



# SHOP DRAWINGS FOR: Project Example 2

KAYSVILLE, UT 84037

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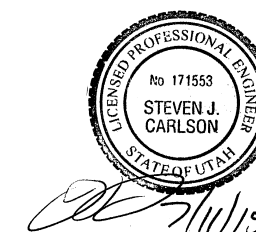
**PATENTS:**

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

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**ABBREVIATIONS**

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



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JOB # 182099

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- REVISIONS:
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|---|---|----|
| 1 | - | 6  |
| 2 |   | 7  |
| 3 |   | 8  |
| 4 |   | 9  |
| 5 |   | 10 |

DRAWING SCALE :  
12" = 1'-0"

DRAWING NAME :  
COVER SHEET

LINTEL SCHEDULE					
MARK	LINTEL BAR	SHEAR REINFORCING	HEAD R.O.	LINTIL DEPTH	WIDTH R.O.
L1	#5 (R.O. + 1'-0")	#3 STIRRUP W/ 2 1/2" HOOK EA. END @ 12" O.C.	VERIFY	1'-0" MIN.	3'-0" & BELOW
L2	#5 (R.O. + 1'-0")	#3 STIRRUP W/ 2 1/2" HOOK EA. END @ 12" O.C.	VERIFY	1'-0" MIN.	4'-0"
L3	#5 (R.O. + 1'-0")	#3 STIRRUP W/ 2 1/2" HOOK EA. END @ 12" O.C.	VERIFY	1'-0" MIN.	5'-0"
L4	#5 (R.O. + 1'-0")	#3 STIRRUP W/ 2 1/2" HOOK EA. END @ 12" O.C.	VERIFY	1'-0" MIN.	6'-0"
L5	#5 (R.O. + 1'-0")	#3 STIRRUP W/ 2 1/2" HOOK EA. END @ 12" O.C.	VERIFY	1'-0" MIN.	7'-6"
L6	#5 (R.O. + 1'-0")	#3 STIRRUP W/ 2 1/2" HOOK EA. END @ 12" O.C.	VERIFY	1'-0" MIN.	1'-5"

### WALL HORIZ. REINFORCING SCHEDULE

WALL HT.	TOP OF WALL BAR	INTERMEDIATES	BOTTOM OF WALL BAR
9'-0"	#4	#4 @ 18" O.C.	#4
10'-0"	#4	#4 @ 18" O.C.	#4
12'-0"	#4	#4 @ 18" O.C.	#4

### BASEMENT WALL VERT. REINFORCING SCHEDULE

LOCATION	WALL HT.	VERT. REINF. BAR	SPACING	POSITION
BASEMENT WALLS	10'-0"	#6	16" O.C.	OFFSET

### MAIN FLOOR WALL VERT. REINFORCING SCHEDULE

LOCATION	WALL HT.	VERT. REINF. BAR	SPACING	POSITION
TYP. MAIN FLR. WALLS	9'-0"	#4	24" O.C.	CENTER
RAISED PLATE WALLS	12'-0"	#4	16" O.C.	CENTER

### DOWEL REINFORCING SCHEDULE

LOCATION	VERT. REINF. BAR	SPACING	EMBED	PROJECTION	POSITION
@ FOOTING	#5	48" O.C.	6"	6"	CENTER
@ 1ST/2ND FLR. JT.	#5	48" O.C.	6"	6"	CENTER

#### DOWEL NOTES:

- ALL DOWELS TO START 12" IN FROM OUTSIDE OF FORM CORNER
- DOWELS NOT TO EXCEED SPECIFIED SPACING PER SCHEDULE
- DOWEL SPACINGS NOT REQUIRED TO ALIGN WITH VERT. BARS

## GENERAL NOTES / DESIGN DATA

#### DESIGN PARAMETERS:

- BUILDING CODE REFERENCE  
INTERNATIONAL RESIDENTIAL CODE 2015  
2011 EDITION ACI 318

- LOADS

#### 2.1. DEAD LOADS

ROOF: 20 PSF  
ICF WALLS: 75 PSF  
FLOORS: 20 PSF  
WOOD STUD WALLS: 15 PSF  
DECK: 10 PSF

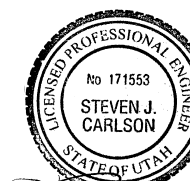
#### 2.2. LIVE LOADS

ROOF: 20 PSF (SNOW)  
FLOORS: 40 PSF

#### 2.3. WIND

V = 115 MPH, EXP. C, I = 1.0

2.4 LATERAL EARTH PRESSURE ON FOUNDATION WALLS: 45 PSF/FT



*Signature* 7/11/19

#### CONSTRUCTION MATERIAL:

- CONCRETE:

MINIMUM COMPRESSIVE DESIGN STRENGTH AT 28 DAYS OF 4,000 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 C FLYASH BY WEIGHT FOR CEMENT IN CONCRETE MIX

- REINFORCEMENT:

ASTM A615 GRADE 60.

