

PATENTS:

U.S.: #8,371,082
CANADA: #2,621,024

All drawings and details shall be constructed in accordance with the local building code regulations, project engineering, and construction practices. Design contained herein are protected by copyright, recipient acknowledges contents are property of Hobbs Building Systems, LLC., and shall be used only for construction purposes and not copied, used or reproduced, for any other purposes or projects without written permission from Hobbs Building Systems, LLC. all rights reserved. Hobbs Building Systems, LLC. 2023. Hobbs Building Systems, LLC reserves the right to make changes to the drawings/information shown without notice.

SHOP DRAWINGS FOR:

PROJECT EXAMPLE #5

GILBERT, AZ 85295



LINTEL SCHEDULE						
MARK	LINTEL BAR - TOP & BOTTOM	SHEAR REINFORCING	R.O. HEAD HT.	LINTEL DEPTH	WIDTH R.O.	
L0	1- #5 (R.O. WIDTH + 4'-0")	#3 STIRRUP W/ HOOK EA. END @ 12" O.C.	VERIFY	1'-0" MIN.	1'-0"	
L1	1- #5 (R.O. WIDTH + 4'-0")	#3 STIRRUP W/ HOOK EA. END @ 12" O.C.	VERIFY	1'-0" MIN.	3'-0"	
L2	1- #5 (R.O. WIDTH + 4'-0")	#3 STIRRUP W/ HOOK EA. END @ 12" O.C.	VERIFY	1'-0" MIN.	4'-0"	
L3	1- #5 (R.O. WIDTH + 4'-0")	#3 STIRRUP W/ HOOK EA. END @ 12" O.C.	VERIFY	1'-0" MIN.	5'-0"	
L4	1- #5 (R.O. WIDTH + 4'-0")	#3 STIRRUP W/ HOOK EA. END @ 12" O.C.	VERIFY	1'-0" MIN.	6'-0"	
L5	2- #4 (R.O. WIDTH + 4'-0")	#3 STIRRUP W/ HOOK EA. END @ 12" O.C.	VERIFY	1'-4" MIN.	10'-0"	
L6	2- #5 (R.O. WIDTH + 4'-0")	#3 STIRRUP W/ HOOK EA. END @ 12" O.C.	VERIFY	2'-0" MIN.	15'-0"	
*L7	2- #5 SEE NOTE & DETAIL	#3 STIRRUP W/ HOOK EA. END @ 12" O.C.	VERIFY	2'-0" MIN.	CORNER	
L8	2- #5 (R.O. WIDTH + 4'-0")	#3 STIRRUP W/ HOOK EA. END @ 12" O.C.	VERIFY	2'-0" MIN.	18'-0"	

*L7: THE TOP LINTEL BARS SHALL EXTEND 4 TIMES THE LINTEL PROJECTION BEYOND THE END OF THE LINTEL.

LOCATION PROPERTIES		WALL HORIZ. REINFORCING SCHEDULE			VERT. REINFORCING SCHEDULE		
LEVEL	WALL HT.	TOP OF WALL BAR	INTERMEDIATES	BOTTOM OF WALL BAR	VERT. REINF. BAR	SPACING	POSITION
FOUNDATION WALLS	11'-10"	#5	N/A	#5	#5	8" O.C.	OFFSET
	11'-3 1/4"	#5	N/A	#5	#5	8" O.C.	OFFSET
	10'-11 1/4"	#5	N/A	#5	#5	8" O.C.	OFFSET
	*6'- BUTTRESS	#5	#4 @ 18" O.C.	#5	#5	16" O.C.	CENTER
MAIN FLOOR WALLS	11'-10 1/2"	#5	N/A	#4	#4	16" O.C.	CENTER
	11'-11 3/4"	#5	N/A	#4	#4	16" O.C.	CENTER
	12'-2 1/2"	#5	N/A	#4	#4	16" O.C.	CENTER
	13'-11 3/4"	#5	N/A	#4	#4	16" O.C.	CENTER

NOTES:

- FOUNDATION WALLS WITH BACKFILL ON ONLY ONE SIDE TO HAVE VERTICAL BAR IN OFFSET POSITION.
- *BUTTRESS WALL PANELS TO BE CUT DOWN TO 6'-0" FROM 11'-10" WALL PANELS IN FIELD.

GENERAL NOTES / DESIGN DATA

DESIGN PARAMETERS:

- BUILDING CODE REFERENCE
IRC 2018
- CLIMATIC DATA - GILBERT, AZ
SNOW LOAD: N/A PSF
WIND EXPOSURE: C
WIND SPEED: 102 MPH
DESIGN WIND LOAD: 19.38 PSF
SEISMIC CATEGORY: B
RISK CATEGORY: II
- LOADS

3.1 DEAD LOADS

ROOF: 15 PSF

FLOORS: 16 PSF

3.2 LIVE LOADS

ROOF: 30 PSF

FLOORS: 50 PSF

CONSTRUCTION MATERIAL:

1. CONCRETE:

MINIMUM COMPRESSIVE DESIGN STRENGTH AT 28 DAYS OF 3,000 PSI. MAXIMUM WATER-TO-CEMENT RATIO, W / CM = 0.43. 3/8" LIMESTONE CHIPS OR 3/8" WASHED RIVER ROCK AGGREGATE, 4" TO 5" SLUMP. CAN SUBSTITUTE 15% CLASS 8 FLYASH BY WEIGHT FOR CEMENT IN CONCRETE MIX

2. REINFORCEMENT:

ASTM A615 GRADE 60.

GENERAL NOTES:

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF DETAILS PROVIDED FOR HOBBS WALL SYSTEM WITH ALL OTHER BUILDING COMPONENTS, SUCH AS FLOOR & ROOF FRAMING. THIS DRAWING SET IS NOT MEANT TO BE DEFINITIVE FOR BUILDING DIMENSIONS & LAYOUT. ICF WALL INSTALLATION SHOULD BE COORDINATED WITH OTHER TRADES & BUILDING DIMENSIONS & LAYOUT CONFIRMED WITH THE APPROPRIATE PARTIES.

EARTH BACKFILL AGAINST BASEMENT WALLS SHALL BE GW, GP OR GM AND SHALL BE TILED AT FOOTING ELEVATION.

Sheet List

Sheet Number	Sheet Name
--------------	------------

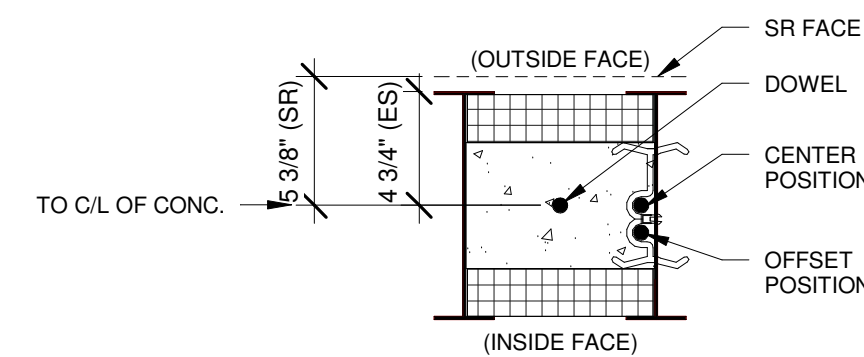
1	COVER SHEET
2	LAYOUT PLANS
3	DETAILS
Y1A-EPS	Unnamed
Y1A-M	Unnamed
Y2A-EPS	Unnamed
Y2A-M	Unnamed

DOWEL REINFORCING SCHEDULE

LOCATION	VERT. REINF. BAR	SPACING	EMBED	PROJECTION	POSITION
WALL TO FOOTING	#5	8" O.C.	6"	6"	CENTER
WALL TO SLAB	#5	24" O.C.	6"	6"	CENTER
WALL TO WALL	#5	24" O.C.	6"	6"	CENTER

NOTES:

- SEE STRUCTURAL DRAWINGS FOR DETAILS
- START DOWEL 12" FROM OUTSIDE OF CORNER ASSEMBLY IN EACH DIRECTION



RETAINER CLIP SCHEDULE	
WALL HEIGHT	QTY. CLIPS PER FURRING ASSEMBLY
12" TO 8'-4"	2
8'-5" TO 10'-4"	3
10'-5" TO 12'-0"	4
12'-1" TO 16'-0"	5

ABBREVIATIONS

BM. = BEAM	O.C. = ON CENTER
BTM. = BOTTOM	OPNG. = OPENING
CONT. = CONTINUOUS	PL. = PLATE
CTR. = CENTER	PSF = LBS PER SQUARE FOOT
DWL. = DOWEL	REINF. = REINFORCING
EA. = EACH	R.O. = ROUGH OPENING
ELEV. = ELEVATION	S.R. = STUCCO READY
E.O. = EVERY OTHER	T.O.W. = TOP OF WALL
E.S. = EXPOSED STUD	TYP. = TYPICAL
FLR. = FLOOR	VERT. = VERTICAL
FTG. = FOOTING	VICF = VERTICAL INSULATED CONCRETE FORM
G-V. = GABLE - VARIES	W/ = WITH
HORIZ. = HORIZONTAL	W.H. = WALL HEIGHT
MIN. = MINIMUM	

GILBERT, AZ 85295

JOB # : 2023105A

- NOT FOR CONSTRUCTION
 FOR CONSTRUCTION

ISSUE DATE :

1 NOVEMBER, 2023

REVISIONS:

- 1 -
- 2 -
- 3 -
- 4 -
- 5 -

DRAWING SCALE :

