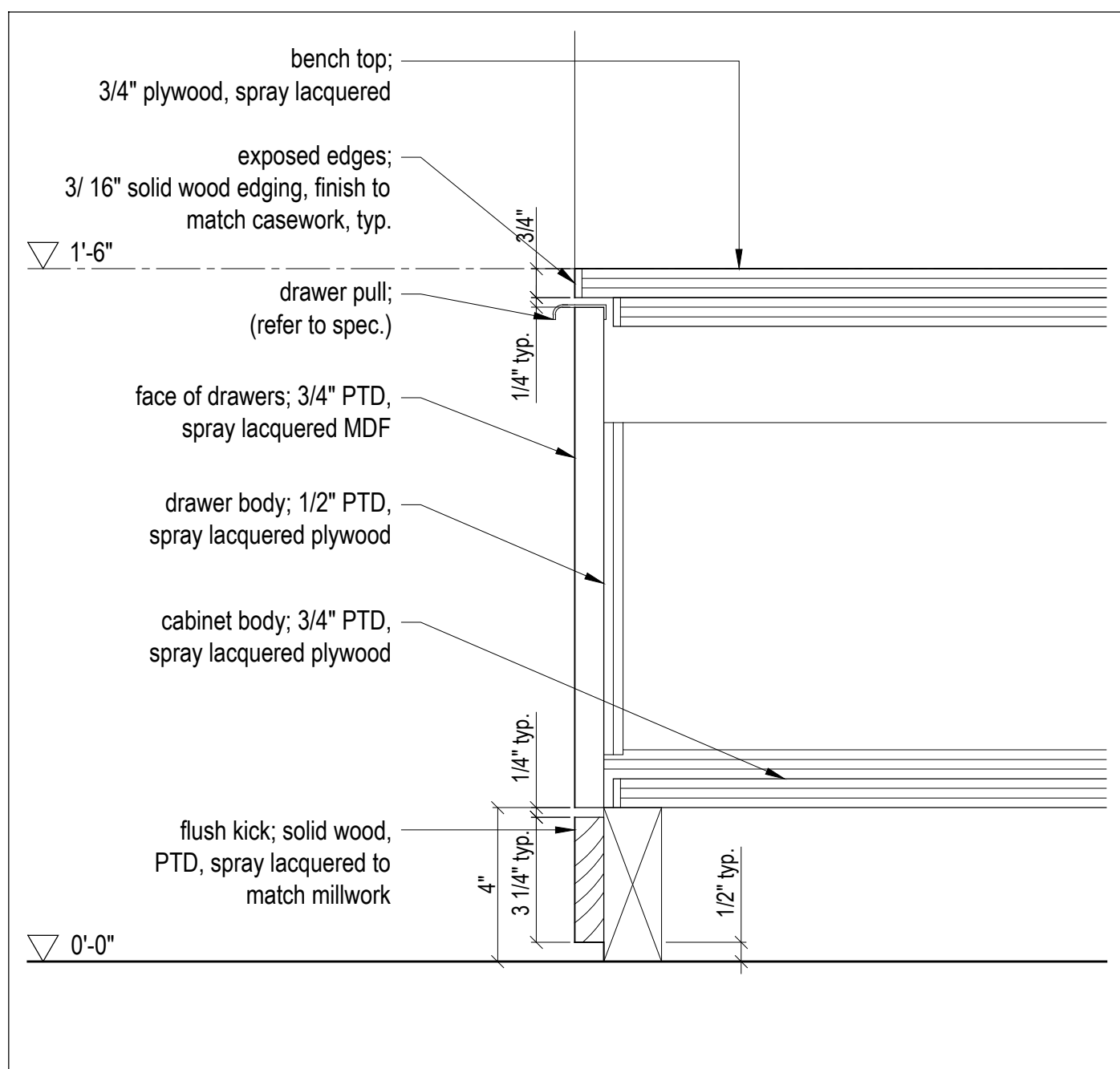
10 A603 Closet - Section Detail  
Scale 3" = 1'-0"



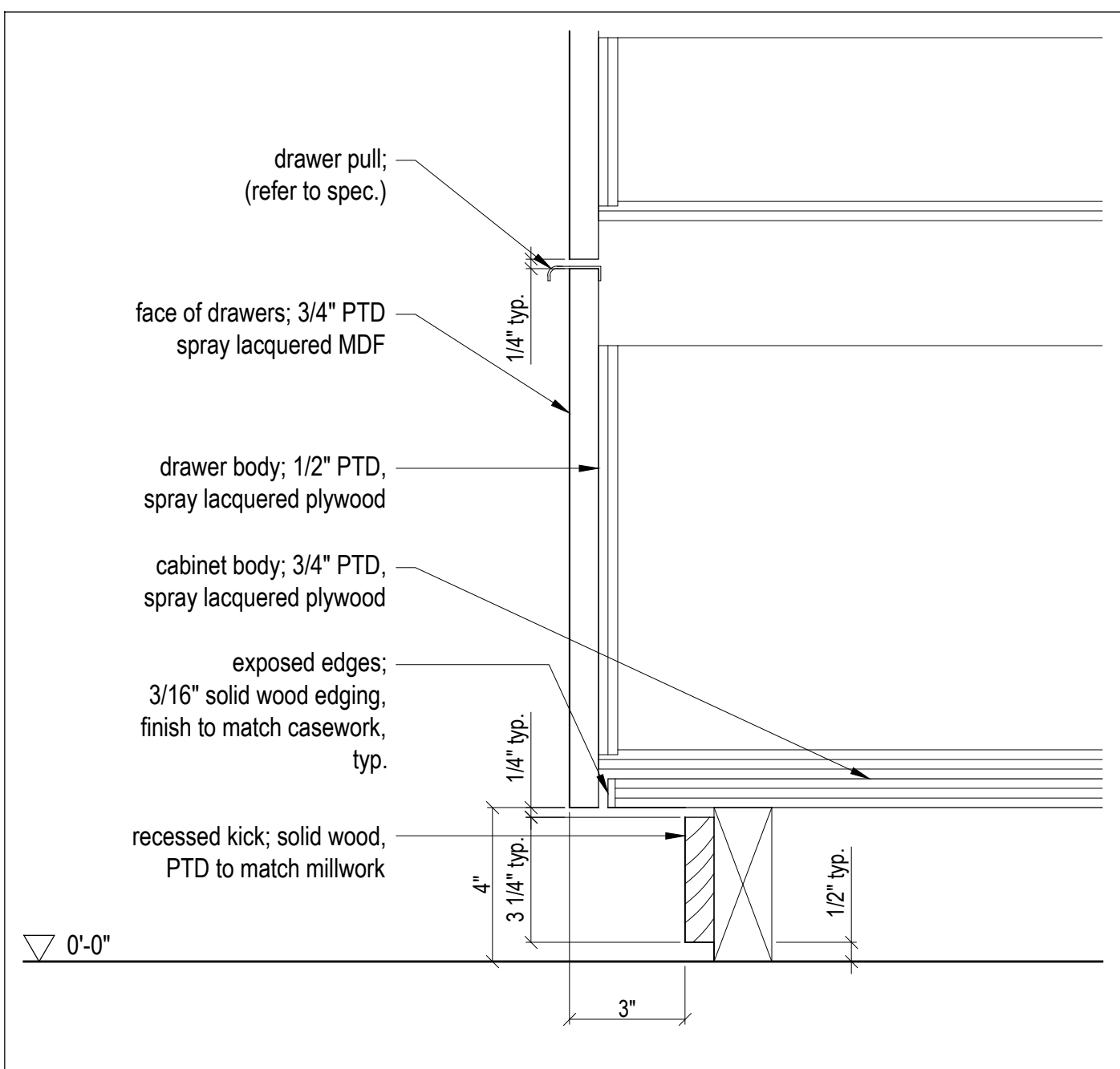
4 A603 Bathroom Vanity - Section Detail  
Scale 3" = 1'-0"



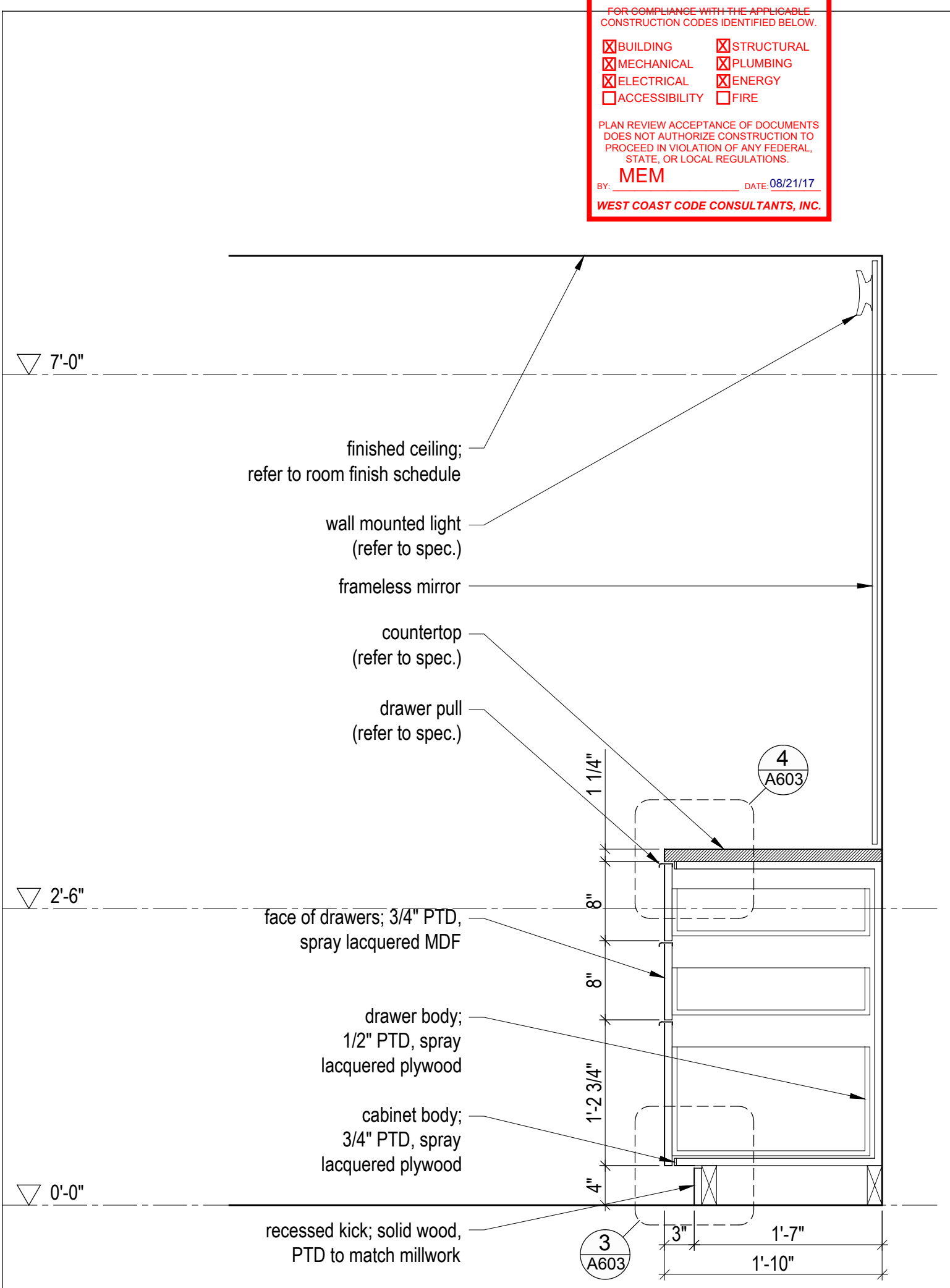
9 A603 Closet - Section Detail  
Scale 3" = 1'-0"



6 A603 Bench - Section Detail  
Scale 3" = 1'-0"



3 A603 Bathroom Vanity - Section Detail  
Scale 3" = 1'-0"



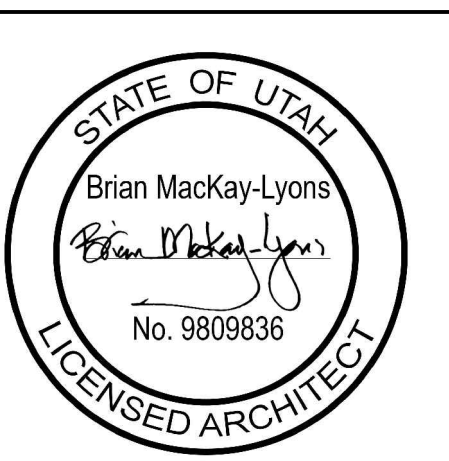
1 A603 Bathroom Vanity - Section, Typ.  
Scale 1" = 1'-0"

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

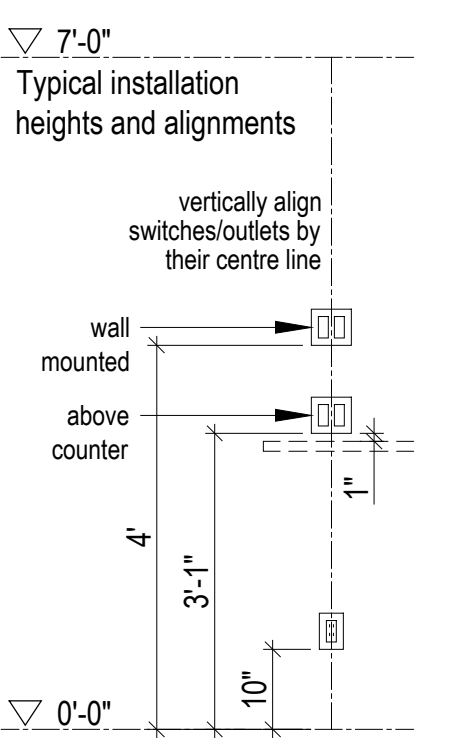
BUILDING  STRUCTURAL  
 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE

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

BY: MEM DATE: 08/21/17  
WEST COAST CODE CONSULTANTS, INC.



NOTE: all dimensions to be verified in field



No.	Description	Date
02	Issued for Const. Rev. 1	14.07.2017
01	Issued for Construction	01.02.2017

Revision:

**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.

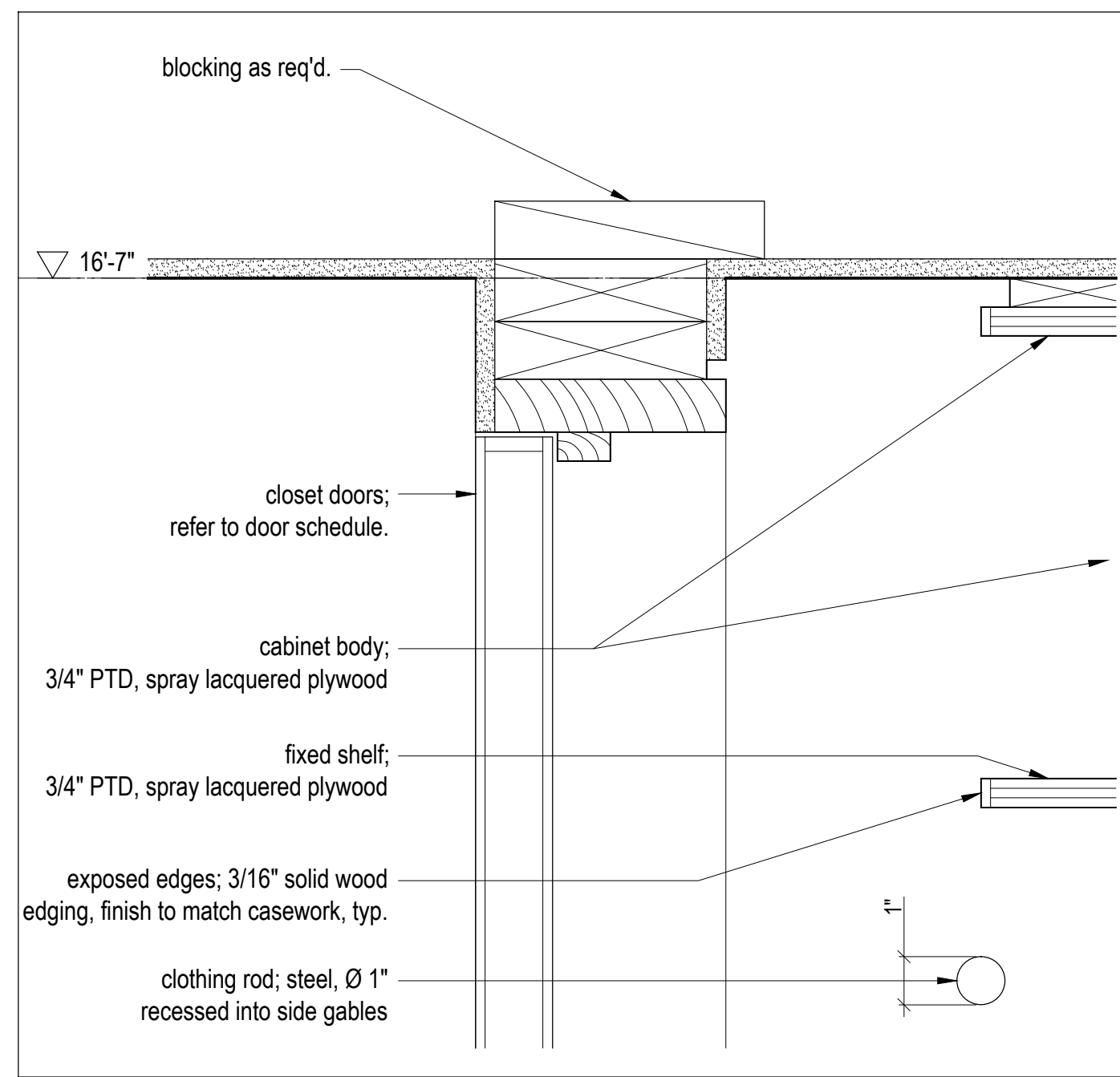
**ENGINEER'S REQUIREMENTS AND APPROVALS:**  
It is the Builder's responsibility to notify Mackay-Lyons Sweetapple Architects Ltd. and to seek prior written approval for materials and workmanship which deviates from instructions provided by the Engineer.

**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.

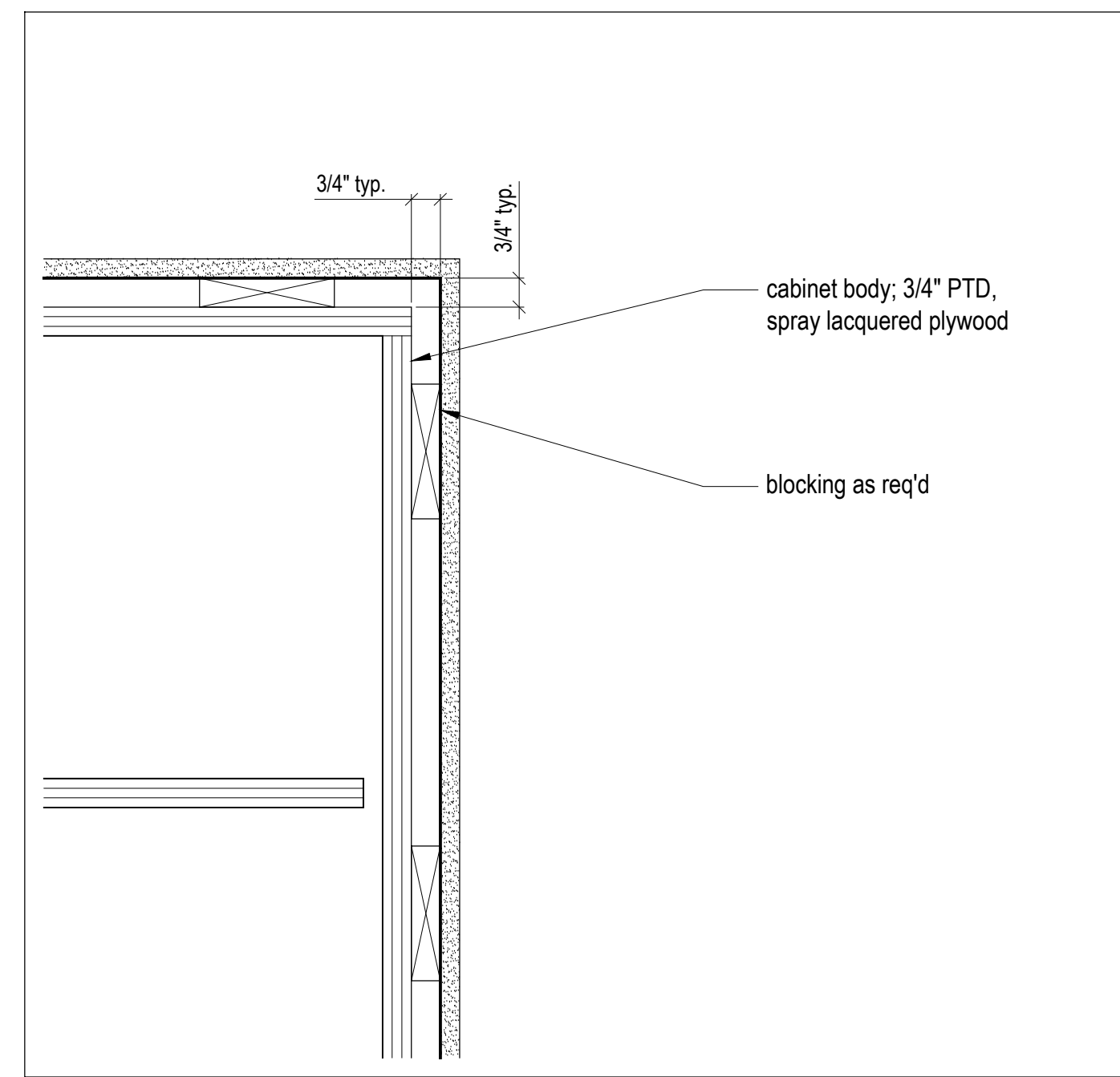
**DIMENSIONS:**  
All dimensions must be verified on site. Do not scale off drawings. Plans take precedent over elevations. In the absence of dimensions, or if discrepancies exist, consult Architect. All minimum dimensions are to comply with the International Residential Code.

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

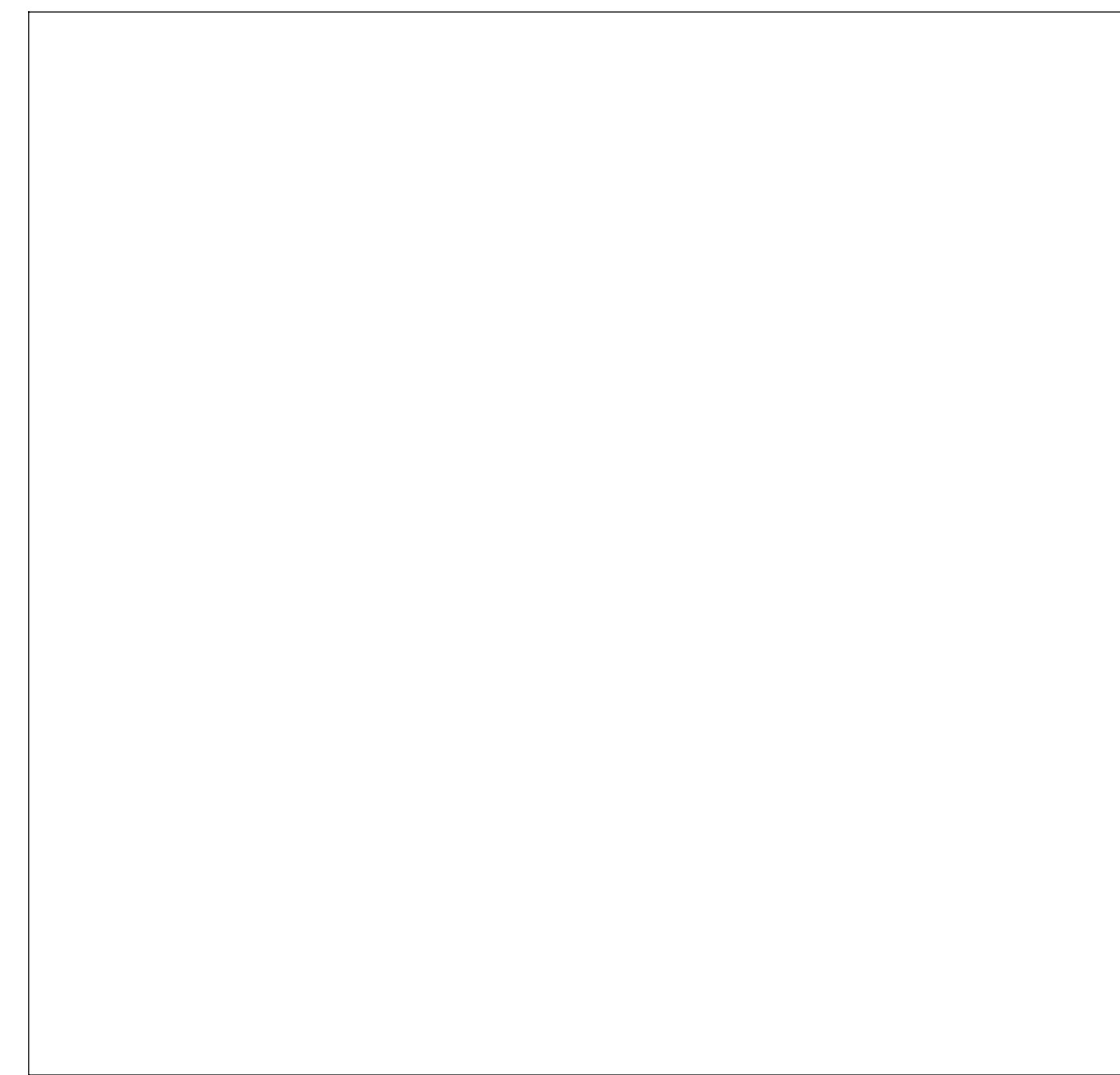




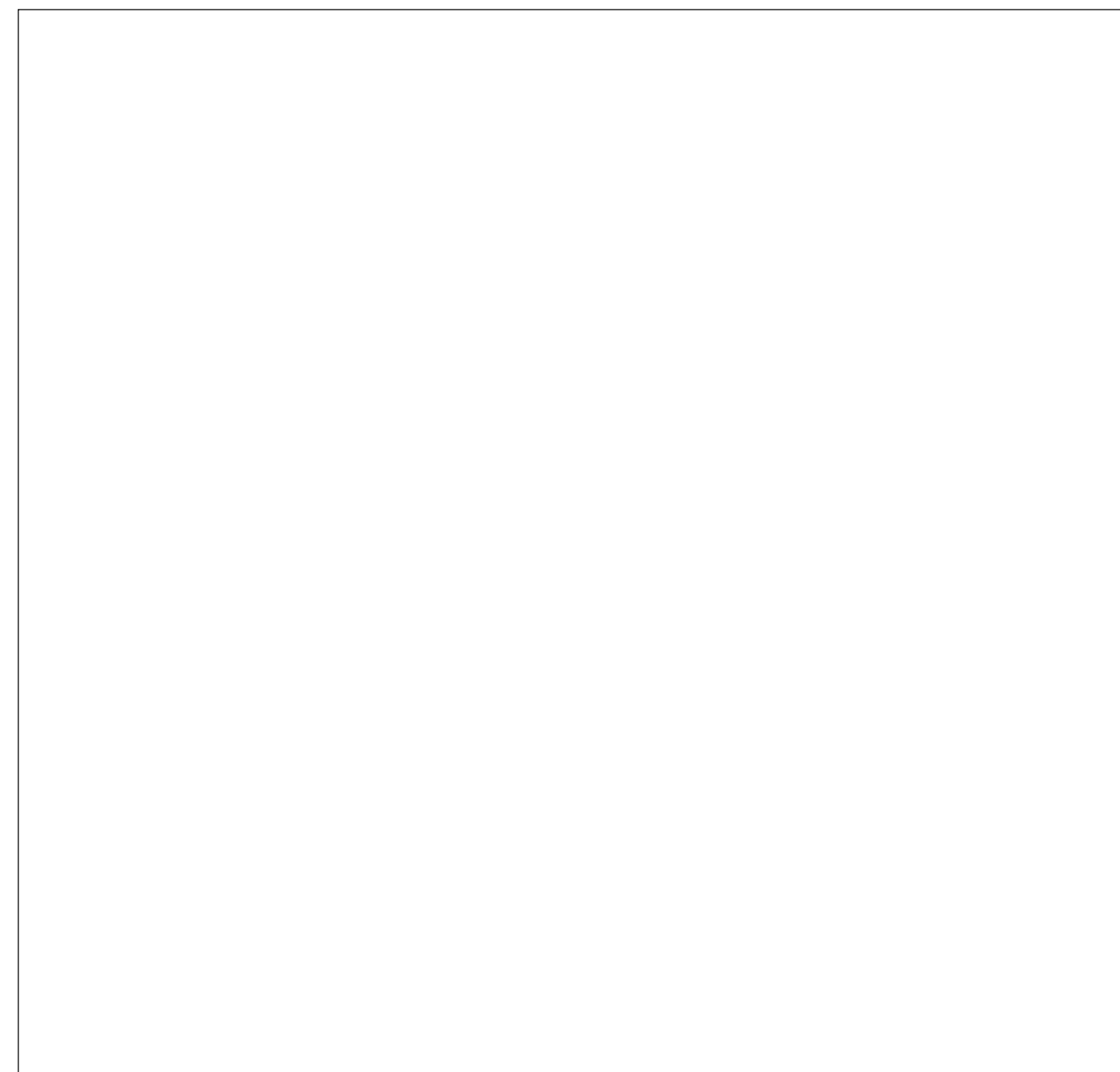
11 A604 Closet - Section Detail  
Scale 3" = 1'-0"



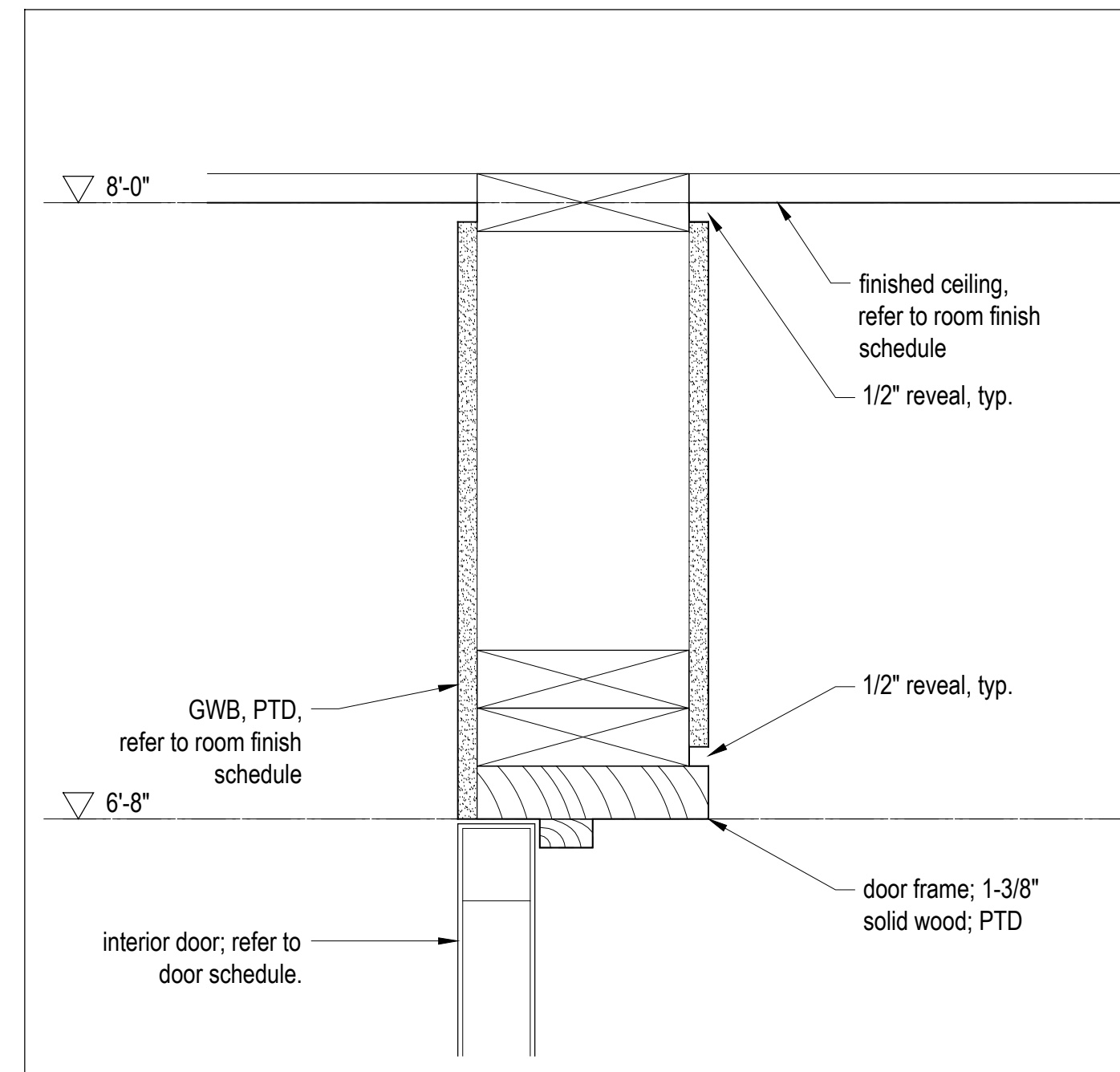
8 A604 Closet - Section Detail  
Scale 3" = 1'-0"



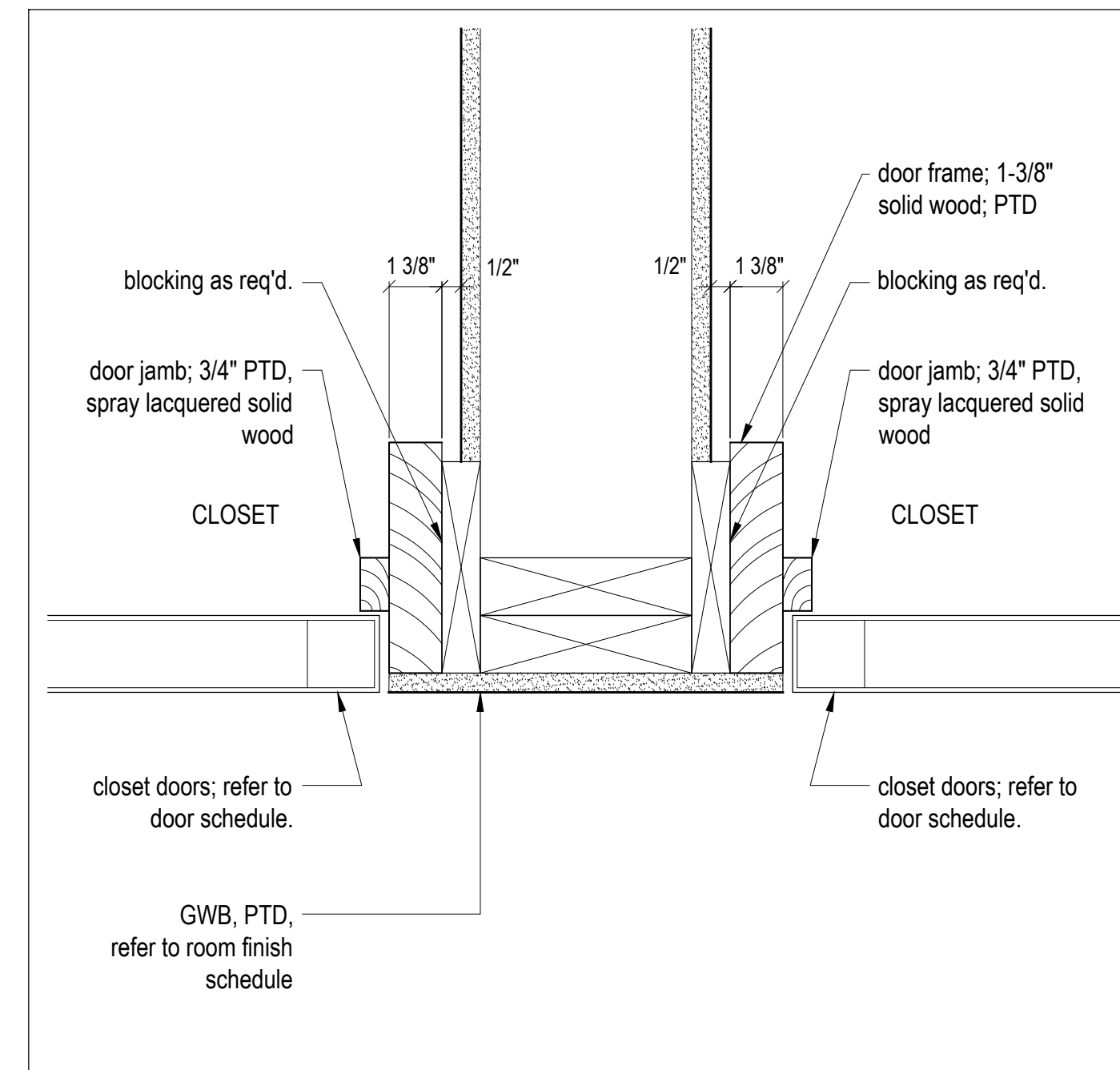
5 A604 Not in use



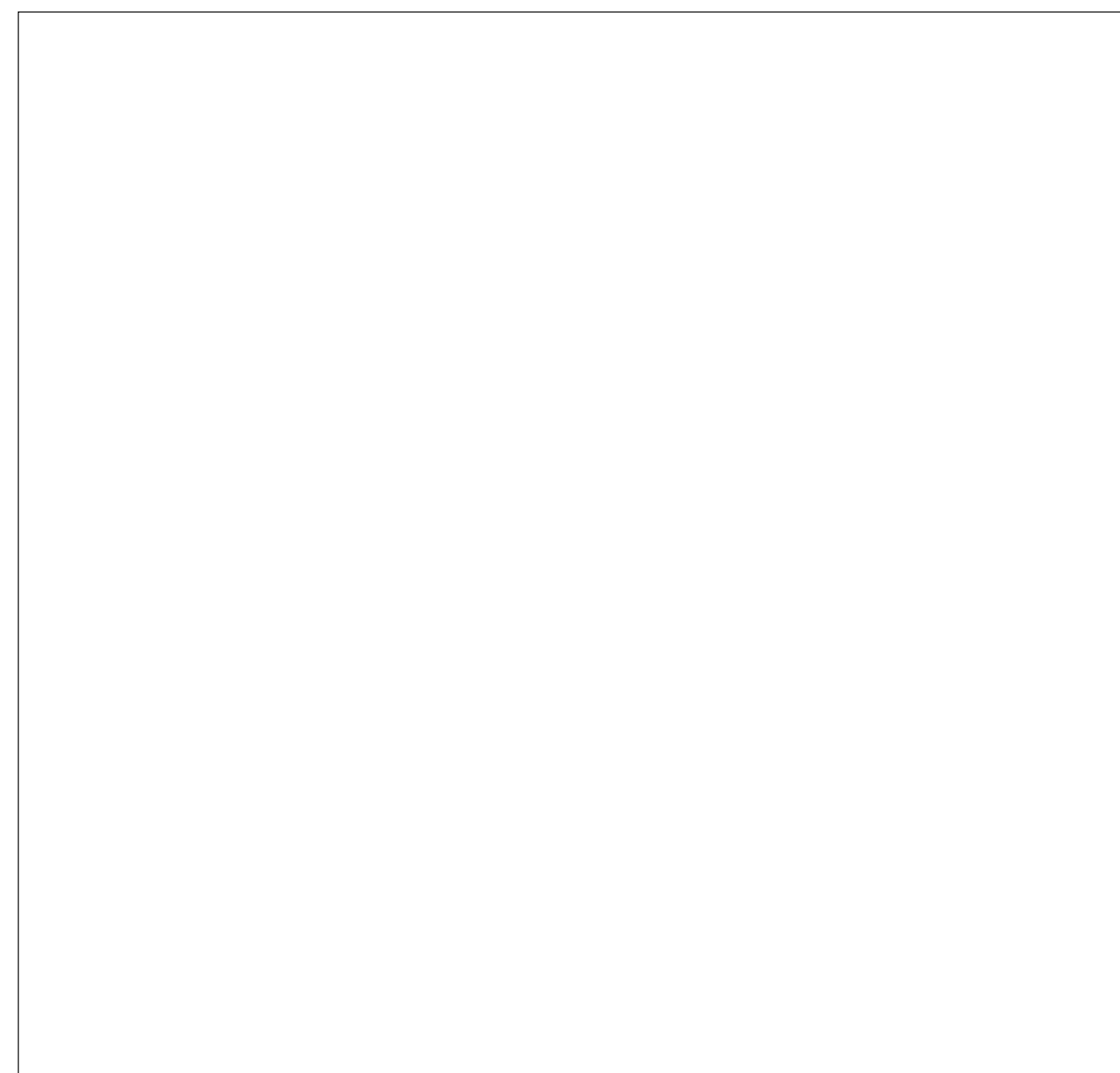
10 A604 Not in Use



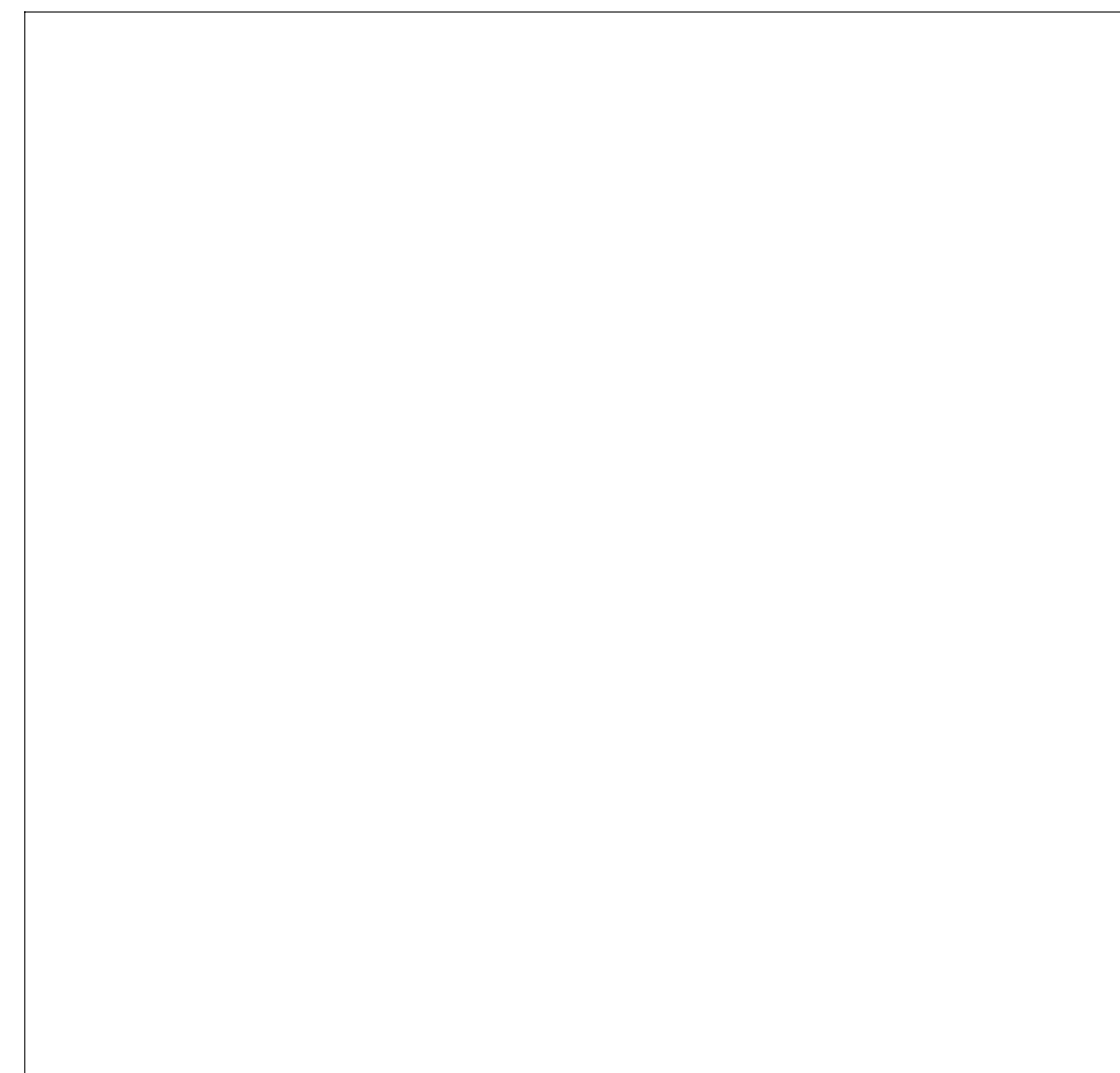
7 A603 Door Frame - Head Detail, Typ.