#### GENERAL NOTES:

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF DETAILS PROVIDED FOR HOBBS WALL SYSTEM WITH FOUNDATIONS, 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 OF TYPE (ACCORDING TO THE UNIFIED SOIL CLASSIFICATION SYSTEM) GW, GP, SW, SP, GM, GC, SM, SM-SC, OR ML, AND SHALL BE TILED AT FOOTING ELEVATION

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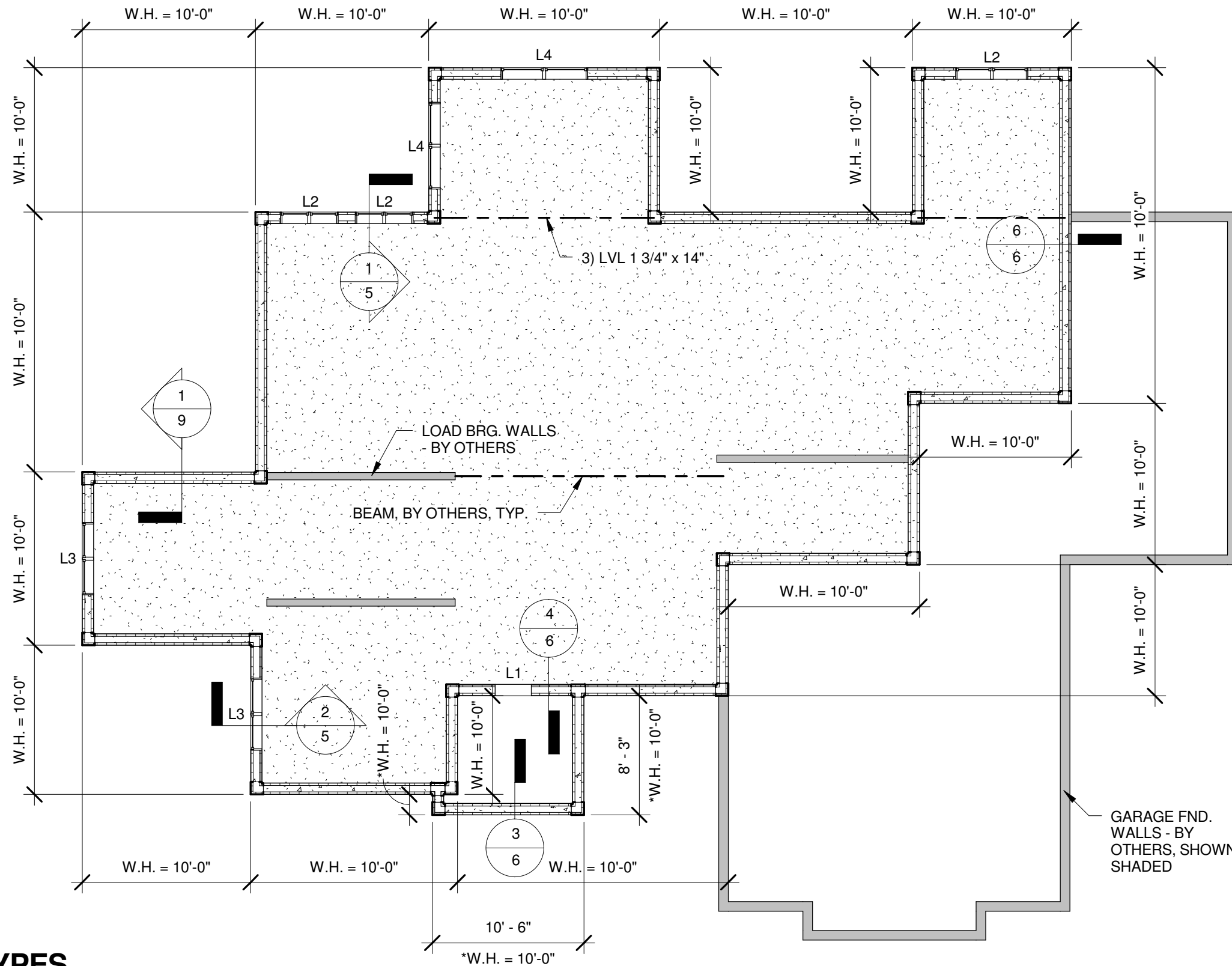
1	-	6
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
12" = 1'-0"