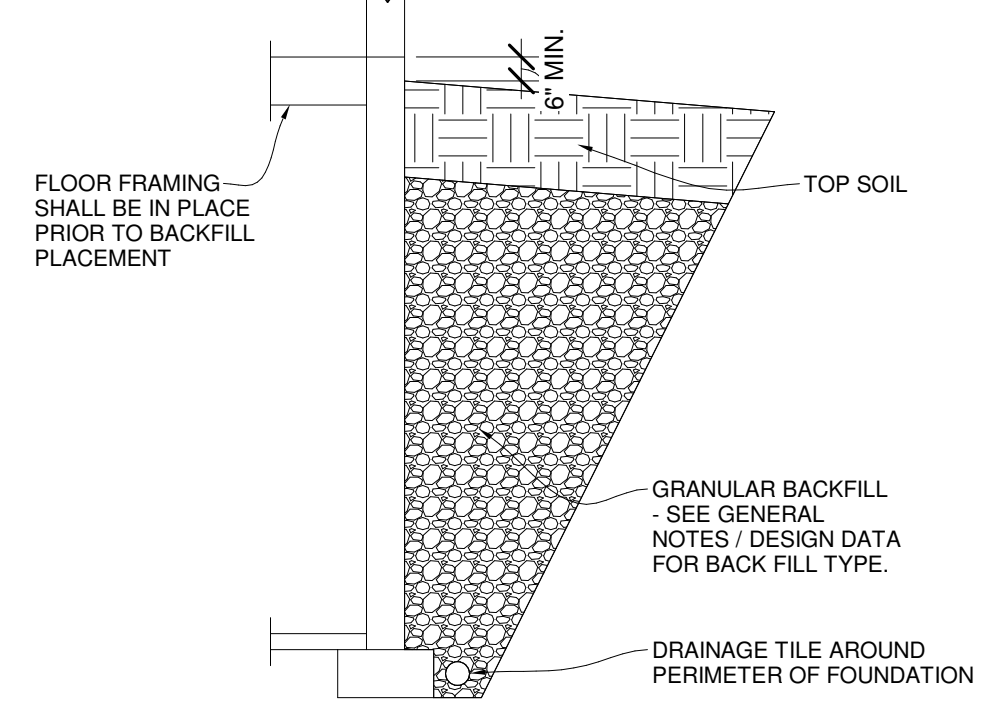
As indicated

DRAWING NAME :

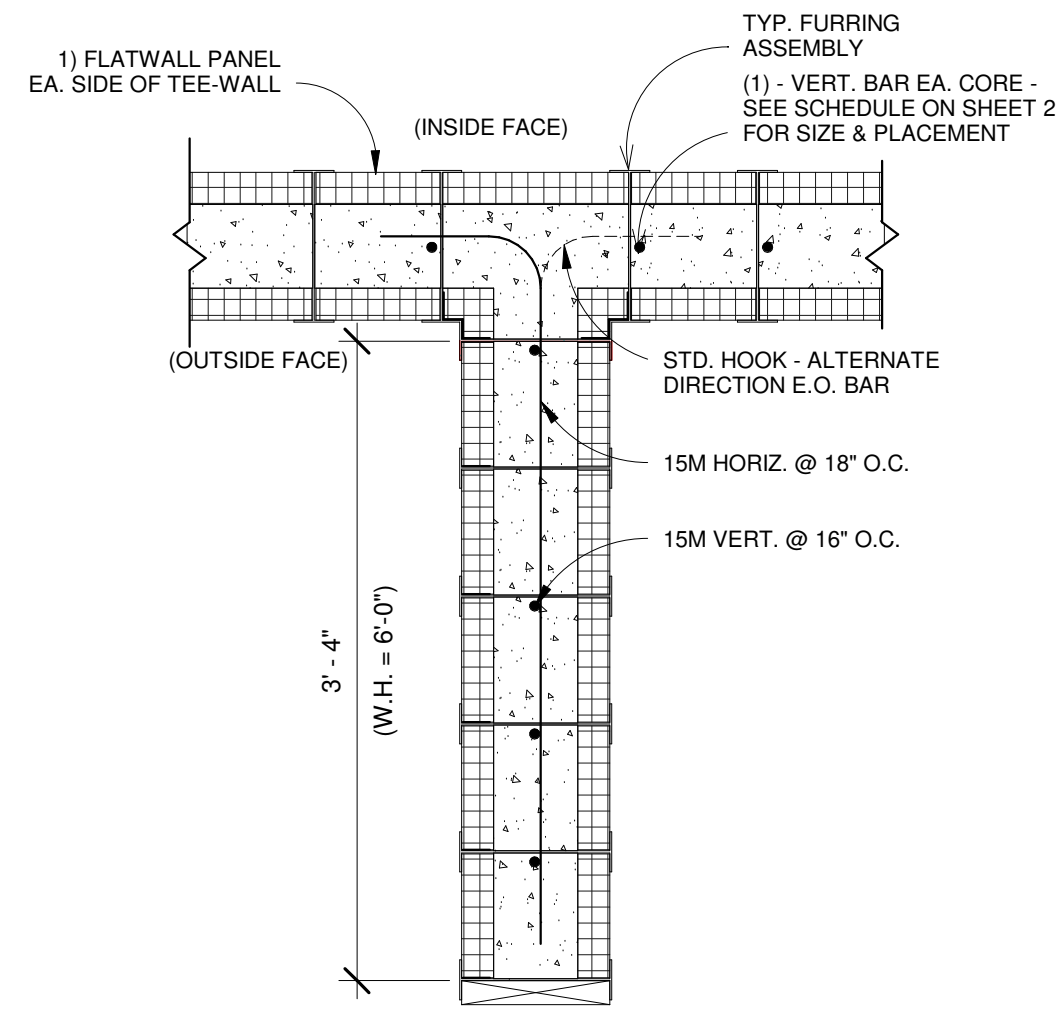
COVER SHEET

11/2/2023 1:54:48 PM

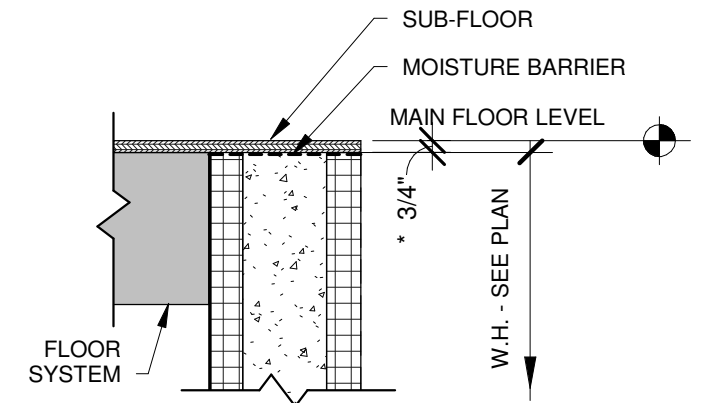
THIS PLAN IS THE PROPERTY OF HOBBS BUILDING SYSTEMS AND MAY NOT BE USED FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN PERMISSION FROM HOBBS BUILDING SYSTEMS FOR ANY SPECIFIC USE THEREOF.