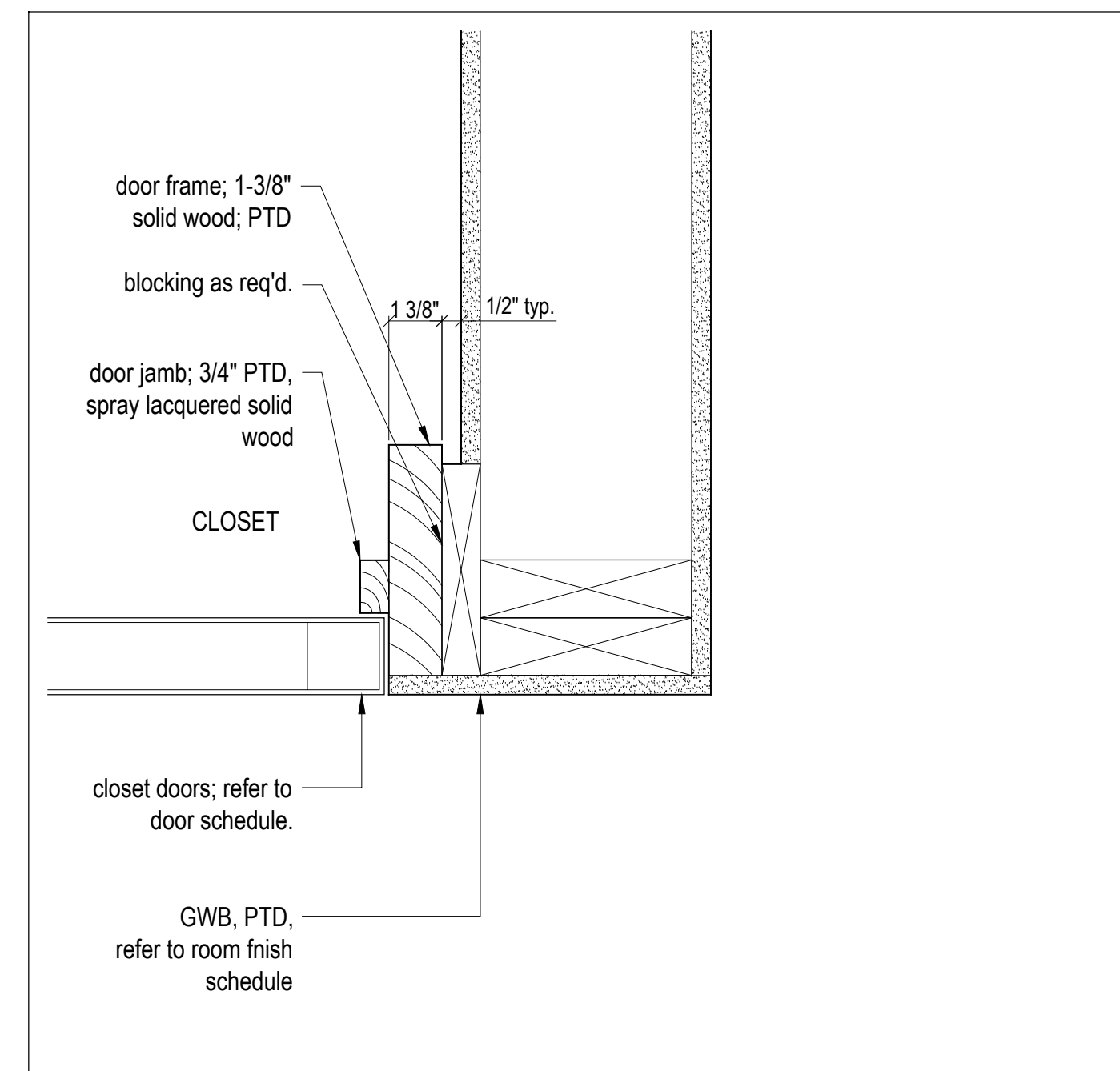
4 A604 Door Frame - Plan Detail, Typ.  
Scale 3" = 1'-0"



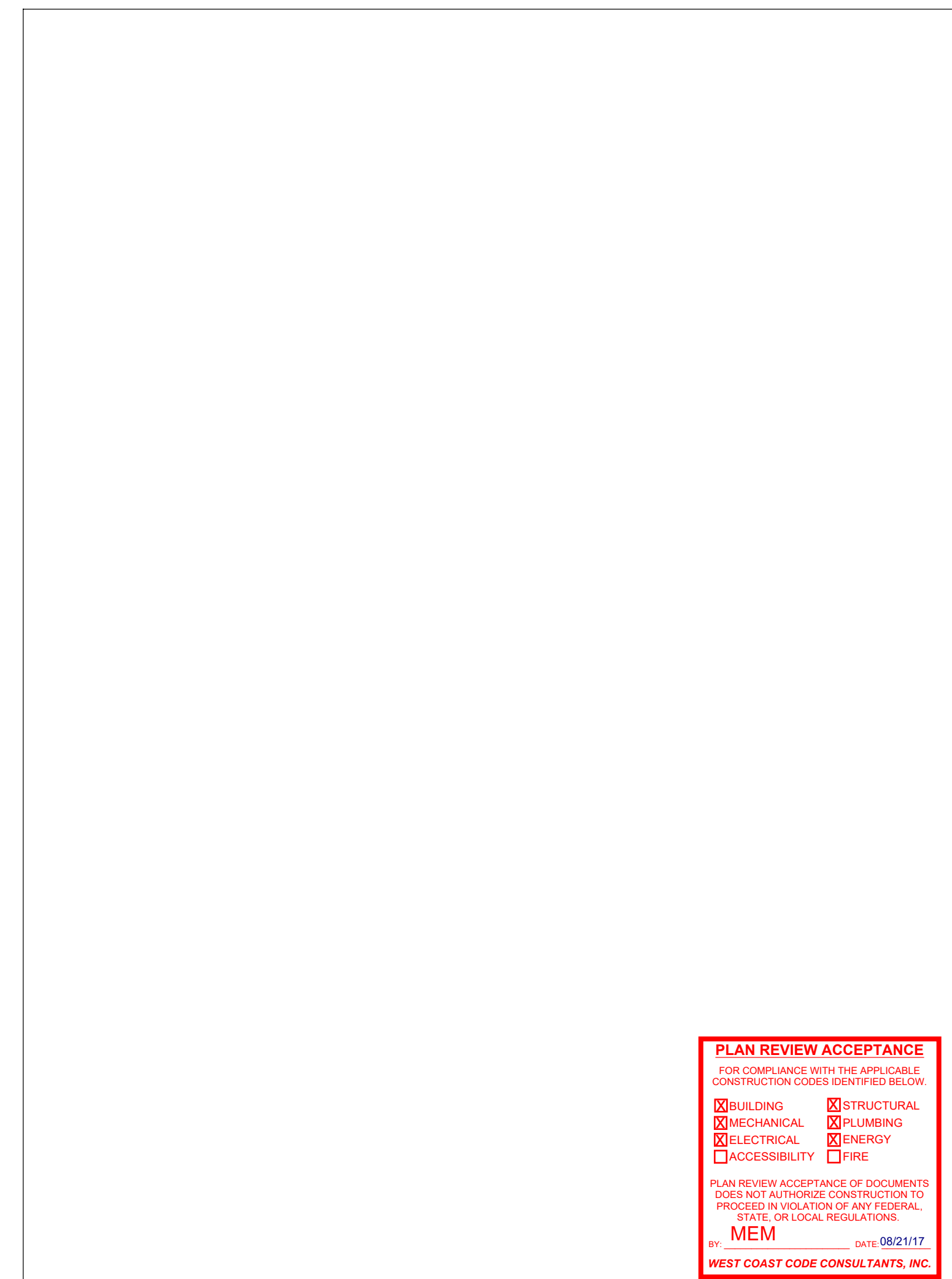
9 A604 Not in Use



6 A604 Not in Use



3 A604 Door Frame - Plan Detail, Typ.  
Scale 3" = 1'-0"

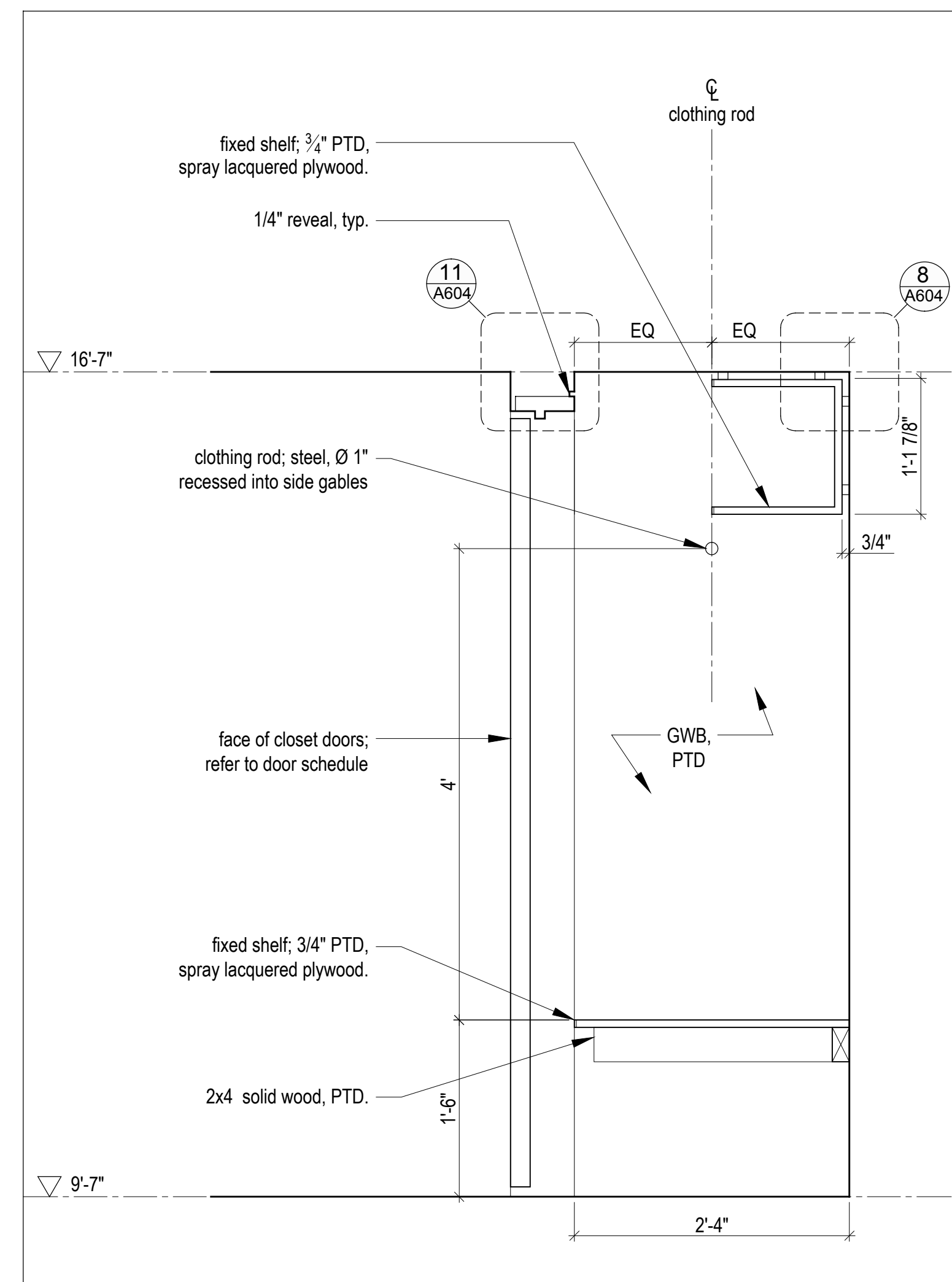


2 A604 Not in use

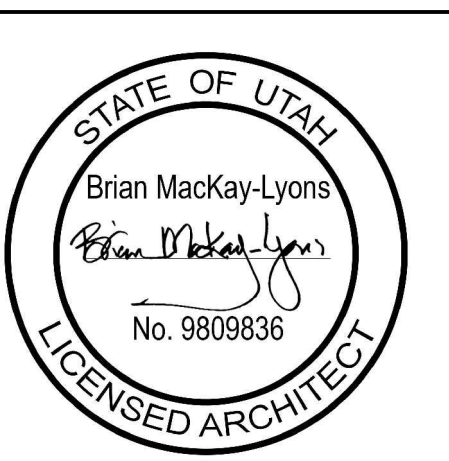
**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW

<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

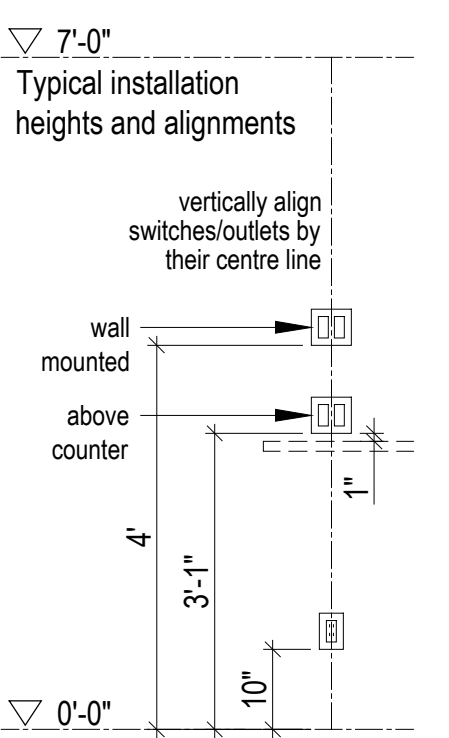
PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE OR LOCAL REGULATIONS.  
BY: MEM DATE 08/21/17  
WEST COAST CODE CONSULTANTS, INC.



1 A604 Mud Room Closet  
Scale 1" = 1'-0"



NOTE: all dimensions to be verified in field



No.	Description	Date
02	Issued for Const. Rev. 1	14.07.2017
01	Issued for Construction	01.02.2017

**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 International Residential Code.

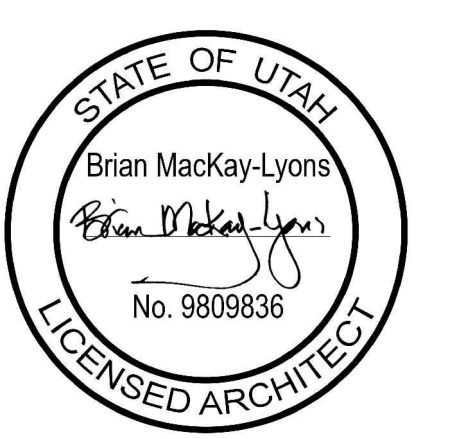
**SHOP DRAWINGS:**  
Submit shop drawings to the Architect and Engineer for approval prior to manufacture of prefabricated elements of the building.







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
02	Issued for Const. Rev. 1	14.07.2017
01	Issued for Construction	01.02.2017
No.	Description	Date

**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.

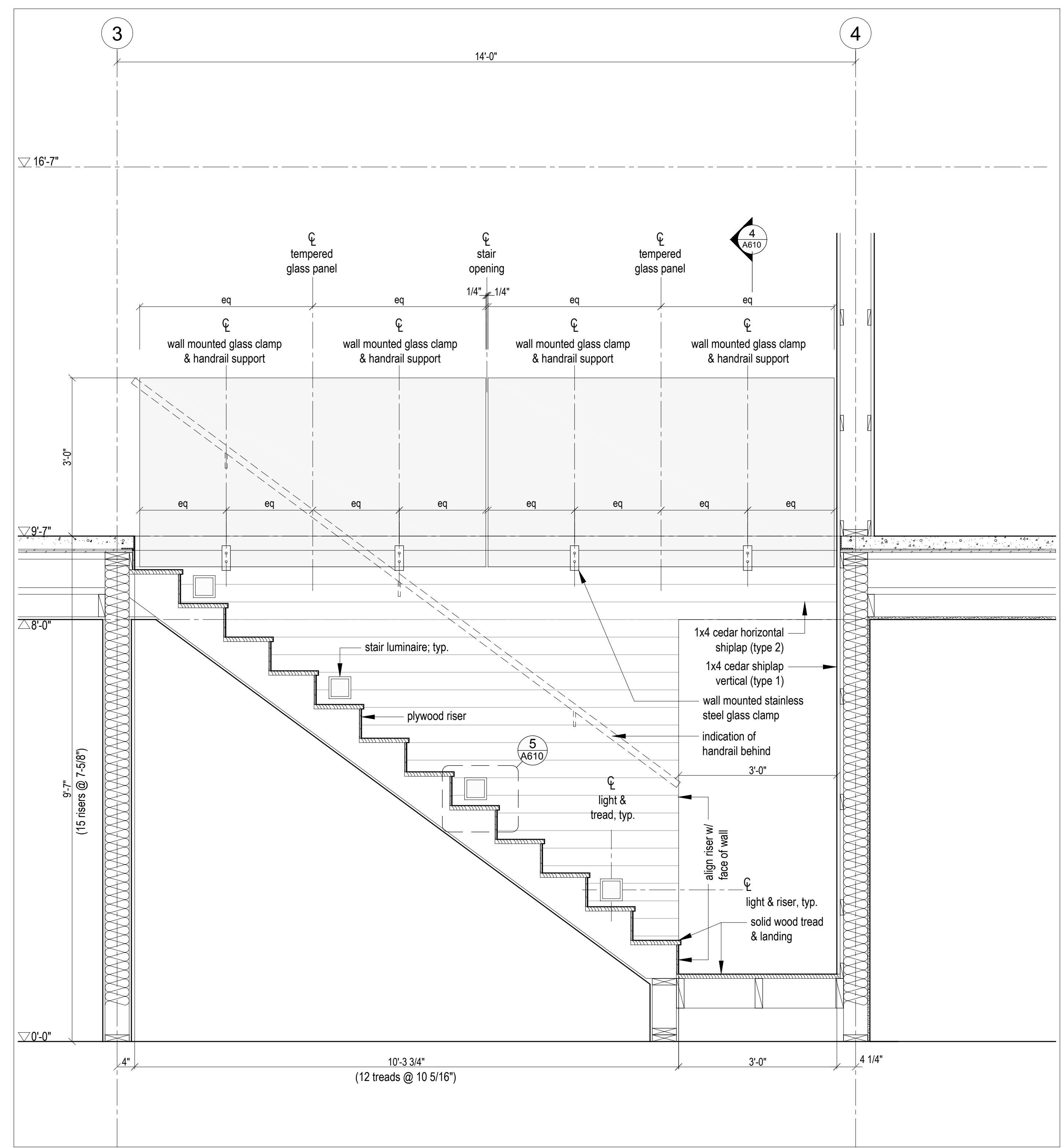
**ENGINEER'S REQUIREMENTS AND APPROVALS:**  
 It is the Builder's responsibility to notify Mackay-Lyons Sweetapple Architects Ltd. and to seek prior written approval for materials and workmanship which deviates from instructions provided by the Engineer.

**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.

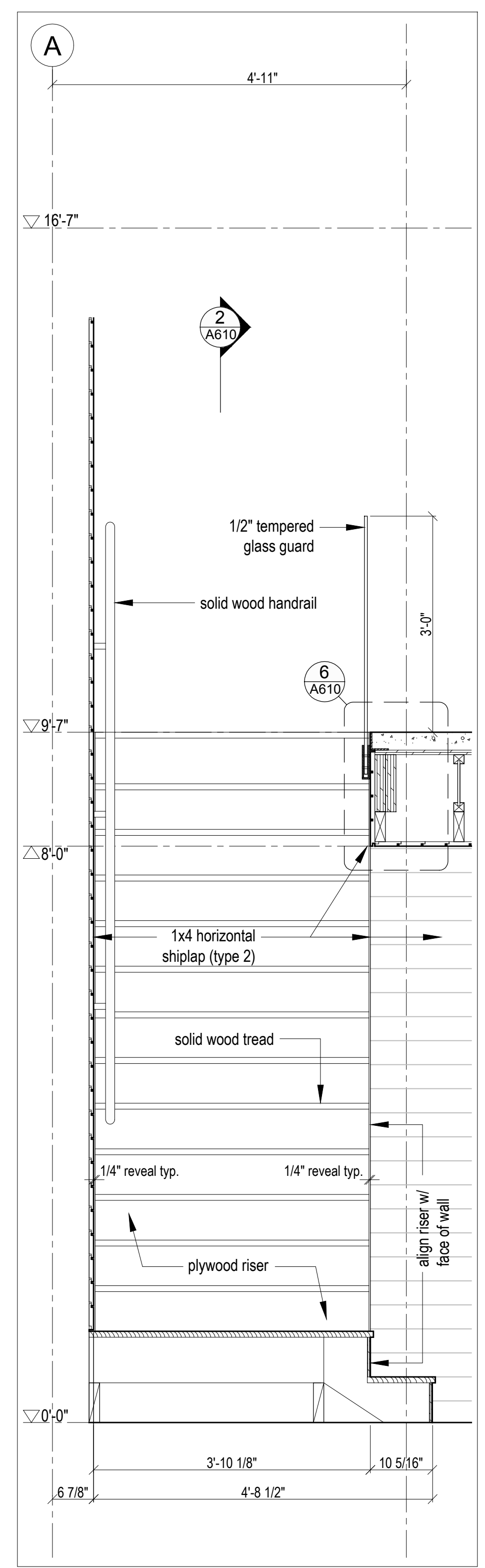
**DIMENSIONS:**  
 All dimensions must be verified on site. Do not scale off drawings. Plans take precedent over elevations. In the absence of dimensions, or if discrepancies exist, consult Architect. All minimum dimensions are to comply with the International Residential Code.

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

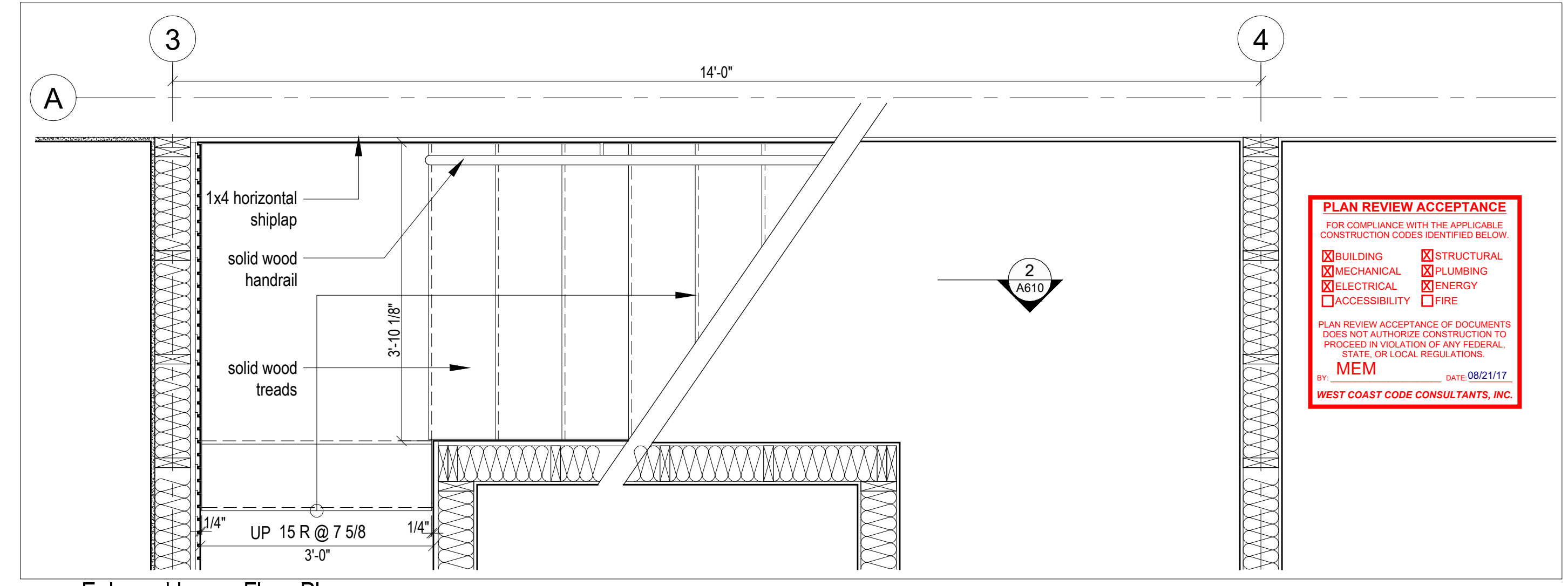
**Cabin 2500**  
**Stair**  
 scale: varies  
 date: 16-04-20  
 drawn: MJI/E  
 chkd: BML  
**A610**



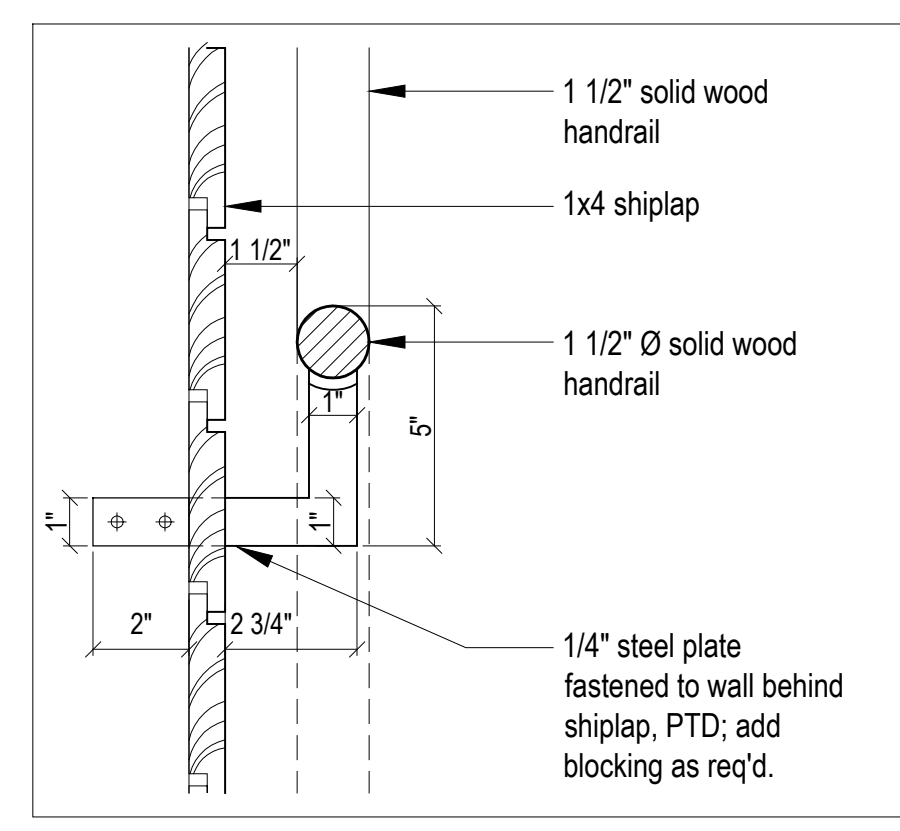
2 Stair Section  
 3/4"=1'-0"



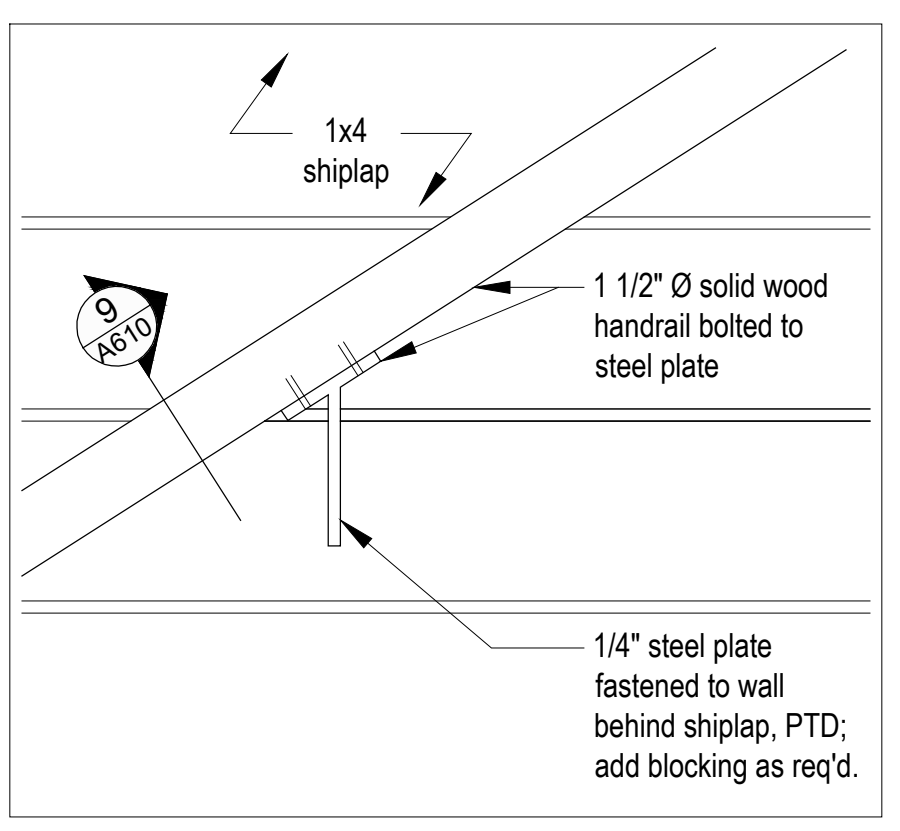
4 Stair Section  
 3/4"=1'-0"



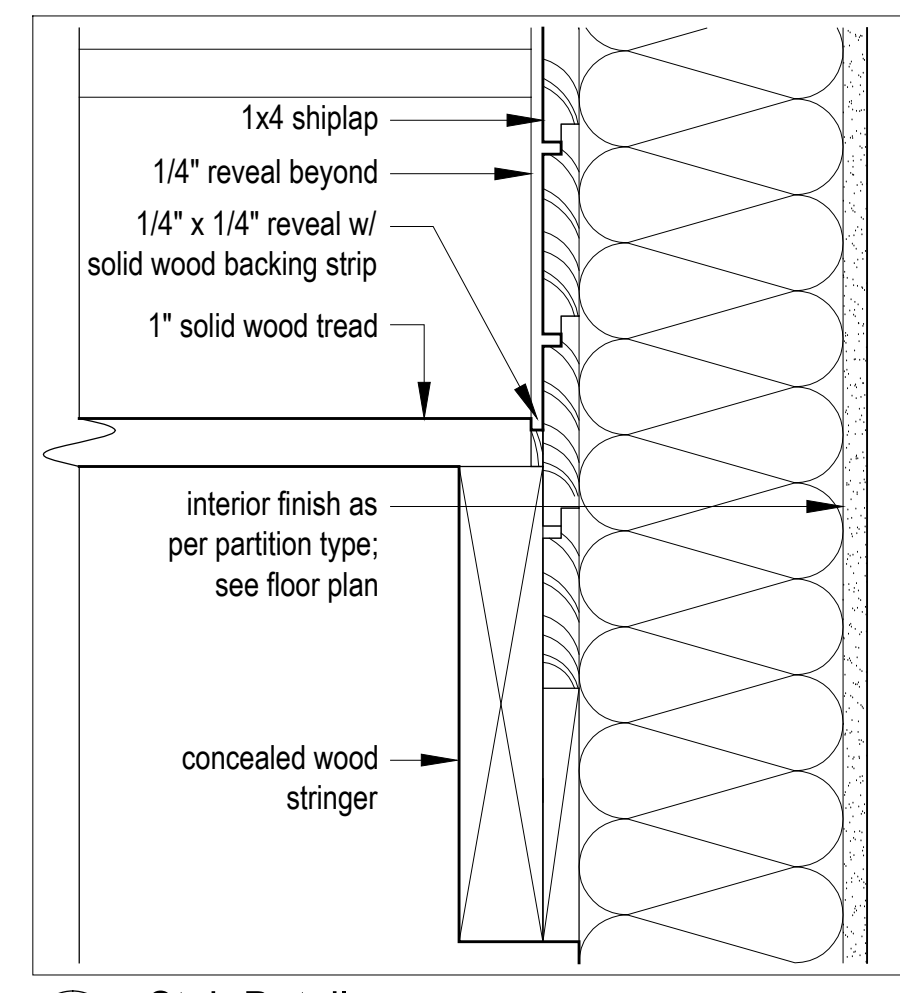
1 Enlarged Lower Floor Plan  
 3/4"=1'-0"



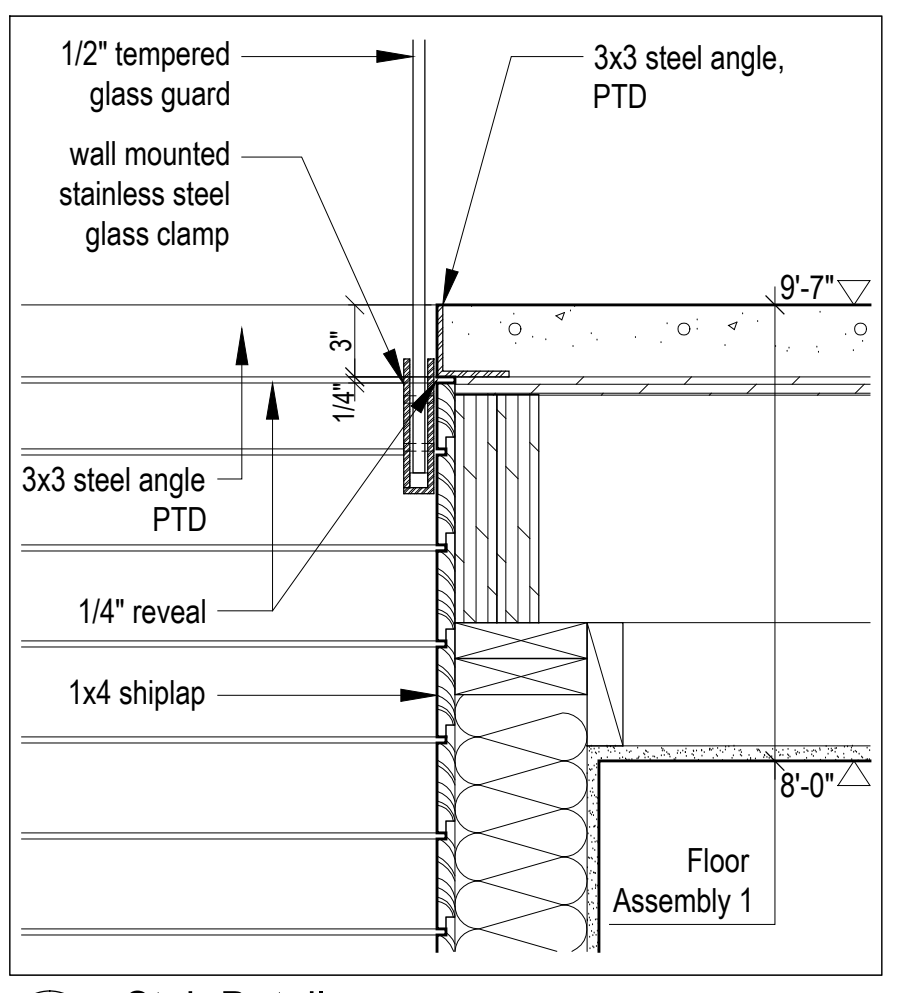
9 Handrail Detail  
 3"=1'-0"



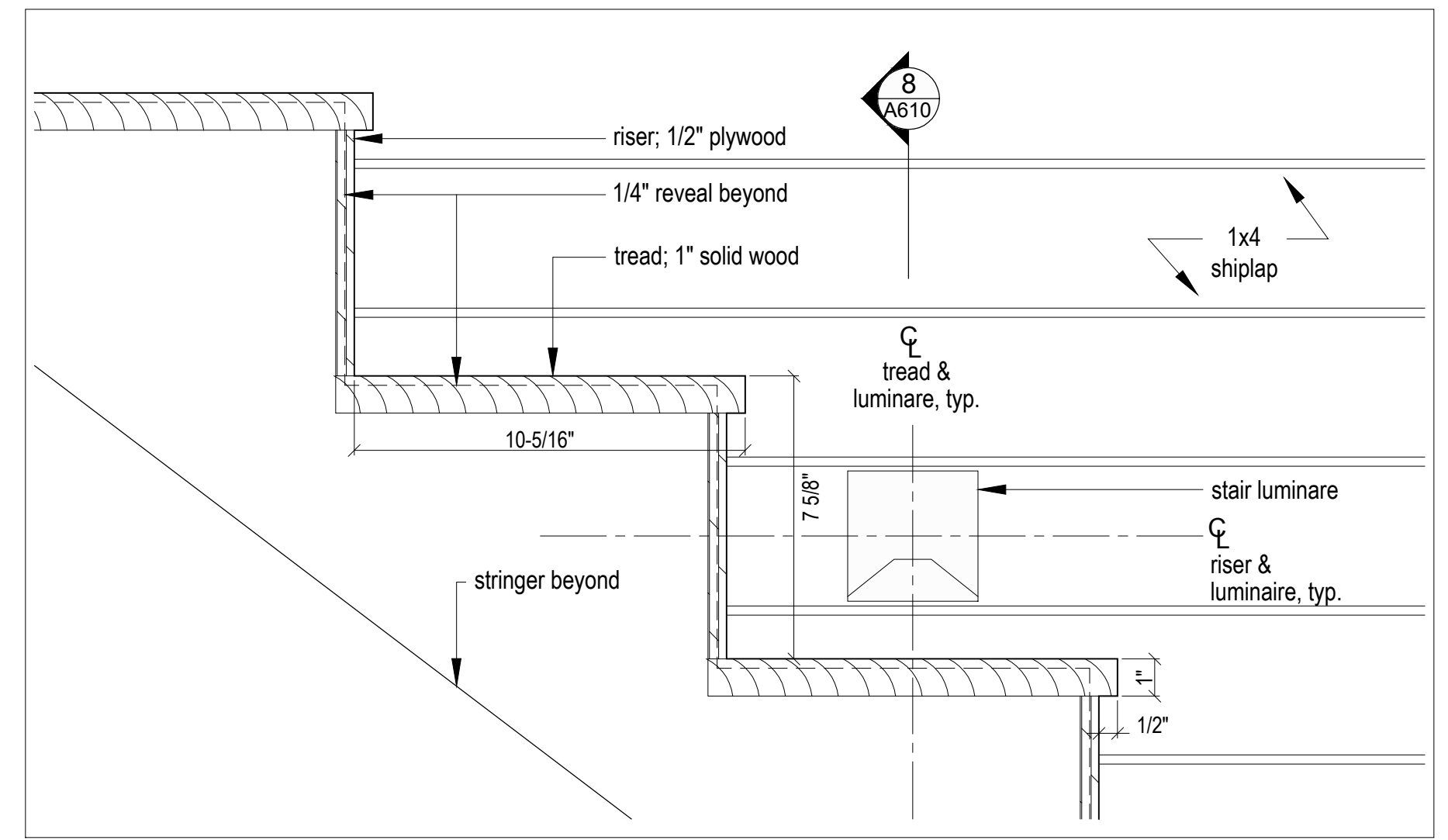
7 Handrail Detail  
 3"=1'-0"



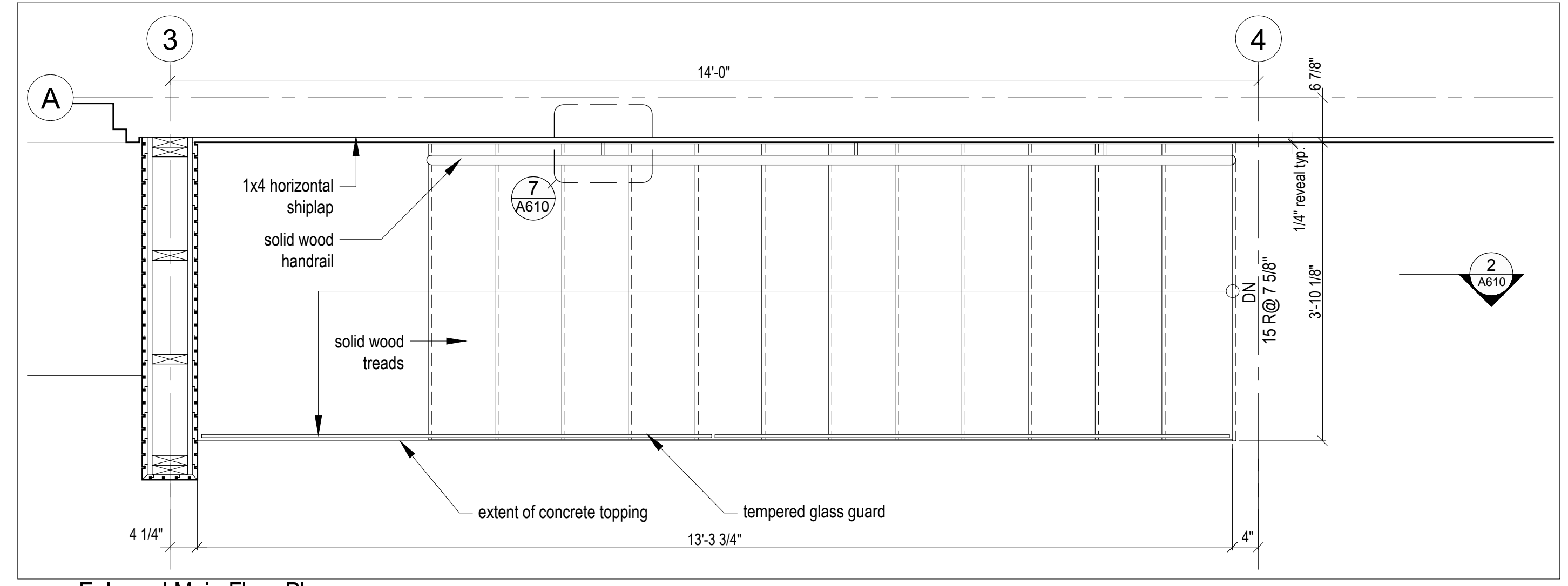
8 Stair Detail  
 3"=1'-0"



6 Stair Detail  
 1 1/2"=1'-0"



5 Stair Detail  
 3"=1'-0"



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











**GENERAL STRUCTURAL NOTES**

1. IN ALL CASES, "CONTRACTOR" SHALL REFER TO THE CONTRACTOR OR SUB-CONTRACTOR RESPONSIBLE FOR THE TRADE SPECIFICALLY REFERRED TO IN THE NOTES (i.e. STEEL CONCRETE, MASONRY). THE "CONTRACTOR" SHALL MEET ALL NOTE REQUIREMENTS AND SHALL INCLUDE THE COSTS ASSOCIATED WITH THESE REQUIREMENTS IN HIS/HER BID. THE GENERAL CONTRACTOR OR CONSTRUCTION MANAGER, IS ULTIMATELY RESPONSIBLE FOR COMPLIANCE WITH ALL NOTE REQUIREMENTS.
2. THE CONTRACTOR SHALL PERFORM HIS/HER TRADE AND DUTIES IN A MANNER CONFORMING TO THE PROCEDURES AND REQUIREMENTS AS STATED IN THE 2015 INTERNATIONAL BUILDING CODE (IBC), AND/OR LATEST CODE ADOPTED BY THE LOCAL BUILDING OFFICIAL, AND ALL LOCAL ORDINANCES.
3. THE GENERAL CONTRACTOR, OR PROJECT MANAGER, SHALL COORDINATE THE WORK PERFORMED BY ALL TRADES.
4. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND/OR ARCHITECT OF ANY DISCREPANCIES, OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR THE SPECIFICATIONS BEFORE PROCEEDING WITH ANY WORK INVOLVED. IN ALL CASES, UNLESS OTHERWISE DIRECTED, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN AND BE PERFORMED.
5. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, SLOPES AND ELEVATIONS, ETC., AT THE JOB SITE AND SHALL COORDINATE THESE WITH THE ARCHITECT AND WITH ALL TRADES. CONSTRUCTION DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.
6. VISITS TO THE JOB SITE BY REPRESENTATIVES OF THE ENGINEER DO NOT CONSTITUTE APPROVAL OF THE WORK PERFORMED BY THE CONTRACTOR OR HIS SUBCONTRACTORS; THEY ARE MERELY FOR THE PURPOSE OF OBSERVATION.
7. SHOP DRAWINGS FOR ANY FABRICATED COMPONENTS OR COMPONENTS DESIGNED BY MANUFACTURER SHALL BE APPROVED BY THE ENGINEER AND ARCHITECT PRIOR TO FABRICATION AND ERECTION. SHOP DRAWINGS SHALL BE STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE SAME STATE AS THE PROJECT.
8. THE CONTRACTOR SHALL VERIFY SIZES, LOCATIONS, LOADS, AND EQUIPMENT ANCHORAGE IN THE FIELD WITH THE EQUIPMENT MANUFACTURER (OR SUPPLIER) PRIOR TO FABRICATION OR INSTALLATION OF SUPPORTING STRUCTURES.
9. TEMPORARY SHORING (BRACING) SHALL BE PROVIDED WHERE NECESSARY. SHORING SHALL SUPPORT ALL LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED (i.e. WIND). SHORING SHALL REMAIN IN PLACE AS LONG AS MAY BE REQUIRED FOR SAFETY OR UNTIL ALL THE STRUCTURAL ELEMENTS ARE COMPLETED. ALL SHORING IS THE RESPONSIBILITY OF THE CONTRACTOR
10. DURING AND AFTER CONSTRUCTION, THE CONTRACTOR AND OWNER SHALL KEEP LOADS ON THE STRUCTURE WITHIN THE LIMITS OF THE DESIGN LOADS FOR THE OCCUPANCY. SEE STRUCTURAL PLANS AND CALCULATIONS FOR STRUCTURAL DESIGN LOADINGS AND CRITERIA.
11. ANY SPECIAL INSPECTION REQUIRED BY THE CONSTRUCTION DOCUMENTS, OR BY THE BUILDING OFFICIAL, OR BY THE IBC, IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ON BEHALF OF THE OWNER.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY AND PROTECTION WITHIN AND ADJACENT TO THE JOB SITE.
13. PRIOR APPROVAL, IN WRITING, FROM THE ENGINEER IS REQUIRED FOR ANY DEVIATION FROM THE STRUCTURAL PLANS AND/OR CONSTRUCTION DOCUMENTS. OPTIONAL MEMBER SIZES AND VARIATIONS IN THE FRAMING REQUIRE PRIOR APPROVAL OF THE ENGINEER, ARCHITECT AND OWNER. FAILURE TO FOLLOW PLANS AND CONSTRUCTION DOCUMENTS CONSTITUTES CHANGE IN PROJECT SCOPE.
14. SEE STRUCTURAL PLANS FOR ADDITIONAL STRUCTURAL NOTES AND REQUIREMENTS.
15. THE ENGINEER RESERVES THE RIGHT TO REQUEST REPLACEMENT OF ANY PORTION OF THE STRUCTURE DEVIATING FROM THE PLANS WHERE WRITTEN PRIOR APPROVAL HAS NOT BEEN OBTAINED AND WHERE INSPECTION BY THE ENGINEER PRIOR TO CONSTRUCTION OF THE CHANGED PORTION HAS NOT HAPPENED.
16. ALL SITE WORK, GRADING, COMPACTION AND BACKFILL, ETC. SHALL BE DONE IN COMPLIANCE WITH A GEOTECHNICAL REPORT SPECIFIC TO THE SITE. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO OBTAIN A GEOTECHNICAL REPORT, IF ONE HAS NOT ALREADY BEEN OBTAINED, AND SUBMIT A COPY TO THE ENGINEER FOR VERIFICATION.
17. ALL ANCHORING ADHESIVE SHALL BE SIMPSON SET-XP EPOXY OR HILTI HIT-HY200 MAX-SD ADHESIVE. ANCHORS SHALL BE INSTALLED PER MANUFACTURERS INSTRUCTIONS.
18. ALL NON-EPOXIED POST-INSTALLED ANCHORS TO BE SIMPSON STRONG-BOLT 2 WEDGE ANCHORS, TITEN HD SCREW ANCHORS, HILTI KWIK HUS-EZ SCREW ANCHORS, OR HILTI KWIK BOLT TZ ANCHORS.
19. FASTENERS AND ANCHOR BOLTS USED IN PRESERVATIVE-TREATED WOOD SHALL BE HOT DIPPED ZINC-COATED GALVANIZED STEEL. THE COATING WEIGHTS SHALL BE IN ACCORDANCE WITH ASTM A 153.

**GENERAL CONCRETE NOTES**

1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
  2. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH THE 2015 IBC, ACI 318, AND LOCAL ORDINANCES.
  3. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO PLACING CONCRETE.
  4. CONTRACTOR SHALL COORDINATE WITH MECHANICAL, ELECTRICAL, AND ARCHITECTURAL PRIOR TO PLACING CONCRETE. PROVIDE SLEEVES, BLOCK OUTS, ETC... AS REQUIRED.
  5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PLACEMENT OF ALL ANCHOR BOLTS, SEISMIC ANCHORS OR STRAPS, ETC.. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
  6. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL FORM WORK, POUR STOPS, ETC. REQUIRED TO CONSTRUCT ALL CONCRETE WORK. SUCH FORM WORK IS NOT NECESSARILY SHOWN ON THE STRUCTURAL PLANS OR DETAILS. THE CONTRACTOR SHALL SPECIFY ALL FORM WORK AND SHALL INCLUDE THE COST FOR SUCH IN HIS/HER ORIGINAL BID.
  7. CONTRACTOR SHALL PROVIDE ALL SHORING AS REQUIRED.
  8. FOOTINGS, FOUNDATION AND SLABS ON GRADE SHALL BE CONSTRUCTED ON PROPERLY COMPACTED NATURAL SOIL, OR ON STRUCTURAL FILL.
  9. SEE FOUNDATION PLAN FOR ADDITIONAL NOTES AND REQUIREMENTS.
- CONCRETE & REINFORCEMENT**
10. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI IN 28 DAYS. FLAT SLABS, FOUNDATION WALLS, AND CONCRETE RETAINING WALLS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI. A COMPRESSIVE STRENGTH OF 2500 PSI HAS BEEN USED FOR CONCRETE DESIGN.
  11. SEE PROJECT SPECIFICATIONS FOR CONCRETE DESIGN REQUIREMENTS.
  12. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO THE STANDARD SPECIFICATIONS ASTM A615 GRADE 60. REINFORCING STEEL SHALL BE PROPERLY TIED INTO PLACE PRIOR TO PLACING CONCRETE.
  13. ALL REINFORCING STEEL SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH THE ACI DETAILING MANUAL AND ACI STANDARDS (LATEST EDITION).
  14. ALL SPLICES IN CONTINUOUS CONCRETE REINFORCING BARS SHALL LAP A MINIMUM OF 40 BAR DIAMETERS. ALL SPLICES SHALL BE MADE IN A COMPRESSION ZONE UNLESS NOTED. ALL CONTINUOUS REINFORCING SHALL TERMINATE WITH A 90 DEG. BEND OR WITH SEPARATE CORNER BARS.
- FOUNDATION WALLS**
15. SEE FOUNDATION WALL SCHEDULE, OR FOUNDATION PLAN, FOR SPECIFICATION OF FOUNDATION WALL REINFORCEMENT.
  16. FOUNDATION WALLS HAVE BEEN DESIGNED USING AN EQUIVALENT FLUID PRESSURE. SEE STRUCTURAL PLANS AND CALCULATIONS FOR ACTUAL FLUID PRESSURE USED.
  17. BACKFILL ADJACENT TO FOUNDATION WALLS OR IN LANDSCAPED AREAS SHALL BE PLACED IN LOOSE LIFTS A MAXIMUM OF EIGHT INCHES (8"). FILL SHALL HAVE A MOISTURE CONTENT WITHIN 2% OF OPTIMUM AND SHALL BE COMPACTED TO AT LEAST 90% MAXIMUM DENSITY (ASTM D 1557). HEAVY EQUIPMENT SHALL NOT BE USED TO BACKFILL WITHOUT PRIOR CONSENT OF THE ENGINEER.
  18. THE CONTRACTOR SHALL COORDINATE STEPS IN WALLS WITH THE ARCHITECT, AND SHALL VERIFY WITH THE ENGINEER.
- FOOTINGS**
19. SEE FOOTING SCHEDULE FOR FOOTING SIZES AND REINFORCING REQUIREMENTS.
  20. FOOTINGS HAVE BEEN DESIGNED USING AN ALLOWABLE BEARING PRESSURE. SEE STRUCTURAL PLANS AND CALCULATIONS FOR ACTUAL BEARING PRESSURE USED.
  21. ALL EXTERIOR FOOTINGS SHALL BEAR BELOW FROST DEPTH. CONTRACTOR TO VERIFY.
  22. THE CONTRACTOR SHALL COORDINATE STEPS IN FOOTINGS WITH THE ARCHITECT, AND SHALL VERIFY WITH THE ENGINEER.