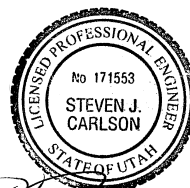
DRAWING NAME :

PROJECT INFO



**WALL TYPES**

-  EXT. CONTOUR WALL - EXPOSED STUD
-  EXT. FLAT WALL - EXPOSED STUD



- NOTES:
- BUILDING DIMENSIONS FOR REFERENCE ONLY - SEE ARCHITECTURAL PLANS FOR ALL DIMENSIONS - ARCHITECTURAL PLANS TO TAKE PRESEDENCE
  - PROVIDE FOOTING DRAINAGE PER DETAIL DRAIN TILE TO BE PROVIDED BY OTHERS - TO BE INSTALLED PER CODE. 3 / 5
- \* CUT DOWN BOTTOM OF PANELS TO ADJUST FOR DESIRED HEIGHT OF STOOP WALLS.

2 BASEMENT  
1/8" = 1'-0"

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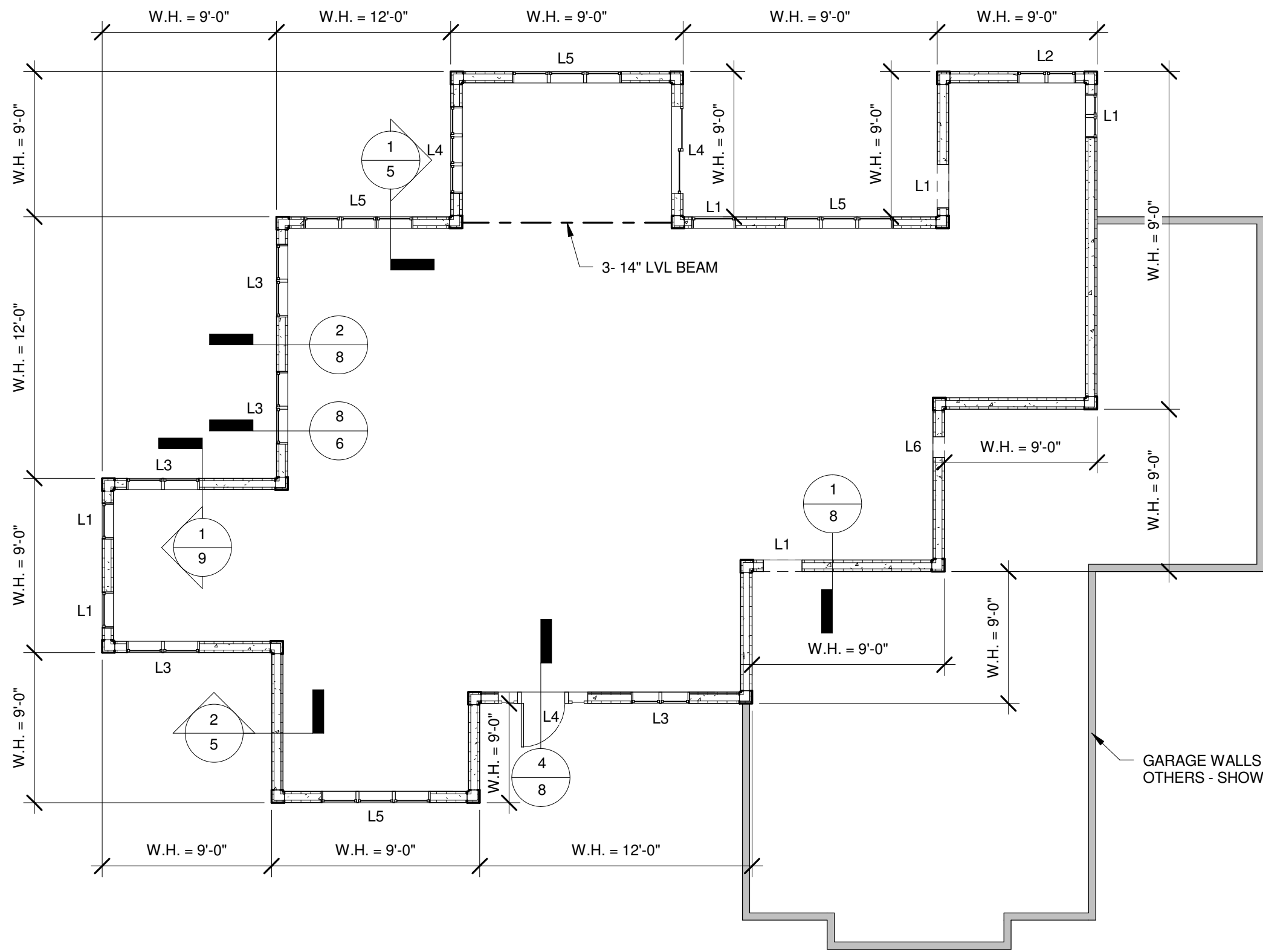
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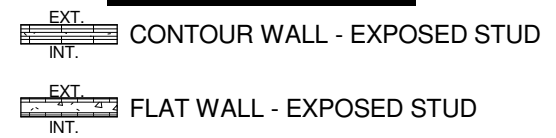
1/8" = 1'-0"