1 TYP. BASEMENT WALL SECTION
1/4" = 1'-0"



2 BUTTRESS WALL SECTION
1" = 1'-0"

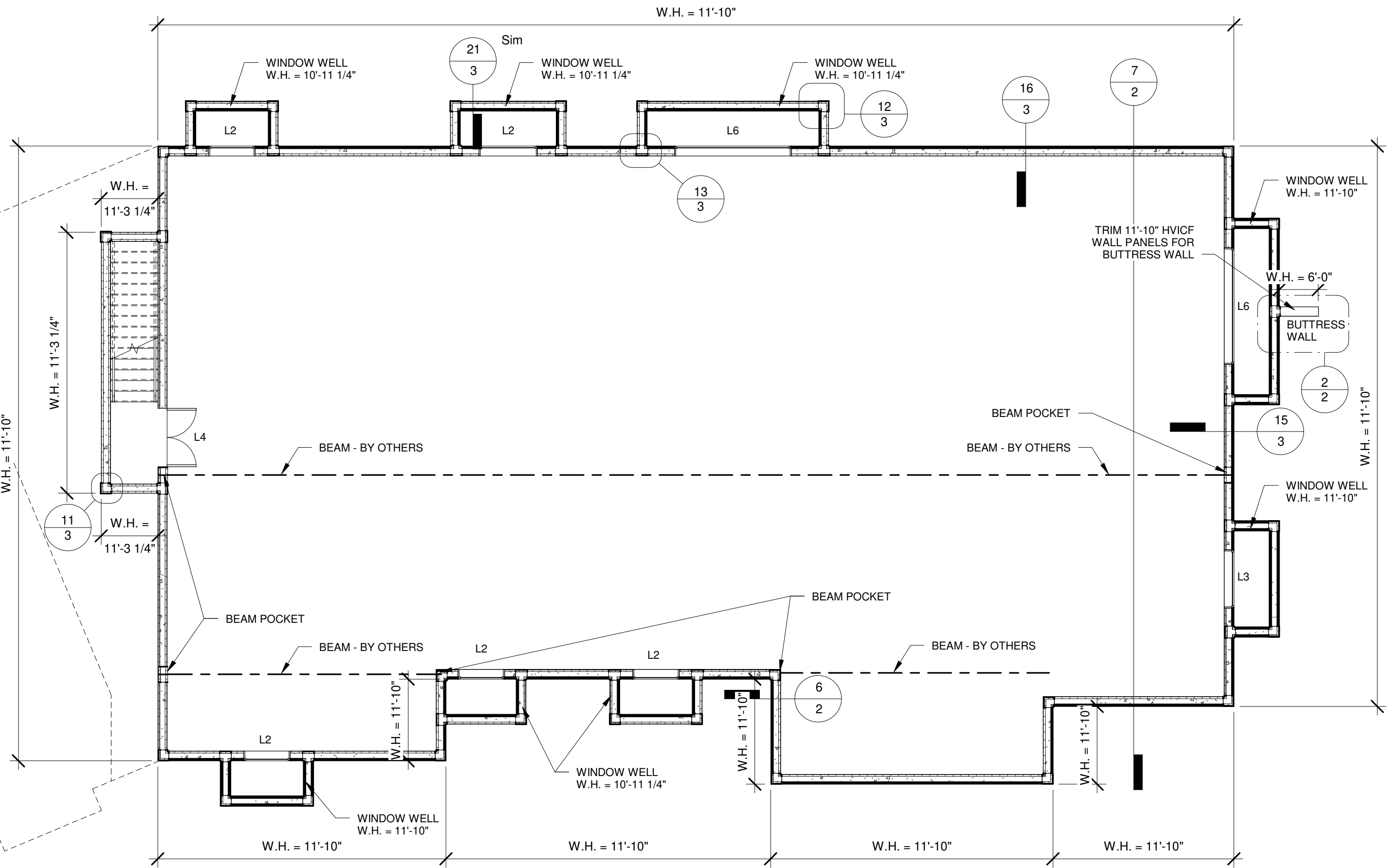


3 DOOR SILL DETAIL - MAIN LVL.
1" = 1'-0"



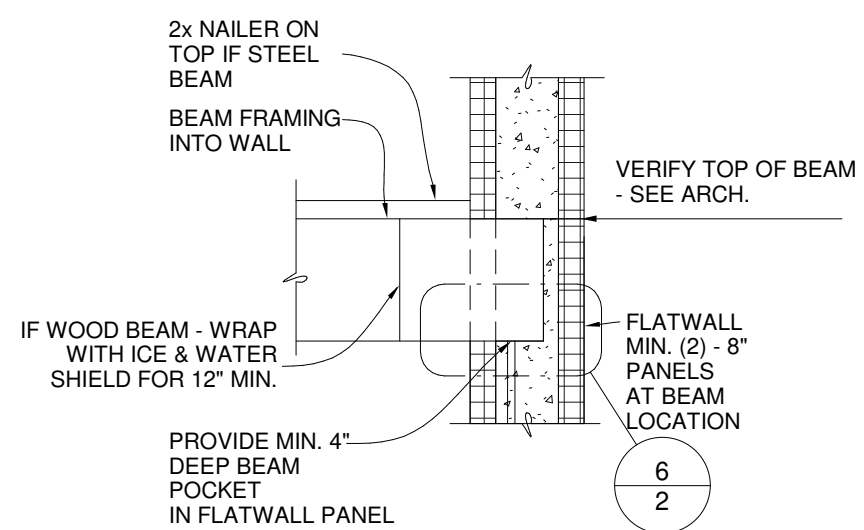
WALL TYPES

- S.R. PANEL INDICATOR
- CONTOUR WALL - STUCCO READY
- CONTOUR WALL - EXPOSED STUD
- FLAT WALL - EXPOSED STUD
- S.R. PANEL INDICATOR
- FLAT WALL - STUCCO READY

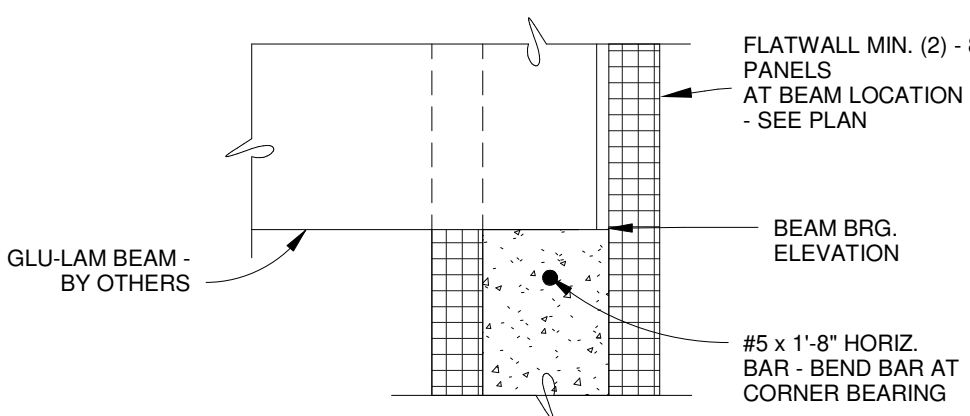


- NOTES:
- BUILDING DIMENSIONS FOR REFERENCE ONLY - SEE ARCHITECTURAL PLANS (BY SANVERMA DESIGN - DATED 12/13/23) FOR ALL DIMENSIONS - ARCHITECTURAL PLANS TO TAKE PRECEDENCE
 - PROVIDE FOOTING DRAINAGE PER DETAIL 1 / 2, DRAIN TILE TO BE PROVIDED BY OTHERS - TO BE INSTALLED PER CODE

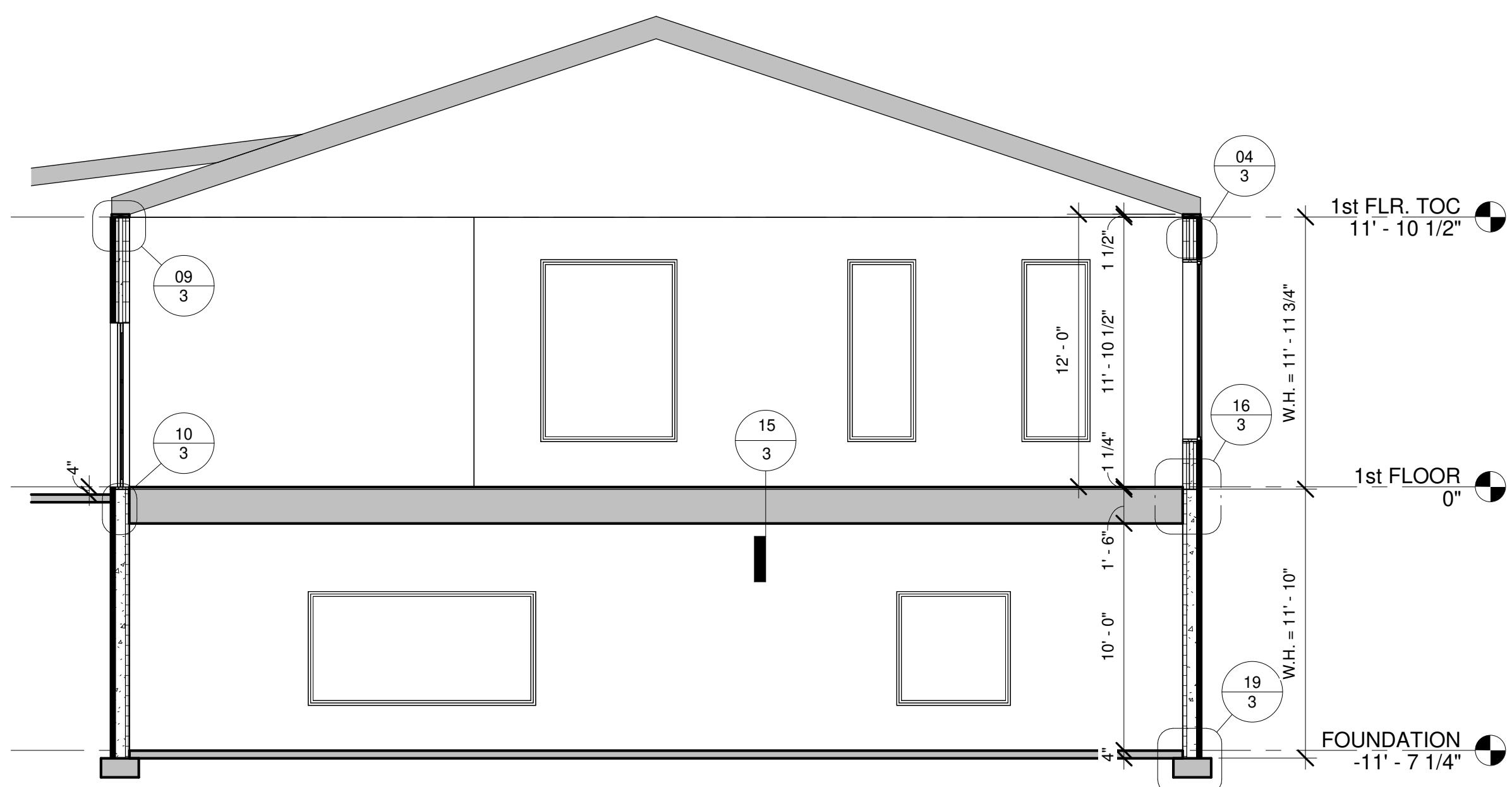
4 FOUNDATION
1/8" = 1'-0"



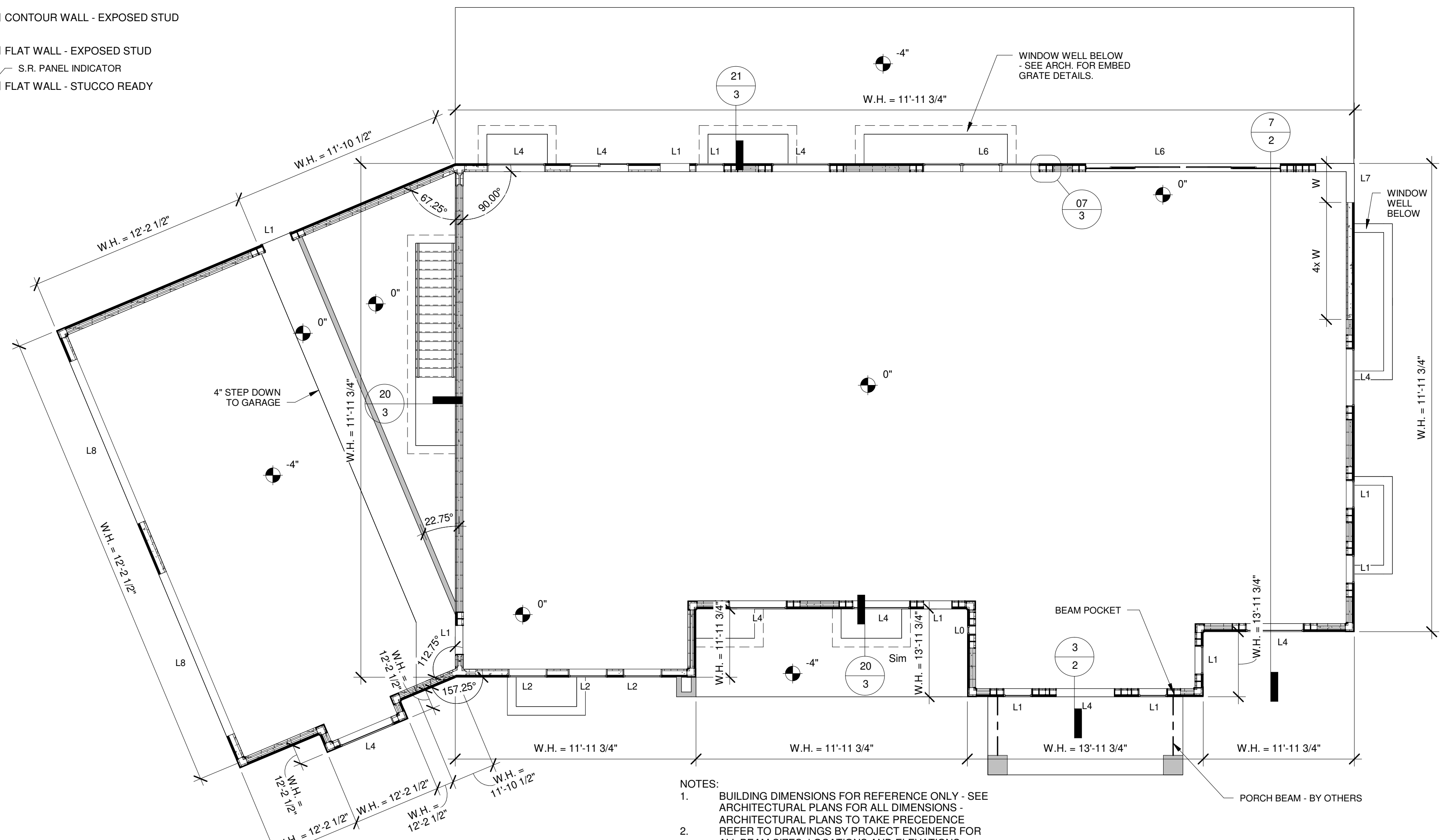
5 BEAM POCKET
3/4" = 1'-0"