**GENERAL STEEL NOTES**

1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
  2. ALL WORK TO BE IN STRICT ACCORDANCE WITH THE 2015 IBC, AISC, AND LOCAL ORDINANCES.
  3. ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION AND ERECTION.
  4. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
  5. SEE ARCHITECTURAL SHEETS FOR DECK BEARING ELEVATIONS. STRUCTURAL STEEL DETAILER SHALL DETERMINE ALL BEARING PLATE ELEVATIONS FROM ARCHITECTURAL DECK ELEVATIONS
  6. SEE ARCHITECTURAL SHEETS FOR ADDITIONAL DIMENSIONS.
  7. SEE ARCHITECTURAL FOR ACCESS HATCHES, DRAFT STOPS, ETC.
  8. SUBMIT SHOP DRAWINGS OF ALL STRUCTURAL STEEL, STEEL JOISTS, STEEL DECKING & MISCELLANEOUS STEEL TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
  9. SEE FRAMING PLANS FOR ADDITIONAL NOTES AND REQUIREMENTS.
- STRUCTURAL STEEL**
10. ALL WIDE FLANGE MEMBERS TO BE MANUFACTURED UNDER ASTM A992.
  11. ALL STRUCTURAL PLATES, CHANNELS & ANGLES TO BE MANUFACTURED UNDER ASTM A36
  12. ALL HSS MEMBERS TO BE MANUFACTURED UNDER ASTM A500 GRADE B.
  13. ALL PIPE COLUMNS TO BE MANUFACTURED UNDER ASTM A53 GRADE B.
  14. ALL BOLTS FOR STEEL TO STEEL CONNECTIONS TO BE 3/4" DIA. MIN. A325-N HIGH STRENGTH BOLTS, UNLESS NOTED OTHERWISE. BOLTS EMBEDDED IN CONCRETE OR MASONRY SHALL BE F1554 GRADE 36 UNLESS NOTED OTHERWISE.
  15. ALL JOIST WELDS TO BE E7024. ALL DECK WELDS TO BE E6022. ALL WELDS FOR SEISMIC SPECIFIC CONNECTIONS TO BE E7018. ALL OTHER WELDS TO BE 70 KSI MIN. ALL WELDS SHALL BE BY A CERTIFIED WELDER.
  16. ALL WELDS AND BOLTING TO MEET APPROVAL OF SPECIAL INSPECTOR AS REQUIRED BY BUILDING OFFICIAL.
  17. ALL STEEL SHALL BE PROPERLY PRIMED EXCEPT AREAS THAT REQUIRE FIELD WELDING (i.e. TOP OF BEAMS).
  18. ALL STEEL BEAMS USED AS GIRDERS SHALL HAVE WEB STIFFENERS EACH SIDE OF WEB AT BEARING ENDS AND AT CONCENTRATED LOADS. STIFFENER TO BE SAME THICKNESS AS WEB OF BEAM-TYPICAL. STEEL BEAMS USED AS JOISTS DO NOT REQUIRE WEB STIFFENERS.
  19. SEE ARCHITECTURAL, MECHANICAL & ELECTRICAL FOR ADDITIONAL STEEL MEMBERS (BRACKETS, ANGLES, ETC..) REQUIRED.
  20. STEEL MEMBERS SHALL NOT BE CUT, DRILLED OR TORCHED FOR PIPES, ETC. UNLESS SPECIFICALLY DETAILED.
  21. ANY MODIFICATION OF STRUCTURAL MEMBERS NOT SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS IS NOT PERMITTED WITHOUT PRIOR APPROVAL.
  22. ANY CONNECTIONS NOT DETAILED ON STRUCTURAL PLANS SHALL BE PROVIDED BY THE STEEL DETAILER. SHOP DRAWINGS FOR ALL FABRICATED STEEL CONNECTIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION.

**GENERAL WOOD FRAMING NOTES**

1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
  2. ALL WORK TO BE IN STRICT ACCORDANCE WITH THE 2015 IBC, NDS, AND LOCAL ORDINANCES.
- DIMENSIONAL LUMBER**
3. DIMENSIONAL LUMBER USED AS STRUCTURAL FRAMING (i.e. JOISTS, RAFTERS, HEADERS) SHALL BE DOUGLAS FIR-LARCH N# 2 OR EQUAL.
  4. DIMENSIONAL LUMBER USED FOR STUD WALLS SHALL BE STUD GRADE UNLESS NOTED OTHERWISE. STUDS SHALL BE SPACED AT 16" O.C. MINIMUM, WITH A DOUBLE TOP PLATE. SPLICES IN THE DOUBLE TOP PLATE SHALL ALTERNATE TOP & BOTTOM AND SHALL LAP 48" MIN.
  5. ROUGH CUT TIMBER USED AS STRUCTURAL FRAMING SHALL BE AS SPECIFIED IN THE CONSTRUCTION DOCUMENTS.
- ENGINEERED LUMBER**
6. GLU-LAMINATED BEAMS FOR SIMPLE SPANS SHALL BE 24F-V4 DF/DF. GLU-LAMINATED BEAMS FOR CONTINUOUS SPANS AND CANTILEVERS SHALL BE 24F-V8 DF/DF. DO NOT INSTALL GLU-LAMINATED BEAMS UPSIDE DOWN.
  7. LAMINATED VENEER LUMBER AND THE LIKE SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS. LVL BEAMS SHALL BE BUILT UP w/ 1 3/4" MEMBERS. SEE FRAMING PLANS FOR NUMBER OF MEMBERS REQUIRED.
- BLOCKING, BRIDGING & MISCELLANEOUS**
11. DIMENSIONAL JOISTS AND RAFTERS SHALL HAVE FULL-HEIGHT SOLID BLOCKING AT THEIR BEARING POINTS. EACH RAFTER AND/OR ROOF TRUSS SHALL BE ANCHORED WITH SIMPSON H1 ANCHORS AT EACH END.
  12. I-JOISTS AND RAFTERS SHALL HAVE FULL-HEIGHT SOLID BLOCKING AT THEIR BEARING POINTS. CONNECT EACH BLOCK TO TOP OF EXTERIOR WALLS WITH SIMPSON A34 CLIPS. EACH JOIST OR RAFTER SHALL BE ANCHORED WITH SIMPSON H2.5 ANCHORS AT EACH END.
  13. WOOD MEMBERS SHALL NOT BE CUT FOR PIPES, ETC. UNLESS SPECIFICALLY DETAILED.
  14. BIRDS MOUTHS AND/OR NOTCHING OF STRUCTURAL MEMBERS NOT SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS IS NOT PERMITTED WITHOUT PRIOR APPROVAL.
- COLUMNS & STUDS**
15. ALL COLUMNS SHALL EXTEND DOWN THROUGH THE STRUCTURE TO THE FOUNDATION. COLUMNS SHALL BE BRACED AT EACH FLOOR LEVEL. COLUMNS SHALL BE AS WIDE AND DEEP AS THE MEMBER THEY SUPPORT IN ORDER TO PROVIDE FULL BEARING.
  16. STAND ALONE POSTS SHALL BE DOUGLAS FIR-LARCH N# 10R EQUAL.
  17. ALL EXTERIOR WALLS SHALL BE 2 x 6's AT 16" O.C.
  18. ALL INTERIOR BEARING WALLS SHALL BE 2 x 6's AT 16" O.C. UNLESS NOTED OTHER-WISE ON PLANS.
- FLOOR, ROOF & WALL SHEATHING**
19. ALL ROOF SHEATHING SHALL BE 5/8" APA EXP. 1 RATED SHEATHING OR EQUAL WITH 10d COMMON NAILS AT 6" O.C. PERIMETER, 6" O.C. PANEL EDGES AND AT 12" O.C. IN THE FIELD. PANEL EDGES ARE UNBLOCKED UNLESS NOTED OTHERWISE ON THE STRUCTURAL PLANS.
  20. ALL FLOOR SHEATHING TO BE 3/4" THICK T&G SHEATHING GLUED AND NAILED WITH 10d COMMON NAILS OR EQUAL AT 6" O.C. PERIMETER, 6" O.C. PANEL EDGES AND AT 10" O.C. IN THE FIELD. PANEL EDGES ARE UNBLOCKED UNLESS NOTED OTHERWISE ON THE STRUCTURAL PLANS.
  21. ALL EXTERIOR WALLS SHALL BE SHEATHED WITH 7/16" APA EXP. 1 RATED SHEATHING OR EQUAL WITH 8d COMMON NAILS AT 6" O.C. EDGES AND AT 12" O.C. IN THE FIELD. FLAT BLOCKED AT ALL PANEL EDGES, UNLESS NOTED OTHERWISE IN SHEAR WALL SCHEDULE.
- STRUCTURAL CONNECTIONS**
22. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE TO PROVIDE ADEQUATE STRUCTURAL CONNECTIONS. CONNECTIONS MUST CARRY THE BEARING CAPACITY OF THE MEMBER AND ANY UPLIFT OR SEISMIC FORCES GENERATED IN THE MEMBER. SPECIAL CONSIDERATION SHALL BE GIVEN TO PREVENT CRUSHING OF THE MEMBER AT BEARING, SPLITTING AND/OR CRACKING OF THE WOOD, AND THE LIKE.
  23. THE CONTRACTOR SHALL STRICTLY ADHERE TO THE CONNECTION DETAILS SPECIFIED ON THE PLANS OR INCLUDED WITH THE CONSTRUCTION DOCUMENTS. PRIOR APPROVAL IS REQUIRED FOR ANY DEVIATION FROM THE CONSTRUCTION DOCUMENTS.
  24. SUBSTITUTION OF CONNECTIONS OTHER THAN THOSE SPECIFIED ON THE PLANS REQUIRES PRIOR APPROVAL. THE ENGINEER IS NOT RESPONSIBLE FOR CONNECTIONS NOT APPROVED PRIOR TO CONSTRUCTION OR INSTALLATION.
  25. IF CONNECTION DETAILS, APPROVED BY THE ENGINEER, HAVE NOT BEEN PROVIDED IN THE CONSTRUCTION DOCUMENTS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO SPECIFY AND PROVIDE ALL STRUCTURAL CONNECTIONS. IF OTHER THAN STANDARD CONNECTIONS ARE REQUIRED, SEE ENGINEER FOR ADDITIONAL ASSISTANCE.
  26. USE SIMPSON CONNECTIONS OR EQUIVALENT. INSTALL PER MANUFACTURERS SPECIFICATIONS.
  27. SHOP DRAWINGS FOR ALL FABRICATED STEEL CONNECTIONS SHALL BE SUBMITTED FOR REVIEW & APPROVAL PRIOR TO FABRICATION AND INSTALLATION. SEE GENERAL STEEL NOTES.
  28. SEE GENERAL CONCRETE NOTES FOR SPECIFICATION OF ANCHOR BOLTS, ETC. IN NO CASE SHALL THE MUD SILL BE NOTCHED FOR THE INSTALLATION OF PLATE WASHERS, OR FOR ANY OTHER REASON.
  29. ALL STRUCTURAL MEMBERS SHALL HAVE 1 3/4" MINIMUM BEARING.
  30. FOR ADDITIONAL NAILING PATTERN, SEE SCHEDULES IN THE INTERNATIONAL BUILDING CODE (IBC).
- STAIR FRAMING**
31. STAIR STRINGERS SHALL BE 11 7/8" LVL's AT 16" O.C. (MAX.) w/ A MAXIMUM HORIZONTAL RUN OF 12'-0". USE 14" LVL UP TO 16'-0" RUN

**GENERAL WOOD TRUSS NOTES**

1. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
  2. THE TRUSSES SHALL ALSO BE DESIGNED PER THE 2015 INTERNATIONAL BUILDING CODE, AND LOCAL ORDINANCES. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN AND FABRICATION OF THE PRE-ENGINEERED TRUSSES. PER THE DESIGN CRITERIA ABOVE, DESIGN MUST TAKE INTO ACCOUNT UNBALANCED SNOW LOADS, SNOW DRIFTING, INCREASED SNOW LOADS ON EAVES AND IN VALLEYS, IMPACT LOADS FROM FALLING SNOW AND ICE, ETC.
  3. THE PROJECT ENGINEER, OR ENGINEER OF RECORD, IS NOT RESPONSIBLE FOR THE DESIGN OF THE PRE-ENGINEERED TRUSSES, NOR FOR THE INSTALLATION, ETC. OF THE TRUSSES. TRUSS DESIGN DRAWINGS FOR ALL WOOD TRUSSES SHALL BE SUBMITTED TO THE ENGINEER AND ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION.
  4. THE TRUSS DESIGN DRAWINGS NEED TO INCLUDE ALL SPECIFIC REQUIREMENTS DESCRIBED IN INTERNATIONAL BUILDING CODE. AS REQUIRED IN ABOVE MENTIONED CODE A LICENSED DESIGN PROFESSIONAL LICENSED IN JURISDICTION WHERE PROJECT IS LOCATED WILL NEED TO STAMP TRUSS DESIGN DRAWINGS. THE DESIGN PROFESSIONAL CANNOT BE THE ENGINEER OF RECORD FOR THE PROJECT AND NEEDS EXPERIENCE DESIGNING PRESS PLATE WOOD TRUSSES.
  5. ALL TRUSS TO TRUSS AND TRUSS TO STRUCTURAL BEAM CONNECTORS SHALL BE SPECIFIED BY THE TRUSS MANUFACTURER, AND CALLED OUT AT THE PROPER LOCATION ON TRUSS PLACEMENT DIAGRAM.
  6. THE TRUSSES SHALL BE DESIGNED TO INCLUDE ALL ADDITIONAL LOADS DUE TO MECHANICAL UNITS, OVERHEAD DOORS, ROOF OVERBUILDS, ETC. SEE STRUCTURAL PLANS FOR ADDITIONAL REQUIREMENTS.
  7. ALL MEMBERS SHALL BE DESIGNED FOR COMBINED STRESSES, BASED ON THE WORST LOADING CONDITION.
  8. BOTTOM CHORDS OF TRUSSES, ACTING AS CEILING MEMBERS, MUST BE ABLE TO SUPPORT A 10 PSF LIVE LOAD PER IBC REQUIREMENTS.
  9. EACH CHORD SECTION SHALL BE ENGAGED IN TWO PANEL POINTS BEFORE BEING SPLICED. SPLICE NEEDS TO OCCUR AT PANEL POINT, OR ZERO FORCE LOCATION.
  10. PROVIDE 1/8" CAMBER FOR EACH 6 FEET OF TRUSS UNLESS OTHERWISE INDICATED.
- TRUSS BRACING & BLOCKING**
11. THE TRUSS MANUFACTURER SHALL SPECIFY PROPER BRACING OF COMPRESSION CHORD MEMBERS 6' 0" OF LENGTH OR LONGER, AS WELL AS BRACING REQUIRED FOR TRUSS ERECTION, AND ANY OTHER BRACING.
  12. THE TRUSS MANUFACTURER SHALL SPECIFY ALL REQUIRED TRUSS BLOCKING. TRUSS BLOCKING SHALL BE DESIGNED FOR LATERAL LOADINGS.
- FABRICATION & INSTALLATION**
13. ALL DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION.
  14. FABRICATE TRUSSES FROM SHOP DRAWINGS REVIEWED AND APPROVED BY THE ENGINEER AND ARCHITECT.
  15. FABRICATE TRUSSES IN JIGS WITH MEMBERS ACCURATELY CUT TO PROVIDE GOOD BEARING AT JOINTS. JOINTS SHALL BE ACCEPTABLE IF THE AVERAGE OPENING BETWEEN ENDS OF MEMBERS IMMEDIATELY AFTER FABRICATION IS LESS THAN 1/16", EXCEPT THAT TRUSS COMPRESSION CHORD JOINTS AT SPLICES AND RIDGES SHALL HAVE FULL CONTACT BETWEEN MEMBERS.
  16. TRUSS FABRICATORS USING METAL PLATES SHALL HAVE PLANT INSPECTED FOUR TIMES PER YEAR BY AN INDEPENDENT TESTING LABORATORY IN ACCORDANCE WITH TPI REGULATIONS AND COPIES OF INSPECTIONS MADE AVAILABLE TO OWNER UPON REQUEST.
  17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE TRUSSES PER THE TRUSS MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS. NO WEB OR CHORD MEMBERS SHALL BE MODIFIED IN THE FIELD.
- METAL GUSSET PLATES**
18. GUSSET PLATES SHALL BE SPECIFIED FOR GREATER OF EITHER THE MEMBER FORCES SHOWN ON DRAWINGS OR THE MEMBER FORCES DERIVED FROM STRUCTURAL ANALYSIS. PLUS OR MINUS 6%.
  19. NO PANEL POINT SHALL HAVE MORE THAN ONE PLATE PER TRUSS SIDE.
  20. PRESS PLATES INTO MEMBERS TO OBTAIN FULL PENETRATION WITHOUT CRUSHING OUT SURFACE OF WOOD. PLATE EMBEDMENT IS ACCEPTABLE IF OPENING BETWEEN PLATE AND WOOD SURFACE IS LESS THAN 1/32".
  21. LUMBER DEFECTS AND PLATE MISPLACEMENT, IN COMBINATION, SHALL NOT REDUCE PLATE AREA OR NUMBER OF EFFECTIVE TEETH, PRONGS, OR NAILS BY MORE THAN 10%.
  22. DO NOT APPLY METAL GUSSET PLATES AFTER SHOP FABRICATION.
  23. ALL LOADS SPECIFICALLY CALLED OUT ON PLANS TO BE USED IN DESIGNING TRUSSES, ARE ALLOWABLE STRESS DESIGN (ASD) FORMAT w/ NO LOAD FACTORS INCLUDED.
  24. WHEN TRUSSES ARE CALLED OUT AS LATERAL DRAG STRUTS. THE PHYSICAL TRUSS DESIGNATED AS SUCH NEEDS TO BE PHYSICALLY AND PERMANENTLY MARKED DIFFERENT FROM NORMAL TRUSSES.

**DESIGN LOADS FOR ROOF TRUSSES:**

TOP CHORD LIVE LOAD	= 192 PSF
TOP CHORD DEAD LOAD	= 10 PSF
BOT CHORD LIVE LOAD	= 0 PSF
BOT CHORD DEAD LOAD	= 5 PSF

TOTAL DESIGN LOAD = 207 PSF

**DEFLECTION CRITERIA ROOF TRUSSES:**

TOTAL LOAD DEFLECTION = L/240

**DESIGN CRITERIA**

SNOW LOAD	192 PSF
SEISMIC DESIGN CATEGORY	D
RISK CATEGORY	11
3 SECOND GUST WIND SPEED	115 MPH
EXPOSURE	B
ALLOWABLE SOIL BEARING	1,500 PSF
SOIL SITE CLASS	D

**DESIGN LOADS**

ROOF LIVE LOAD	192 PSF
ROOF DEAD LOAD	15 PSF
FLOOR LIVE LOAD	40 PSF
FLOOR DEAD LOAD	50 PSF

**DESIGN CODE**

2015 INTERNATIONAL BUILDING CODE (IBC)

**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 CONTRIBUTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

MEM  
DATE: 08/21/17  
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 2500**

DESIGNED BY:	J.D.A.
CHECKED BY:	J.D.A.
SCALE:	AS SHOWN
DATE:	JULY 13, 2017
JOB No.	17-035

**GENERAL NOTE SHEET**

SHEET No.

**S0.1**



**SPECIAL INSPECTION SCHEDULE**

SOILS (IBC 1705.6)				
REQD	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)				
REQD	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 < 3/16" 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)				
REQD	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)				
REQD	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)				
REQD	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)**

REQD	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>u</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 478. 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 530.1.1
	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 478 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 3.6B 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, 3.6C 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)**

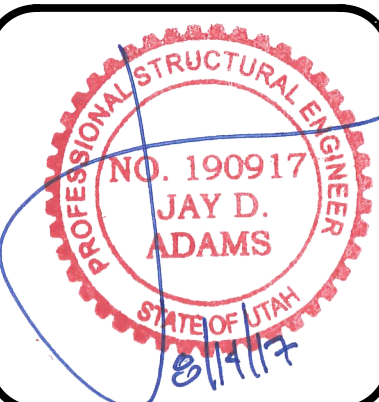
REQD	TASK	INSPECTION FREQUENCY		COMMENTS:
		CONT.	PERIODIC	
X	COMPONENTS OF WIND AND SEISMIC-FORCE RESISTING SYSTEMS		◆	VERIFY PROPER SCREW ATTACHMENT, BOLTING AND ANCHORING OF SHEAR WALLS, BRACES AND HOLDOWNS HAVING A FASTENER SPACING ≤ 4' O.C.
	FIELD GLUING OF MAIN LATERAL FORCE RESISTING SYSTEM		◆	

**STATEMENT OF SPECIAL INSPECTIONS**

- 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.
- 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 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.
- SPECIAL INSPECTIONS FOR EACH TASK SHALL BE CARRIED OUT IN COMPLIANCE WITH REQUIREMENTS PER THE CURRENT IBC AND OTHER MATERIAL STANDARDS.  
FABRICATION SHOP REQUIREMENTS
- 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 2500**



DESIGNED BY: J.D.A.  
CHECKED BY: J.D.A.  
SCALE:  
DATE: JULY 13, 2017  
JOB No. 17-035

**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: 08/21/17  
WEST COAST CODE CONSULTANTS, INC.

SPECIAL INSPECTION SHEET  
SHEET No.  
**S0.2**



STRUCTURAL STEEL CONSTRUCTION (IBC 1705.2, 1705.11, 1705.12)				
REQD	TASK	INSPECTION TYPE		COMMENTS:
		Q.C.	Q.A.	
PRIOR TO WELDING (TABLE N5.4-1, AISC 360-10):				
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	
DURING WELDING (TABLE N5.4-2, AISC 360-10):				
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.
AFTER WELDING (TABLE N5.4-3, AISC 360-10):				
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	
PRIOR TO BOLTING (TABLE N5.6-1 AISC 360-10):				
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	
DURING BOLTING (TABLE N5.6-2 AISC 360-10):				
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	
AFTER BOLTING (TABLE N5.6-3, AISC 360-10):				
X	STRUCTURAL STEEL DETAILS	P	P	

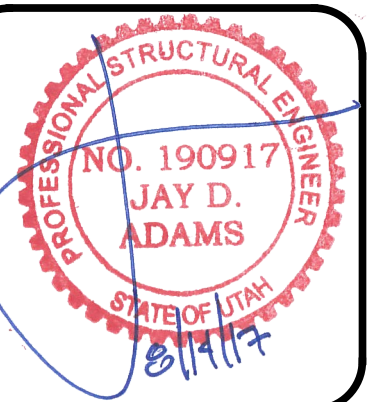
O- OBSERVE THESE ITEMS ON A RANDOM BASIS.

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
<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	
DATE: 08/14/17	
WEST COAST CODE CONSULTANTS, INC.	



Structural Plans for:  
**POWDER MOUNTAIN CABIN 2500**



DESIGNED BY: J.D.A.  
CHECKED BY: J.D.A.  
SCALE:  
DATE: JULY 13, 2017  
JOB No. 17-035

SPECIAL INSPECTION SHEET

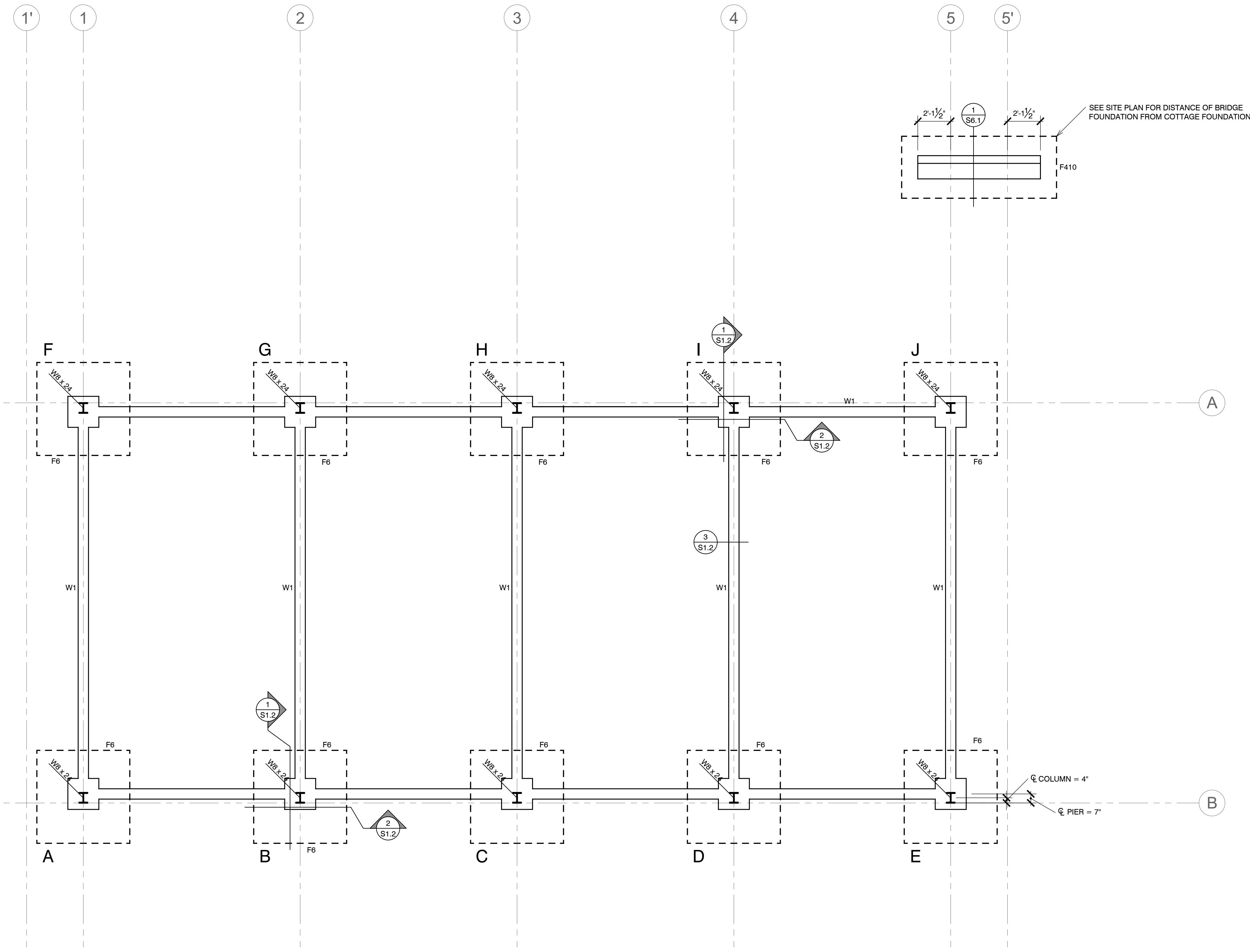
SHEET No.

**S0.3**



Horizon Village Finished Grade at Center of Pier - 2017.07.13				
Unit Type	Pier Number	Finished Grade at Pier	Top of Pier Elevation	Bottom of Footing Elevation
1500SF	2A	8760.38	8760.50	8753.38
	2B	8758.30	8760.50	8751.30
	2C	8765.44	8766.00	8758.44
	2D	8763.22	8766.00	8756.22
1500SF	2E	8769.40	8770.00	8762.40
	2F	8768.27	8770.00	8761.27
	3A	8727.42	8728.00	8720.42
	3B	8727.58	8728.00	8720.58
1500SF	3C	8732.46	8733.00	8725.46
	3D	8732.07	8733.00	8725.07
	3E	8734.16	8734.50	8727.16
	3F	8734.15	8734.50	8727.15
2500SF	4A	8744.49	8745.00	8737.49
	4B	8744.42	8745.00	8737.42
	4C	8743.88	8745.00	8736.88
	4D	8743.81	8744.00	8736.81
1000SF	4E	8743.05	8744.00	8736.05
	4F	8750.23	8750.50	8743.23
	4G	8750.23	8750.50	8743.23
	4H	8750.23	8750.50	8743.23
1500plusSF	4I	8750.23	8750.50	8743.23
	4J	8750.23	8750.50	8743.23
	5A	8810.67	8811.00	8803.67
	5B	8809.82	8811.00	8802.82
2500SF	5C	8809.20	8811.00	8802.20
	5D	8807.71	8808.00	8800.71
	5E	8806.26	8806.50	8799.26
	5F	8816.22	8816.50	8809.22
1500plusSF	5G	8816.19	8816.50	8809.19
	5H	8816.13	8816.50	8809.13
	5I	8816.07	8816.50	8809.07
	5J	8814.80	8815.00	8807.80
1500plusSF	6A	8776.88	8777.00	8769.88
	6B	8775.53	8776.00	8768.53
	6C	8772.86	8773.00	8765.86
	6D	8769.93	8770.50	8762.93
1500plusSF	6E	8782.72	8783.00	8775.72
	6F	8782.62	8783.00	8775.62
	6G	8779.71	8780.00	8772.71
	6H	8776.66	8777.00	8769.66
1500SF	7A	8792.86	8793.25	8785.86
	7B	8790.27	8791.00	8783.27
	7C	8797.24	8797.75	8790.24
	7D	8795.19	8795.50	8788.19
2500SF	7E	8800.45	8801.00	8793.45
	7F	8799.47	8800.00	8792.47
	8A	8778.16	8778.75	8771.16
	8B	8777.50	8777.75	8770.50
1500plusSF	8C	8777.42	8777.75	8770.42
	8D	8777.01	8777.75	8770.01
	8E	8775.99	8776.50	8768.99
	8F	8785.10	8785.50	8778.10
1500plusSF	8G	8785.25	8785.50	8778.25
	8H	8785.24	8785.50	8778.24
	8I	8784.88	8785.50	8777.88
	8J	8784.10	8784.50	8777.10
1500plusSF	9A	8767.24	8767.50	8760.24
	9B	8766.41	8767.50	8759.41
	9C	8764.06	8764.50	8757.06
	9D	8762.41	8763.00	8755.41
1500plusSF	9E	8773.00	8773.50	8766.00
	9F	8772.18	8772.75	8765.18
	9G	8770.40	8771.00	8763.40
	9H	8767.71	8768.00	8760.71
1500plusSF	10A	8748.17	8748.75	8741.17
	10B	8746.78	8747.00	8739.78
	10C	8745.71	8746.00	8738.71
	10D	8745.41	8746.00	8738.41
1500plusSF	10E	8754.64	8755.00	8747.64
	10F	8752.94	8753.50	8745.94
	10G	8751.18	8751.50	8744.18
	10H	8750.67	8751.50	8743.67
1000SF	11A	8706.47	8707.00	8699.47
	11B	8706.12	8707.00	8699.12
	11C	8709.49	8710.00	8702.49
	11D	8709.45	8710.00	8702.45
1500plusSF	11E	8711.84	8712.25	8704.84
	11F	8711.71	8712.25	8704.71
	12A	8800.77	8801.00	8793.77
	12B	8797.93	8798.25	8790.93
1500plusSF	12C	8795.36	8796.00	8788.36
	12D	8793.20	8793.75	8786.20
	12E	8805.59	8806.00	8798.59
	12F	8803.88	8804.25	8796.88
1000SF	12G	8801.65	8802.00	8794.65
	12H	8799.21	8799.75	8792.21
	13A	8779.35	8780.00	8772.35
	13B	8779.70	8780.00	8772.70
1500plusSF	13C	8784.01	8784.50	8777.01
	13D	8783.44	8784.50	8776.44
	13E	8788.19	8788.50	8781.19
	13F	8783.19	8783.75	8776.19
1500SF	14A	8783.38	8784.00	8776.38
	14B	8780.27	8780.75	8773.27
	14C	8787.42	8788.00	8780.42
	14D	8783.88	8784.25	8776.88
1500plusSF	14E	8790.59	8791.00	8783.59
	14F	8787.93	8788.50	8780.93
	15A	8759.93	8760.50	8752.93
	15B	8758.21	8758.75	8751.21
1500plusSF	15C	8763.93	8764.50	8756.93
	15D	8761.11	8761.50	8754.11
	15E	8767.87	8768.00	8760.87
	15F	8764.89	8765.25	8757.89
1000SF	16A	8735.82	8736.50	8728.82
	16B	8735.93	8736.50	8728.93
	16C	8738.81	8739.50	8731.81
	16D	8739.00	8739.50	8732.00
1500plusSF	16E	8742.08	8742.50	8735.08
	16F	8742.23	8742.50	8735.23

1500plusSF	17A	8792.79	8793.25	8785.79
	17B	8792.37	8793.25	8785.37
	17C	8791.22	8792.00	8784.22
	17D	8791.59	8792.00	8784.59
1500SF	17E	8799.78	8801.00	8792.78
	17F	8800.38	8801.00	8793.38
	17G	8799.28	8799.75	8792.28
	17H	8799.26	8799.75	8792.26
1500SF	18A	8821.10	8821.50	8814.10
	18B	8816.37	8817.00	8809.37
	18C	8824.41	8825.00	8817.41
	18D	8820.85	8821.25	8813.85
1000SF	18E	8826.58	8827.00	8819.58
	18F	8825.48	8826.00	8818.48
	19A	8801.37	8802.00	8794.37
	19B	8800.49	8801.00	8793.49
1500plusSF	19C	8808.22	8808.75	8801.22
	19D	8807.69	8808.75	8800.69
	19E	8814.76	8815.50	8807.76
	19F	8814.40	8815.50	8807.40
1500plusSF	20A	8725.56	8726.00	8718.56
	20B	8725.58	8726.00	8718.58
	20C	8725.24	8726.00	8718.24
	20D	8724.88	8726.00	8717.88
1500plusSF	20E	8728.40	8728.75	8721.40
	20F	8728.27	8728.75	8721.27
	20G	8727.97	8728.75	8720.97
	20H	8727.73	8728.75	8720.73
1000SF	21A	8720.19	8720.75	8713.19
	21B	8720.17	8720.75	8713.17
	21C	8721.60	8722.00	8714.60
	21D	8721.36	8722.00	8714.36
1500plusSF	21E	8723.40	8723.75	8716.40
	21F	8723.05	8723.75	8716.05
	22A	8727.00	8727.50	8720.00
	22B	8727.07	8727.50	8720.07
1500plusSF	22C	8726.42	8727.00	8719.42
	22D	8724.48	8725.50	8717.48
	22E	8724.48	8730.00	8717.48
	22F	8729.50	8730.00	8722.50
1500plusSF	22G	8729.00	8730.00	8722.00
	22H	8727.94	8728.50	8720.94
	23A	8714.65	8715.00	8707.65
	23B	8714.46	8715.00	8707.46
1500plusSF	23C	8714.32	8715.00	8707.32
	23D	8714.16	8715.00	8707.16
	23E	8717.72	8718.00	8710.72
	23F	8716.96	8717.25	8709.96
2500SF	23G	8716.29	8717.25	8709.29
	23H	8715.40	8716.00	8708.40
	24A	8699.52	8700.00	8692.52
	24B	8698.44	8699.00	8691.44
1500plusSF	24C	8697.97	8699.00	8690.97
	24D	8698.02	8699.00	8691.02
	24E	8697.70	8698.50	8690.70
	24F	8704.68	8704.75	8697.68
1500plusSF	24G	8703.89	8704.75	8696.89
	24H	8704.20	8704.75	8697.20
	24I	8704.13	8704.75	8697.13
	24J	8703.20	8704.00	8696.20
1500SF	25A	8717.42	8718.00	8710.42
	25B	8717.41	8718.00	8710.41
	25C	8719.32	8720.00	8712.32
	25D	8719.02	8720.00	8712.02
1000SF	25E	8722.75	8723.00	8715.75
	25F	8722.01	8723.00	8715.01
	26A	8687.97	8688.25	8680.97
	26B	8687.27	8688.25	8680.27
1500plusSF	26C	8691.80	8692.25	8684.80
	26D	8691.19	8692.25	8684.19
	26E	8694.67	8695.00	8687.67
	26F	8694.27	8695.00	8687.27
1000SF	27A	8708.73	8709.25	8701.73
	27B	8708.19	8709.25	8701.19
	27C	8710.75	8711.25	8703.75
	27D	8709.91	8710.50	8702.91
1500plusSF	27E	8713.16	8713.75	8706.16
	27F	8711.71	8712.25	8704.71
	28A	8750.80	8751.25	8743.80
	28B	8750.63	8751.25	8743.63
1000SF	28C	8750.73	8751.25	8743.73
	28D	8750.37	8751.25	8743.37
	28E	8756.11	8757.00	8749.11
	28F	8756.21	8757.00	8749.21
1500plusSF	28G	8756.81	8757.00	8749.81
	28H	8756.71	8757.00	8749.71
	29A	8743.44	8744.00	8736.44
	29B	8744.43	8745.00	8737.43
1000SF	29C	8746.72	8747.75	8739.72
	29D	8747.38	8747.75	8740.38
	29E	8750.93	8751.50	8743.93
	29F	8750.96	8751.50	8743.96
1500SF	30A	8731.96	8732.50	8724.96
	30B	8731.82	8732.50	8724.82
	30C	8734.89	8735.50	8727.89
	30D	8735.08	8735.50	8728.08
2500SF	30E	8738.23	8738.75	8731.23
	30F	8738.20	8738.75	8731.20
	31A	8740.17	8740.75	8733.17
	31B	8740.32	8740.75	8733.32
1500plusSF	31C	8741.13	8741.75	8734.13
	31D	8741.26	8741.75	8734.26
	31E	8741.71	8742.25	8734.71
	31F	8745.58	8746.50	8738.58
1500plusSF	31G	8745.79	8746.50	8738.79
	31H	8746.17	8746.50	8739.17
	31I	8746.60	8747.25	8739.60
	31J	8747.38	8747.75	8740.38



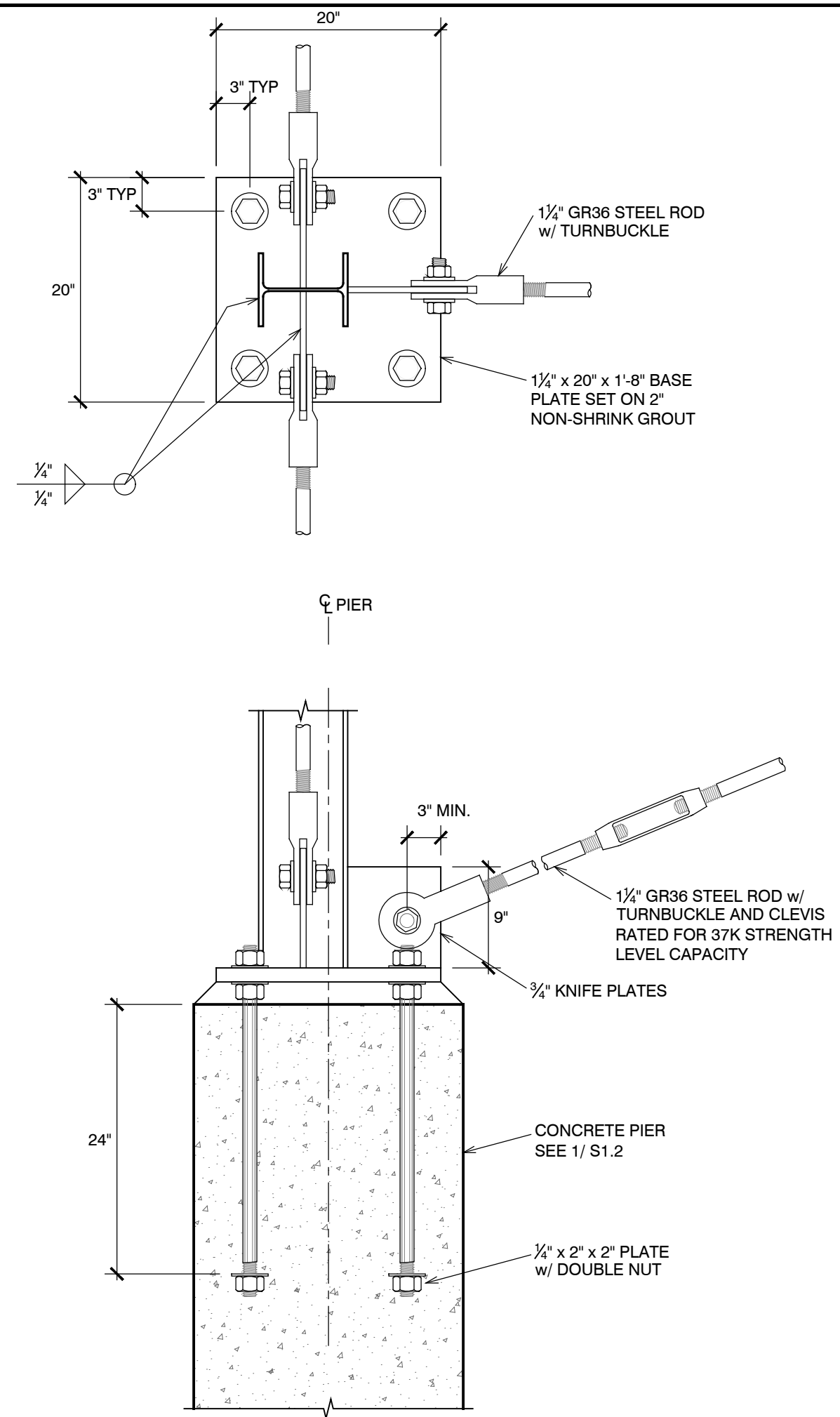
MARK	WALL WIDTH	WALL HEIGHT	VERT. REINFORCING		HORIZ. REINFORCING	
			SIZE	SPACING	SIZE	SPACING
*W1	10"	VARIABLE	#5	12" O.C.	#5	12" O.C.

PLACE (2) # 4 HORIZ. BARS AT TOP & BOTTOM OF WALL CONTINUOUS, TYPICAL RECESS TOP OF WALL AT OPENINGS & POUR SLAB THROUGH, SEE DETAILS

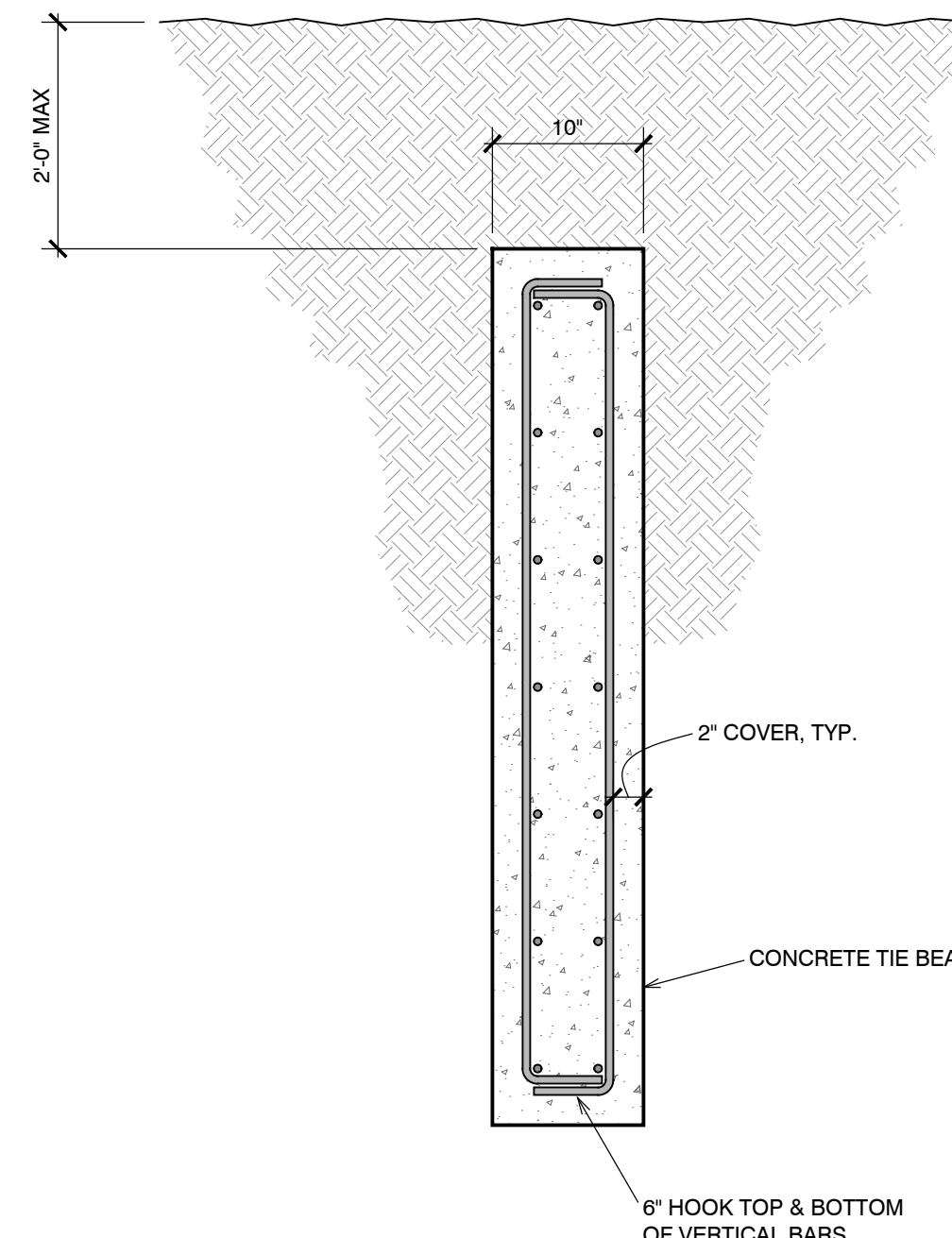
\* THIS WALL REQUIRES (2) MATS OF REINFORCING (1) MAT 2' OFF EA. FACE AS SPECIFIED ABOVE

MARK	WIDTH	LENGTH	DEPTH	REINFORCING CROSS-WISE			REINFORCING LENGTH-WISE		
				No.	SIZE	LENGTH   SPACING	No.	SIZE	LENGTH   SPACING
F6	6'-0"	6'-0"	14"	(7)	#5	5'-6" EQUAL	(7)	#5	5'-6" EQUAL
F410	4'-0"	10'-0"	12"	(11)	#5	3'-6" EQUAL	(5)	#5	9

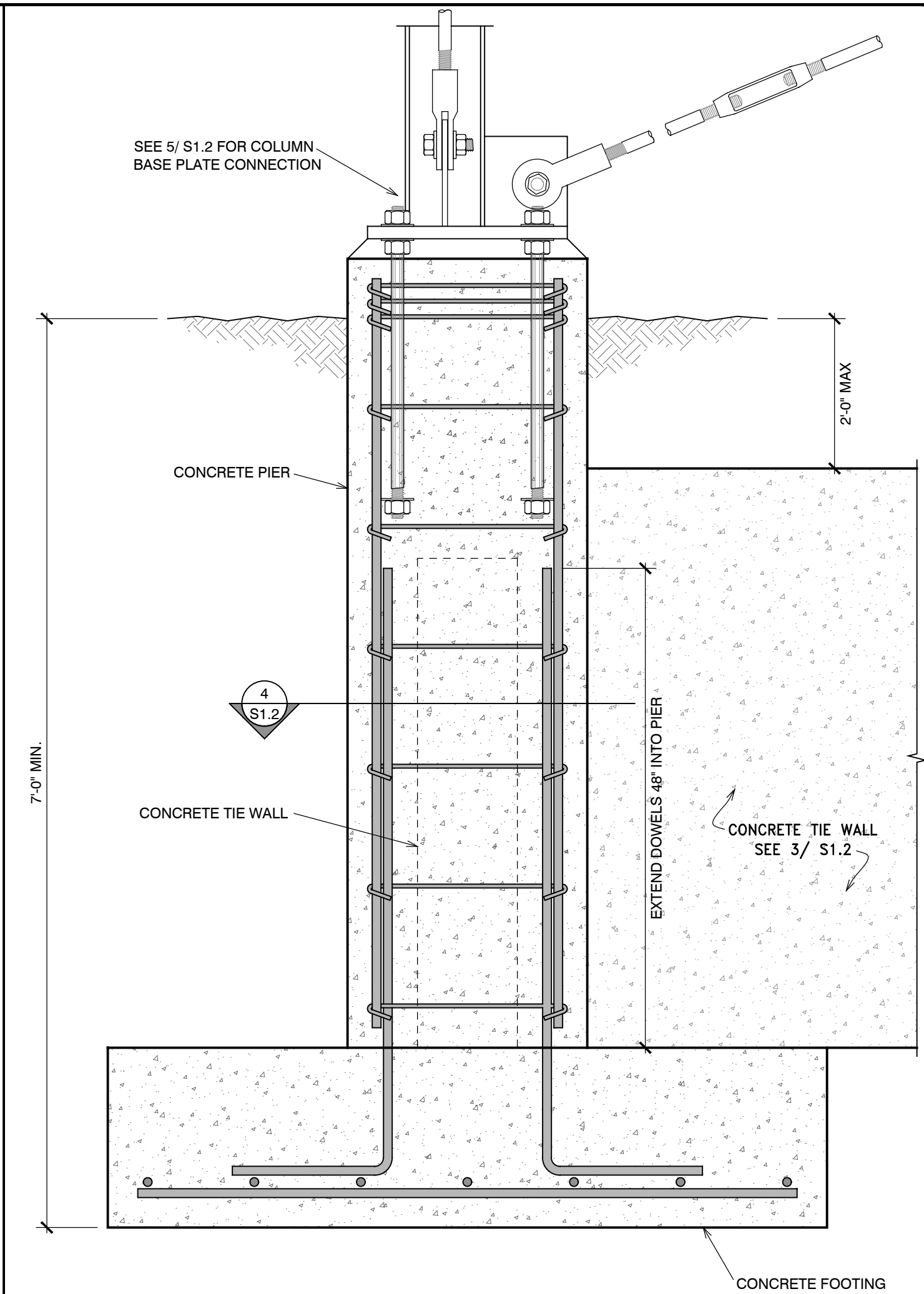




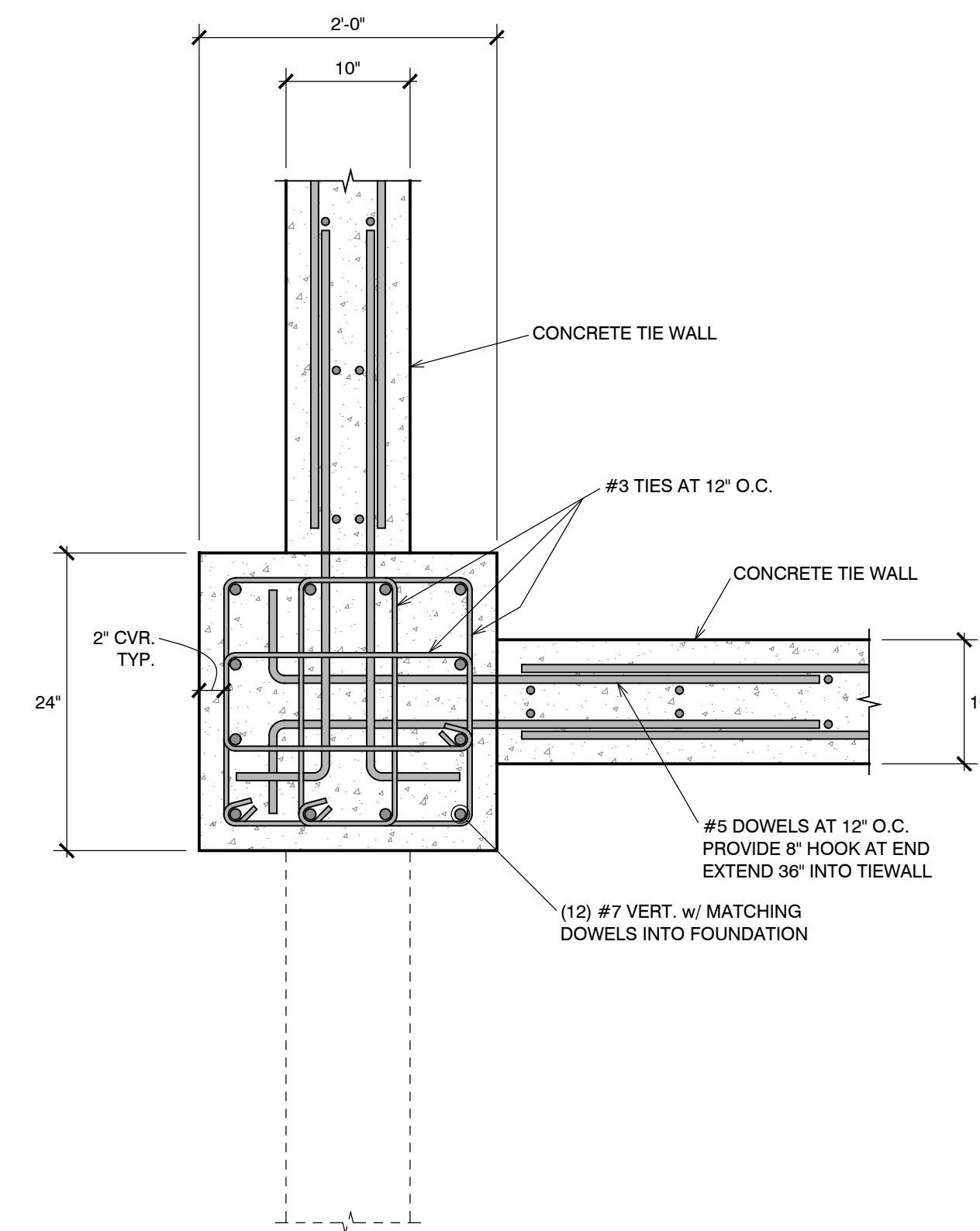
5 CONSTRUCTION DETAIL  
S1.2 NO SCALE



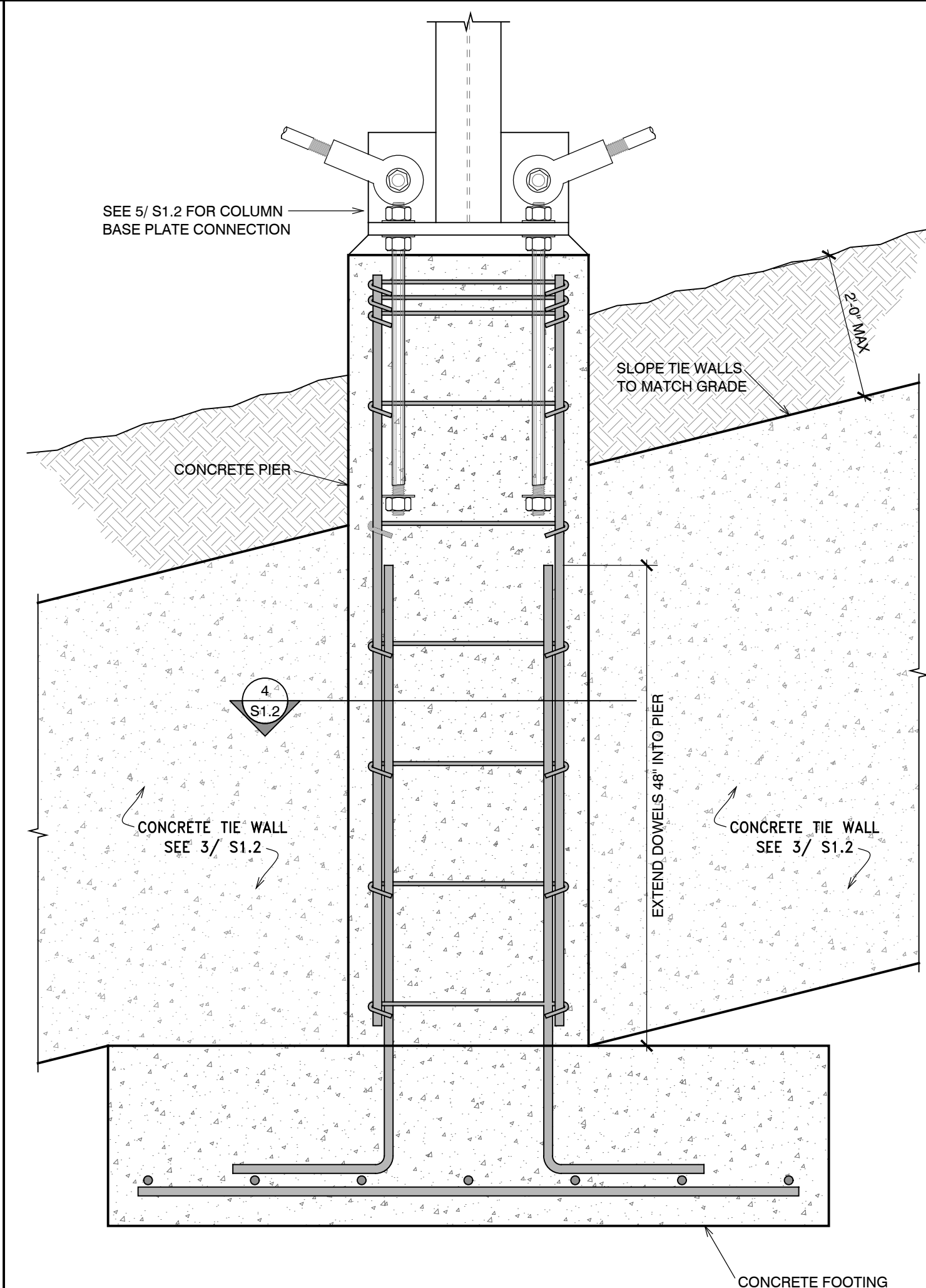
6 CONSTRUCTION DETAIL  
S1.2 NO SCALE



7 CONSTRUCTION DETAIL  
S1.2 NO SCALE



8 CONSTRUCTION DETAIL  
S1.2 NO SCALE



9 CONSTRUCTION DETAIL  
S1.2 NO SCALE

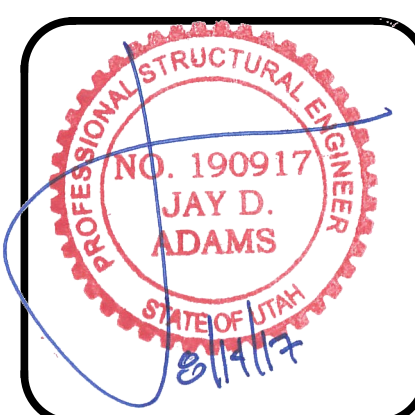
**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW

<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.  
MEM DATE 08/21/17  
WEST COAST CODE CONSULTANTS, INC.



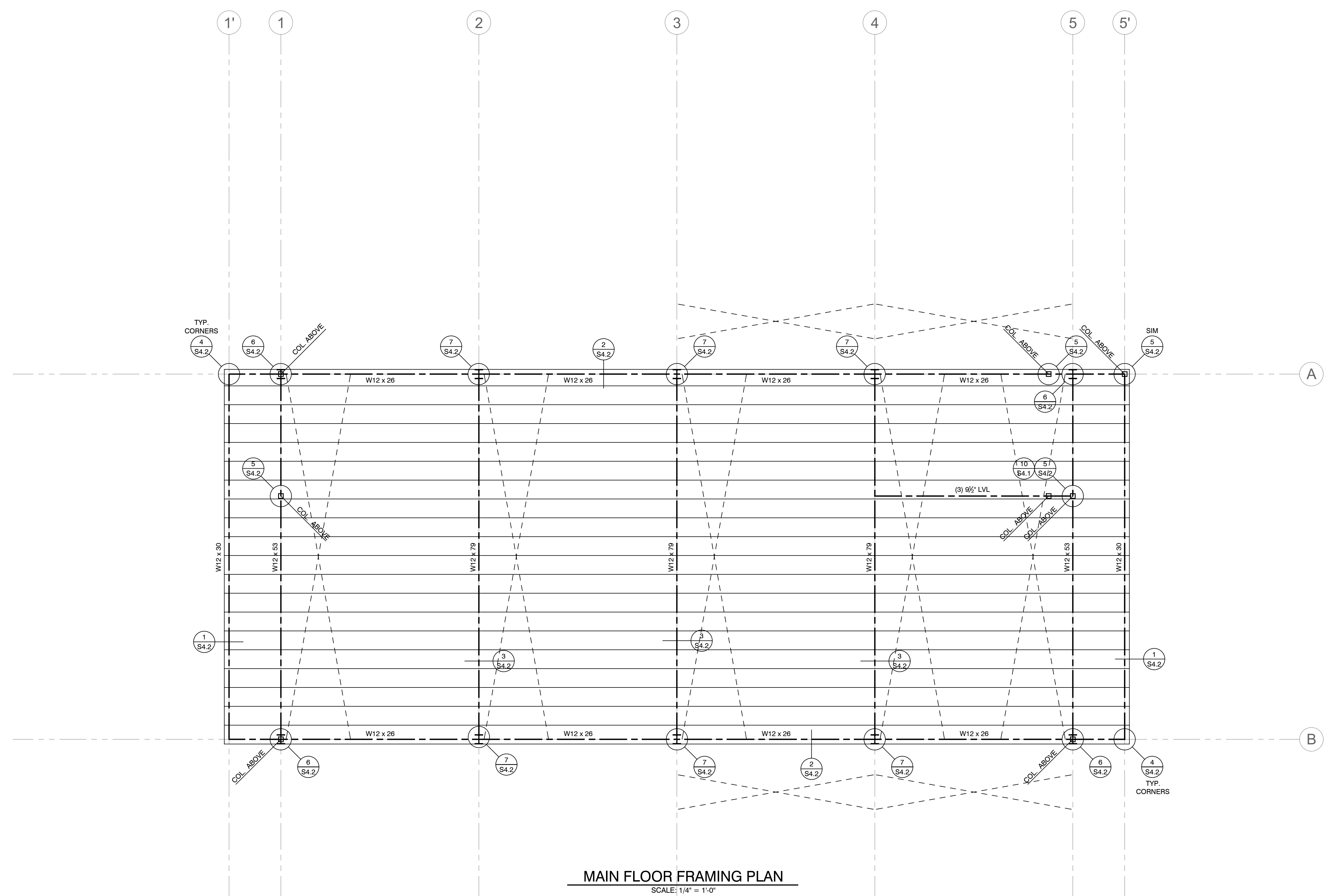
Structural Plans for:  
**POWDER MOUNTAIN CABIN 2500**



DESIGNED BY: J.D.A.  
 CHECKED BY: J.D.A.  
 SCALE: 1/4" = 1'-0"  
 DATE: JULY 13, 2017  
 JOB No. 17-035

MAIN FLOOR FRAMING PLAN  
 SHEET No.  
**S2.1**

PLAN REVIEW-08/14/2017



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

- FLOOR FRAMING NOTES**
- ① FRAME FLOOR w/ 9/8" TJI/210 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 1/4" ROD CROSS BRACING BETWEEN FOUNDATION AND MAIN LEVEL FRAMING

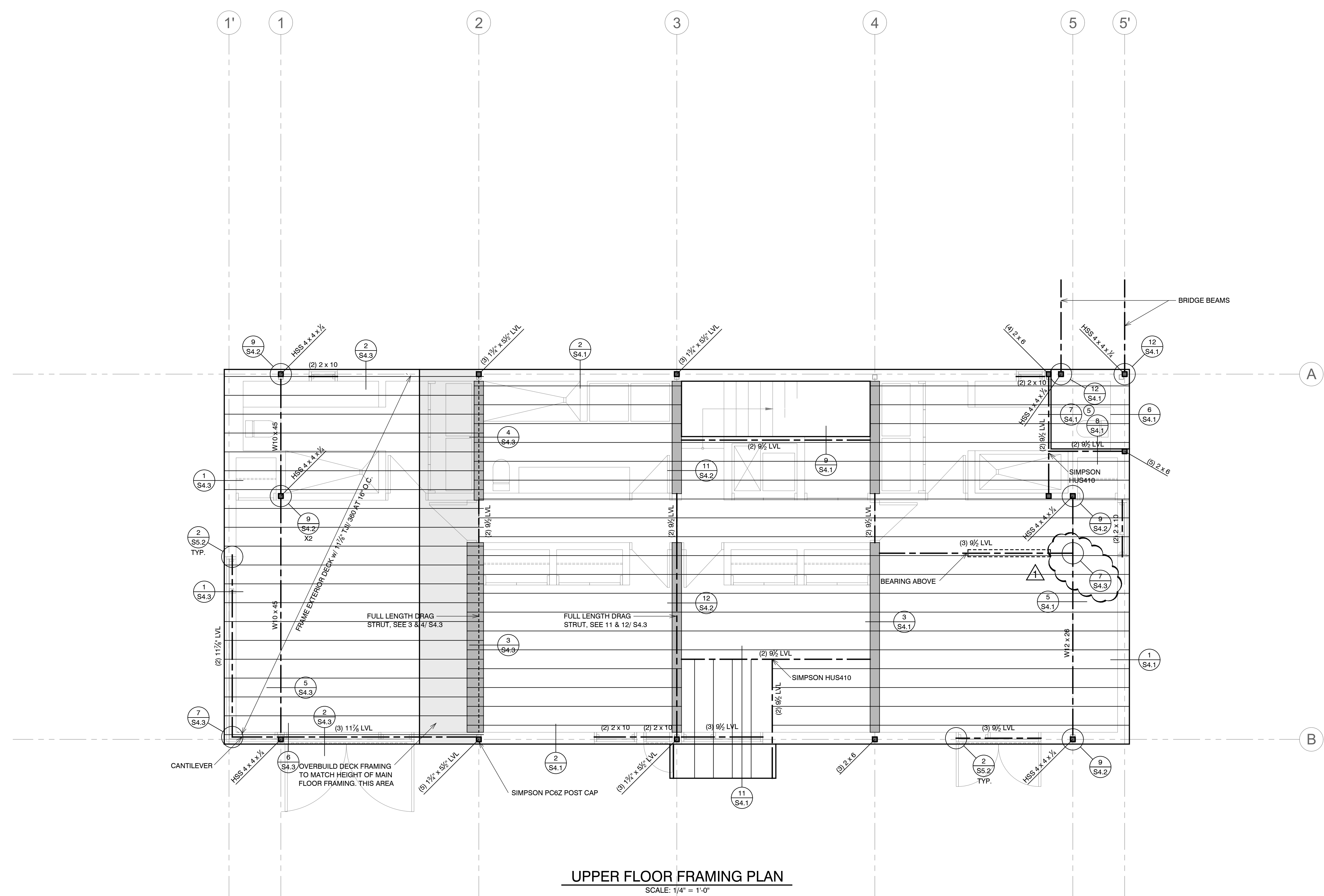
**PLAN REVIEW ACCEPTANCE**  
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW

<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.  
**MEM** DATE: 08/14/17  
 WEST COAST CODE CONSULTANTS, INC.



Structural Plans for:  
**POWDER MOUNTAIN CABIN 2500**



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

DEAD LOAD = 50 PSF  
 LIVE LOAD = 40 PSF

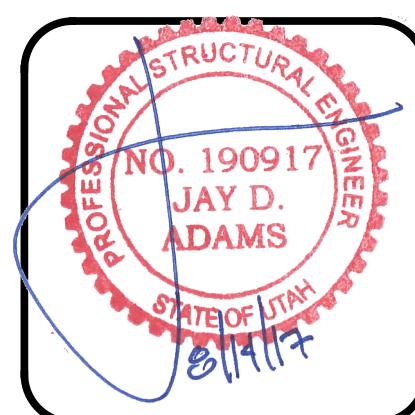
**FLOOR FRAMING NOTES**

- ① FRAME FLOOR w/ 9/8" TJI/210 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
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

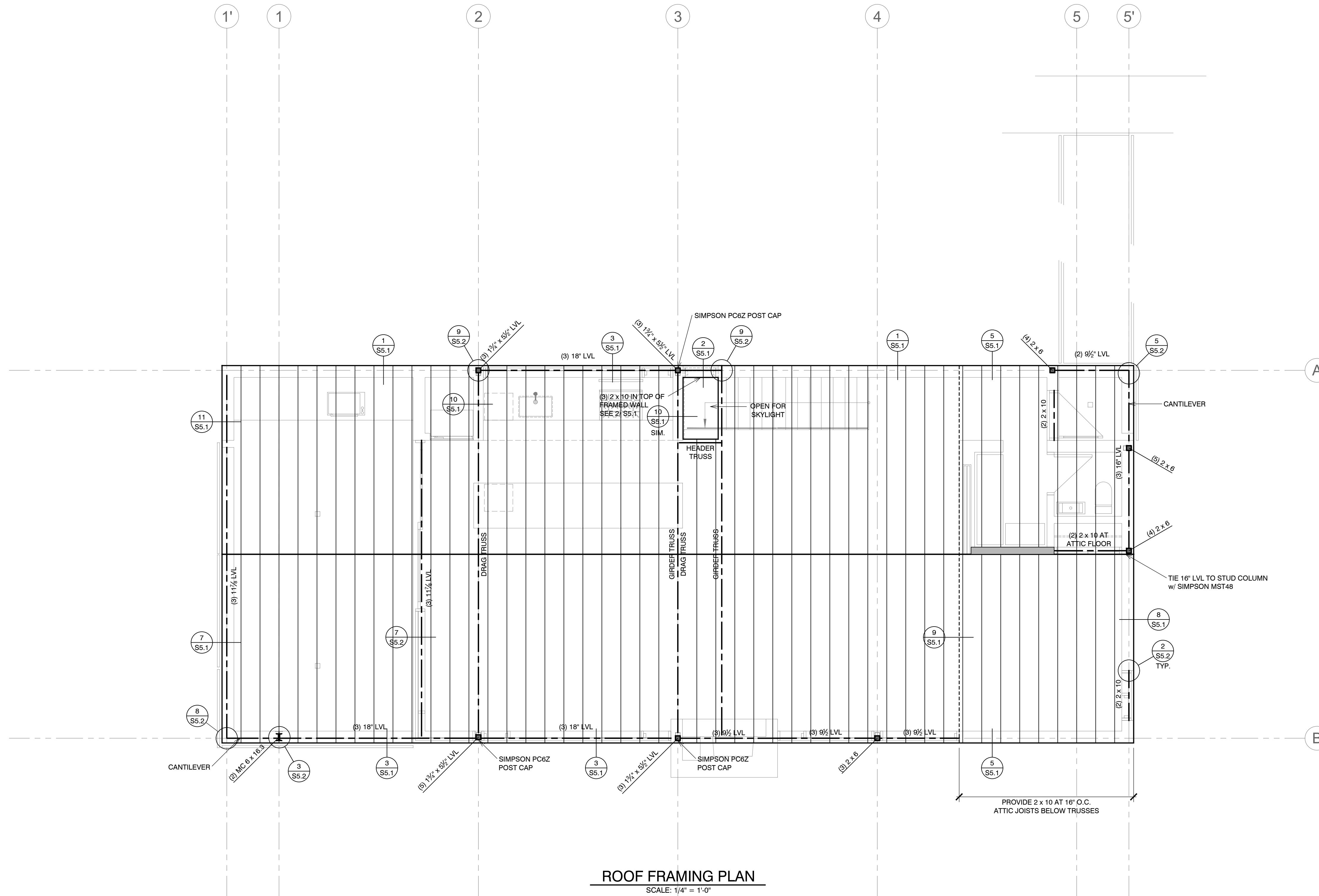
PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE OR LOCAL REGULATIONS.  
**MEM** DATE: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.



DESIGNED BY:	J.D.A.
CHECKED BY:	J.D.A.
SCALE:	1/4" = 1'-0"
DATE:	JULY 13, 2017
JOB No.	17-035

UPPER FLOOR FRAMING PLAN  
 SHEET No.  
**S2.2**





**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.

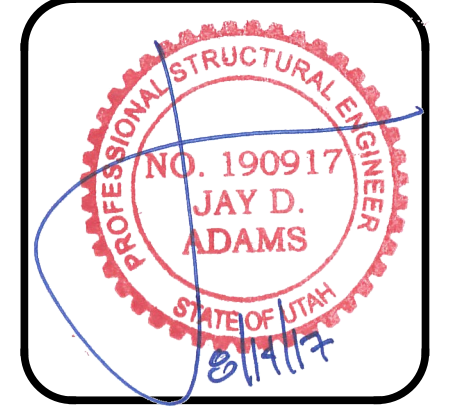
**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW

<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.

**MEM** DATE: 08/21/17  
WEST COAST CODE CONSULTANTS, INC.

Structural Plans for:  
**POWDER MOUNTAIN CABIN 2500**



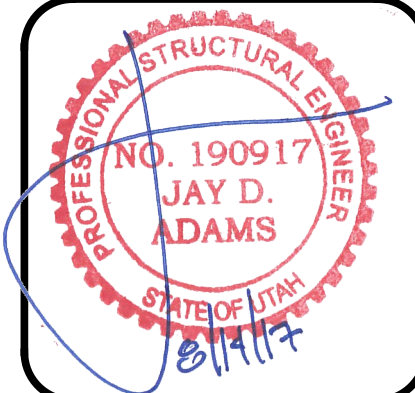
DESIGNED BY:	J.D.A.
CHECKED BY:	J.D.A.
SCALE:	1/4" = 1'-0"
DATE:	JULY 13, 2017
JOB No.	17-035

**ROOF FRAMING PLAN**

SHEET No.  
**S2.3**



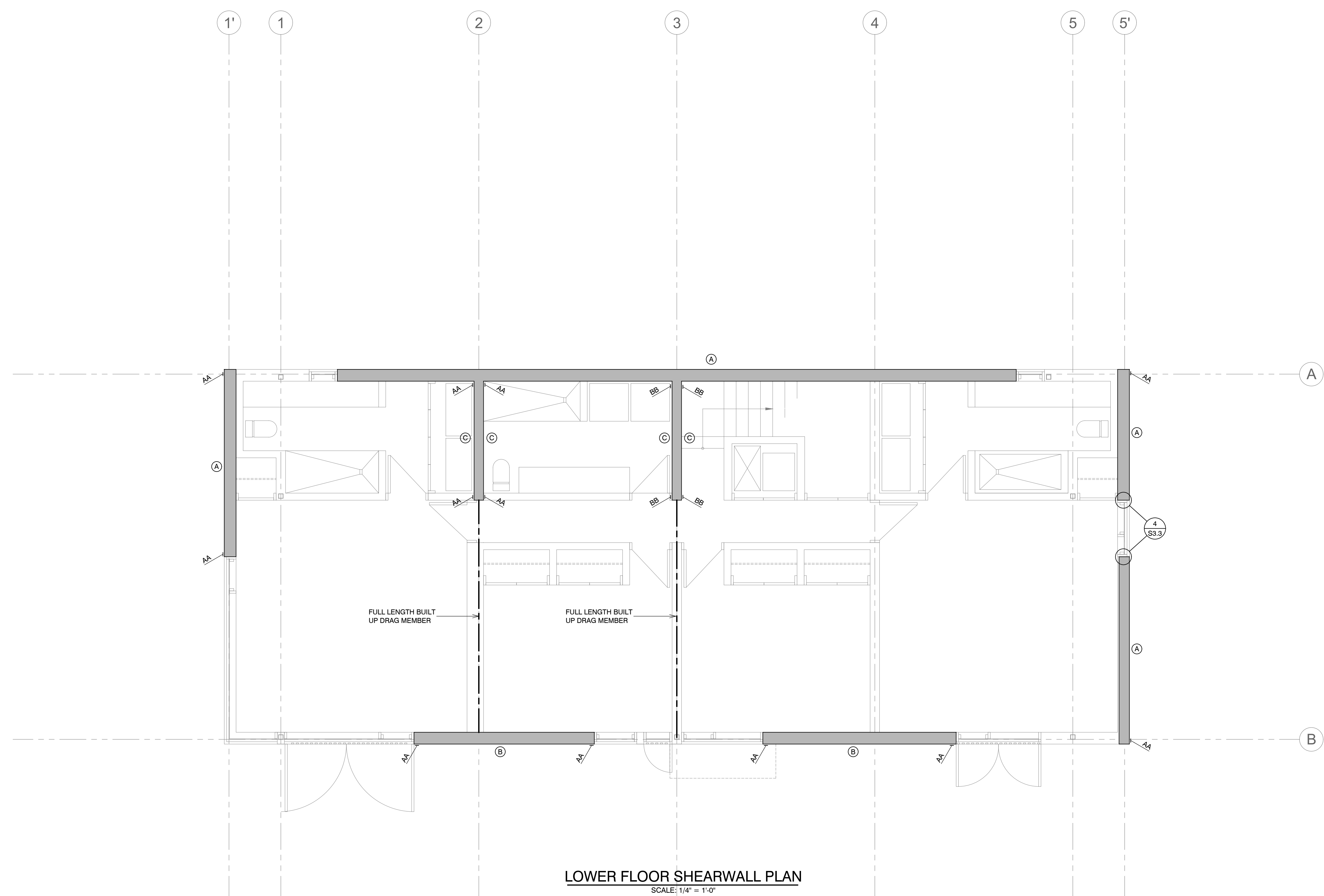
Structural Plans for:  
**POWDER MOUNTAIN CABIN 2500**



DESIGNED BY: J.D.A.  
CHECKED BY: J.D.A.  
SCALE: 1/4" = 1'-0"  
DATE: JULY 13, 2017  
JOB No. 17-035

LOWER FLOOR SHEARWALL PLAN  
SHEET No. **S3.1**

PLAN REVIEW-08/14/2017



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

- 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	HOLD DOWN	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

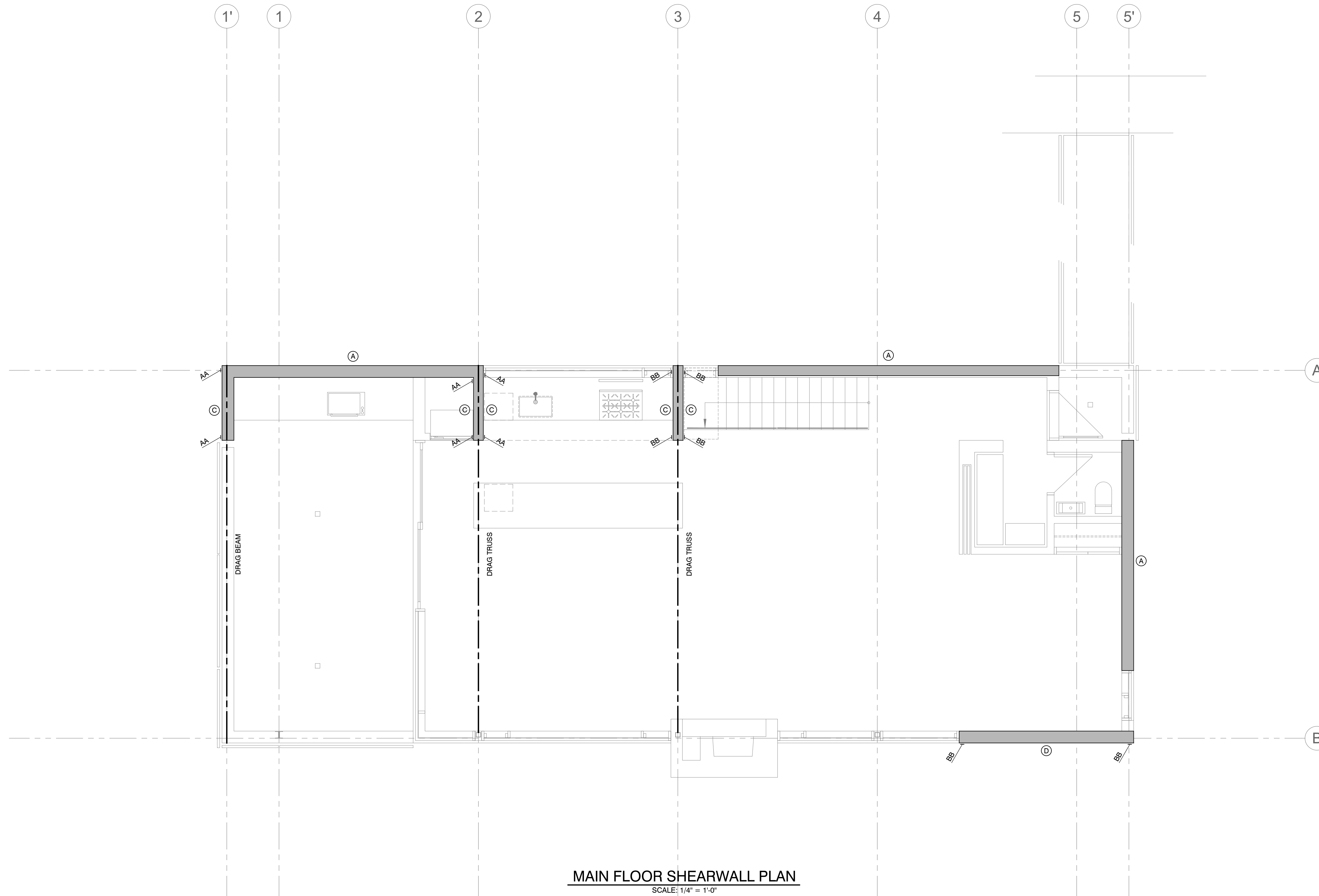
- ALL ANCHORS ARE SIMPSON STRONG-TIE. (OR EQUAL)
- INSTALLATION OF ALL HOLDOWN ANCHORS AND STRAPS SHALL BE PER MANUFACTURES RECOMMENDATIONS AND SPECIFICATIONS
- PROVIDE EDGE NAILING ALONG STUDS CONNECTED TO HOLDOWN ANCHORS AND STRAPS
- SEE SPECIAL INSPECTION PAGE FOR ADDITIONAL REQUIREMENTS

**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.  
MEM DATE: 08/11/17  
WEST COAST CODE CONSULTANTS, INC.





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

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

- 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	HOLD DOWN	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 MANUFACTURES RECOMMENDATIONS AND SPECIFICATIONS
- PROVIDE EDGE NAILING ALONG STUDS CONNECTED TO HOLDOWN ANCHORS AND STRAPS
- SEE SPECIAL INSPECTION PAGE FOR ADDITIONAL REQUIREMENTS

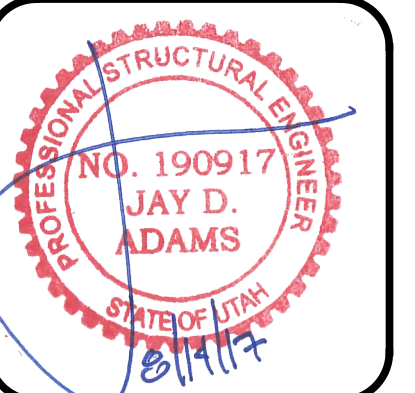
**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW

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.

MEM    DATE: 08/11/17  
WEST COAST CODE CONSULTANTS, INC.

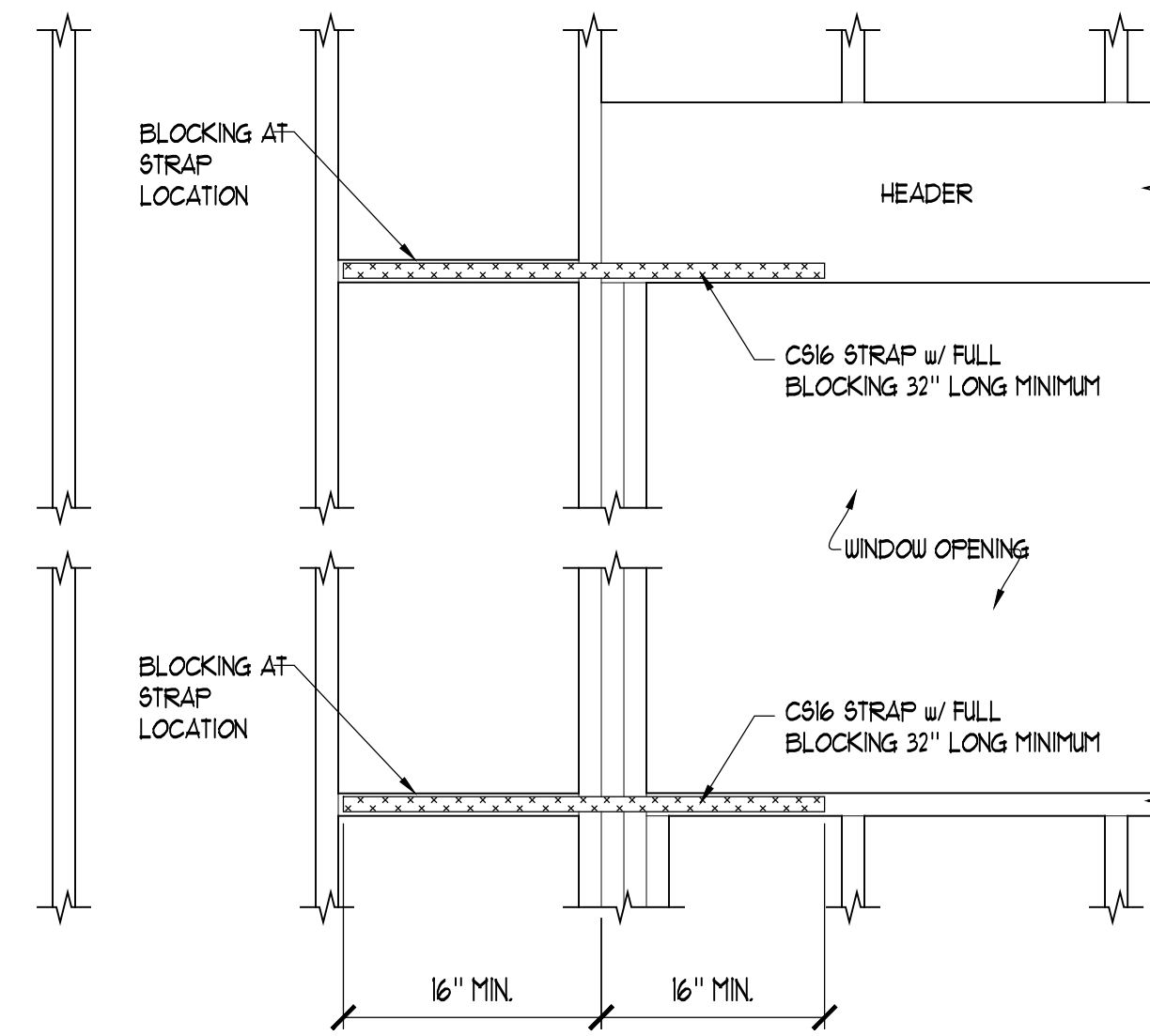
Structural Plans for:  
**POWDER MOUNTAIN CABIN 2500**



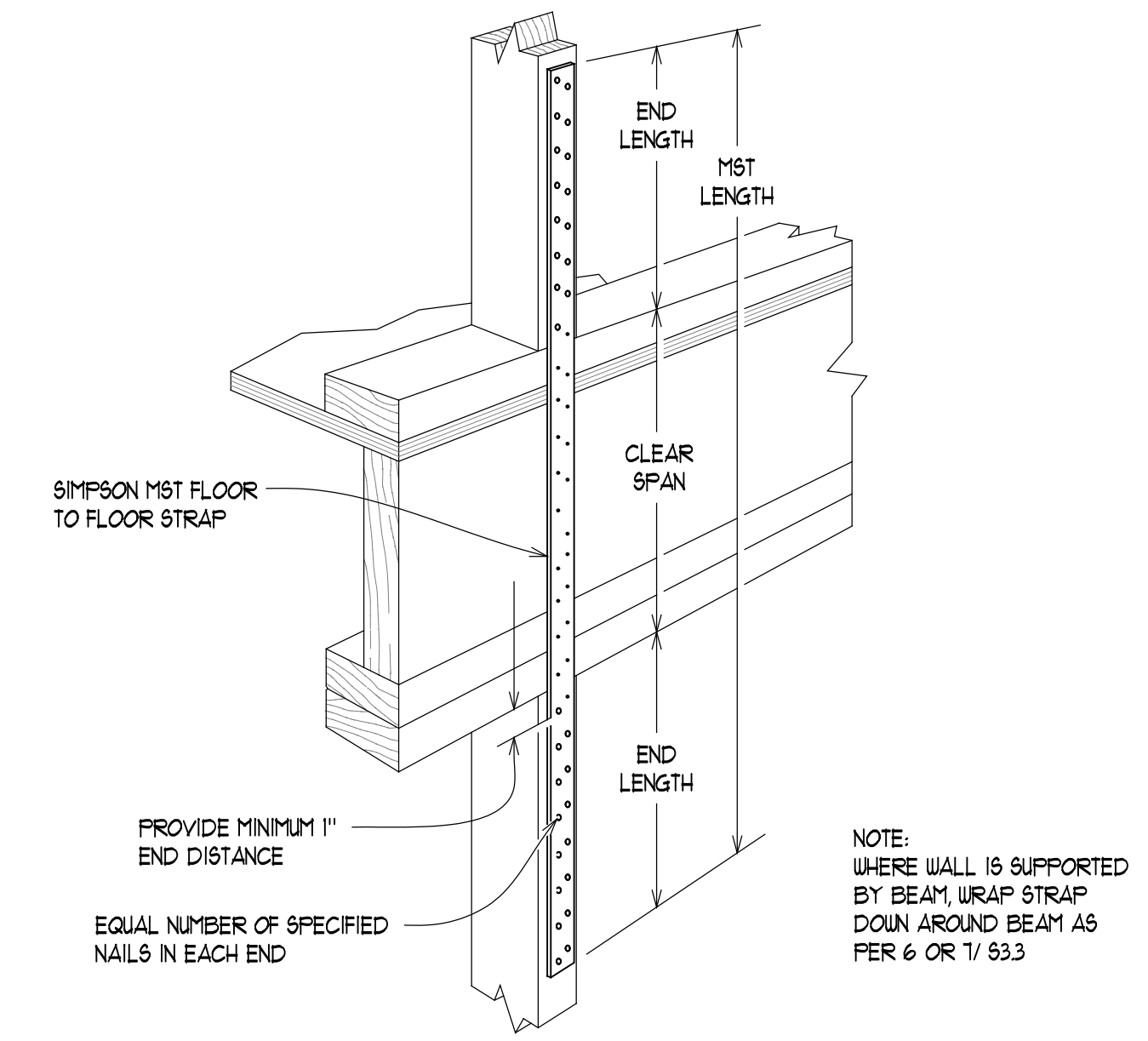
DESIGNED BY: J.D.A.  
CHECKED BY: J.D.A.  
SCALE: 1/4" = 1'-0"  
DATE: JULY 13, 2017  
JOB No. 17-035

MAIN FLOOR SHEARWALL PLAN  
SHEET No. **S3.2**

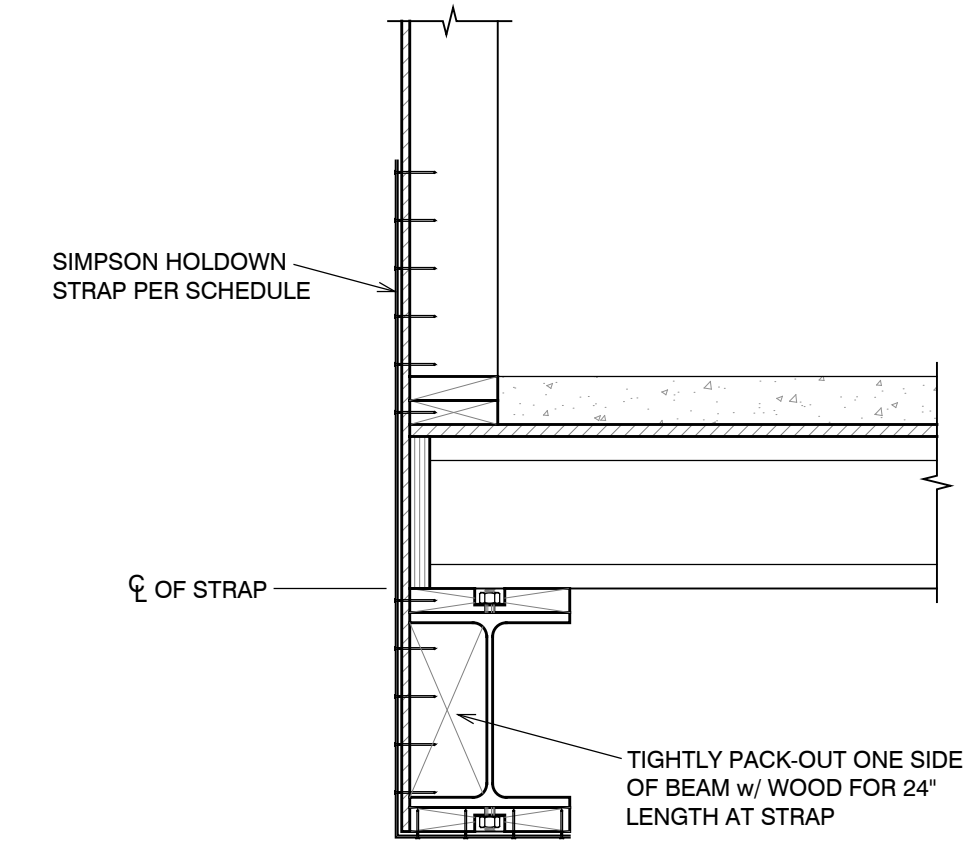




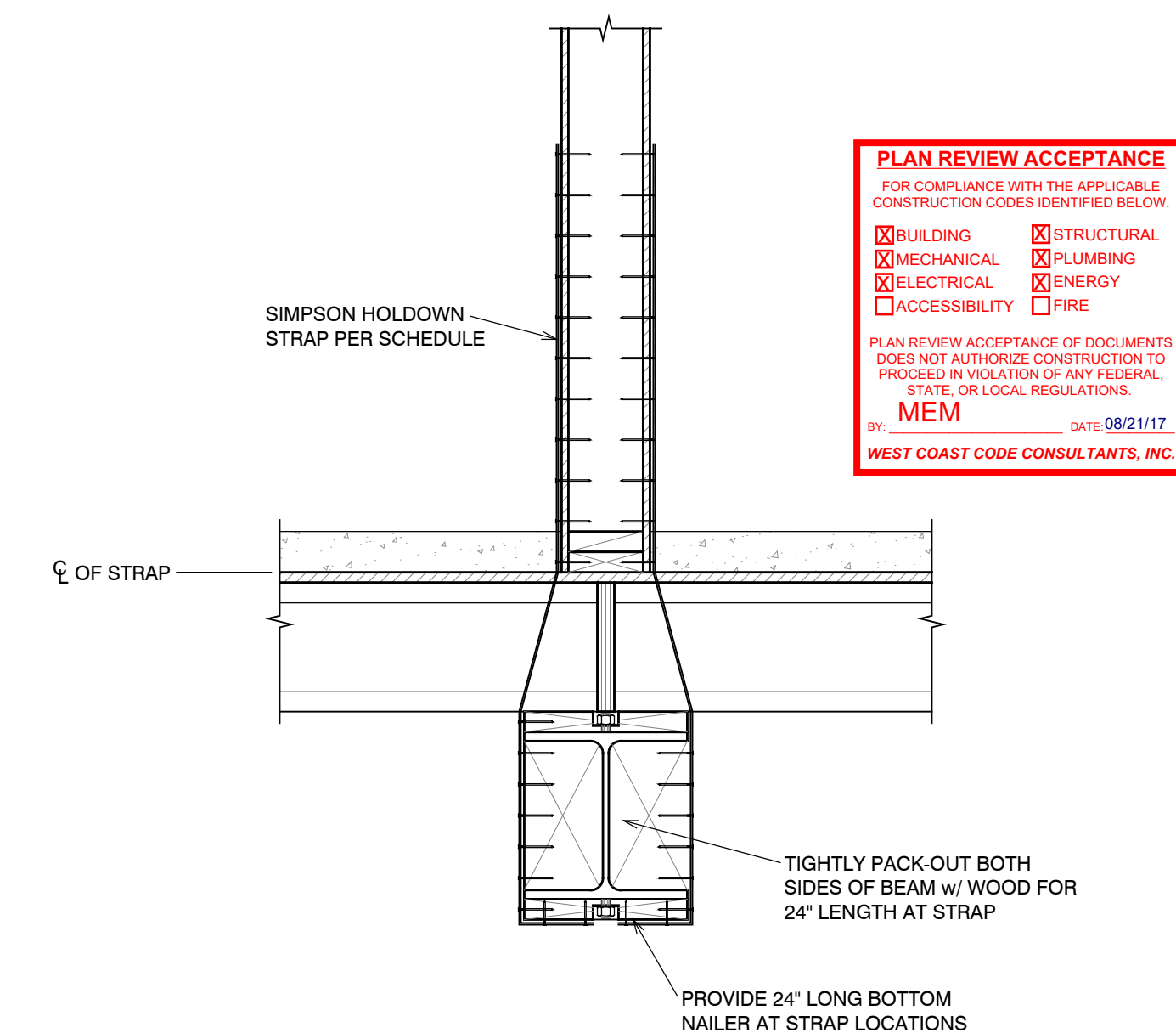
1 CONSTRUCTION DETAIL  
S3.3 NO SCALE



2 CONSTRUCTION DETAIL  
S3.3 NO SCALE



2 CONSTRUCTION DETAIL  
S3.3 NO SCALE



3 CONSTRUCTION DETAIL  
S3.3 NO SCALE

**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: 08/21/17  
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 2500**