6 BEAM POCKET
1 1/2" = 1'-0"

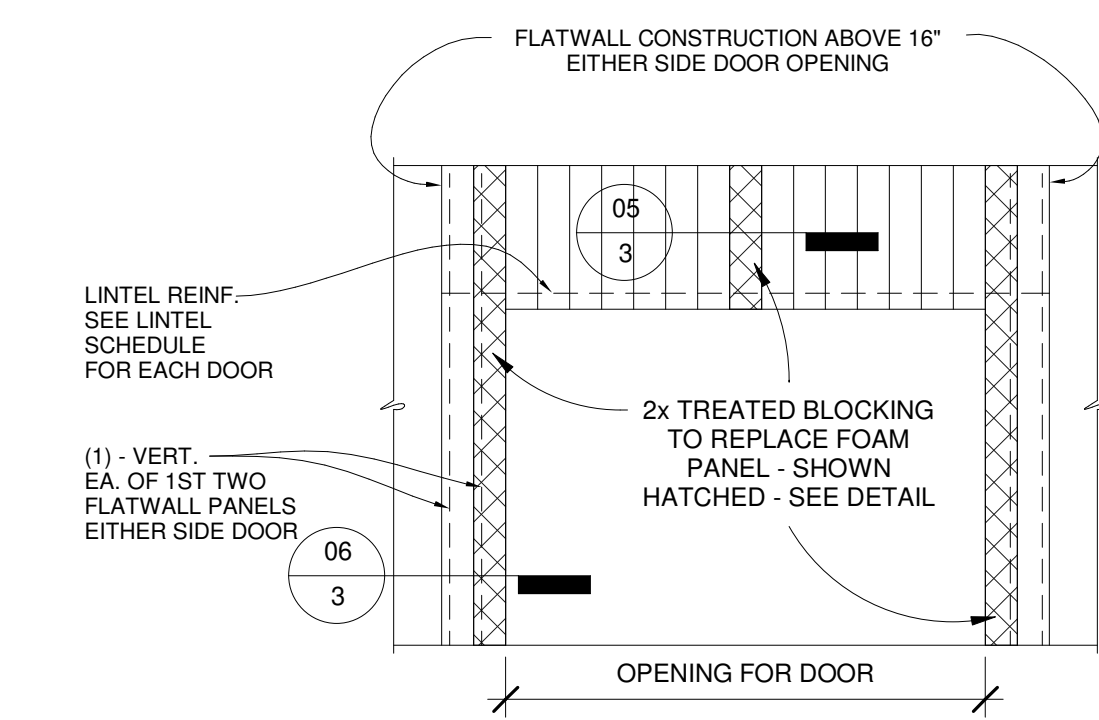


7 BUILDING SECTION
3/16" = 1'-0"

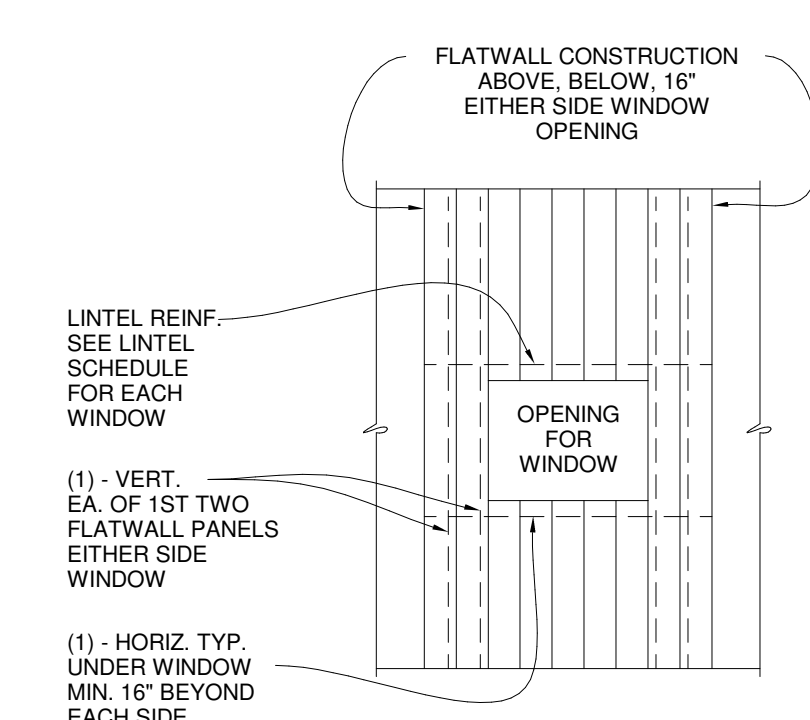


- NOTES:
- BUILDING DIMENSIONS FOR REFERENCE ONLY - SEE ARCHITECTURAL PLANS FOR ALL DIMENSIONS - ARCHITECTURAL PLANS TO TAKE PRECEDENCE REFER TO DRAWINGS BY PROJECT ENGINEER FOR ALL BEAM SIZES, LOCATIONS AND ELEVATIONS.

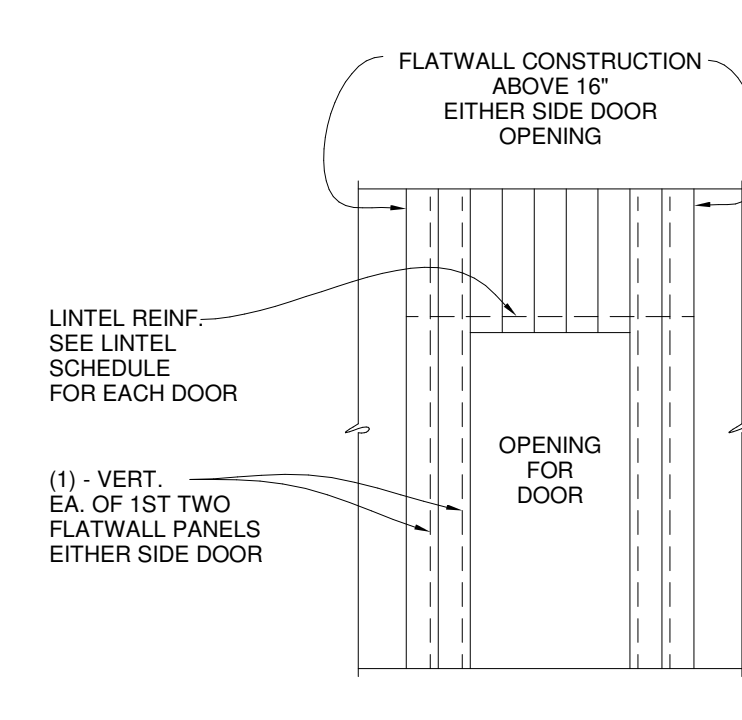
8 1st Floor
1/8" = 1'-0"



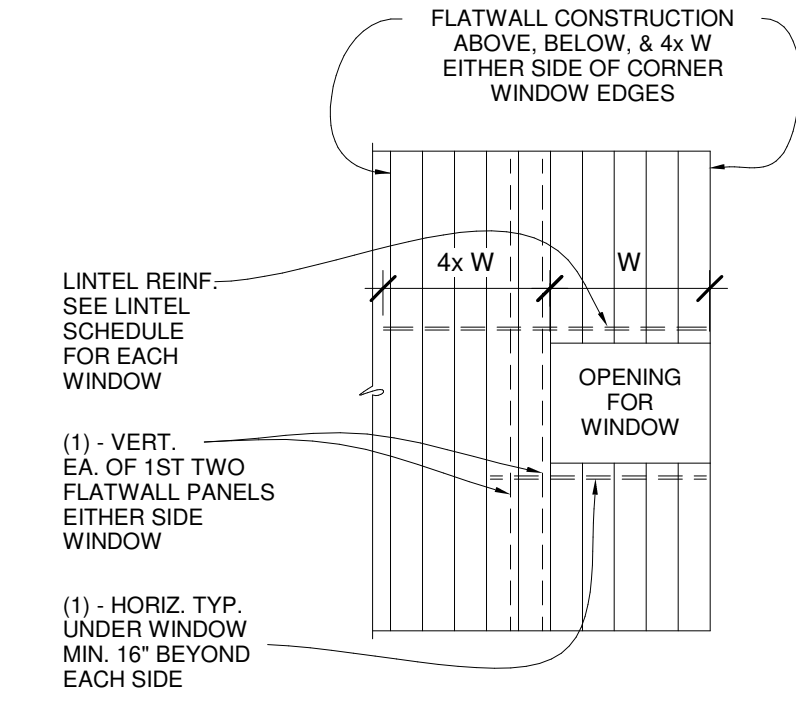
01 TYP. ELEV. @ OVERHEAD DOOR
1/4" = 1'-0"