PROFESSIONAL STRUCTURAL ENGINEER  
NO. 190917  
JAY D. ADAMS  
STATE OF UTAH

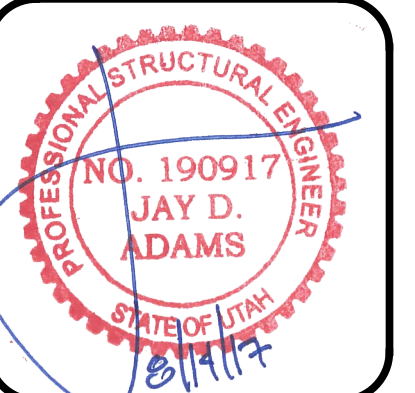
DESIGNED BY: J.D.A.  
CHECKED BY: J.D.A.  
SCALE: AS SHOWN  
DATE: JULY 13, 2017  
JOB No. 17-035

CONSTRUCTION DETAILS  
SHEET No. **S3.3**

PLAN REVIEW-08/14/2017



Structural Plans for:  
**POWDER MOUNTAIN CABIN 2500**



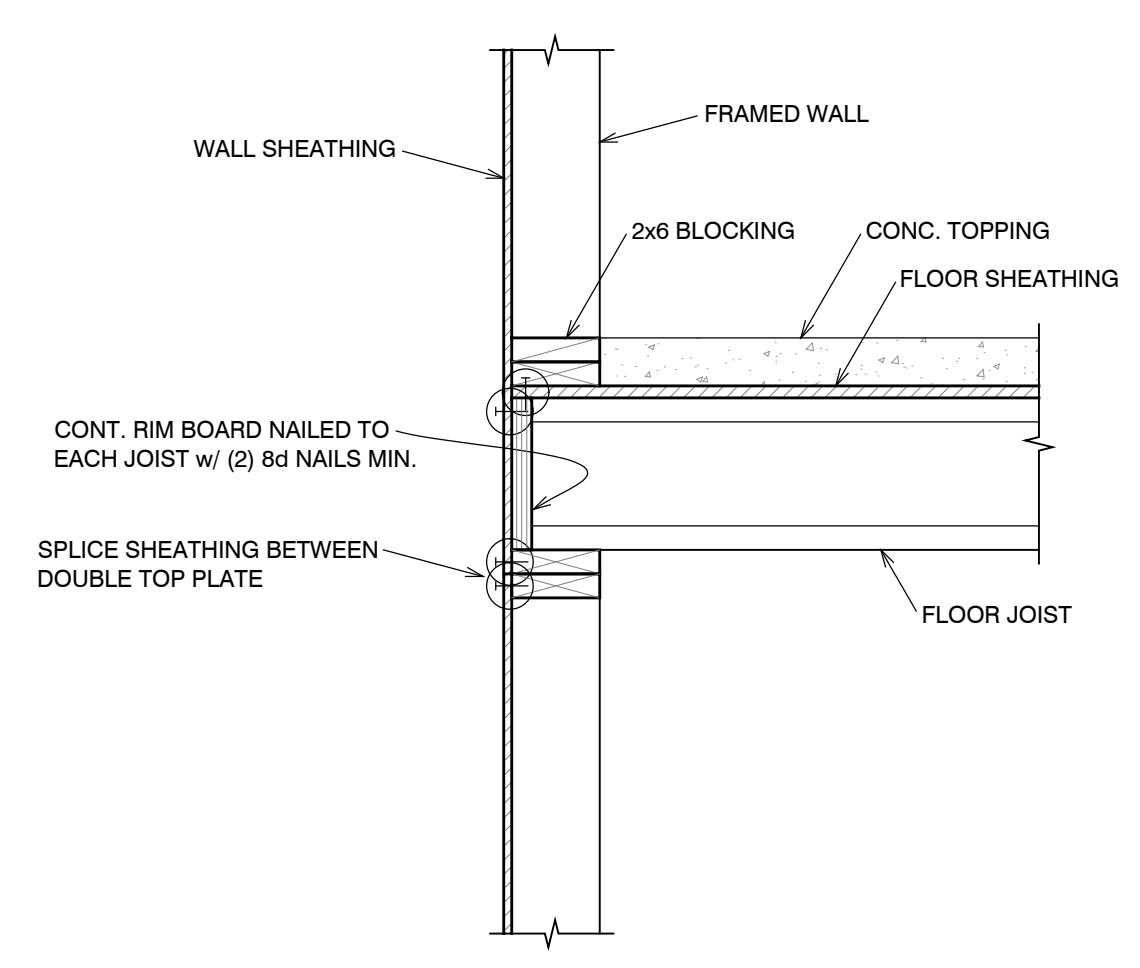
DESIGNED BY: J.D.A.  
 CHECKED BY: J.D.A.  
 SCALE: AS SHOWN  
 DATE: JULY 13, 2017  
 JOB No. 17-035

**CONSTRUCTION DETAILS**

SHEET No.  
**S4.1**

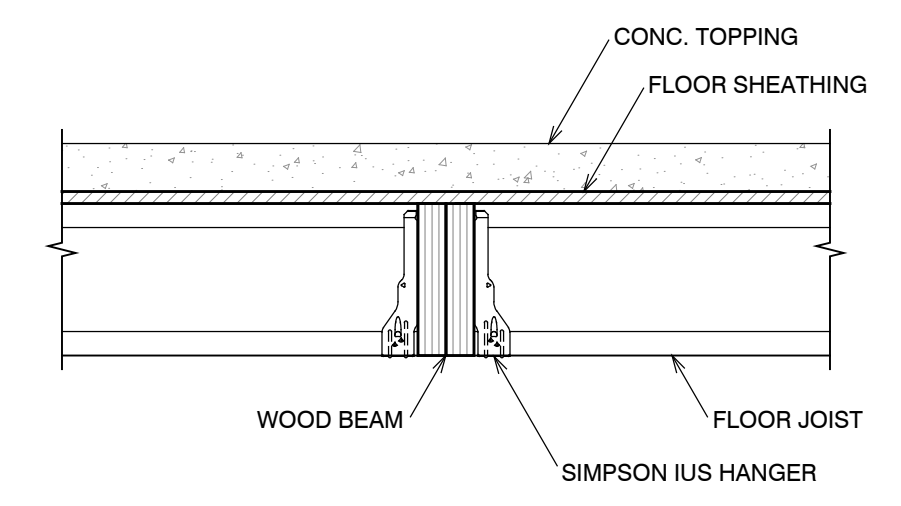
PLAN REVIEW-08/14/2017

① = DIAPHRAGM EDGE NAILING SEE FRAMING NOTES  
 ⊖ = SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN



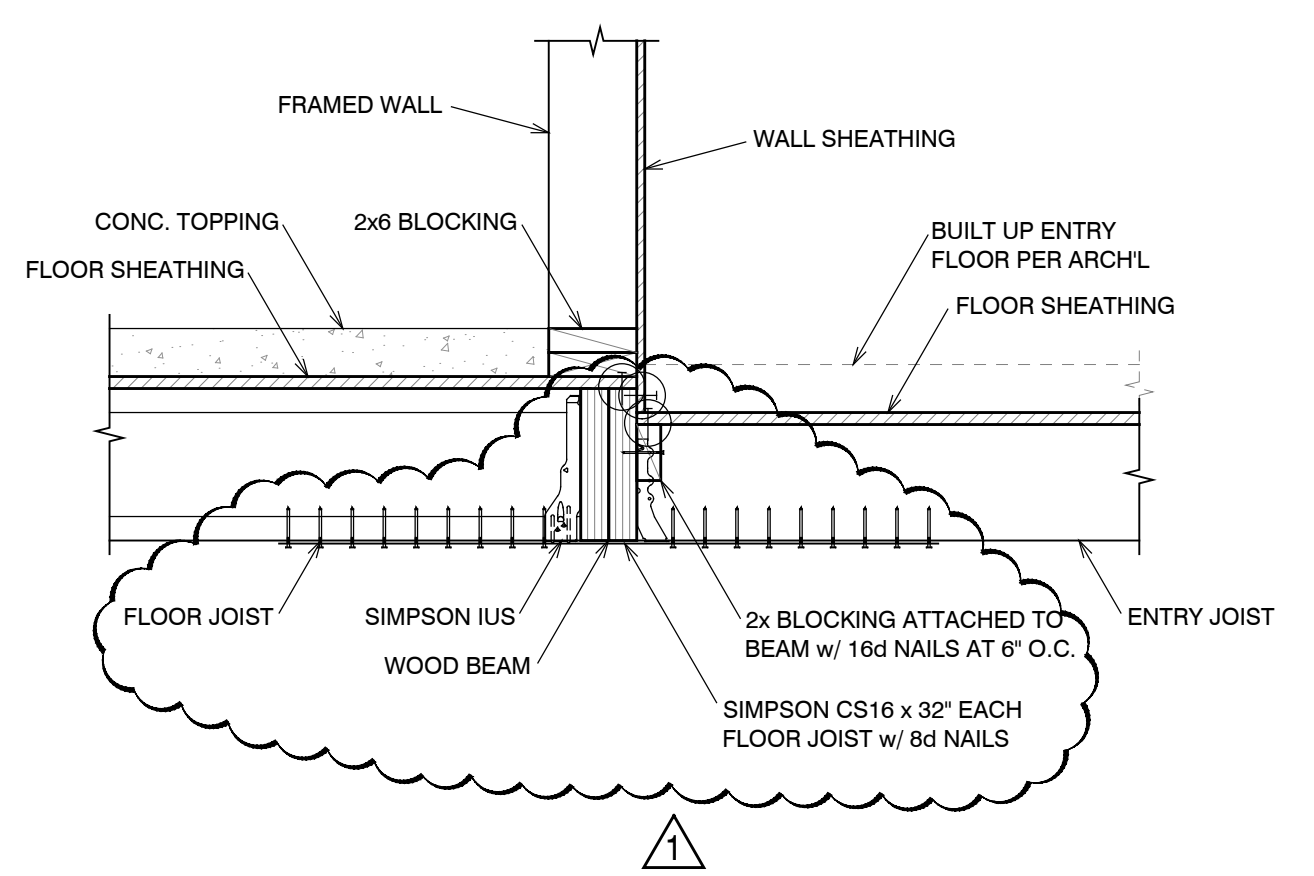
**1** CONSTRUCTION DETAIL  
 S4.1 NO SCALE

① = DIAPHRAGM EDGE NAILING SEE FRAMING NOTES  
 ⊖ = SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN



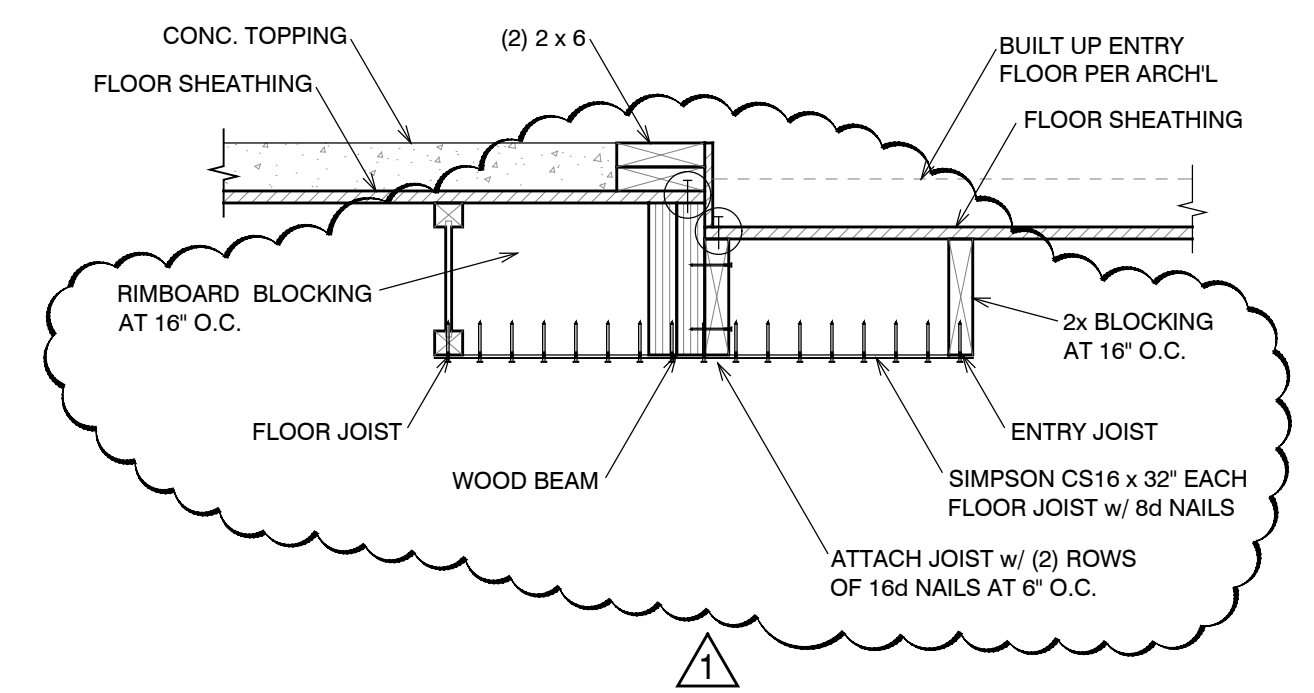
**4** CONSTRUCTION DETAIL  
 S4.1 NO SCALE

① = DIAPHRAGM EDGE NAILING SEE FRAMING NOTES  
 ⊖ = SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN



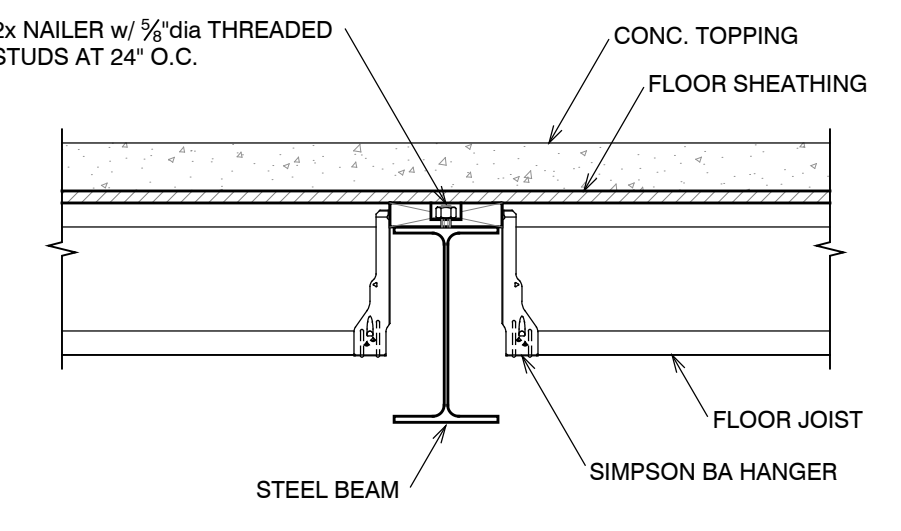
**7** CONSTRUCTION DETAIL  
 S4.1 NO SCALE

① = DIAPHRAGM EDGE NAILING SEE FRAMING NOTES  
 ⊖ = SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN



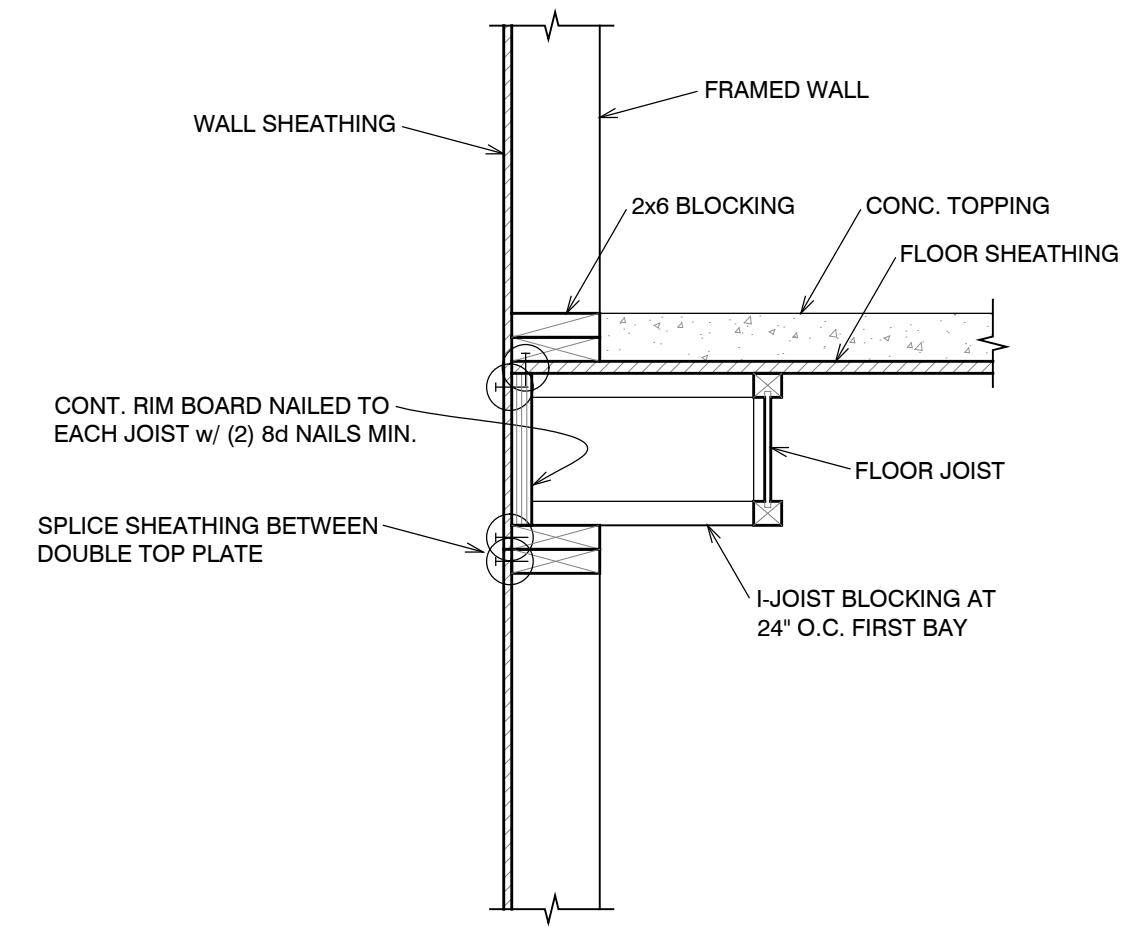
**8** CONSTRUCTION DETAIL  
 S4.1 NO SCALE

① = DIAPHRAGM EDGE NAILING SEE FRAMING NOTES  
 ⊖ = SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN



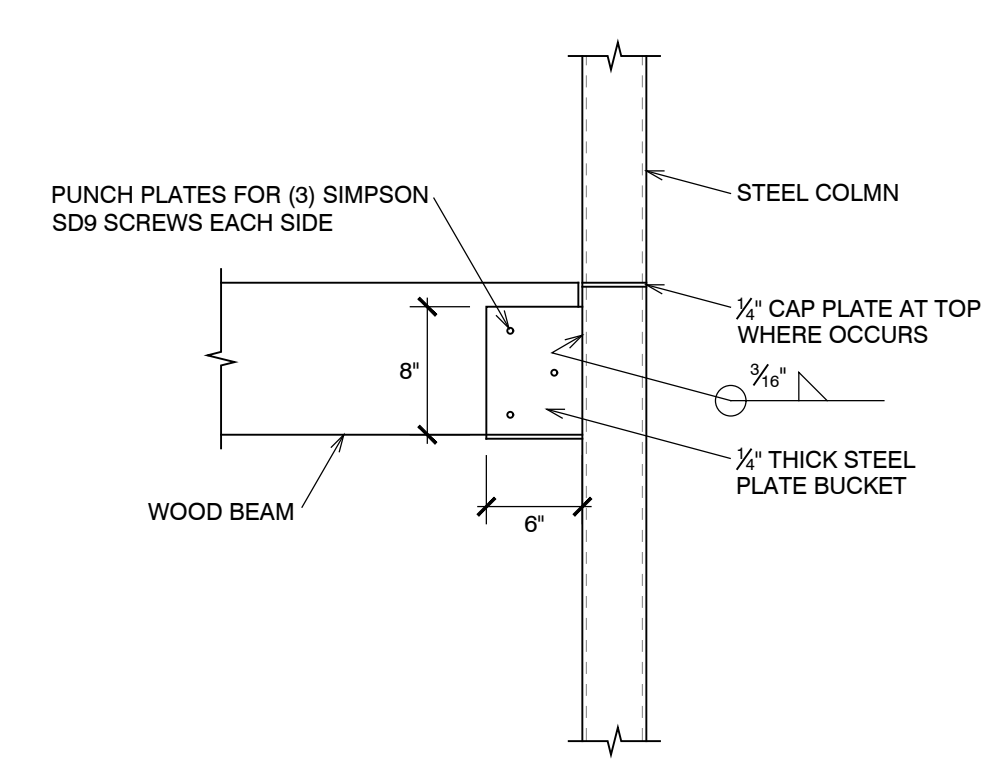
**5** CONSTRUCTION DETAIL  
 S4.1 NO SCALE

① = DIAPHRAGM EDGE NAILING SEE FRAMING NOTES  
 ⊖ = SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN



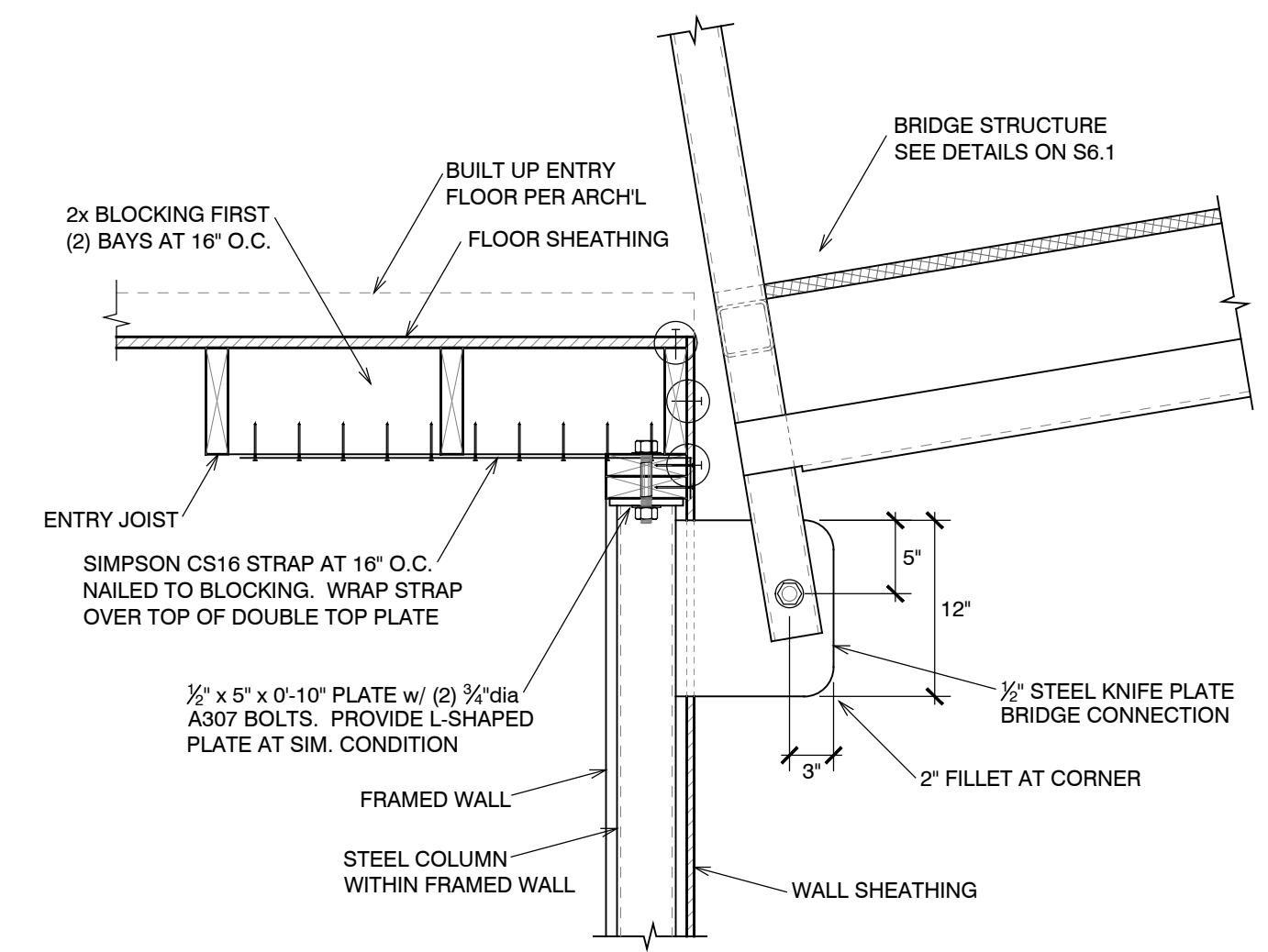
**2** CONSTRUCTION DETAIL  
 S4.1 NO SCALE

① = DIAPHRAGM EDGE NAILING SEE FRAMING NOTES  
 ⊖ = SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN



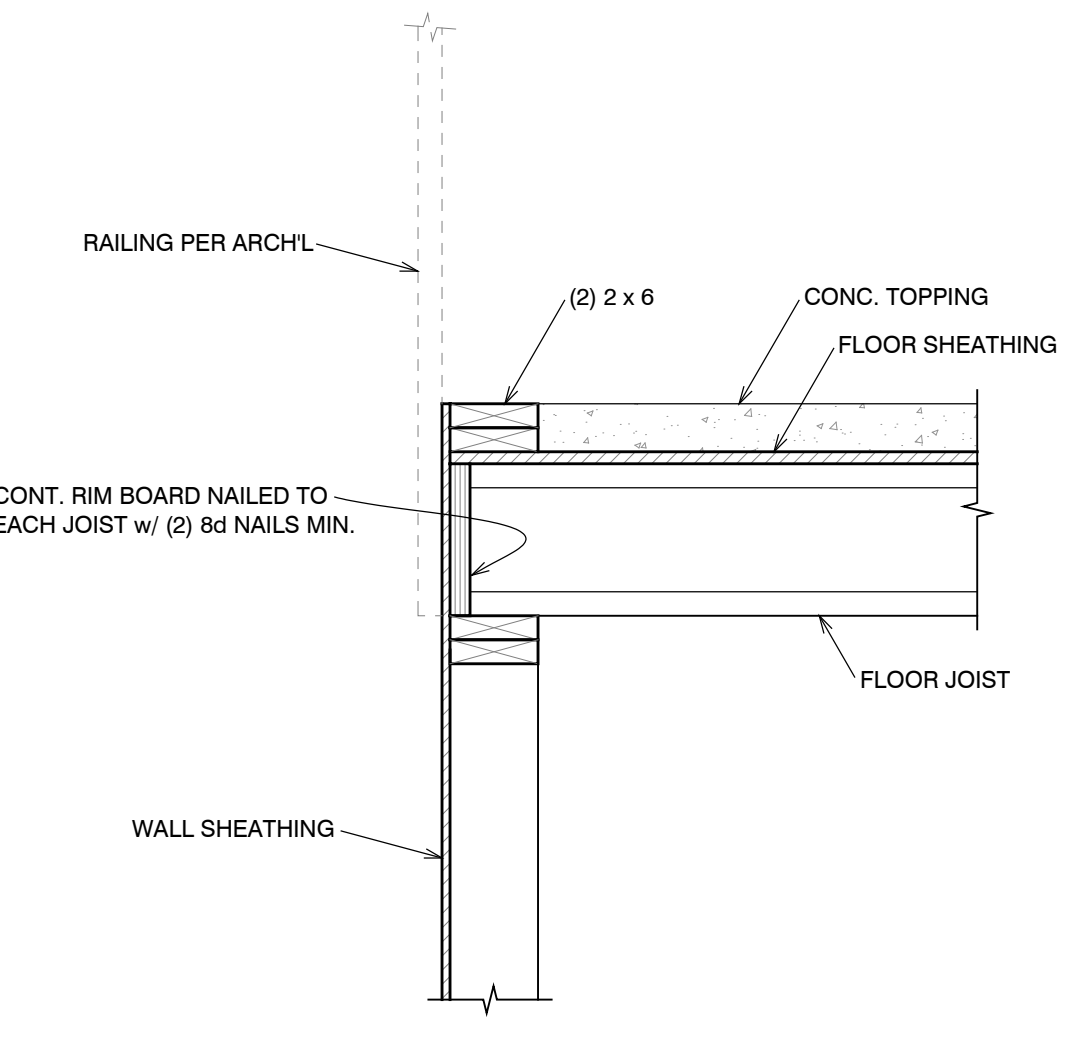
**10** CONSTRUCTION DETAIL  
 S4.1 NO SCALE

① = DIAPHRAGM EDGE NAILING SEE FRAMING NOTES  
 ⊖ = SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN



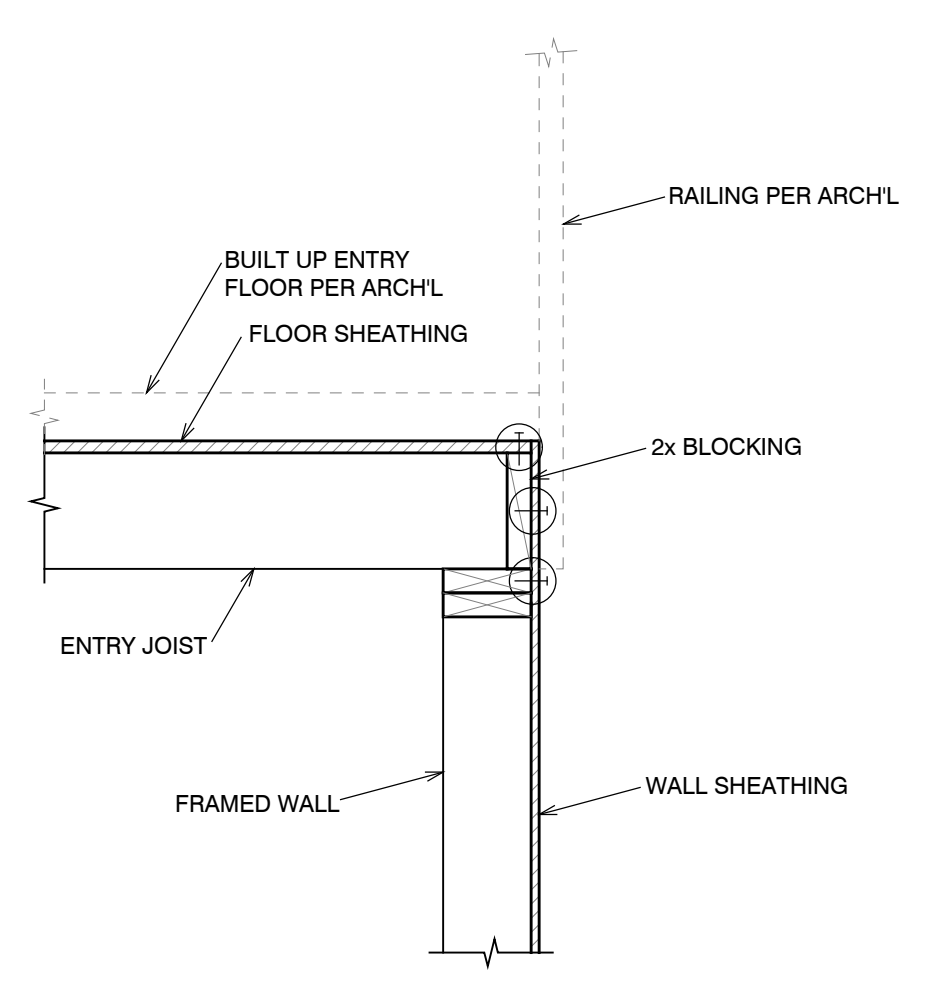
**12** CONSTRUCTION DETAIL  
 S4.1 NO SCALE

① = DIAPHRAGM EDGE NAILING SEE FRAMING NOTES  
 ⊖ = SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN



**9** CONSTRUCTION DETAIL  
 S4.1 NO SCALE

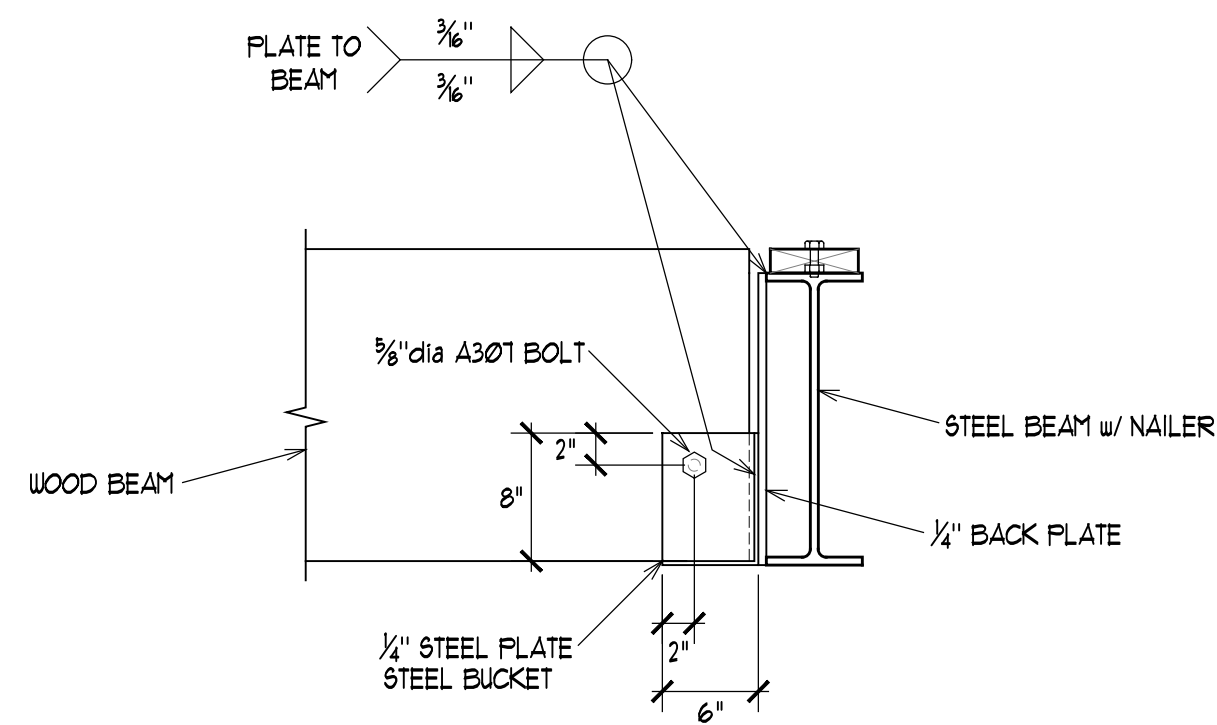
① = DIAPHRAGM EDGE NAILING SEE FRAMING NOTES  
 ⊖ = SHEAR WALL EDGE NAILING SEE SHEAR WALL PLAN



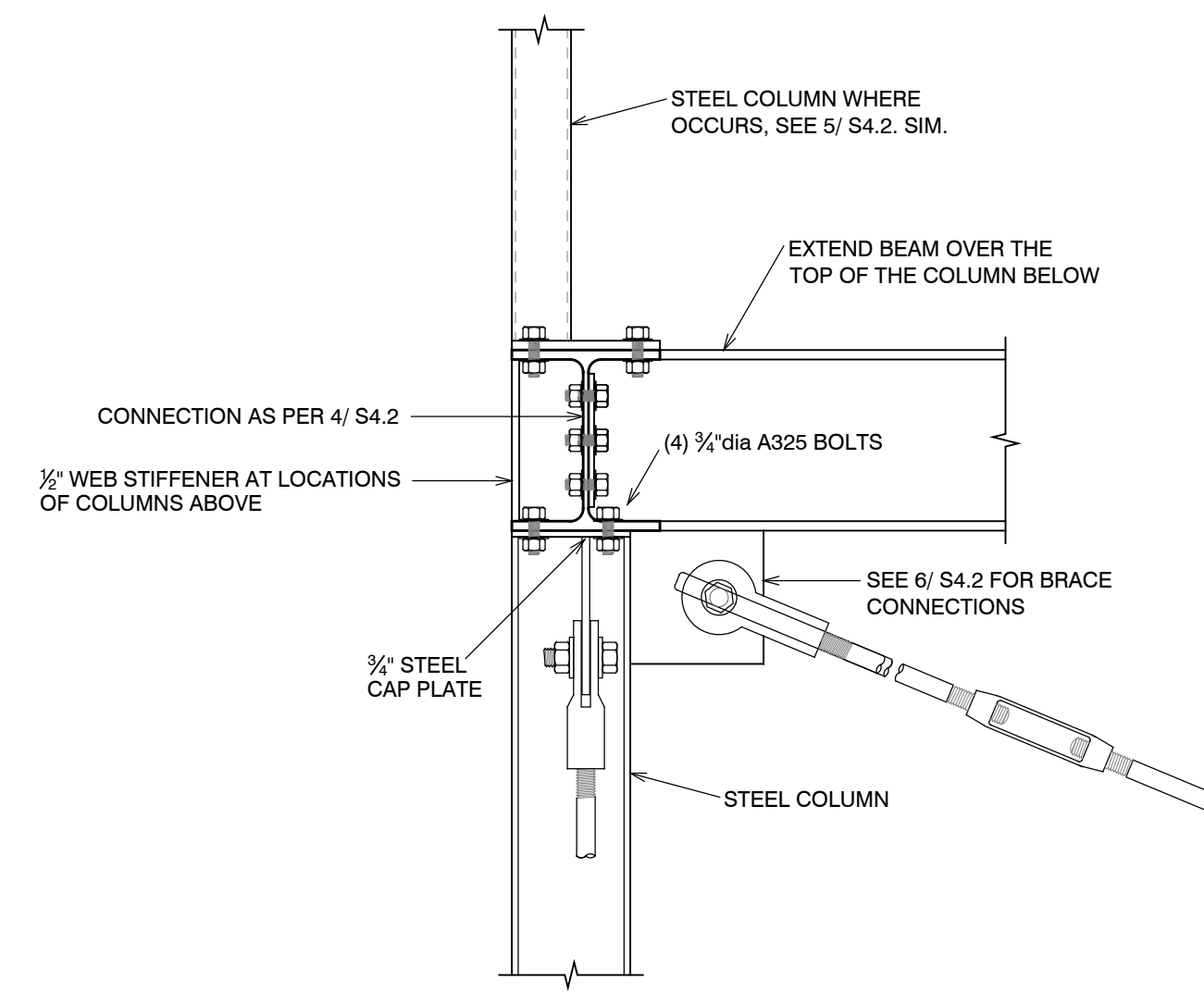
**6** CONSTRUCTION DETAIL  
 S4.1 NO SCALE

**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 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

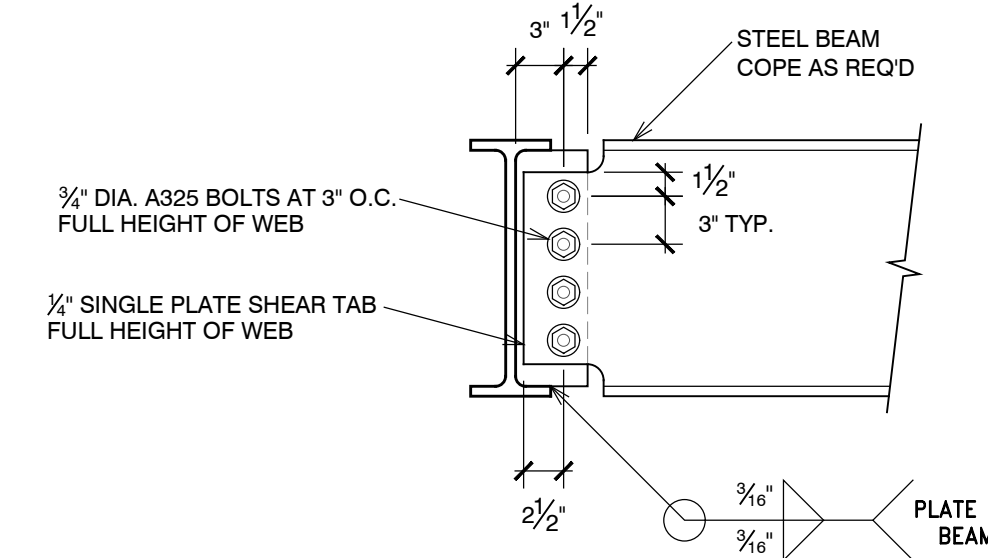




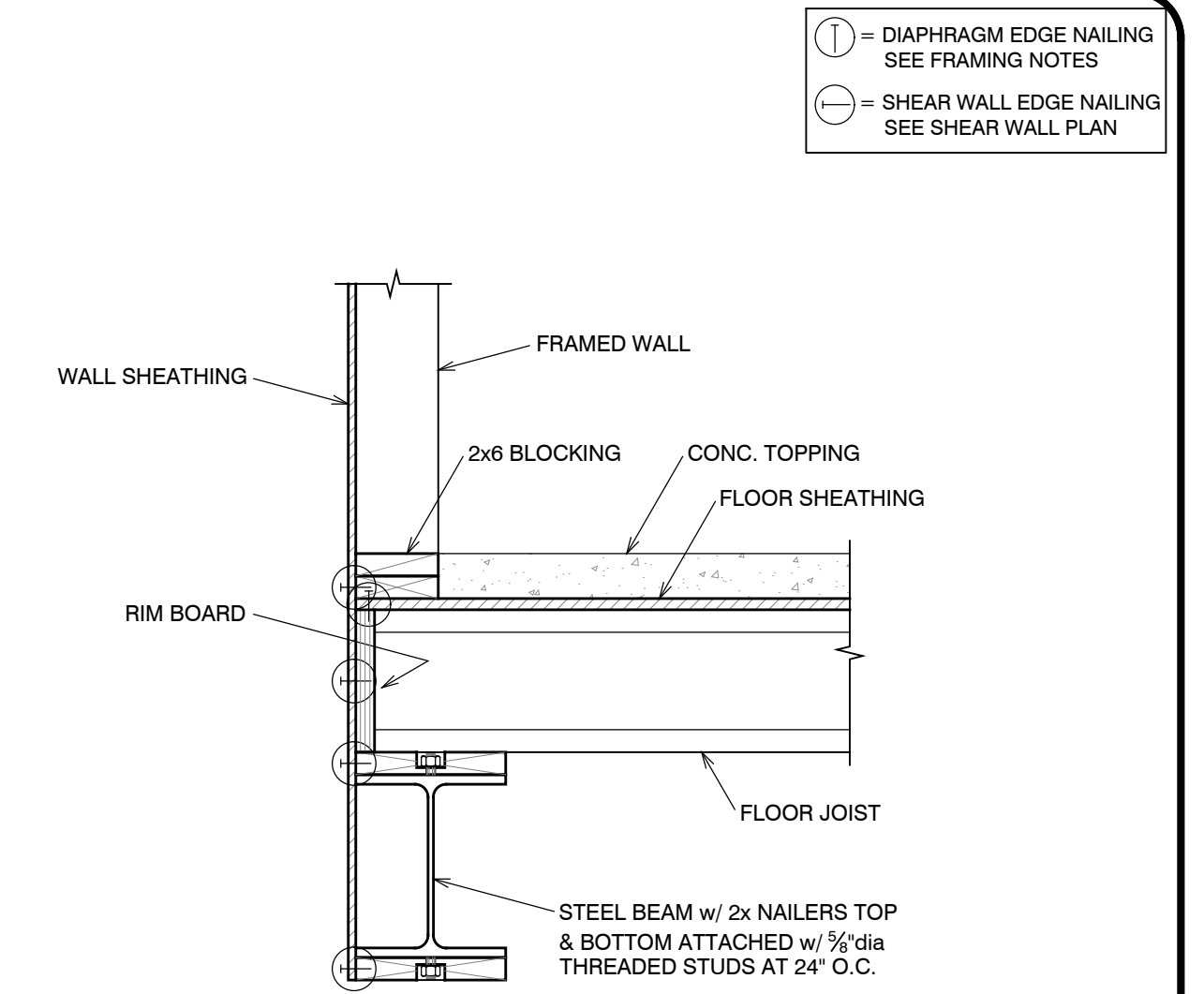
10 CONSTRUCTION DETAIL  
S4.2 NO SCALE



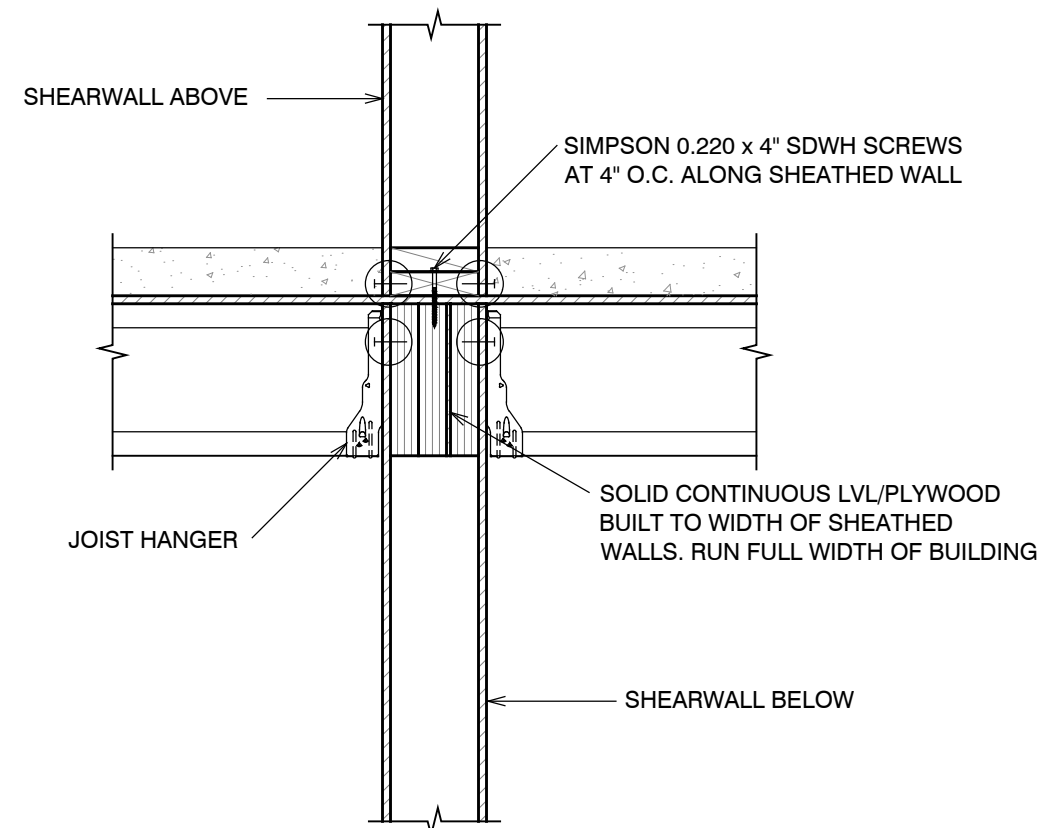
7 CONSTRUCTION DETAIL  
S4.2 NO SCALE



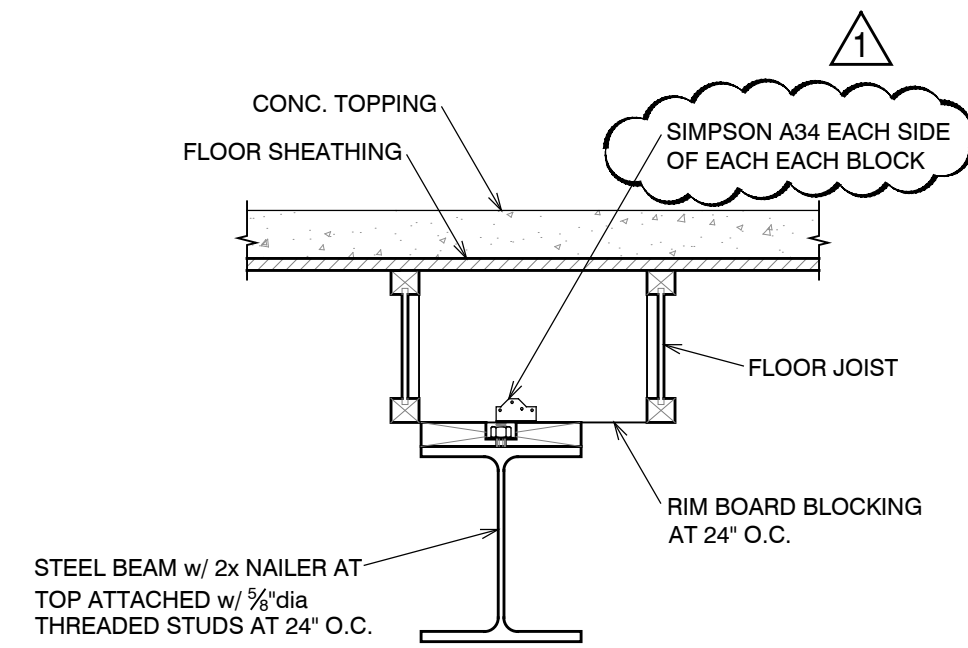
4 CONSTRUCTION DETAIL  
S4.2 NO SCALE



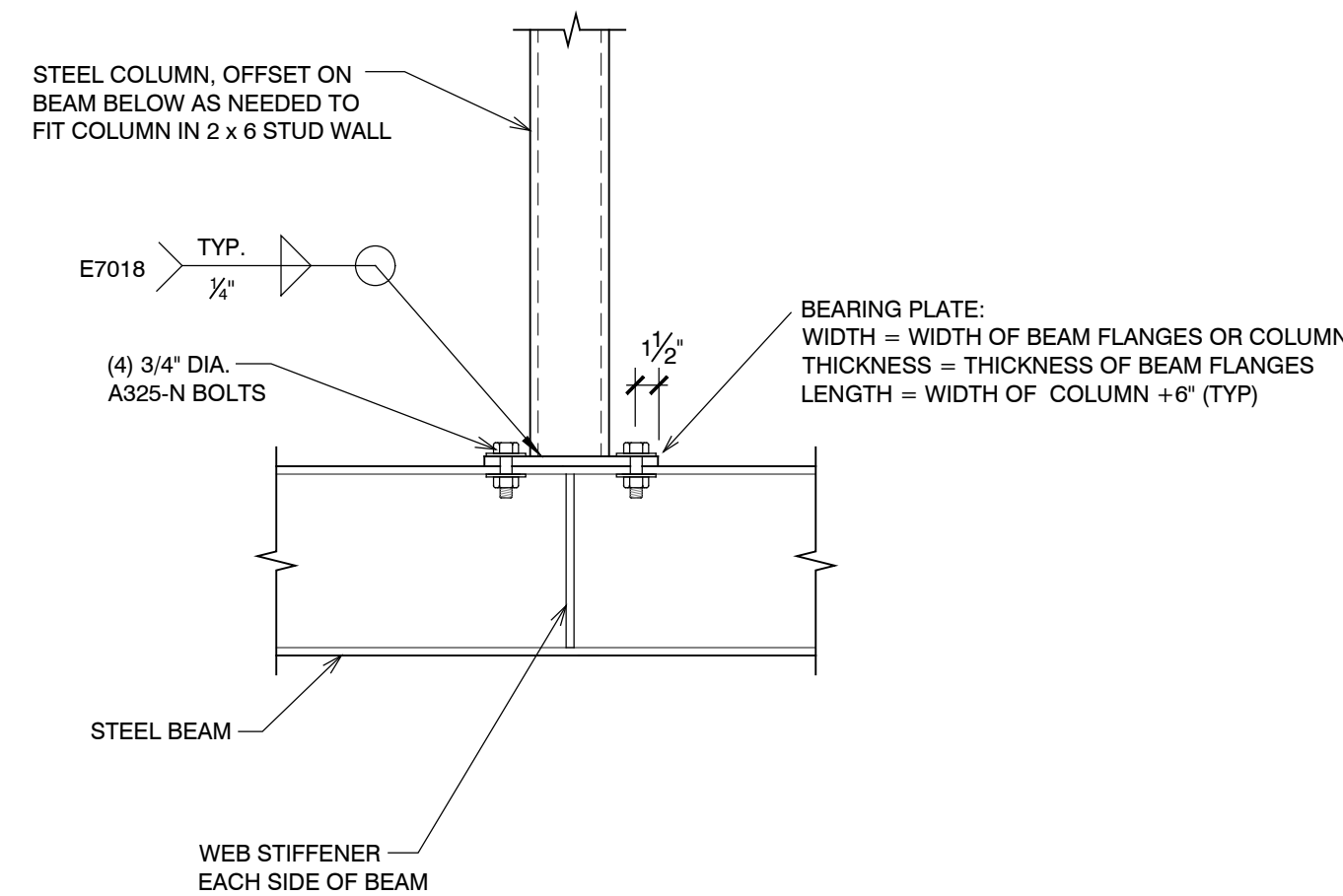
1 CONSTRUCTION DETAIL  
S4.2 NO SCALE



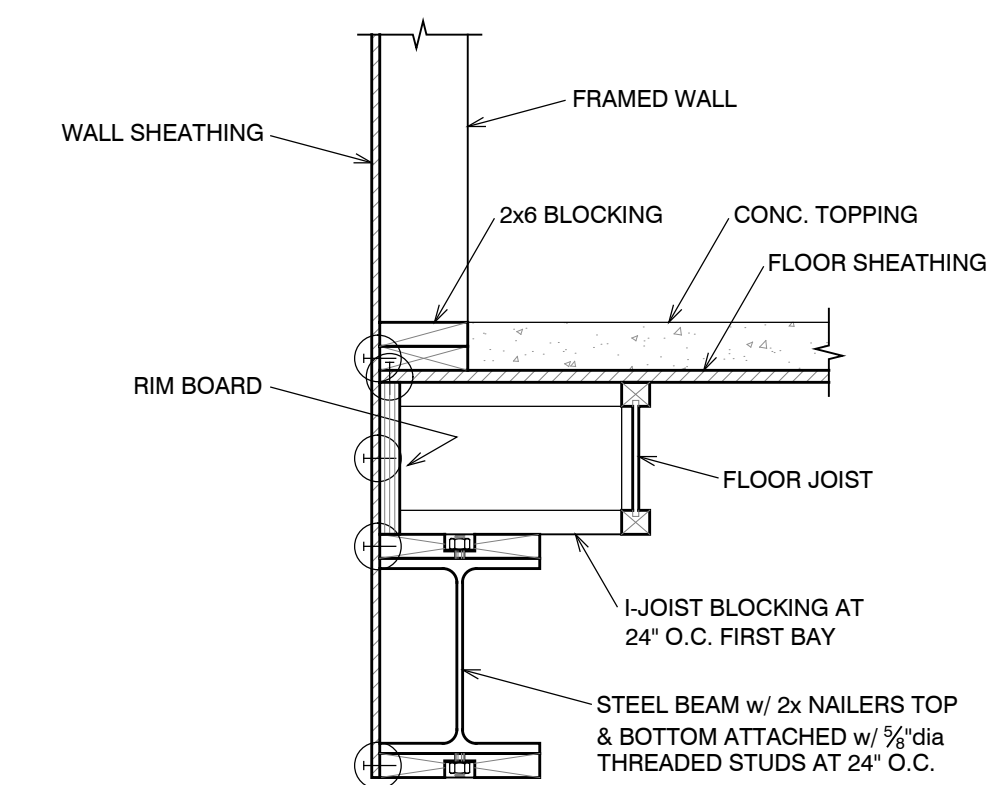
11 CONSTRUCTION DETAIL  
S4.2 NO SCALE



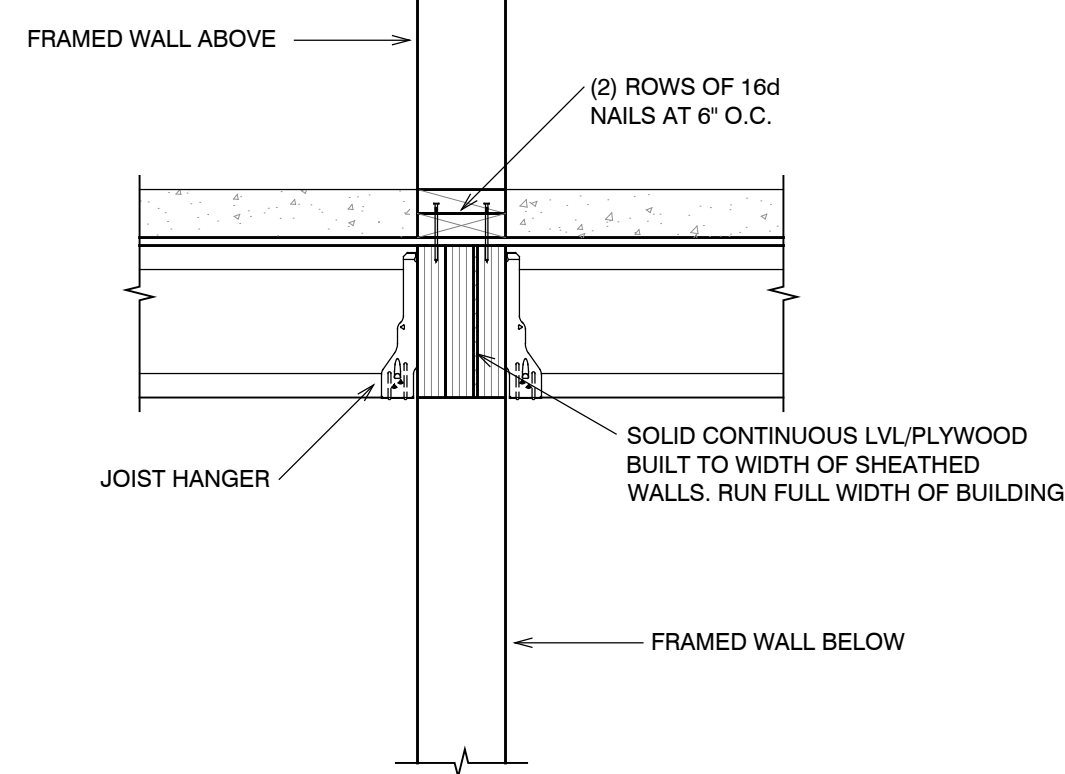
8 CONSTRUCTION DETAIL  
S4.2 NO SCALE



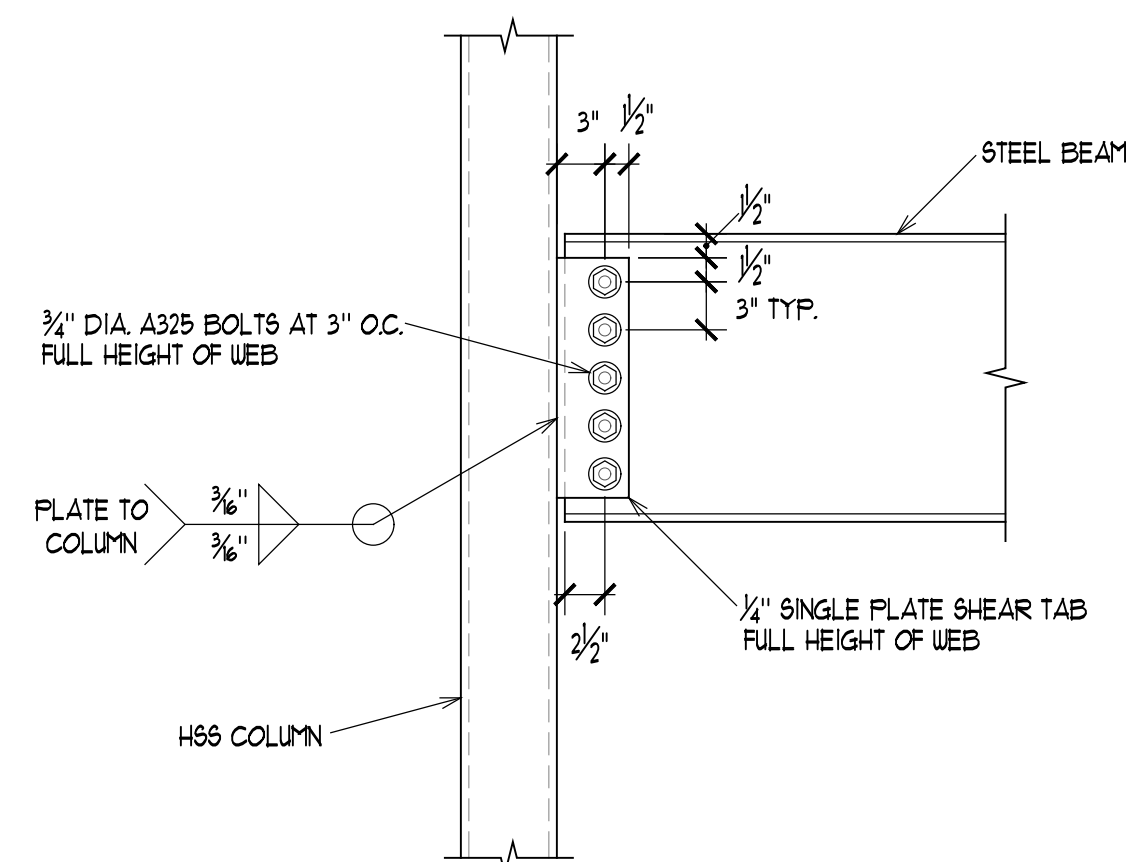
5 CONSTRUCTION DETAIL  
S4.2 NO SCALE



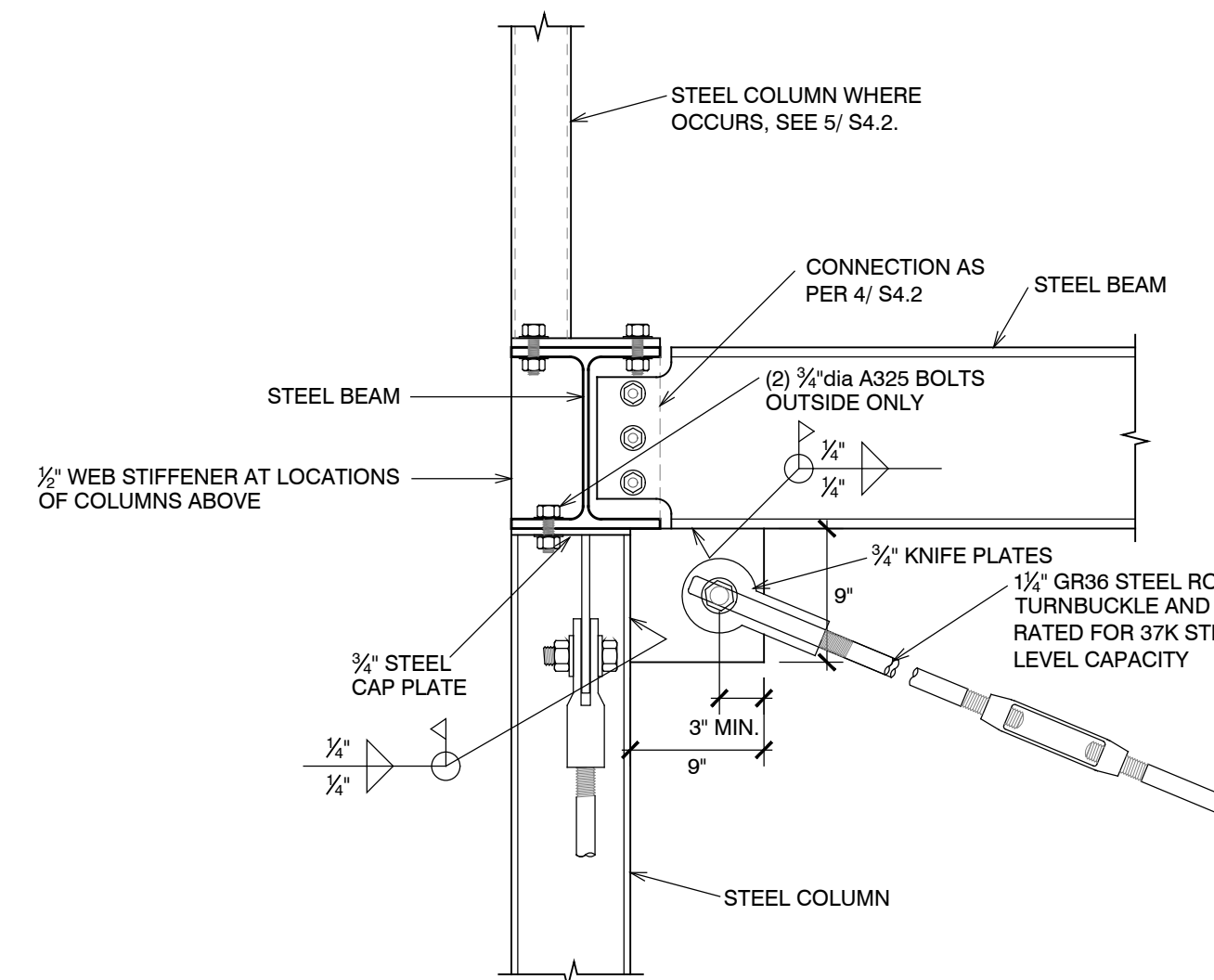
2 CONSTRUCTION DETAIL  
S4.2 NO SCALE



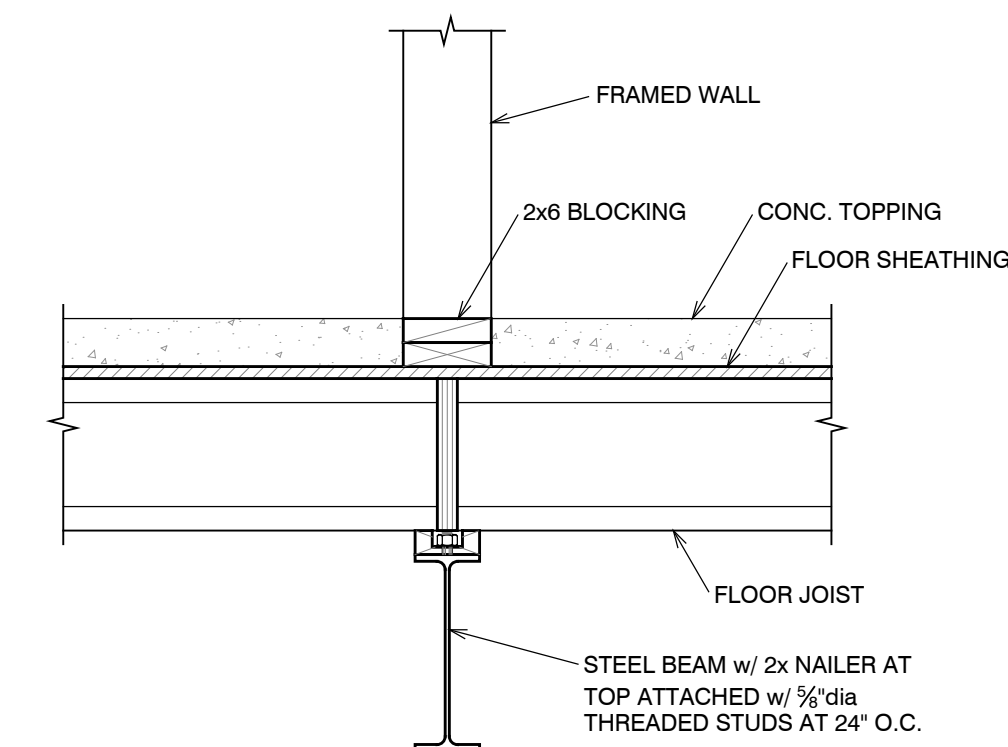
12 CONSTRUCTION DETAIL  
S4.2 NO SCALE



9 CONSTRUCTION DETAIL  
S4.2 NO SCALE



6 CONSTRUCTION DETAIL  
S4.2 NO SCALE



3 CONSTRUCTION DETAIL  
S4.2 NO SCALE

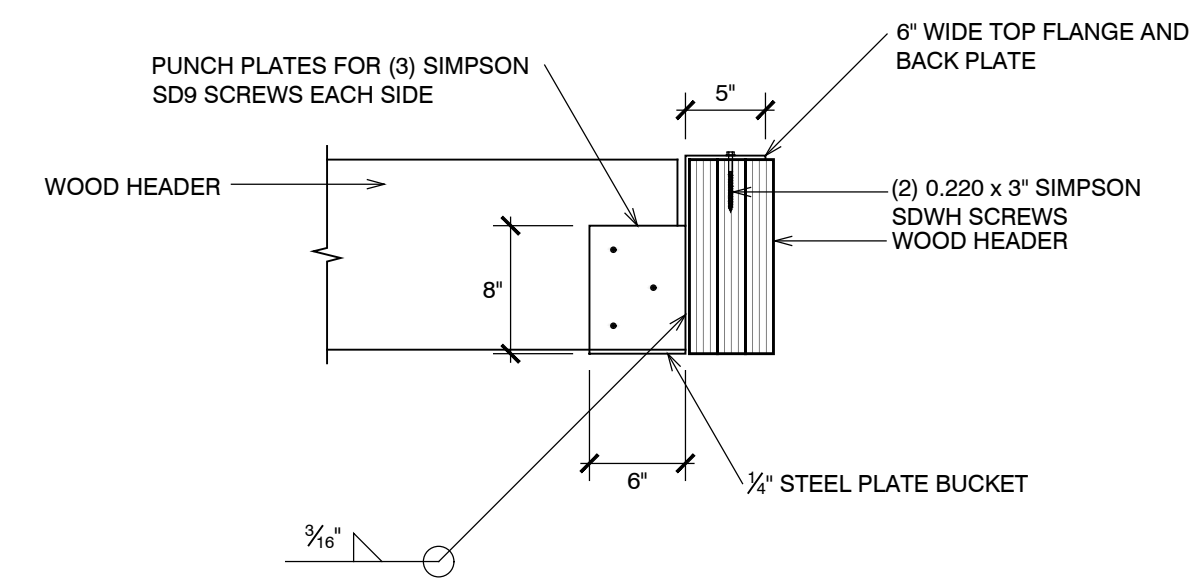
① = DIAPHRAGM EDGE NAILING  
SEE FRAMING NOTES  
② = SHEAR WALL EDGE NAILING  
SEE SHEAR WALL PLAN

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

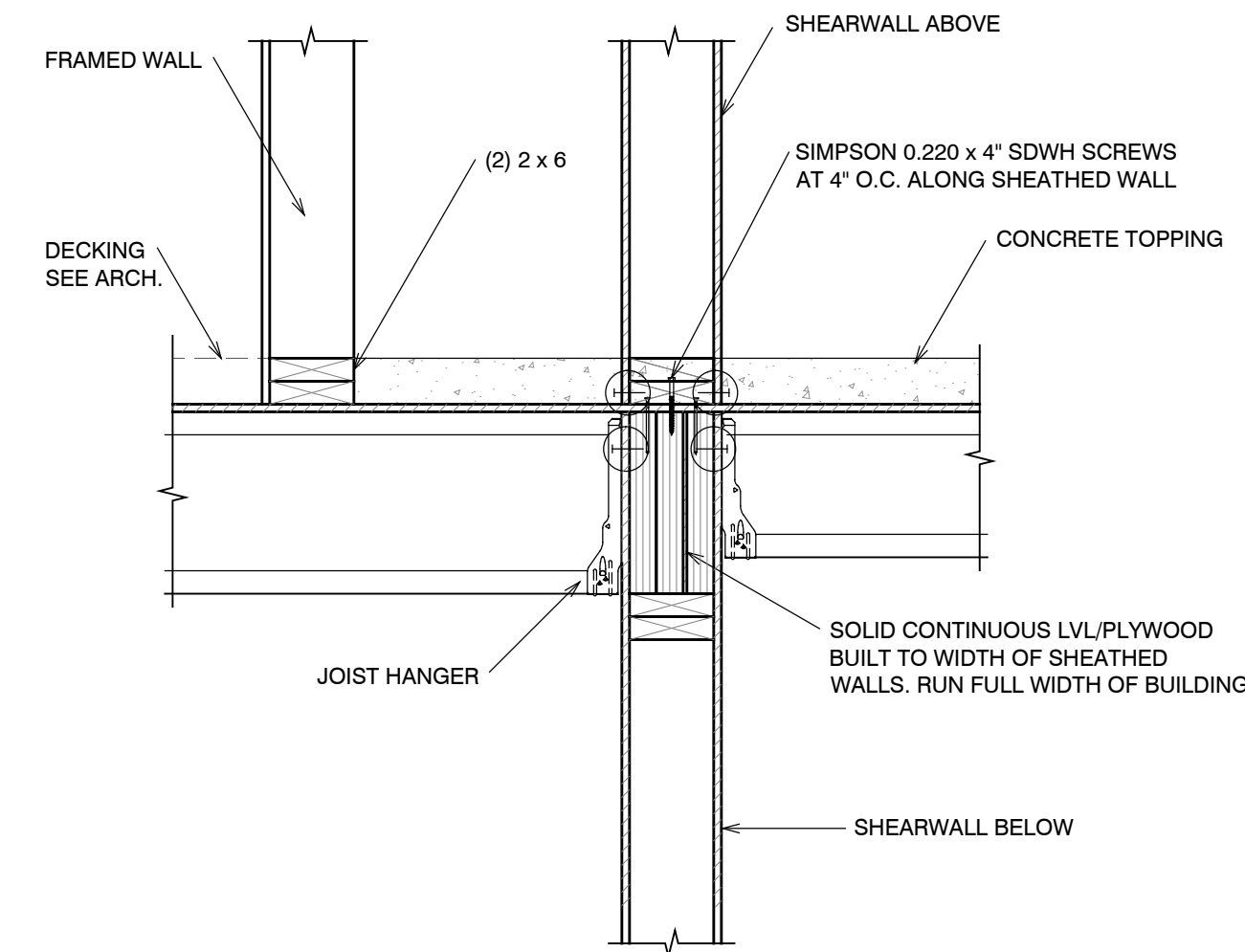
① = DIAPHRAGM EDGE NAILING  
SEE FRAMING NOTES  
② = SHEAR WALL EDGE NAILING  
SEE SHEAR WALL PLAN

**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: 08/21/17  
WEST COAST CODE CONSULTANTS, INC.

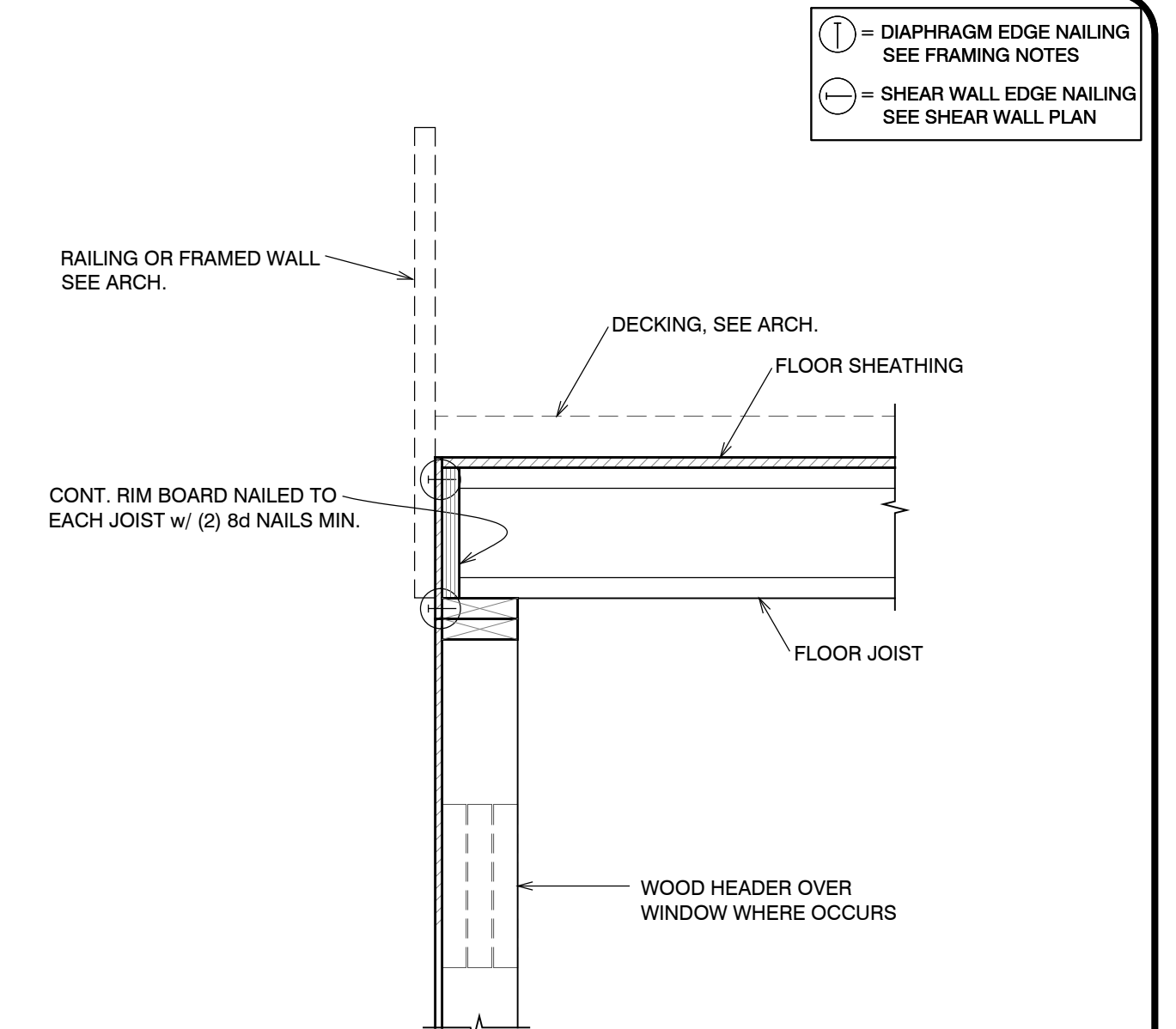




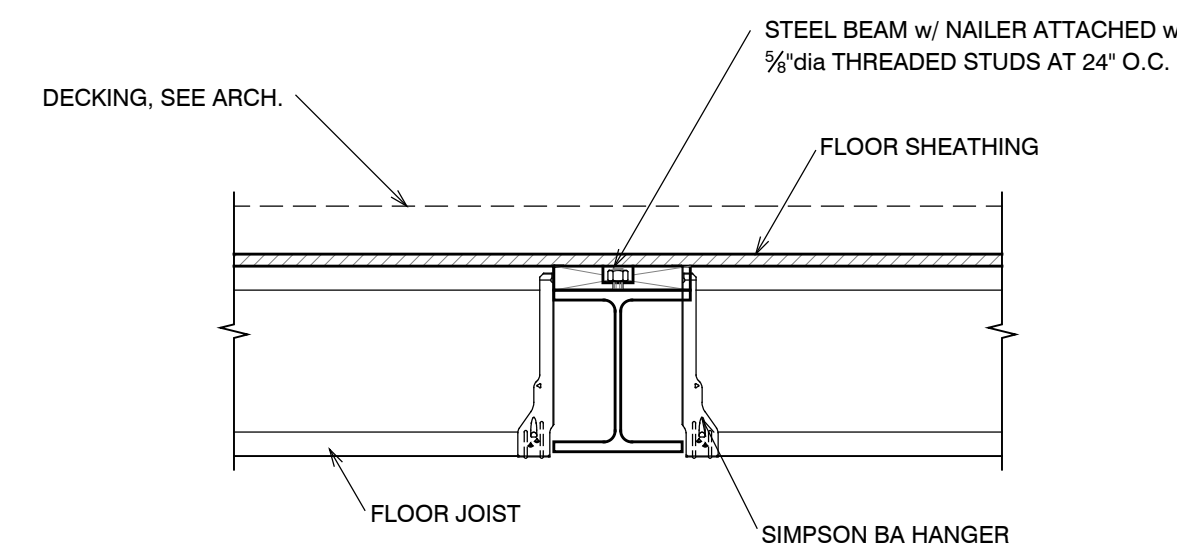
7 CONSTRUCTION DETAIL  
S4.3 NO SCALE



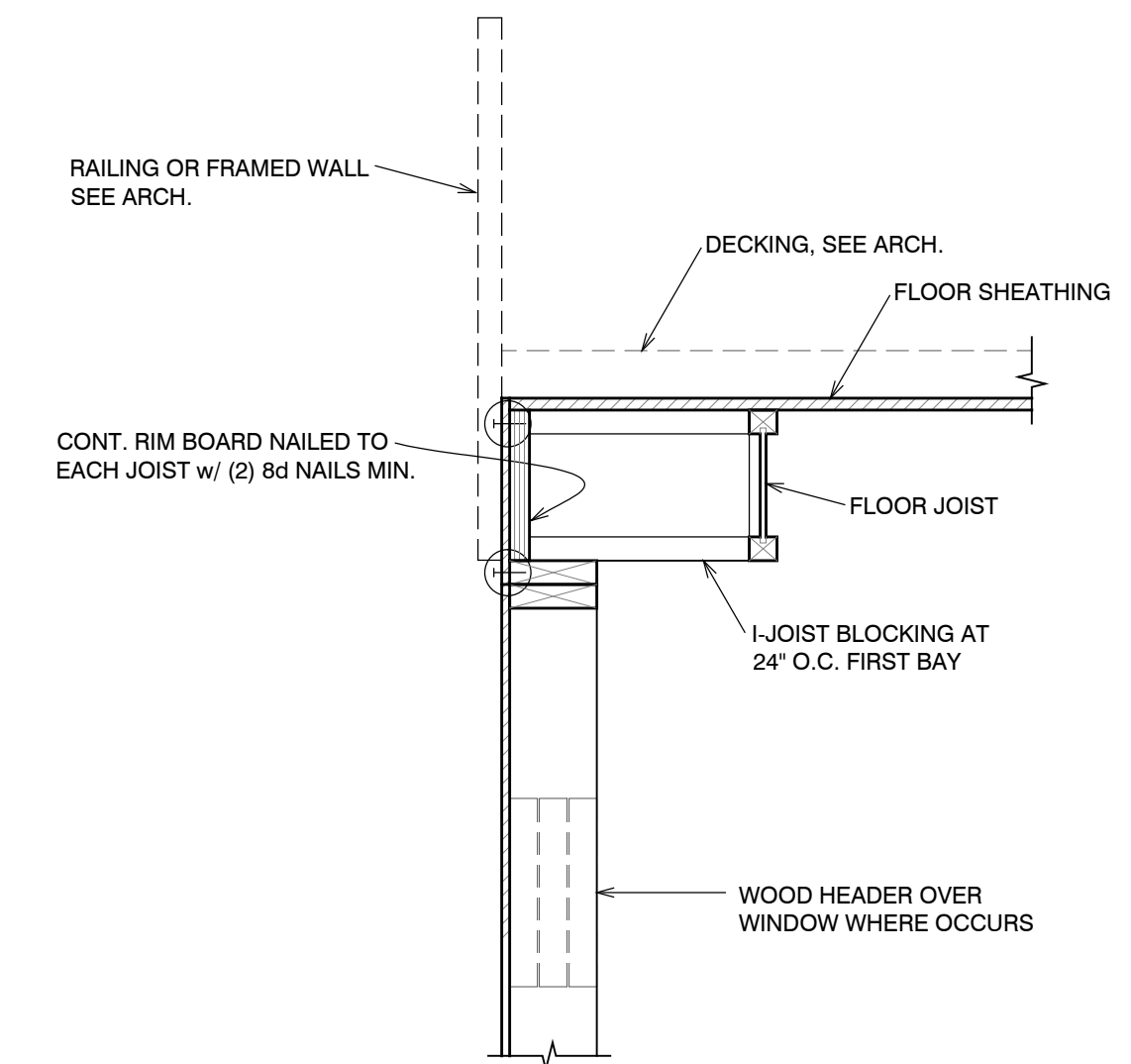
4 CONSTRUCTION DETAIL  
S4.3 NO SCALE



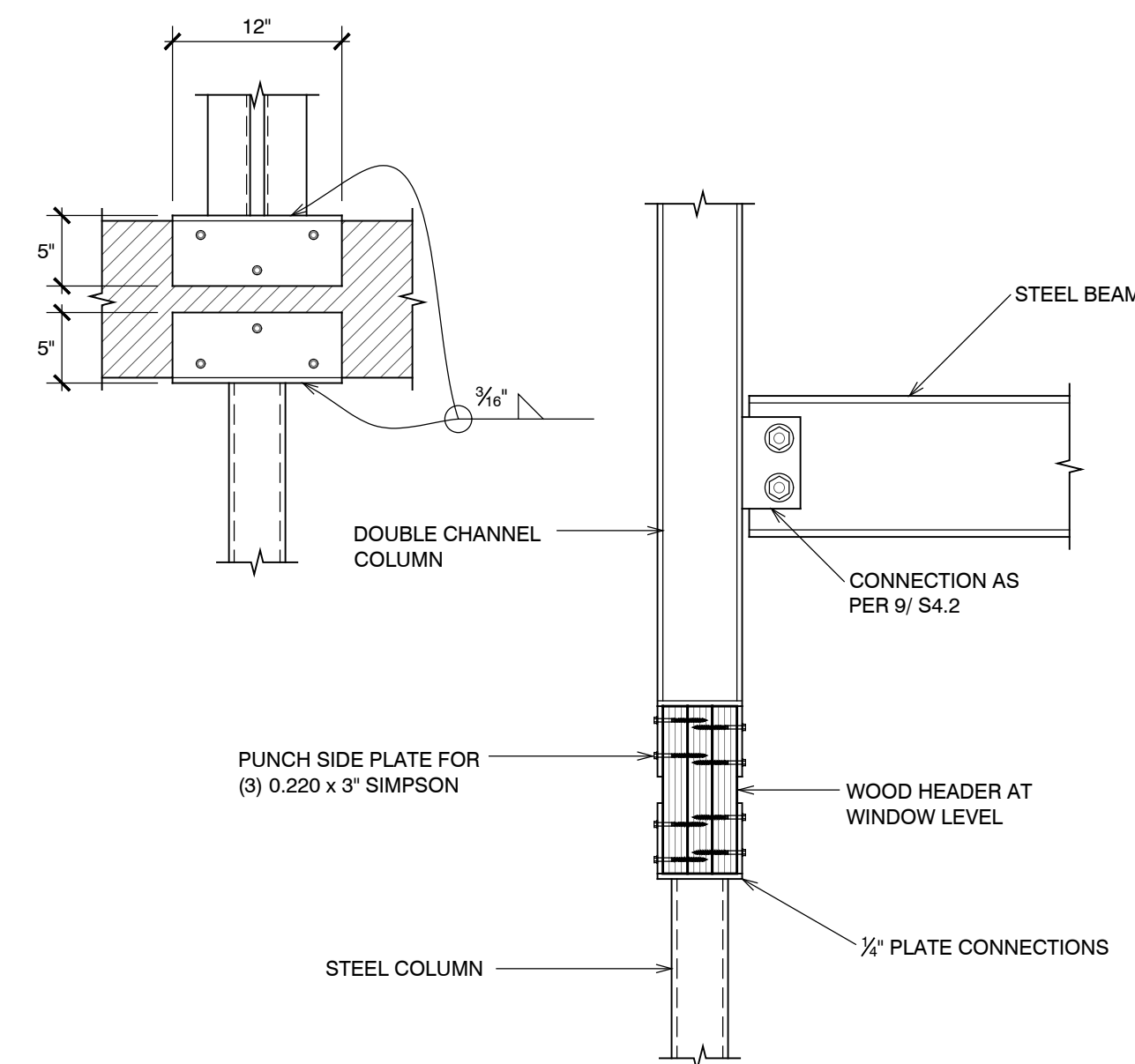
1 CONSTRUCTION DETAIL  
S4.3 NO SCALE



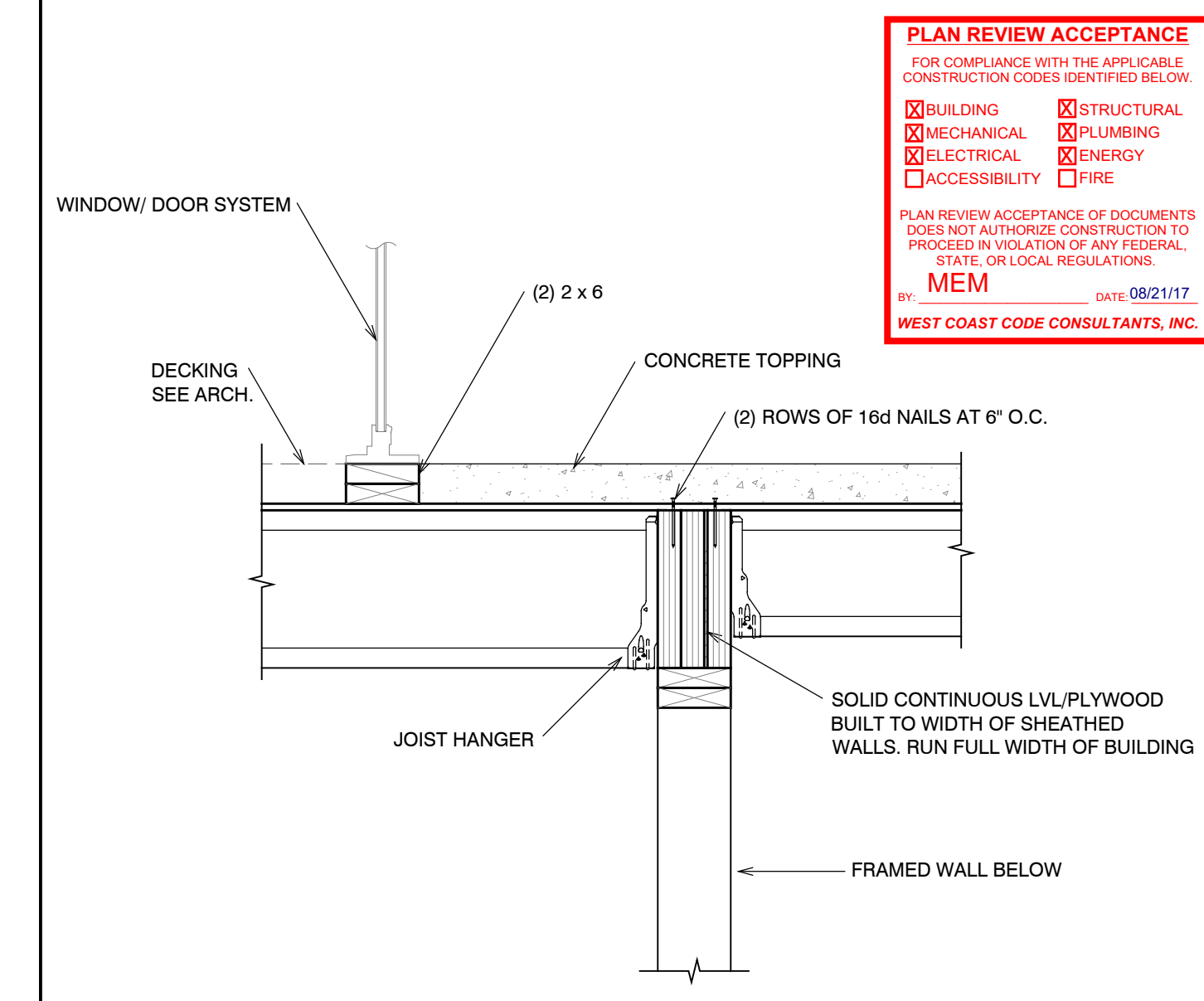
5 CONSTRUCTION DETAIL  
S4.3 NO SCALE



2 CONSTRUCTION DETAIL  
S4.3 NO SCALE



6 CONSTRUCTION DETAIL  
S4.3 NO SCALE



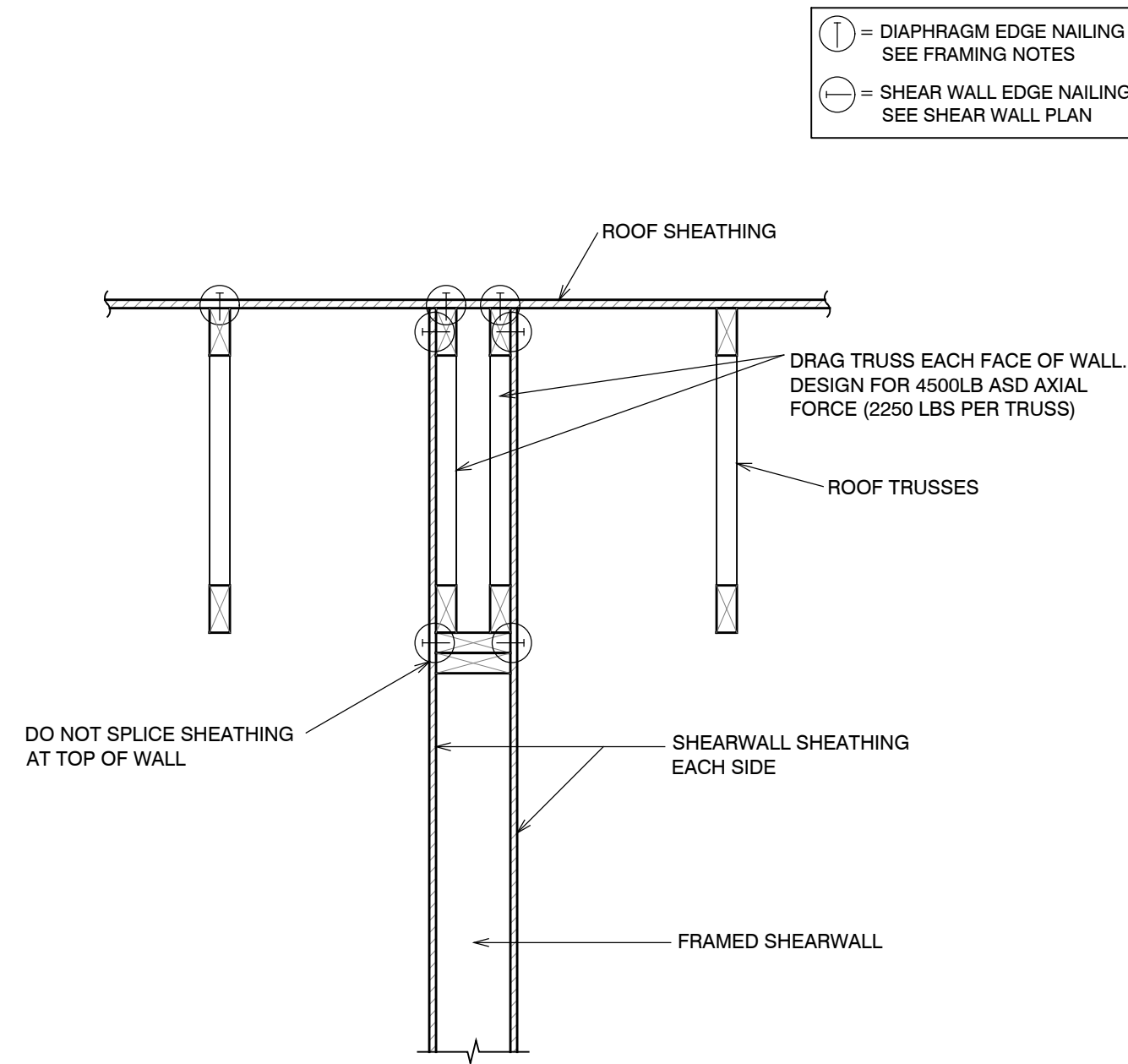
3 CONSTRUCTION DETAIL  
S4.3 NO SCALE

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

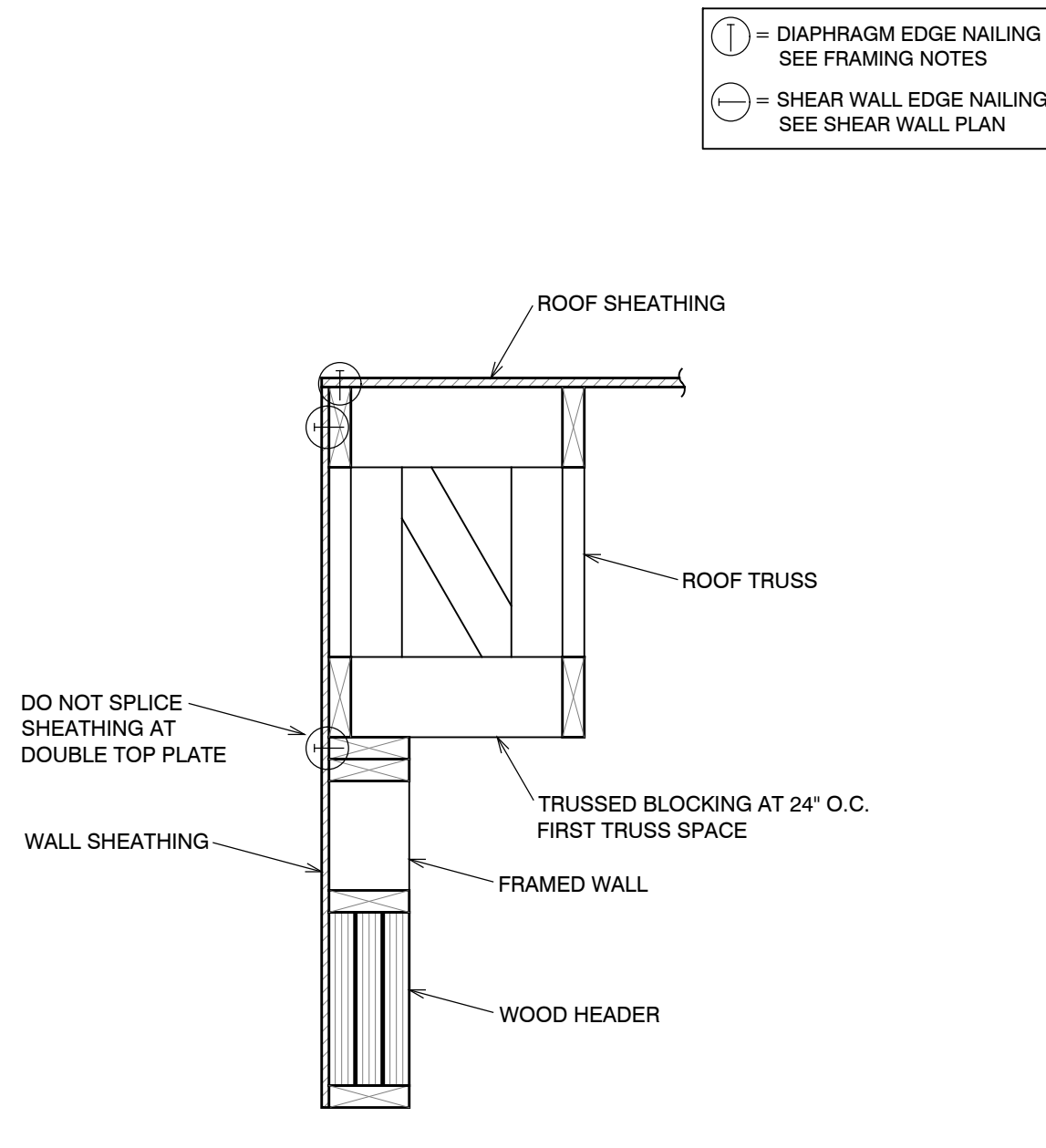
<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<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: 08/21/17  
WEST COAST CODE CONSULTANTS, INC.