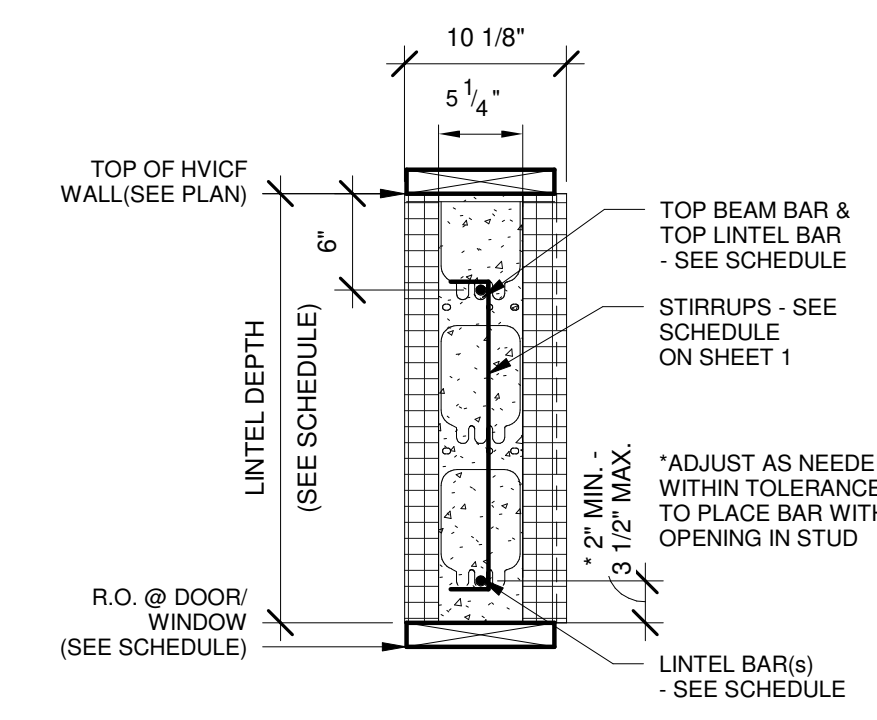
02 TYP. ELEV. @ WINDOW
1/4" = 1'-0"



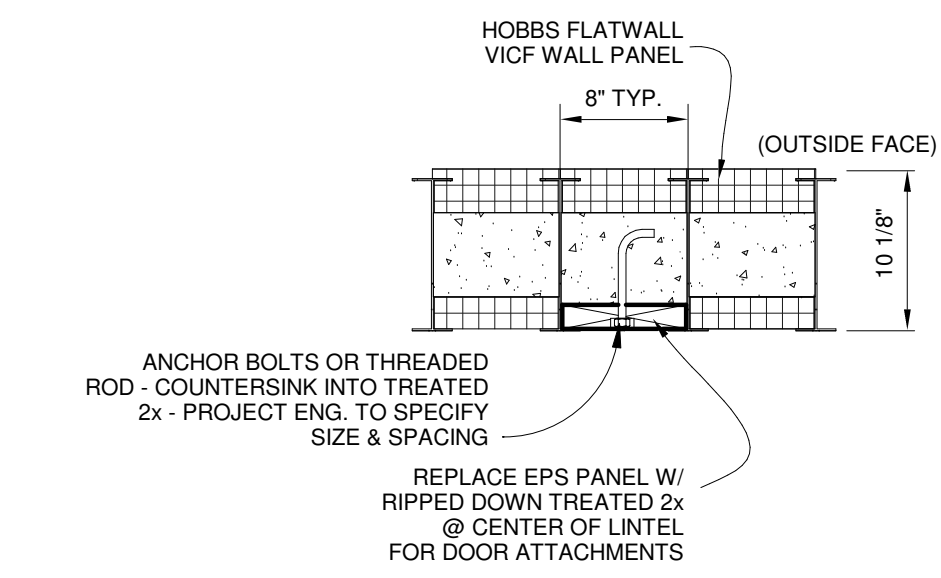
03 TYP. ELEV. @ DOOR
1/4" = 1'-0"



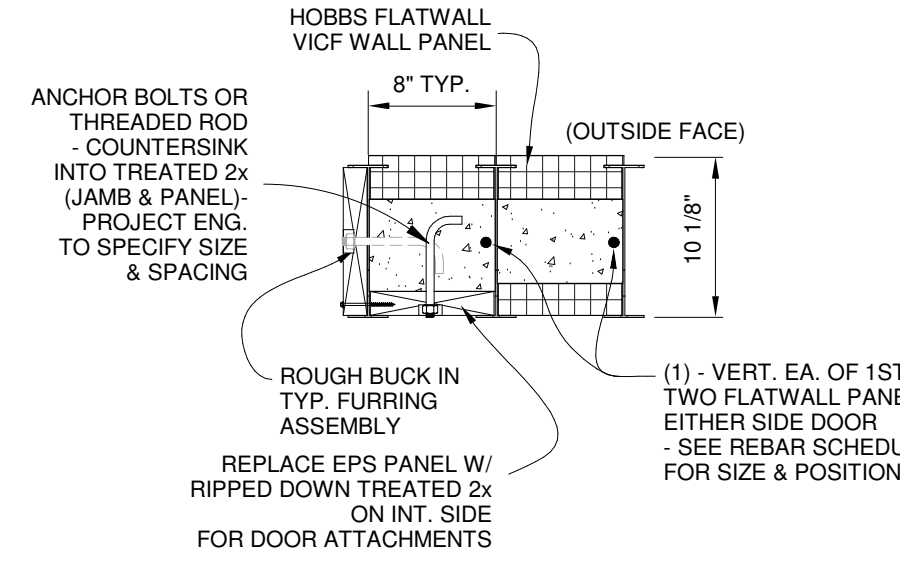
03a CORNER WINDOW ELEVATION
1/4" = 1'-0"



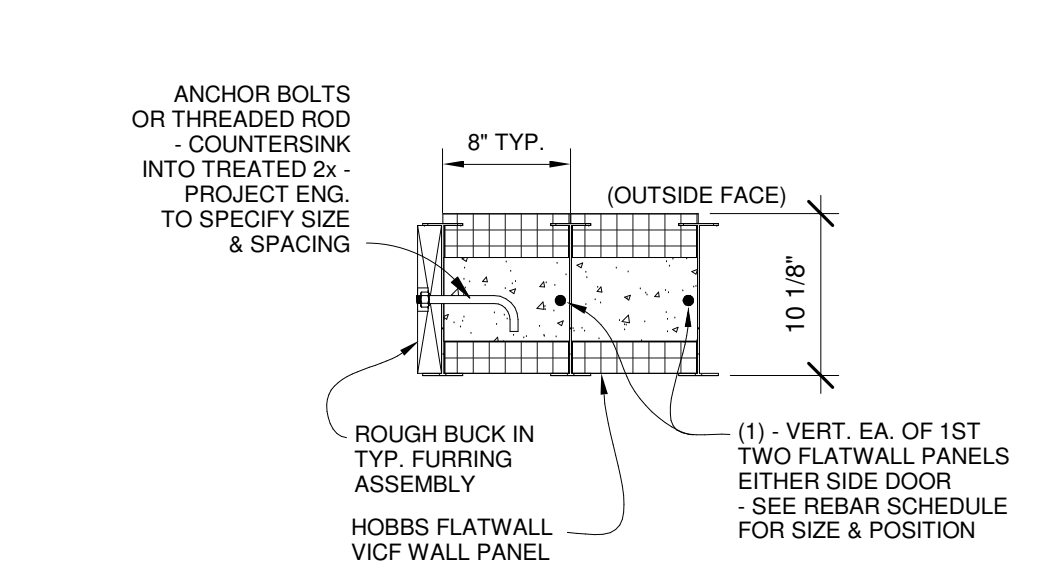
04 LINTEL DETAIL
1" = 1'-0"



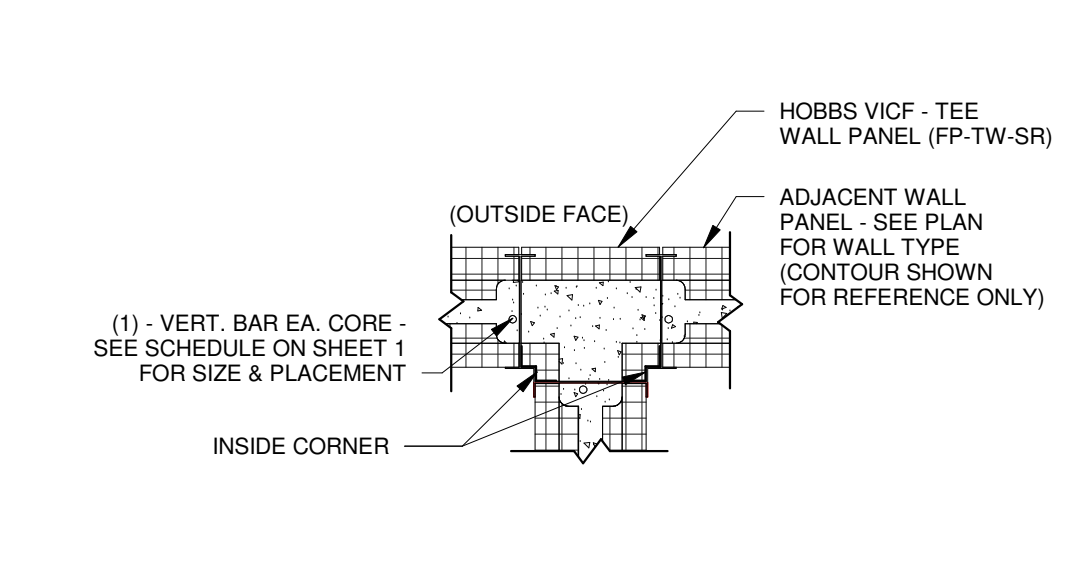
05 OVERHEAD LINTEL BLOCKING
1" = 1'-0"