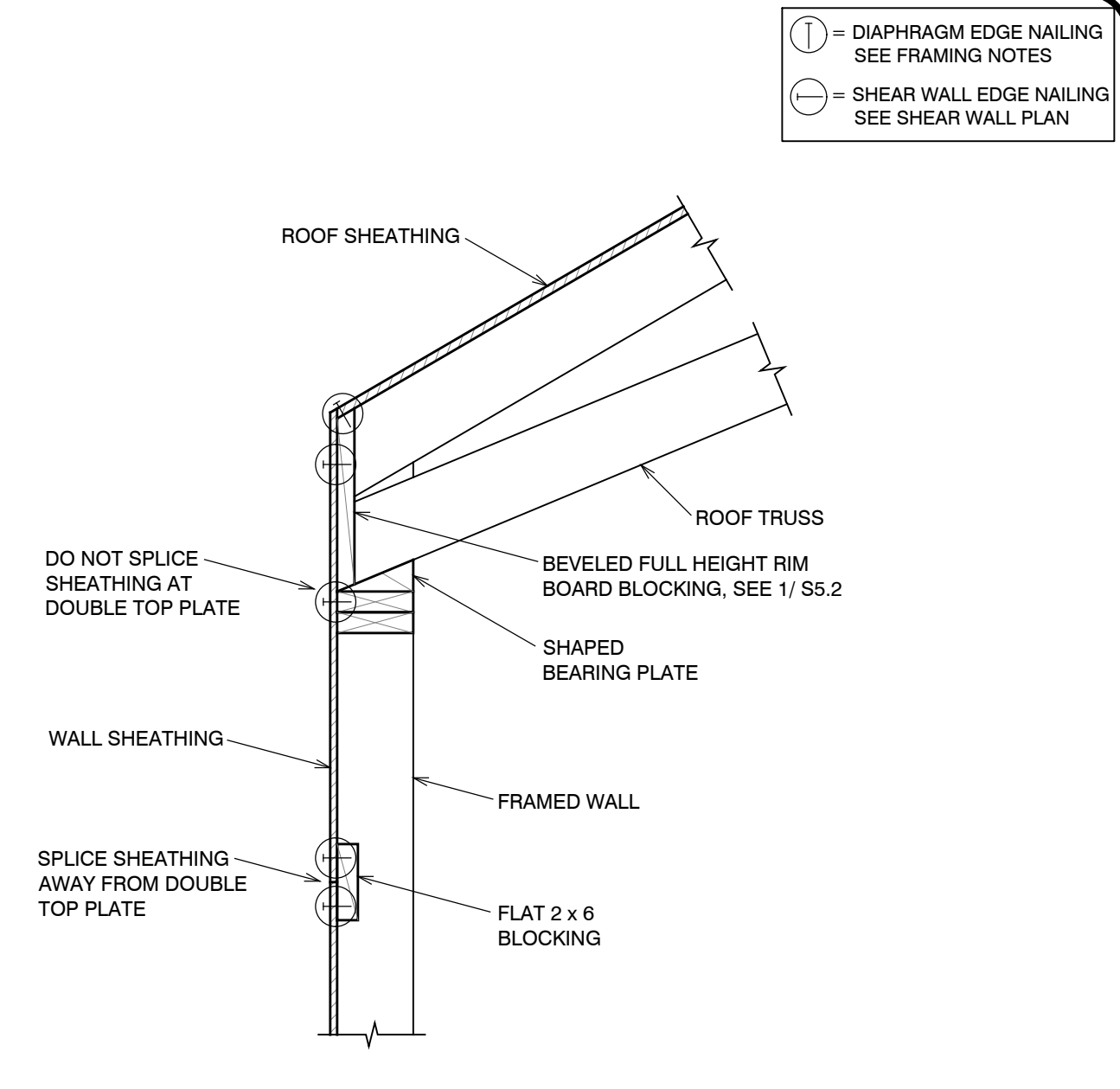
10 CONSTRUCTION DETAIL  
S5.1 NO SCALE



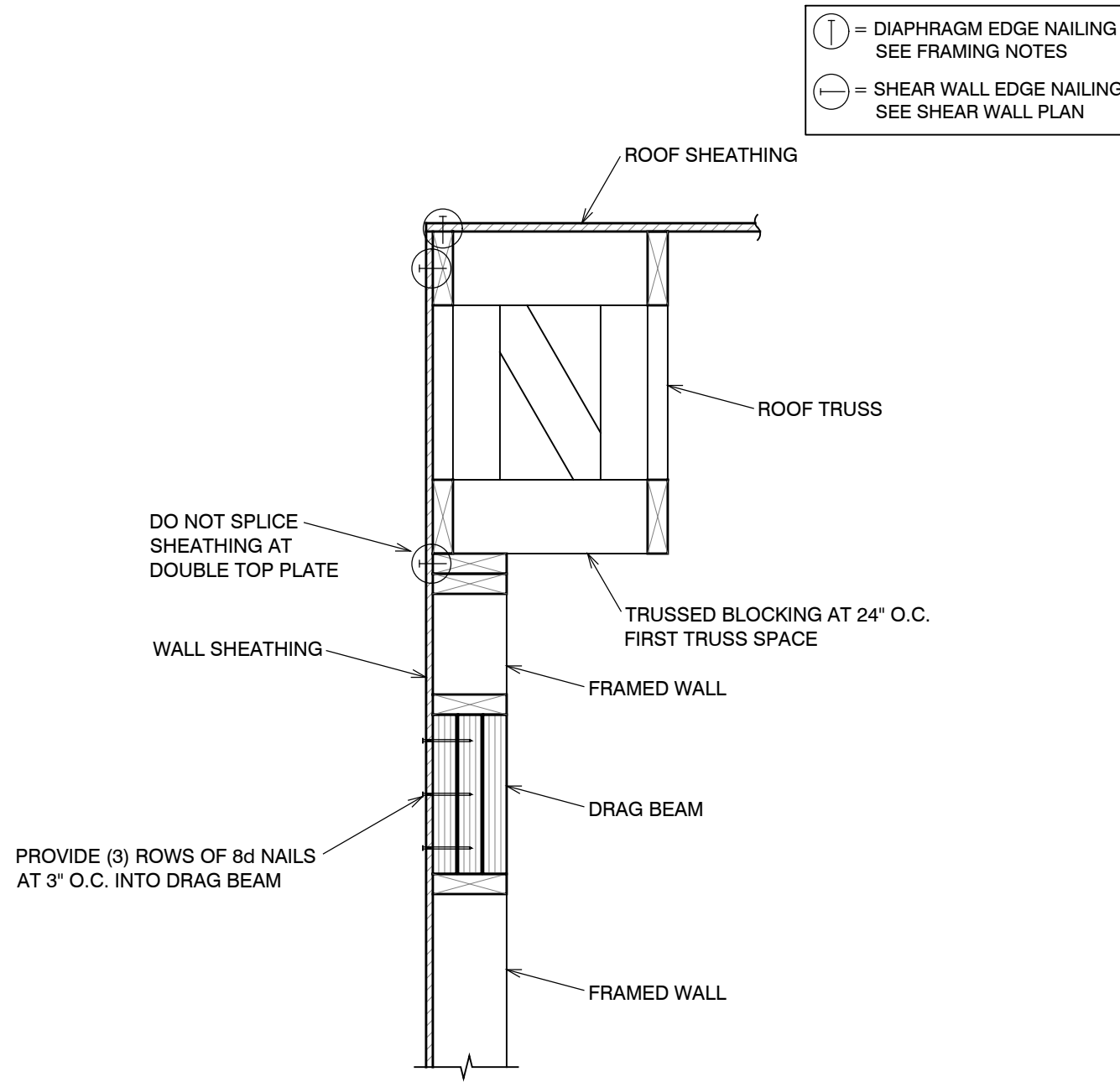
7 CONSTRUCTION DETAIL  
S5.1 NO SCALE

NOT USED

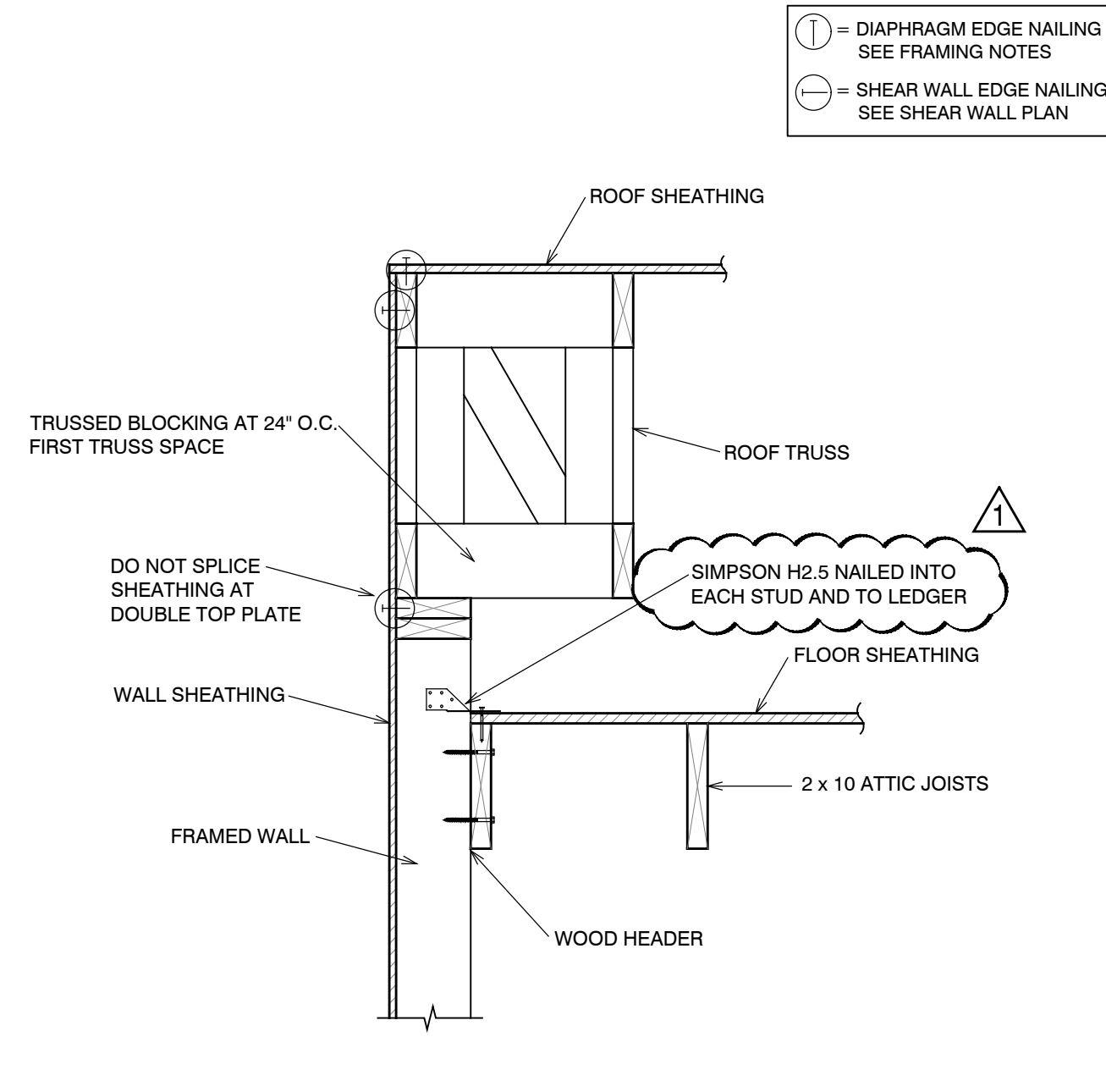
4 CONSTRUCTION DETAIL  
S5.1 NO SCALE



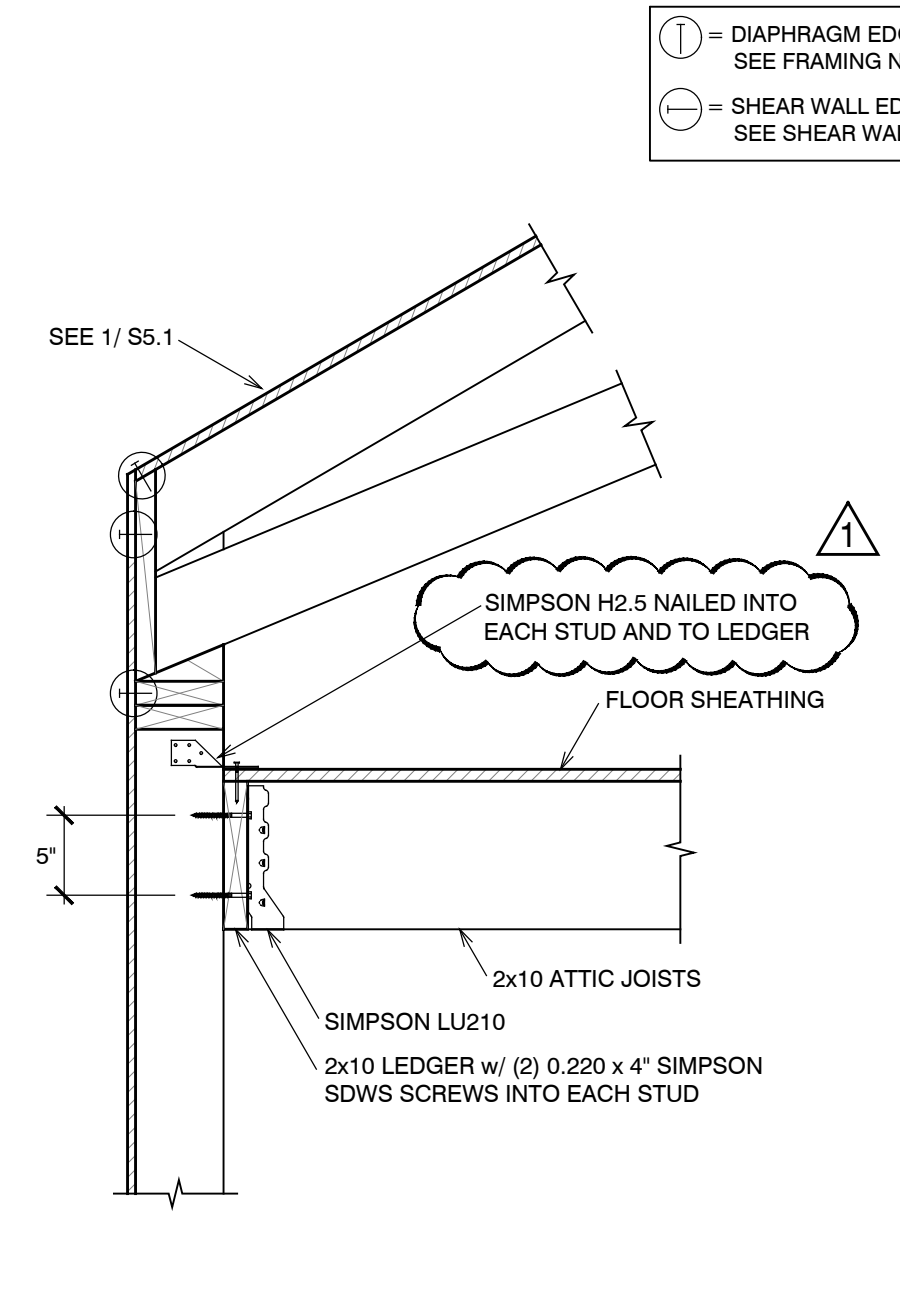
1 CONSTRUCTION DETAIL  
S5.1 NO SCALE



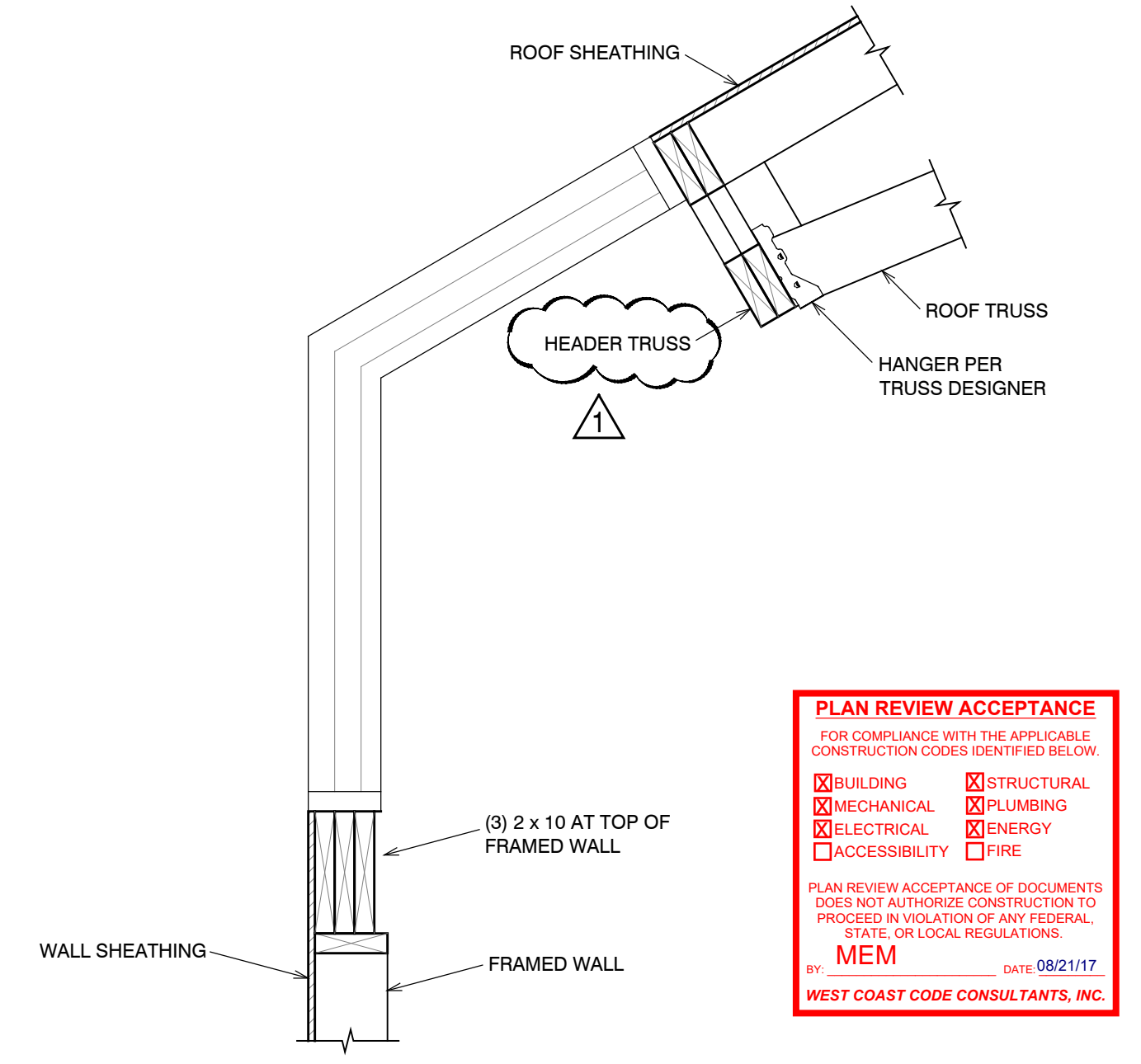
11 CONSTRUCTION DETAIL  
S5.1 NO SCALE



8 CONSTRUCTION DETAIL  
S5.1 NO SCALE

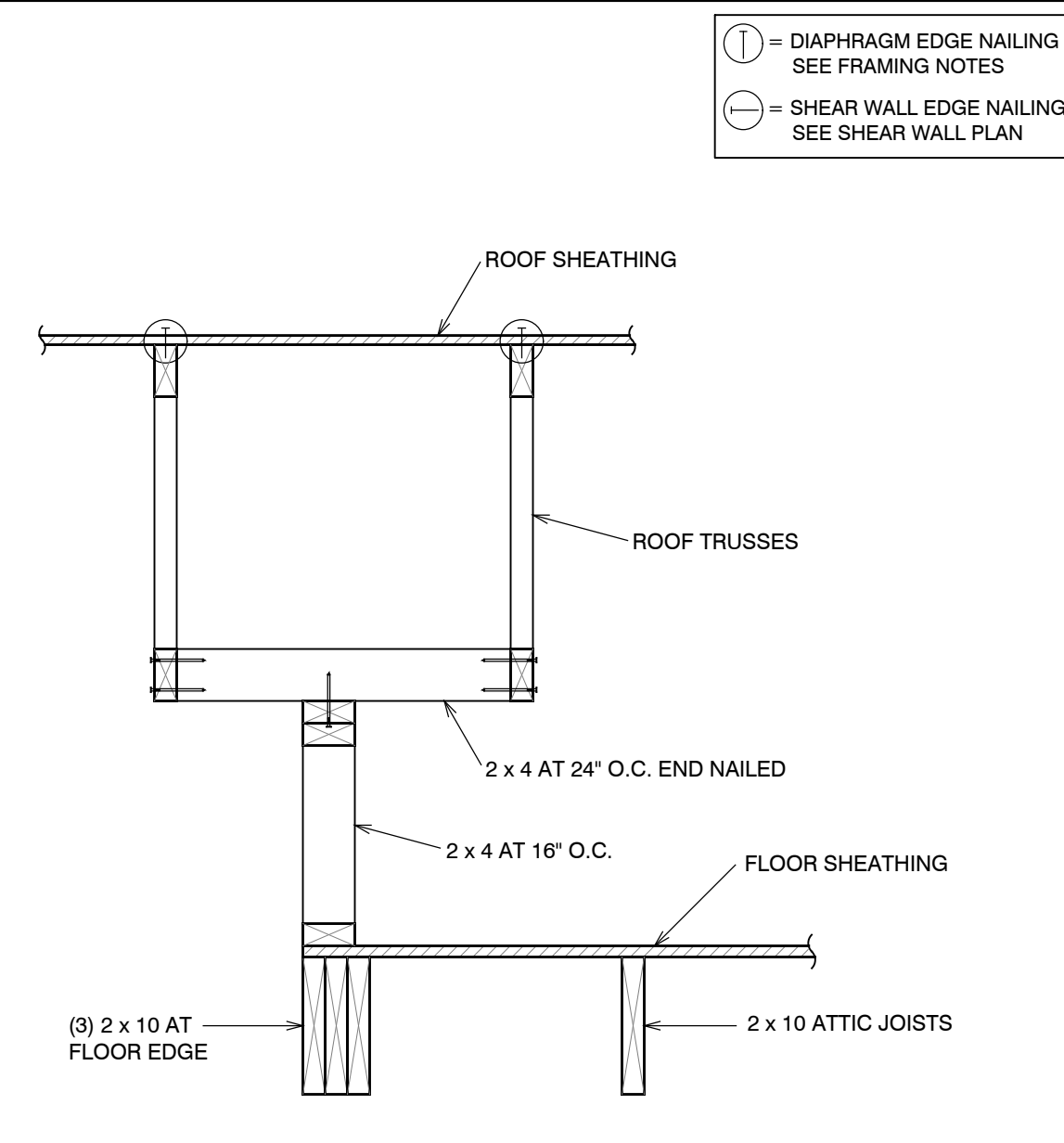


5 CONSTRUCTION DETAIL  
S5.1 NO SCALE



2 CONSTRUCTION DETAIL  
S5.1 NO SCALE

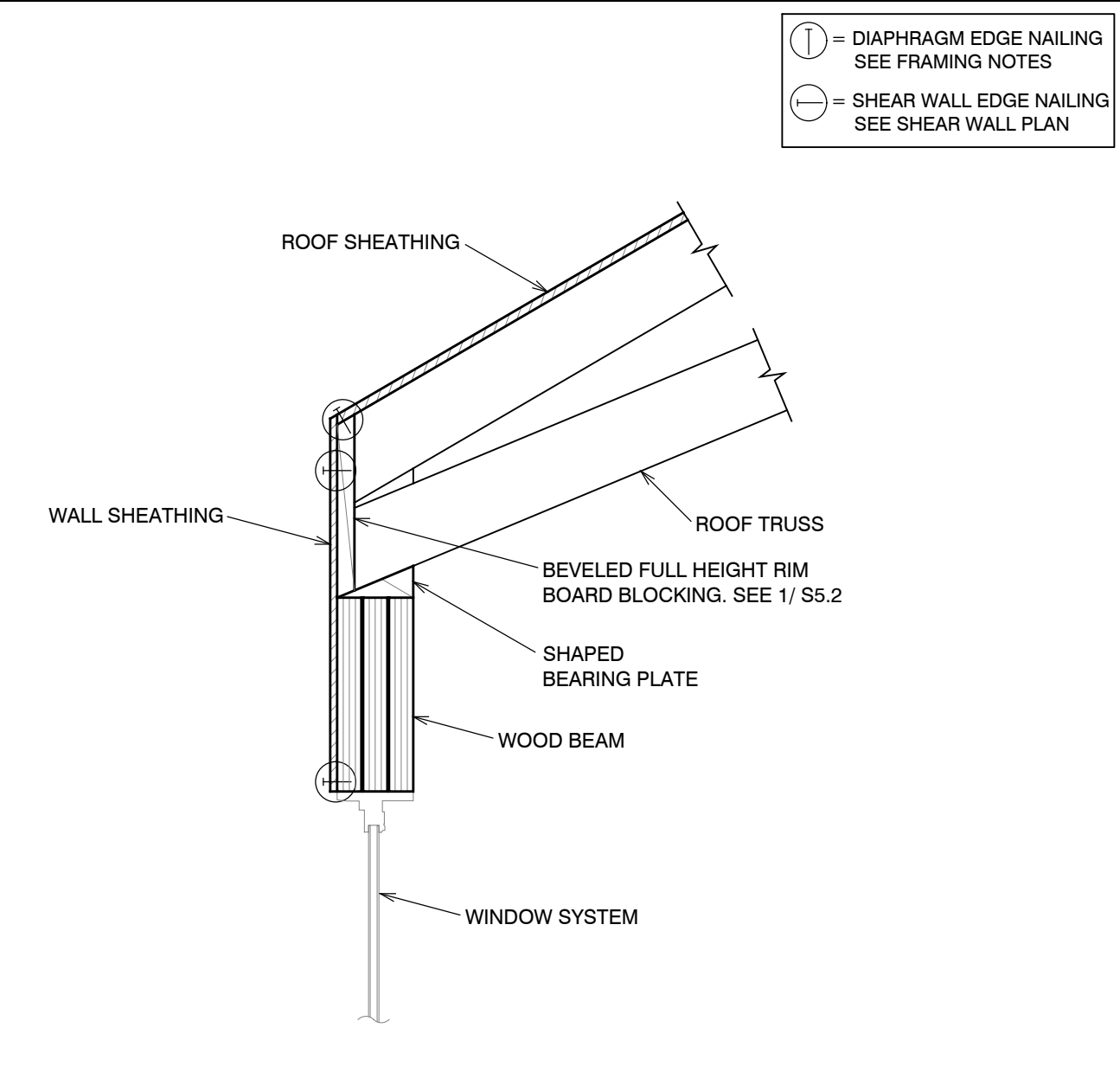
**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.  
 BUILDING  STRUCTURAL  
 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE  
PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
BY: MEM DATE: 08/21/17  
WEST COAST CODE CONSULTANTS, INC.



9 CONSTRUCTION DETAIL  
S5.1 NO SCALE

NOT USED

6 CONSTRUCTION DETAIL  
S5.1 NO SCALE



3 CONSTRUCTION DETAIL  
S5.1 NO SCALE

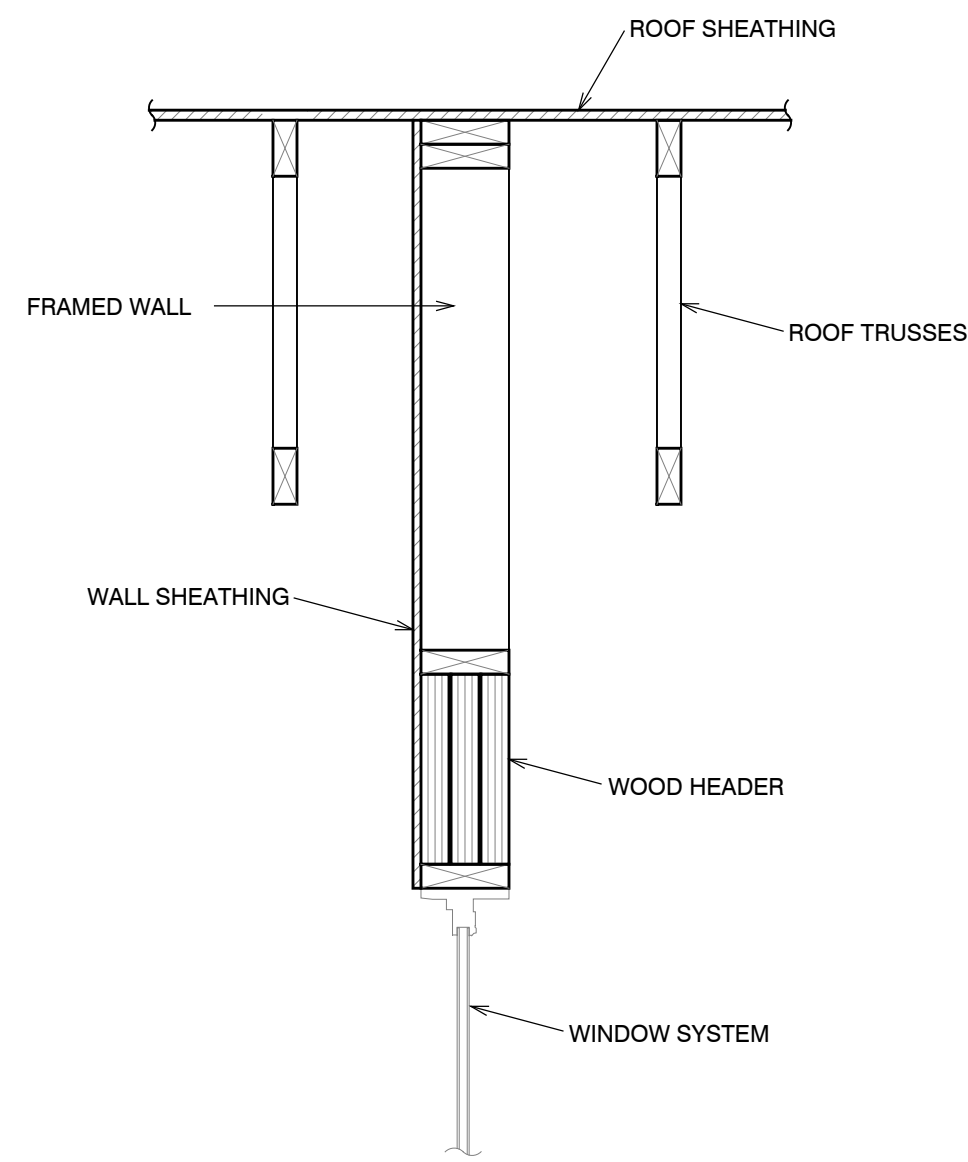
Structural Plans for:  
**POWDER MOUNTAIN CABIN 2500**

PROFESSIONAL STRUCTURAL ENGINEER  
NO. 190917  
JAY D. ADAMS  
STATE OF UTAH  
8/11/17

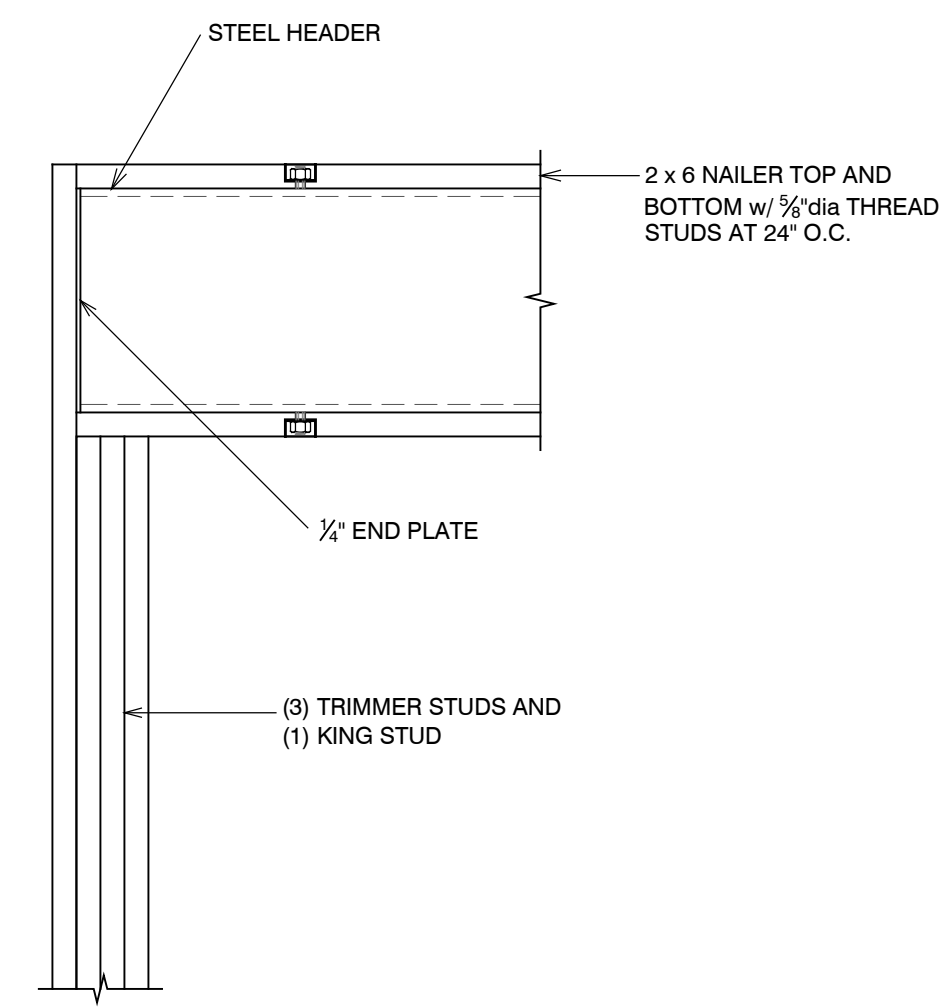
DESIGNED BY: J.D.A.  
CHECKED BY: J.D.A.  
SCALE: AS SHOWN  
DATE: JULY 13, 2017  
JOB No. 17-035

CONSTRUCTION DETAILS  
SHEET No.  
**S5.1**

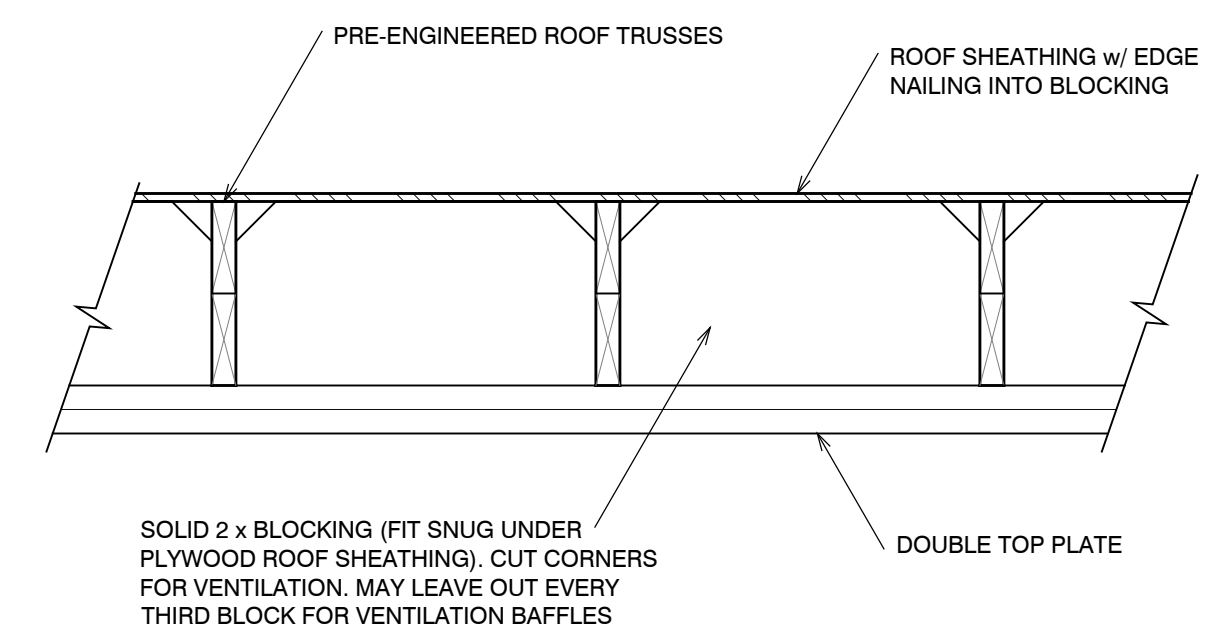




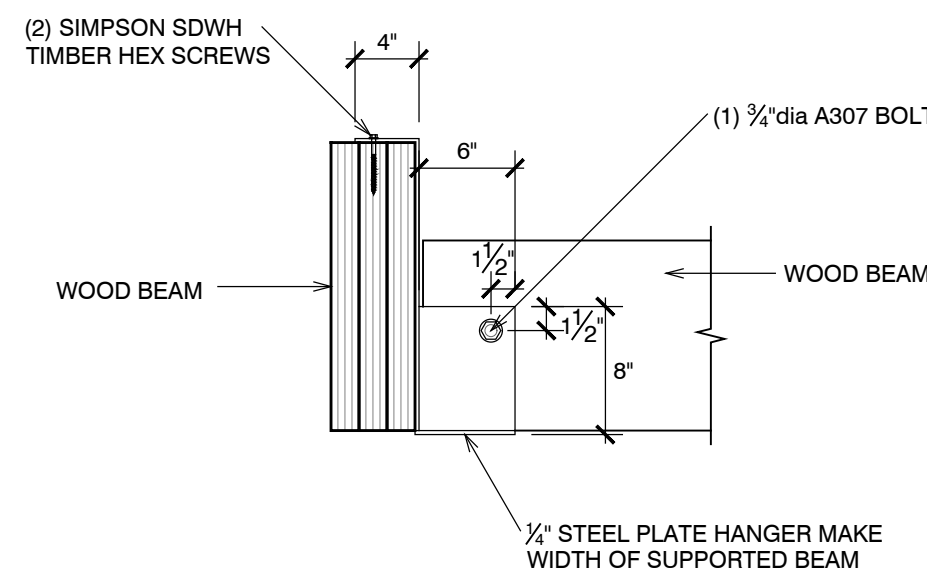
7 CONSTRUCTION DETAIL  
S5.2 NO SCALE



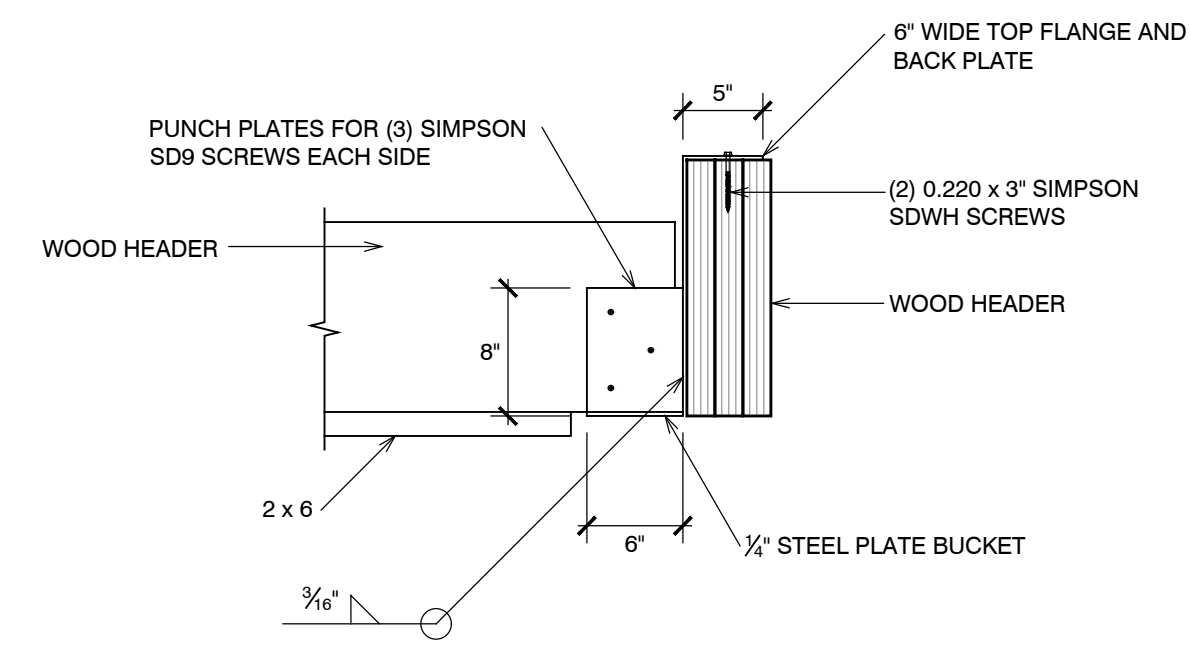
4 CONSTRUCTION DETAIL  
S5.2 NO SCALE



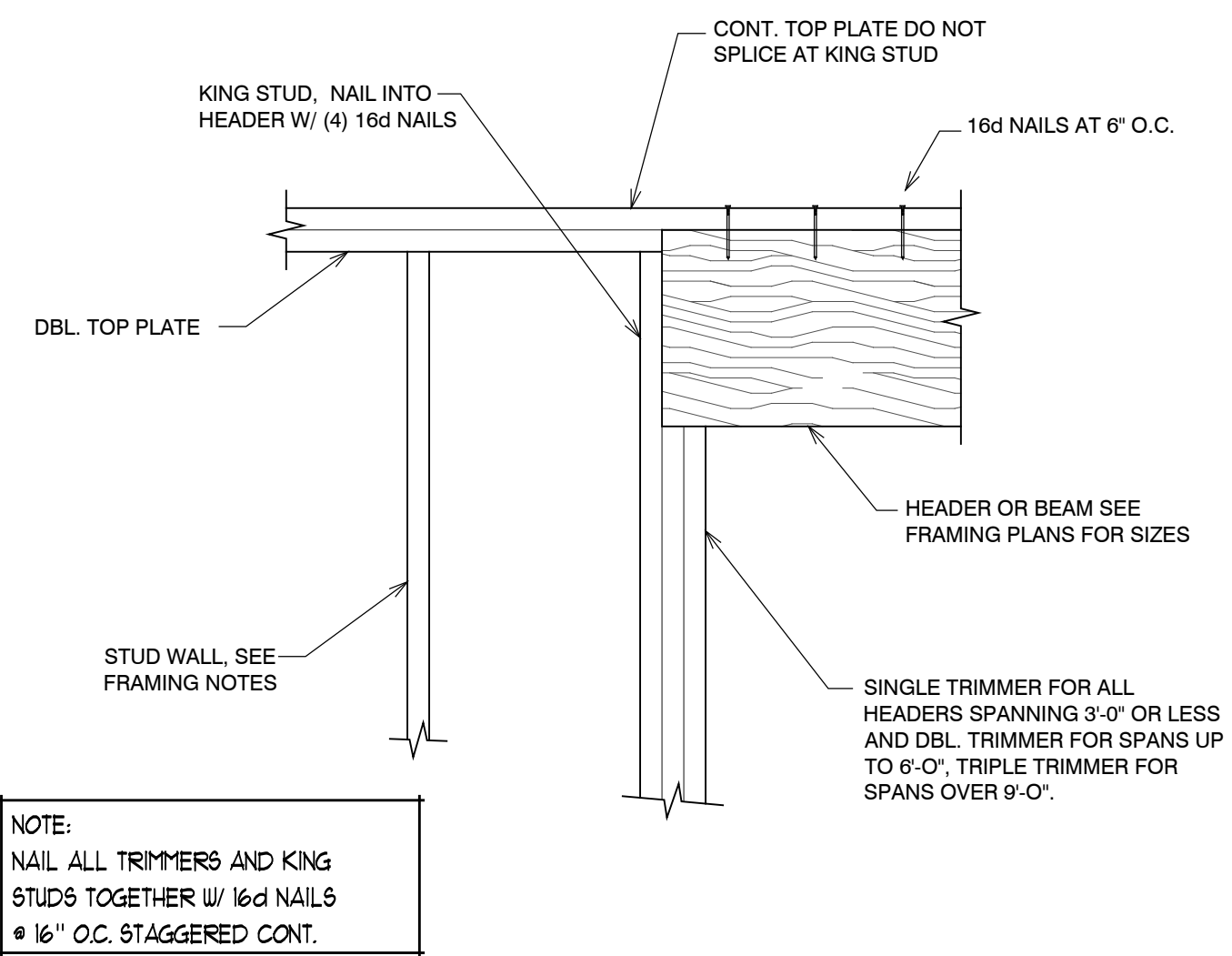
1 CONSTRUCTION DETAIL  
S5.2 NO SCALE



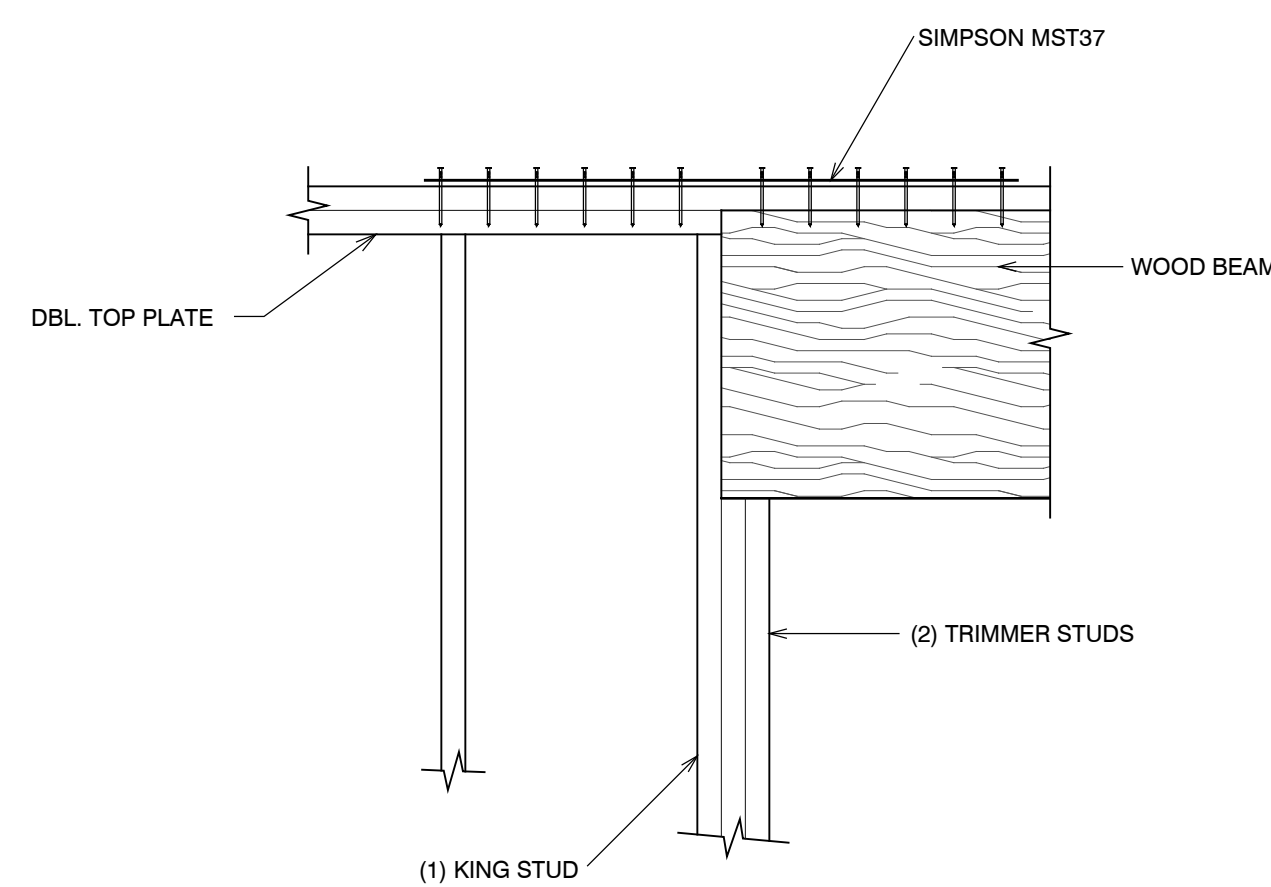
8 CONSTRUCTION DETAIL  
S5.2 NO SCALE



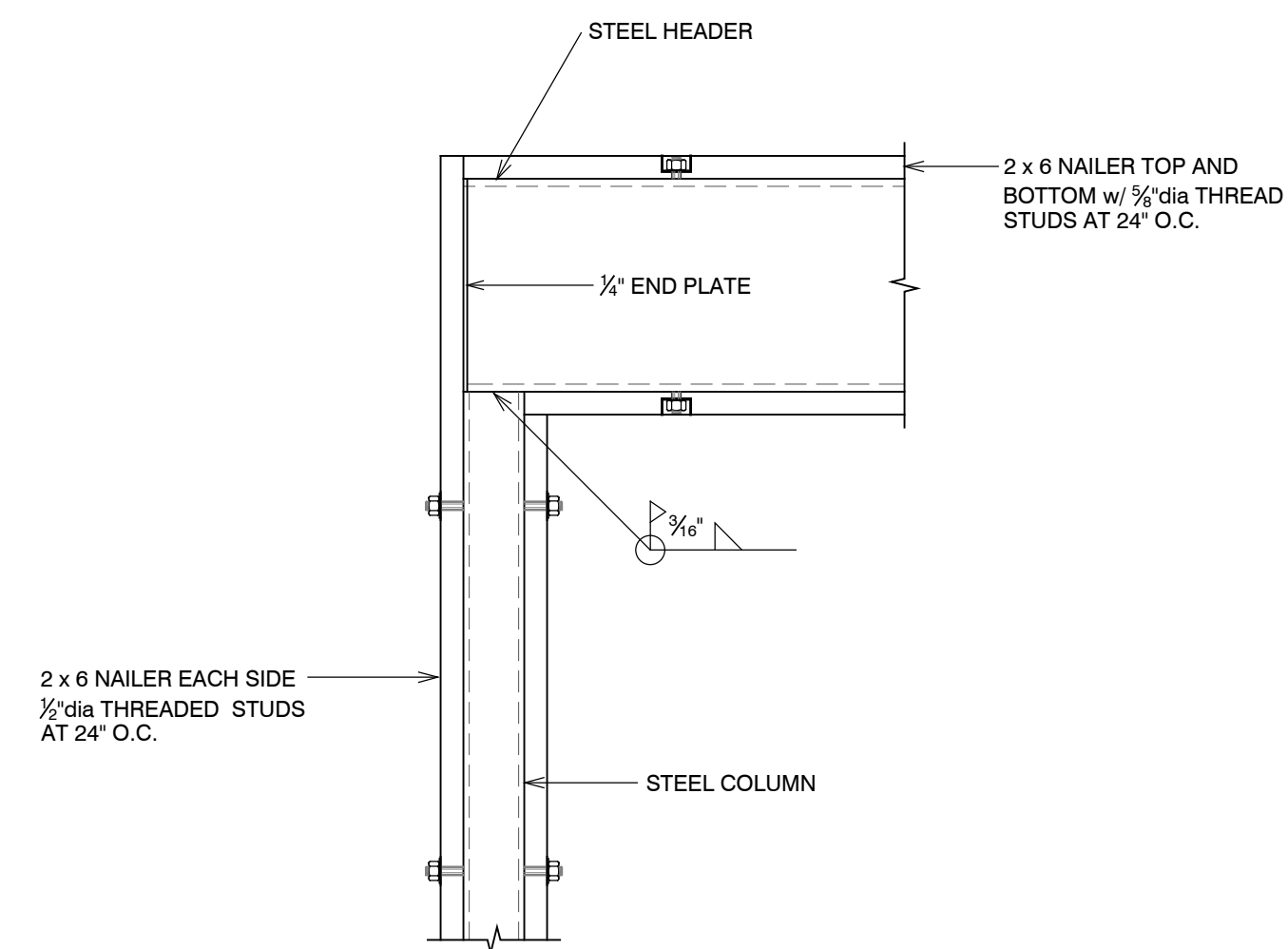
5 CONSTRUCTION DETAIL  
S5.2 NO SCALE



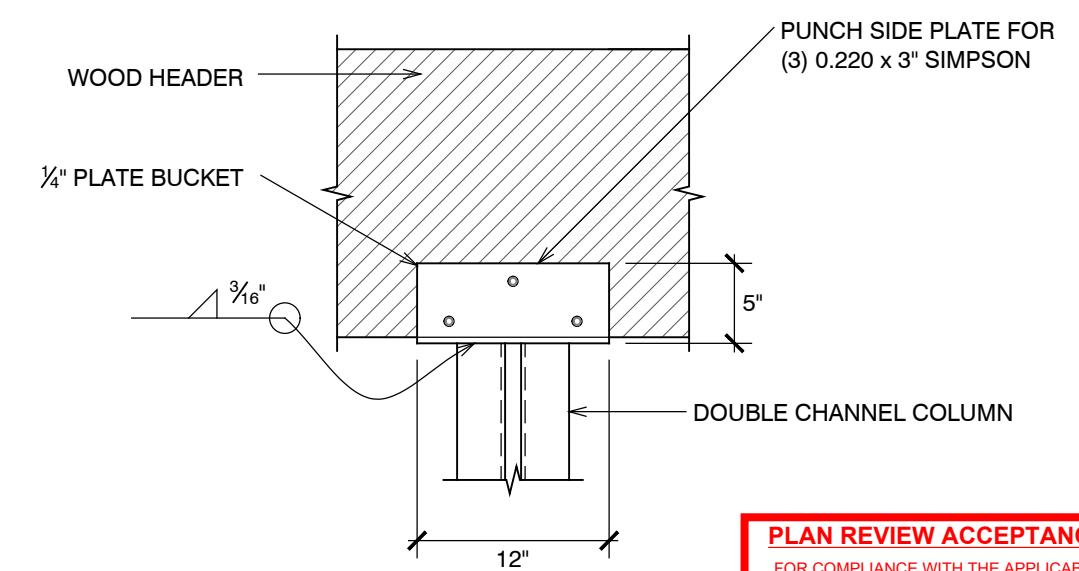
2 CONSTRUCTION DETAIL  
S5.2 NO SCALE



9 CONSTRUCTION DETAIL  
S5.2 NO SCALE

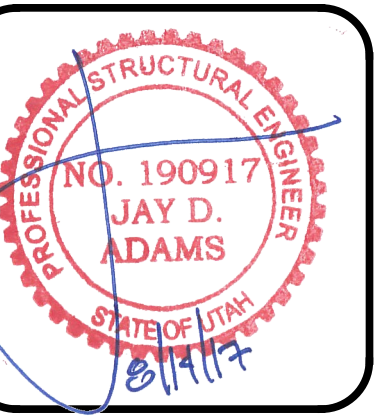


6 CONSTRUCTION DETAIL  
S5.2 NO SCALE



3 CONSTRUCTION DETAIL  
S5.2 NO SCALE

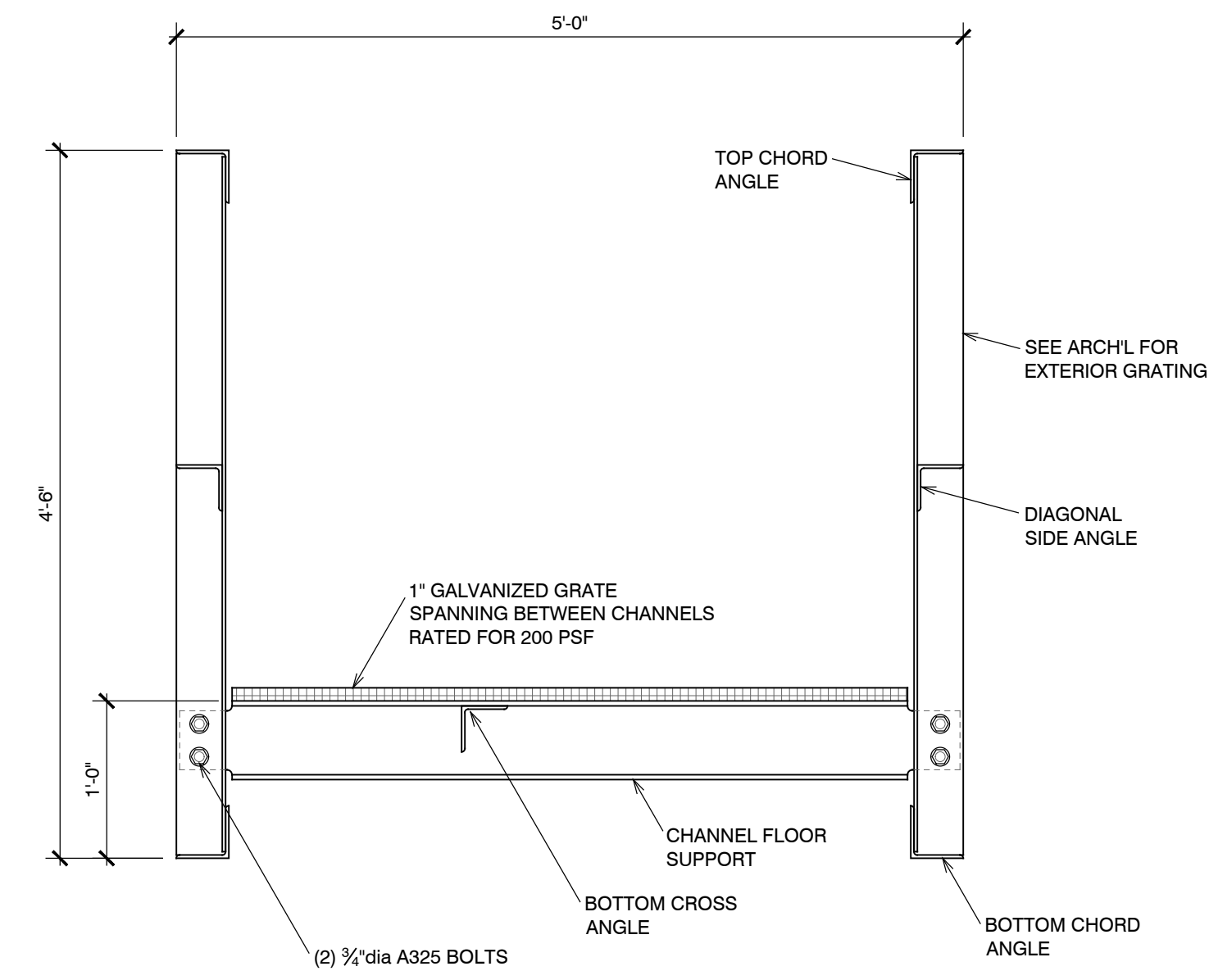
**PLAN REVIEW ACCEPTANCE**  
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:  
 BUILDING  STRUCTURAL  
 MECHANICAL  PLUMBING  
 ELECTRICAL  ENERGY  
 ACCESSIBILITY  FIRE  
PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.  
MEM DATE: 08/21/17  
WEST COAST CODE CONSULTANTS, INC.



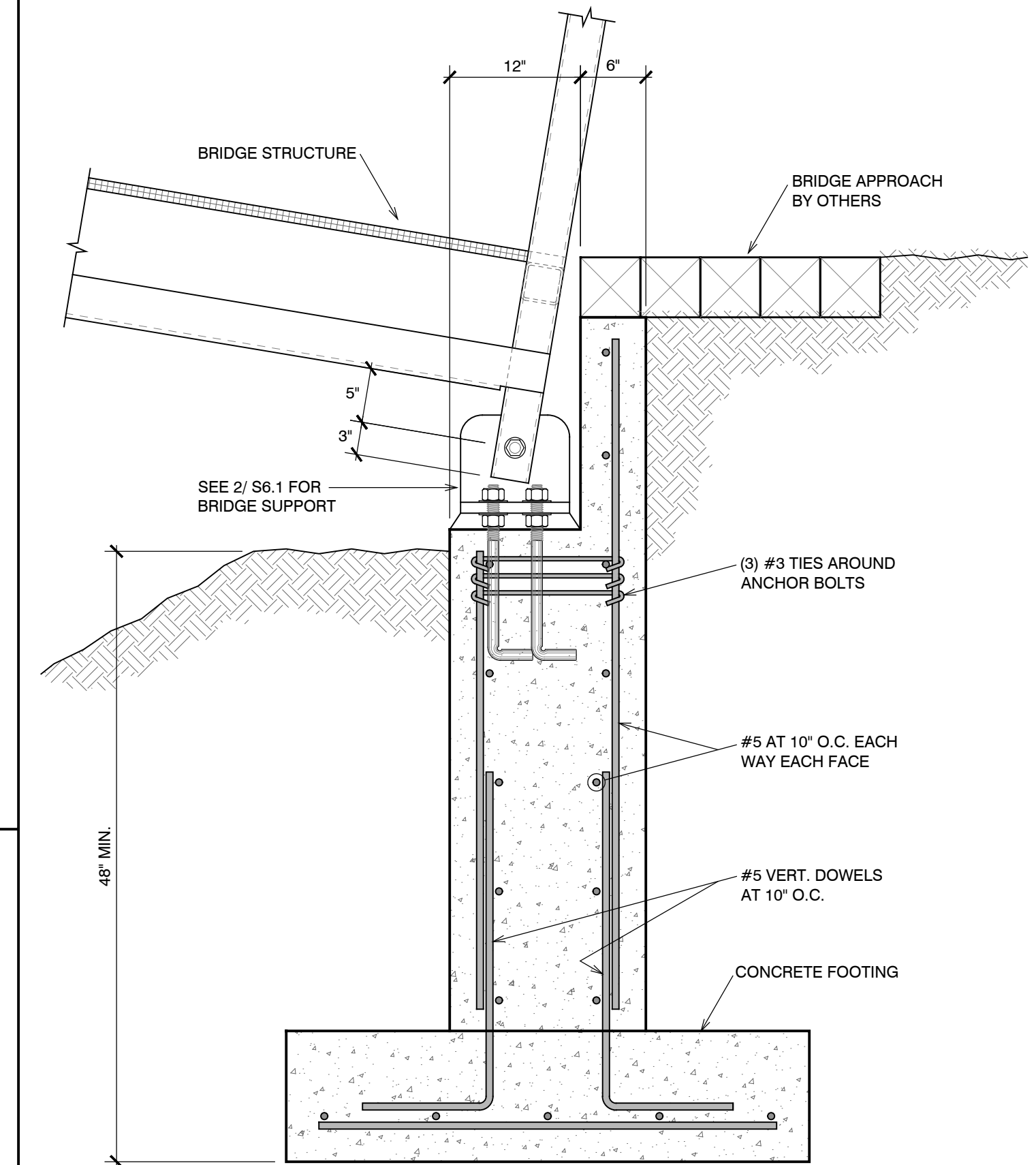
DESIGNED BY: J.D.A.  
CHECKED BY: J.D.A.  
SCALE: AS SHOWN  
DATE: JULY 13, 2017  
JOB No. 17-035

CONSTRUCTION DETAILS  
SHEET No. **S5.2**

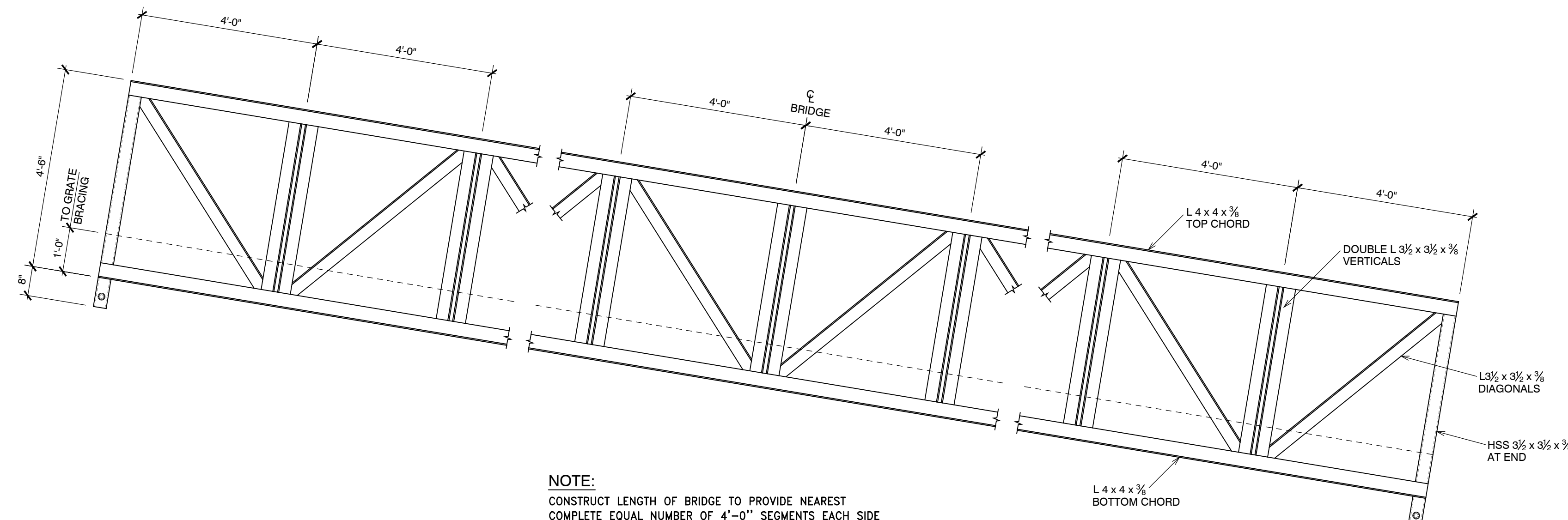




3 CONSTRUCTION DETAIL  
S6.1 NO SCALE



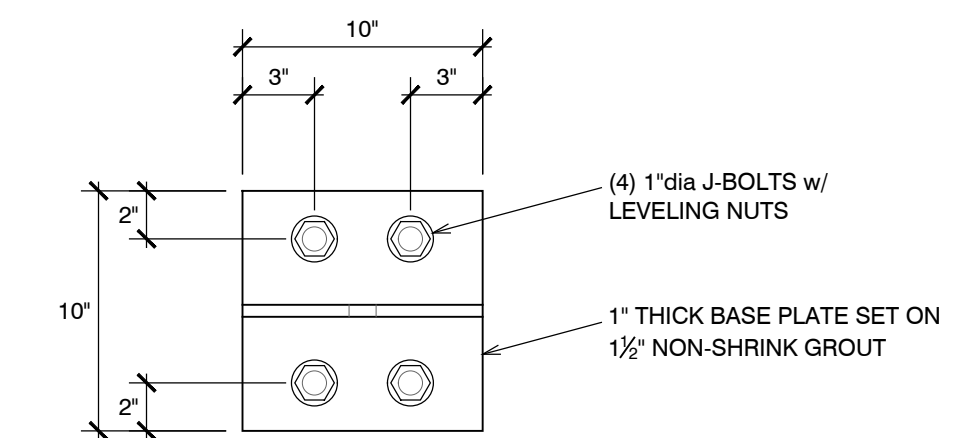
3 CONSTRUCTION DETAIL  
S6.1 NO SCALE



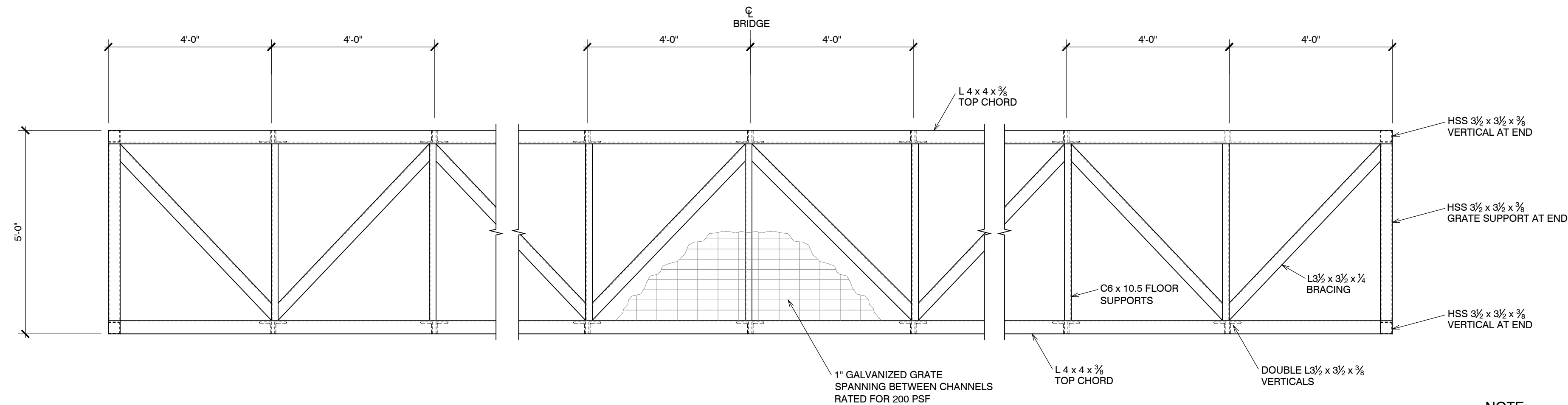
NOTE:  
CONSTRUCT LENGTH OF BRIDGE TO PROVIDE NEAREST COMPLETE EQUAL NUMBER OF 4'-0" SEGMENTS EACH SIDE OF CENTERLINE NOT TO EXCEED 48'-0" OVERALL LENGTH

NOTE:  
ALL CONTACT POINTS TO BE WELDED ALL AROUND WITH 3/8" FILLET WELDS. PROVIDE SHOP DRAWINGS OF ASSEMBLIES FOR REVIEW AND APPROVAL

4 SIDE ELEVATION  
S6.1 NO SCALE

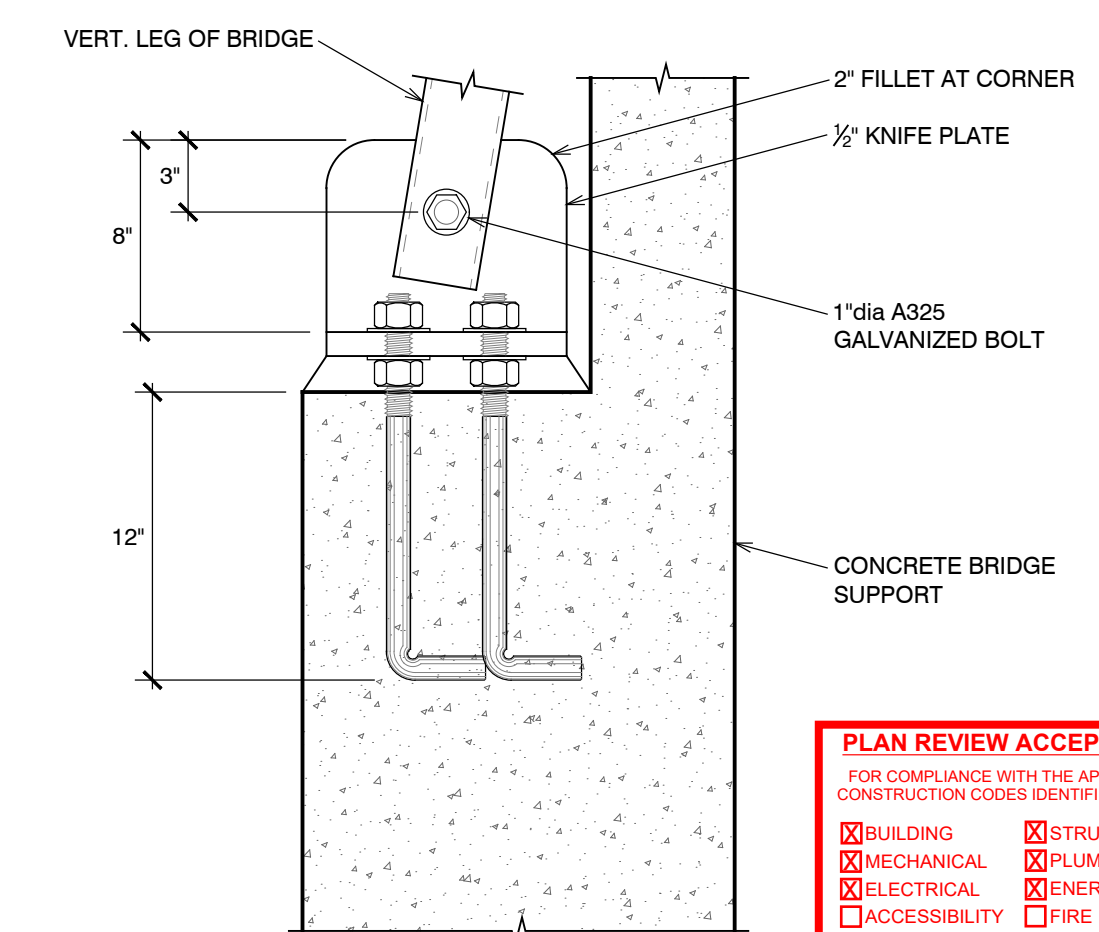


PLAN VIEW



NOTE:  
ALL CONTACT POINTS TO BE WELDED ALL AROUND WITH 3/8" FILLET WELDS. PROVIDE SHOP DRAWINGS OF ASSEMBLIES FOR REVIEW AND APPROVAL

5 PLAN VIEW  
S6.1 NO SCALE



SECTION VIEW

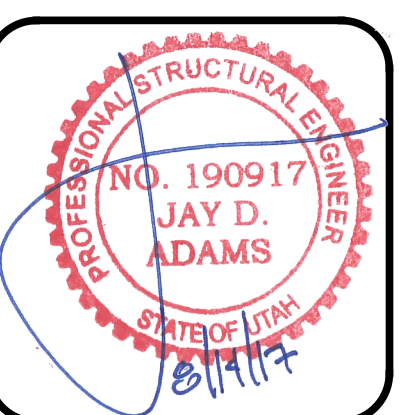
2 CONSTRUCTION DETAIL  
S6.1 NO SCALE

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

<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.  
MEM 08/21/17  
WEST COAST CODE CONSULTANTS, INC.

Structural Plans for:  
**POWDER MOUNTAIN CABIN 2500**



DESIGNED BY: J.D.A.  
CHECKED BY: J.D.A.  
SCALE: AS SHOWN  
DATE: JULY 13, 2017  
JOB No. 17-035

CONSTRUCTION DETAILS  
SHEET No. **S6.1**











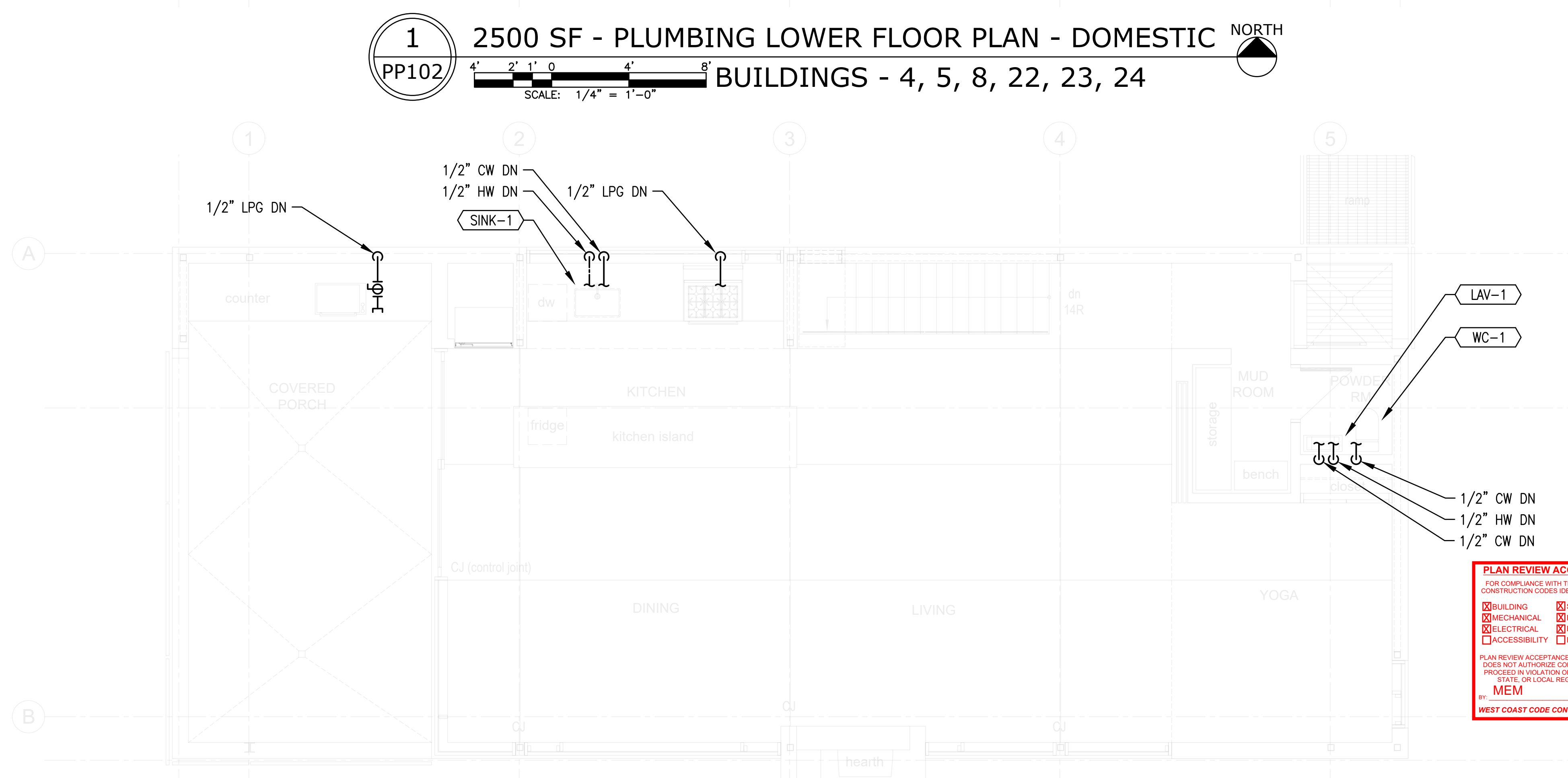
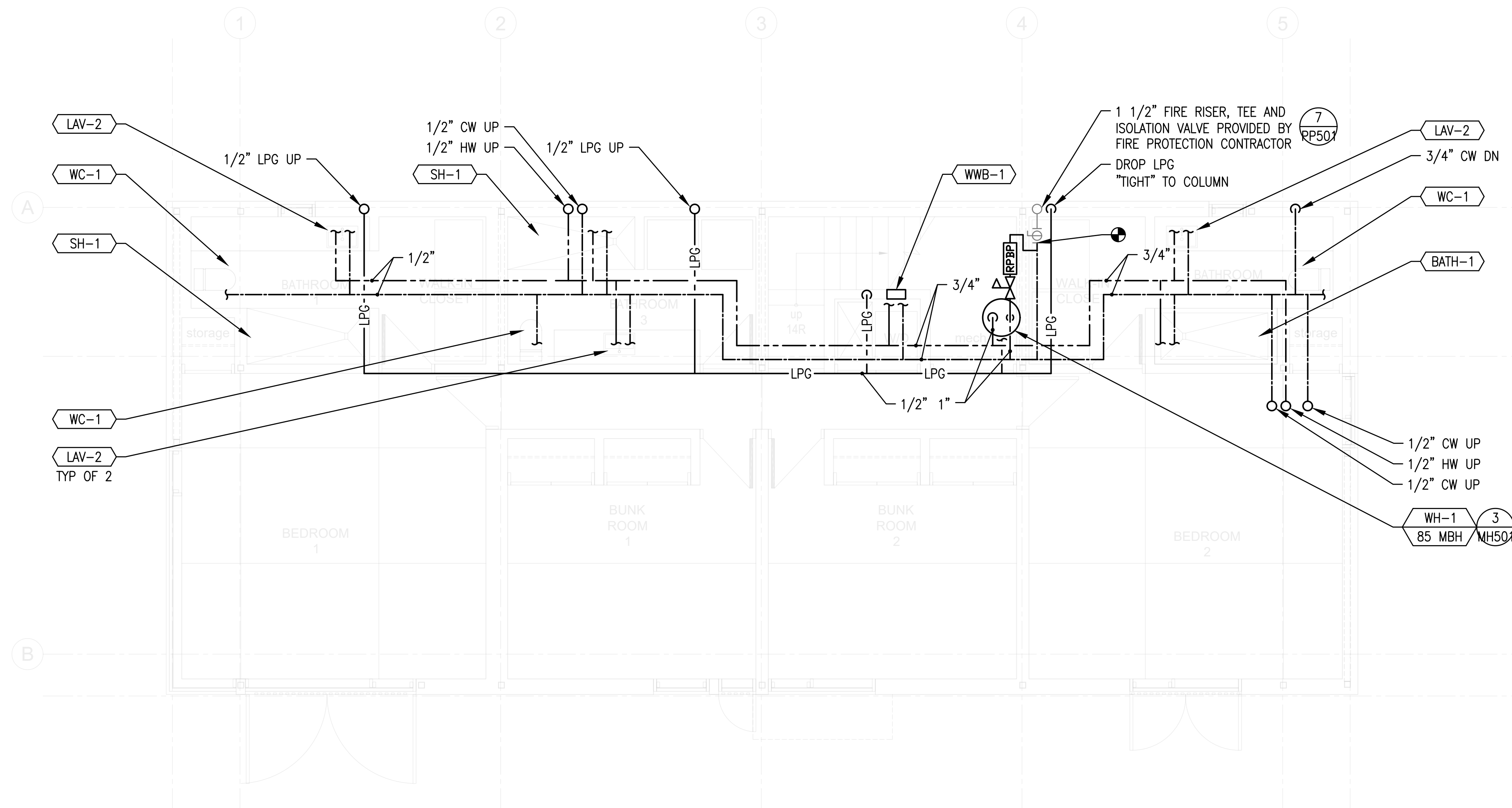








THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS AND SHALL REMAIN THE PROPERTY OF SMD ENGINEERING, PLLC AND SHALL NOT BE REPRODUCED, PUBLISHED, OR USED IN ANY WAY WITHOUT THE PERMISSION OF SMD ENGINEERING, PLLC. THE INFORMATION, DESIGN, OR CONCEPTS REPRESENTED ON THIS DRAWING ARE CONFIDENTIAL AND ARE NOT FOR GENERAL DISTRIBUTION. © SMD ENGINEERING, PLLC 2016



**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.

MEM  
 DATE: 08/21/17  
 WEST COAST CODE CONSULTANTS, INC.

Horizon Neighborhood CABINS

778 E. Horizon Run  
 Summit Powder Mountain  
 Eden, Utah

Mackay-Lyons Sweetapple  
 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  
 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

PROFESSIONAL ENGINEER  
 #163316  
 SCOTT M. DEAKINS  
 2017  
 STATE OF UTAH

#		#####
#		#####
#		#####
#		#####
#		#####
#		#####
#		#####
#		#####
#		#####
#		#####
No.	Description	Date
Revision:		

**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.

**ISSUED FOR CONSTRUCTION 2017.02.01**

**PLUMBING FLOOR PLANS - DOMESTIC**

scale: AS NOTED  
 date: 2017.02.01  
 drawn: STAFF  
 chkd: SMD

**PP102**



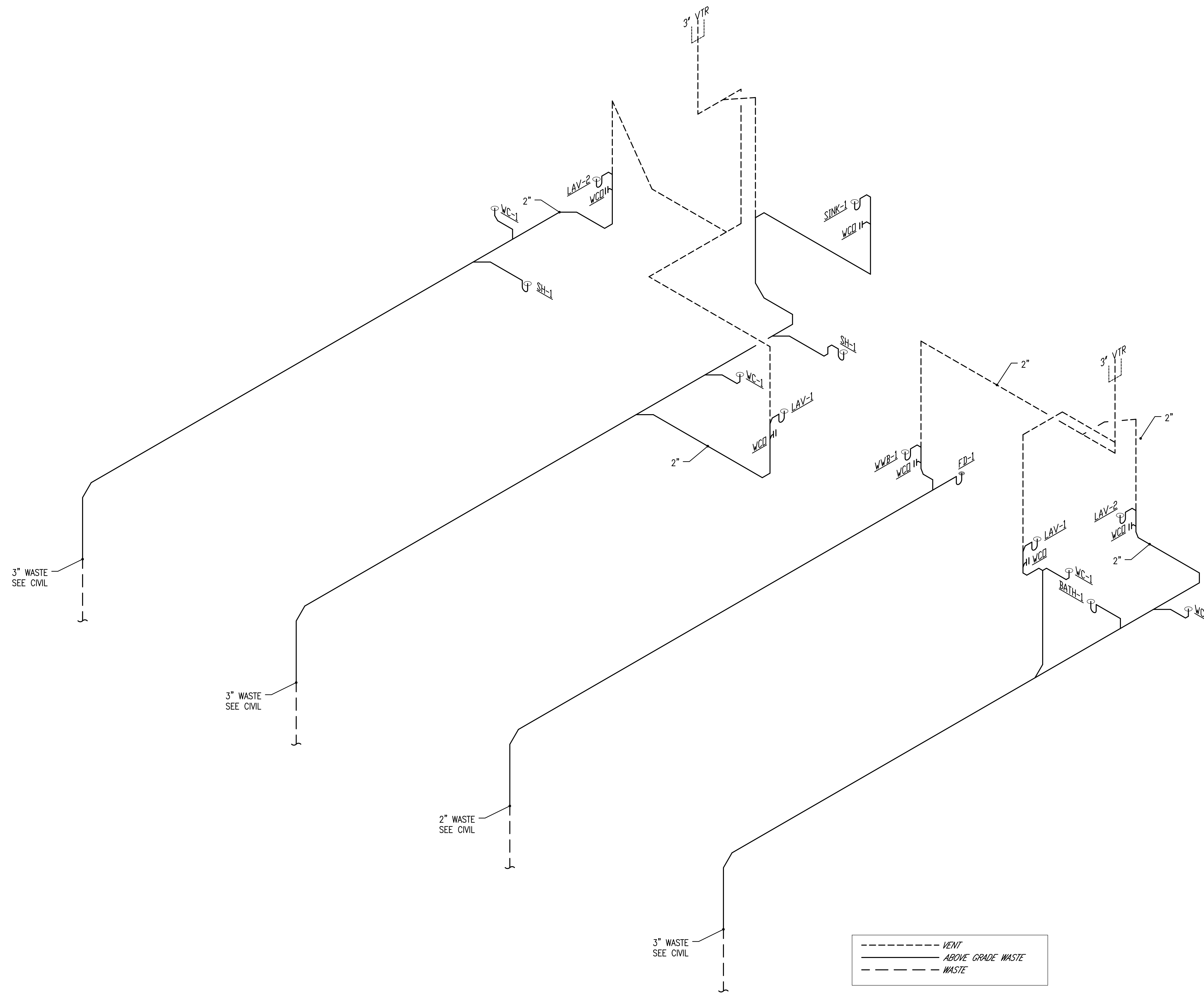








THIS DRAWING, AS AN INSTRUMENT OF SERVICE, IS AND SHALL REMAIN THE PROPERTY OF SMD ENGINEERING, PLLC AND SHALL NOT BE REPRODUCED, PUBLISHED, OR USED IN ANY WAY WITHOUT THE PERMISSION OF SMD ENGINEERING, PLLC. THE INFORMATION, DESIGN, OR CONCEPTS REPRESENTED ON THIS DRAWING ARE CONFIDENTIAL AND ARE NOT FOR GENERAL DISTRIBUTION. © SMD ENGINEERING, PLLC 2016



**1** 2500 SF - PLUMBING WASTE AND VENT ISOMETRIC  
PP901 BUILDINGS - 4, 5, 8, 22, 23, 24

**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.

MEM DATE: 08/21/17  
WEST COAST CODE CONSULTANTS, INC.

Horizon Neighborhood CABINS

778 E. Horizon Run  
Summit Powder Mountain  
Eden, Utah

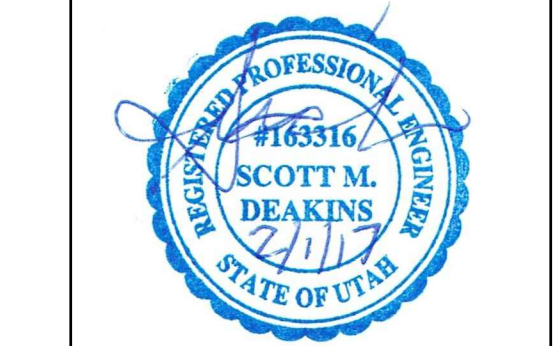
MacKay-Lyons  
Sweetapple  
Architects  
Limited

2188 Gottingen 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



#		#####
#		#####
#		#####
#		#####
#		#####
#		#####
#		#####
#		#####
#		#####
#		#####
No.	Description	Date
Revision:		

**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.

**ISSUED FOR CONSTRUCTION 2017.02.01**

**PLUMBING WASTE AND VENT ISOMETRIC**

scale: AS NOTED  
date: 2017.02.01  
drawn: STAFF  
chk'd: SMD

**PP901**