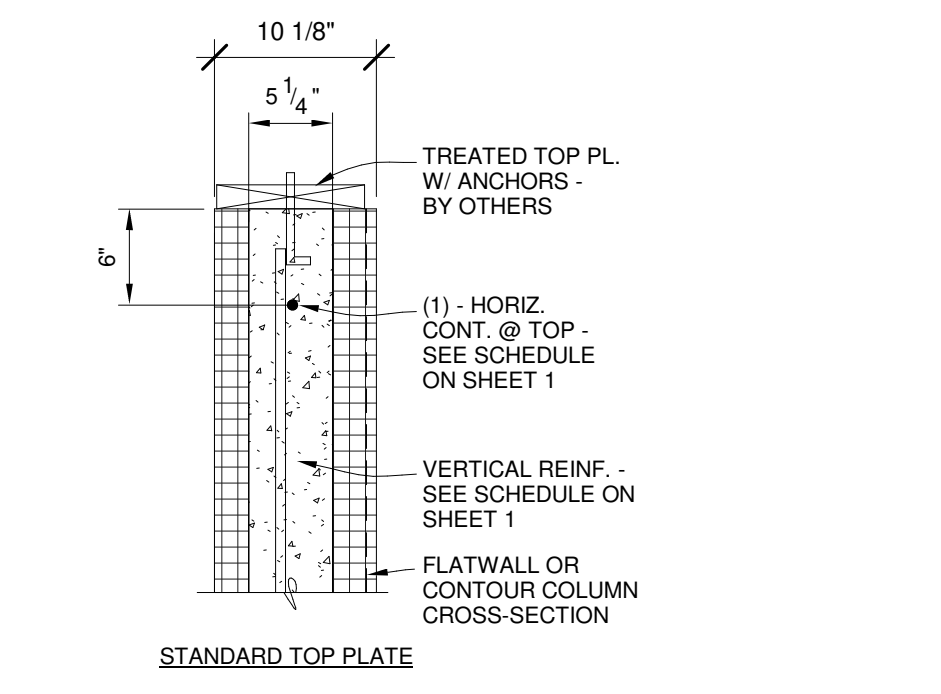
06 OVERHEAD JAMB DETAIL
1" = 1'-0"



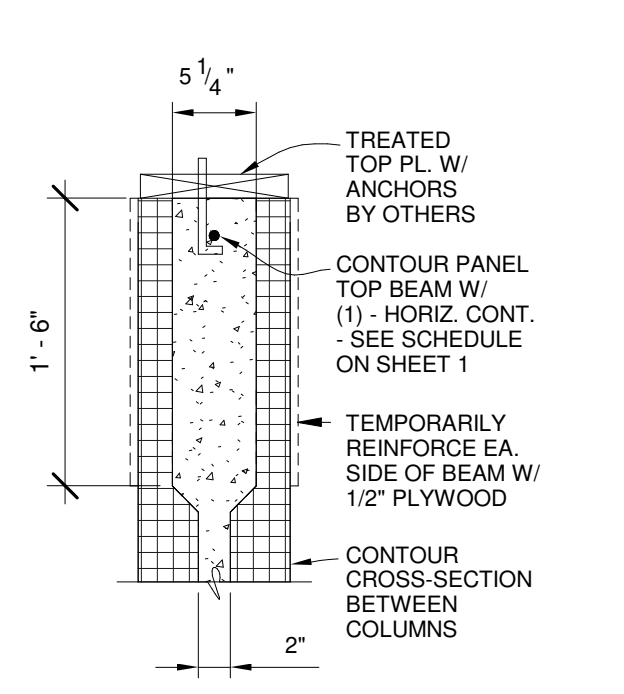
07 JAMB DETAIL
1" = 1'-0"



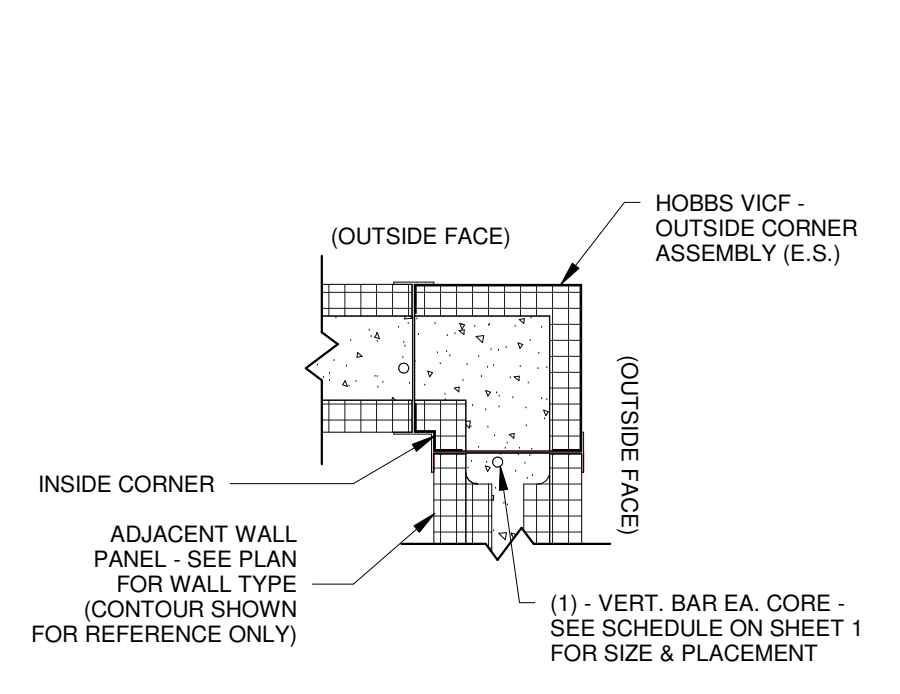
08 TEE WALL - STUCCO READY (S.R.)
3/4" = 1'-0"



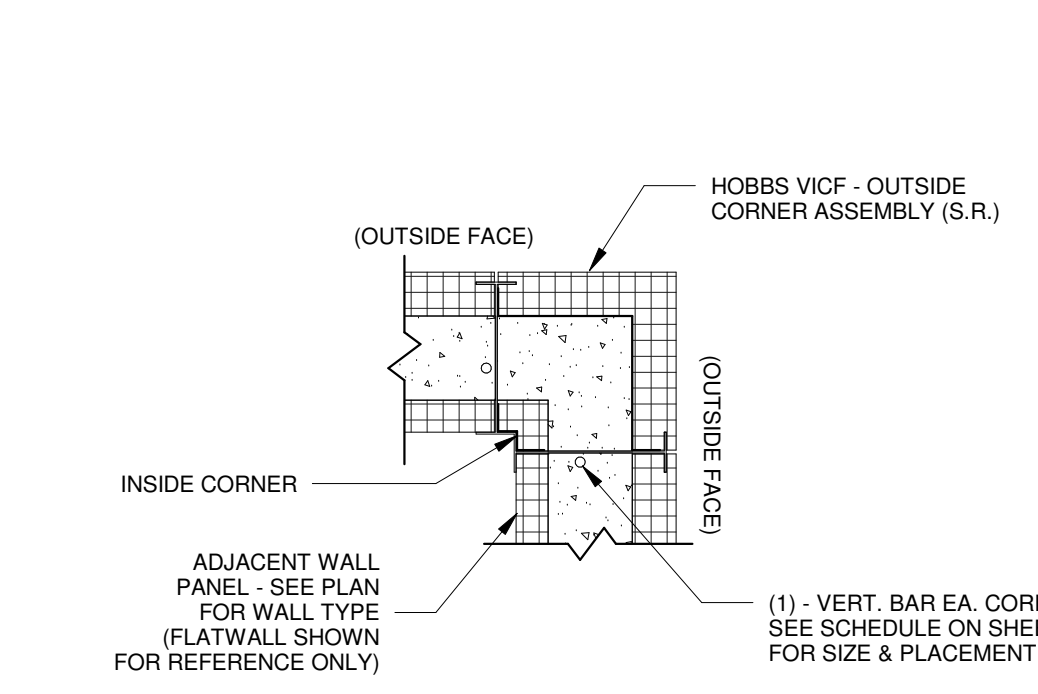
09 TOP OF WALL
1" = 1'-0"



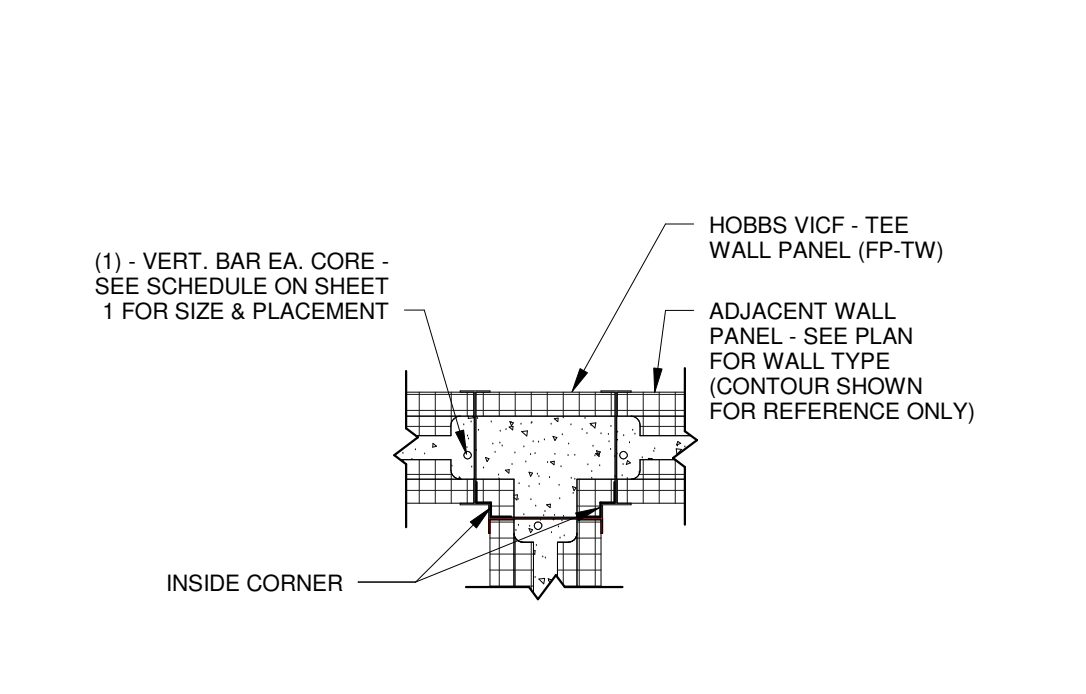
10 TOP OF WALL @ CONTOUR WALL
1" = 1'-0"



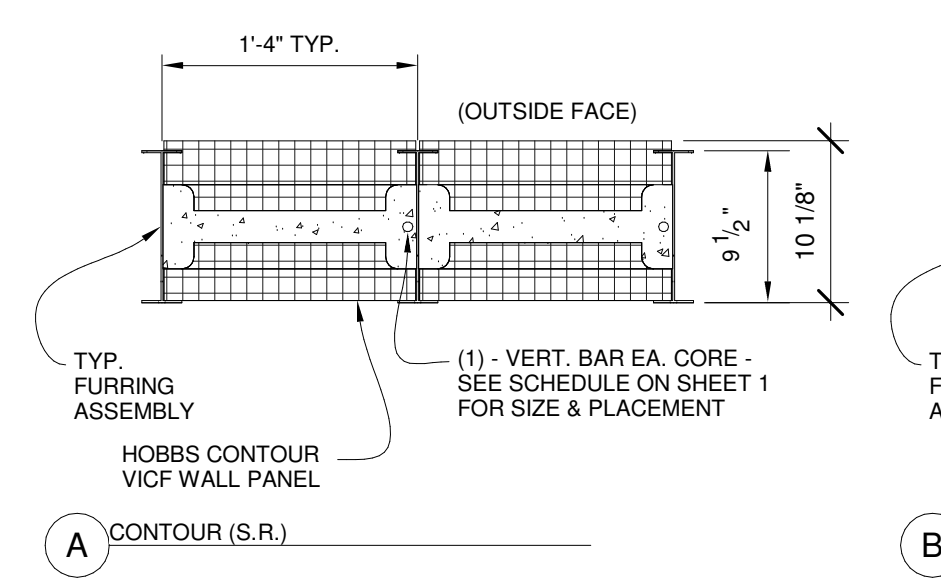
11 CORNER - EXPOSED STUD (E.S.)
1" = 1'-0"



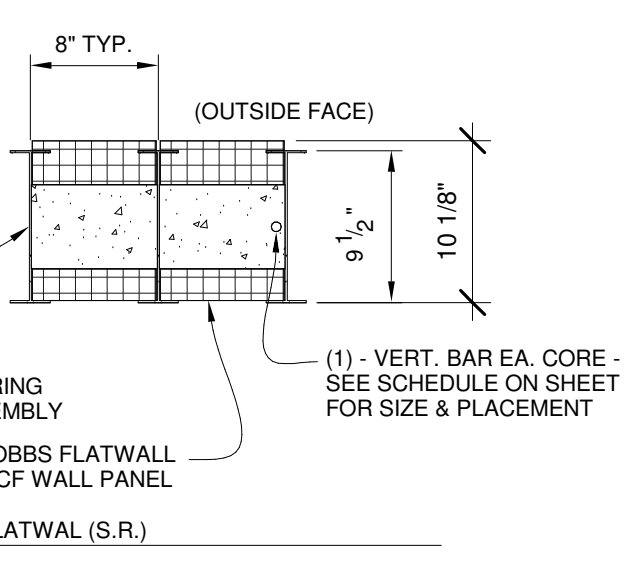
12 CORNER - STUCCO READY (S.R.)
1" = 1'-0"



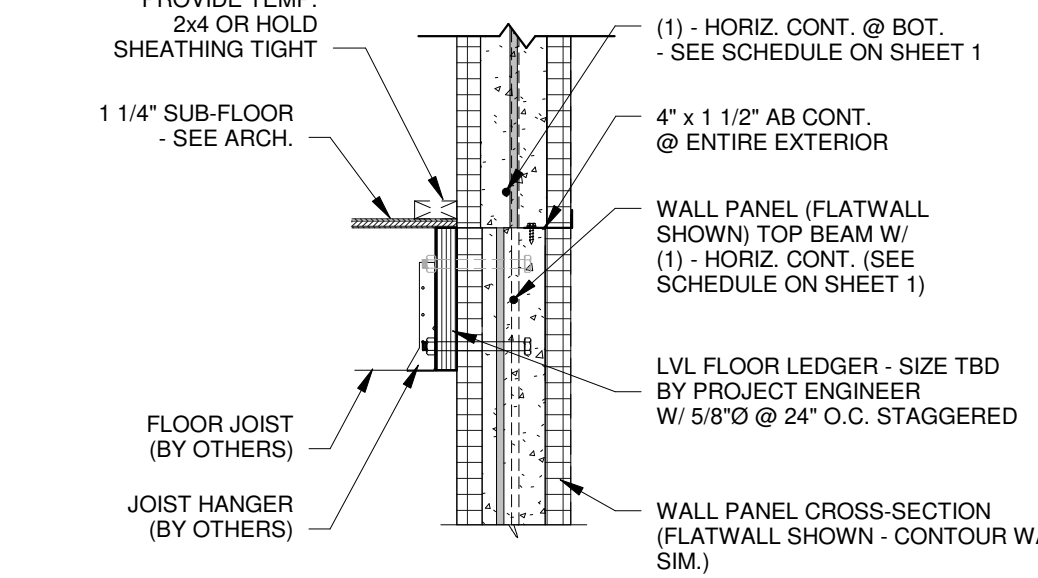
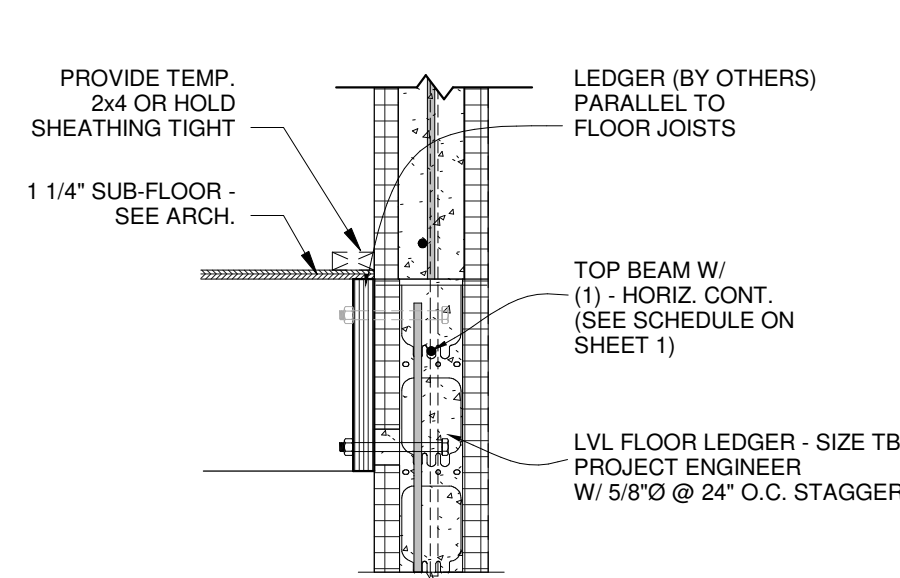
13 TEE WALL - EXPOSED STUD (E.S.)
3/4" = 1'-0"



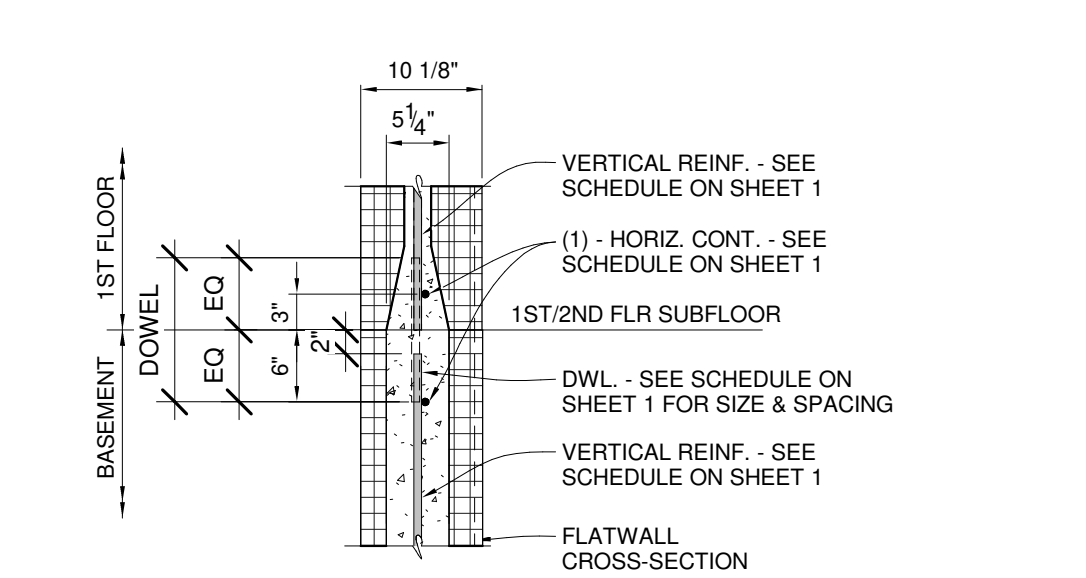
14 PLAN DETAILS
1" = 1'-0"



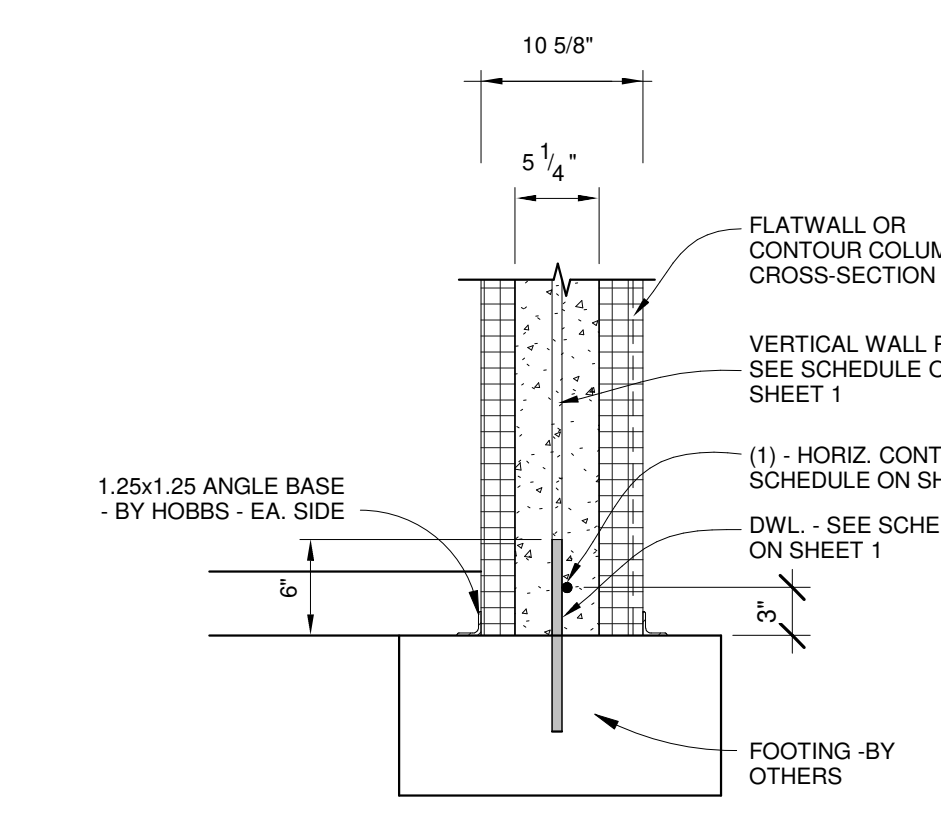
15 LEDGER BEAM
3/4" = 1'-0"



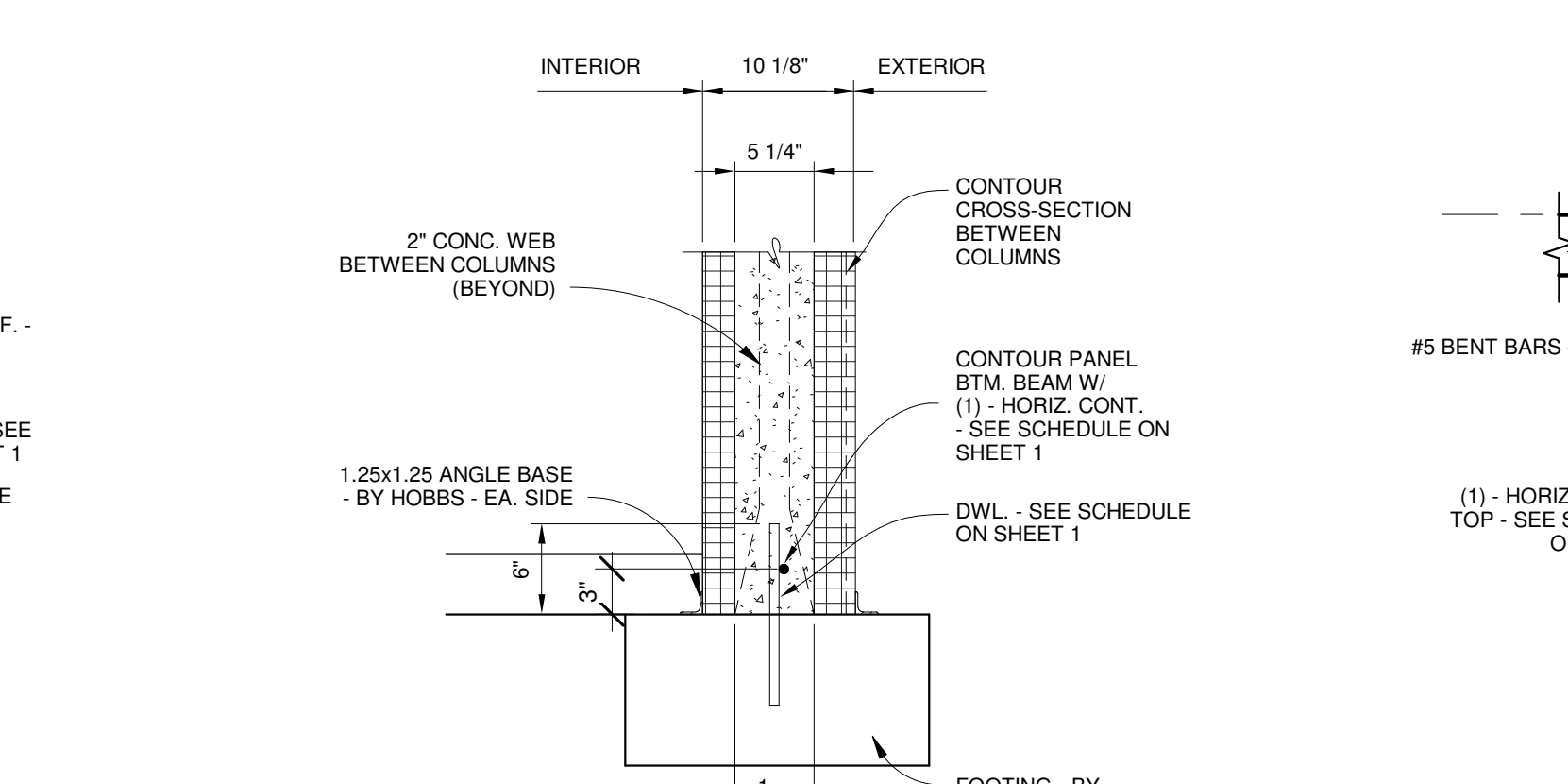
16 JOIST HANGER
3/4" = 1'-0"



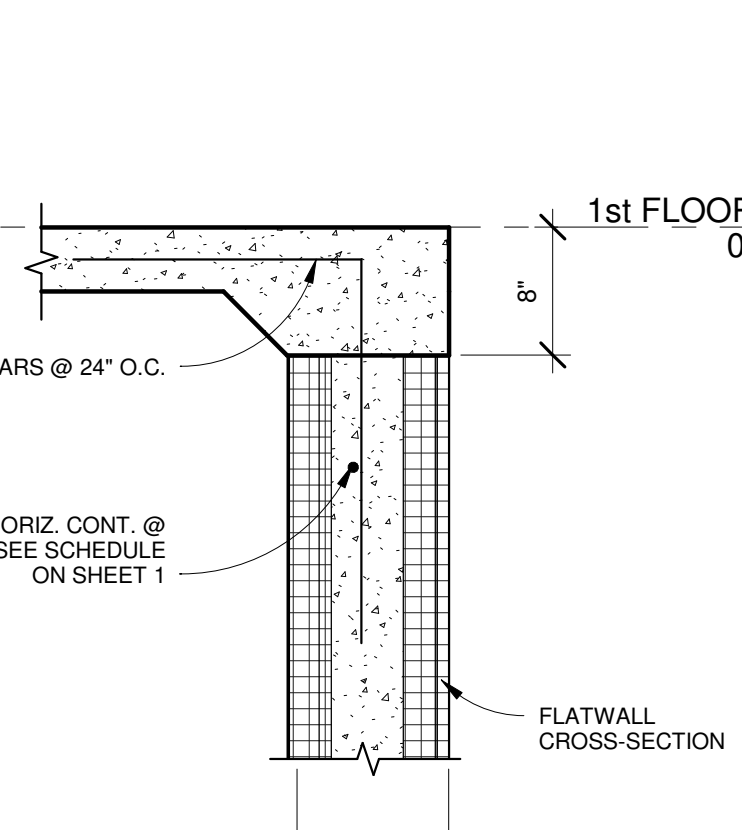
17 WALL CONN - CENTERED VERT - CW
3/4" = 1'-0"



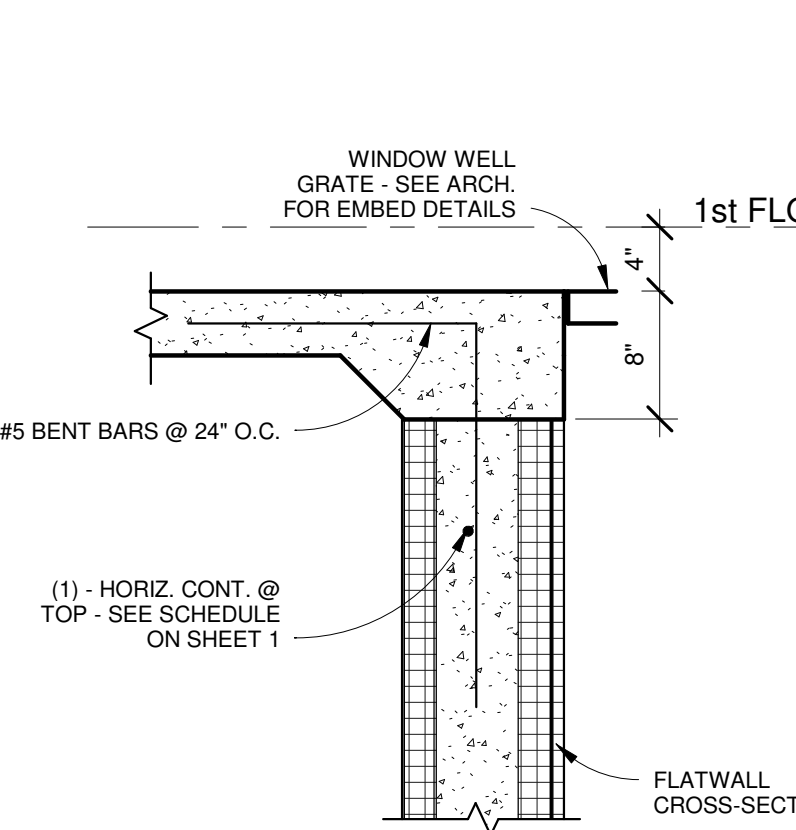
18 BOTTOM OF FLATWALL @ SLAB
1" = 1'-0"



19 BOTTOM OF CONTOUR WALL @ COLUMN
1" = 1'-0"



20 STAIR WELL DETAIL
1" = 1'-0"



21 WINDOW WELL DETAIL
1" = 1'-0"