DRAWING NAME :

LAYOUT PLAN



**WALL TYPES**



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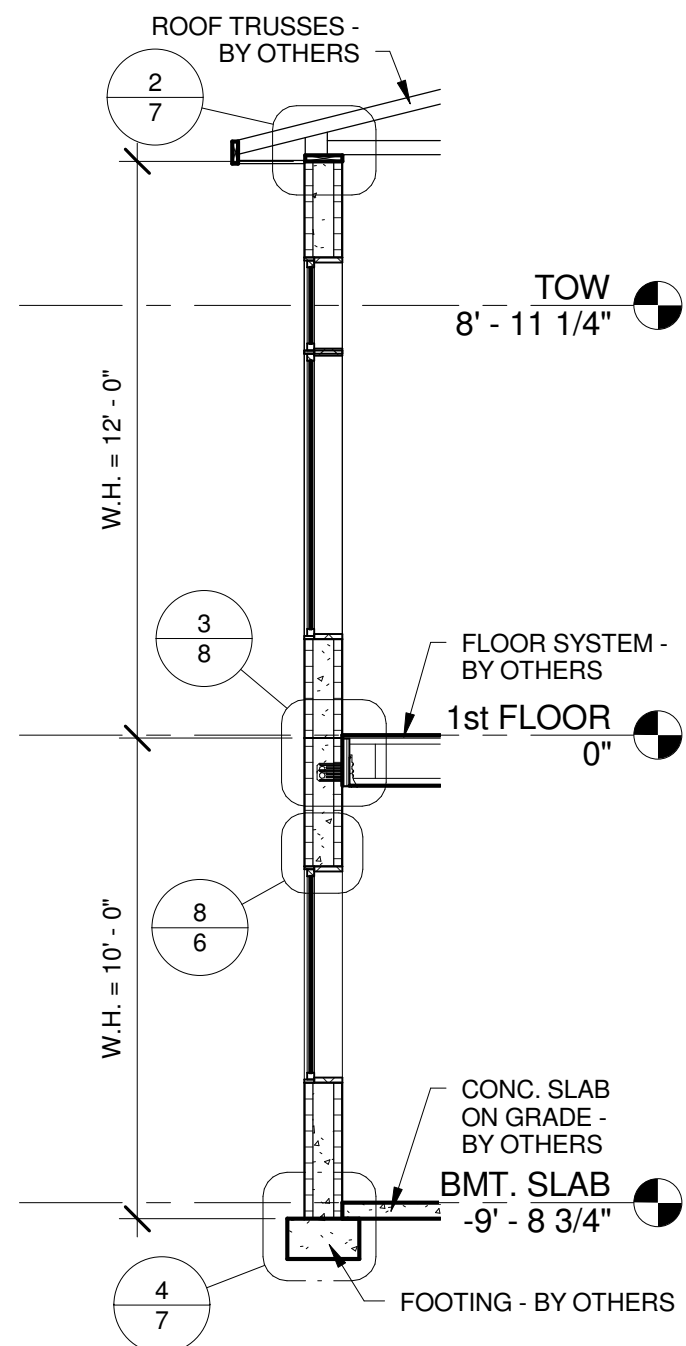
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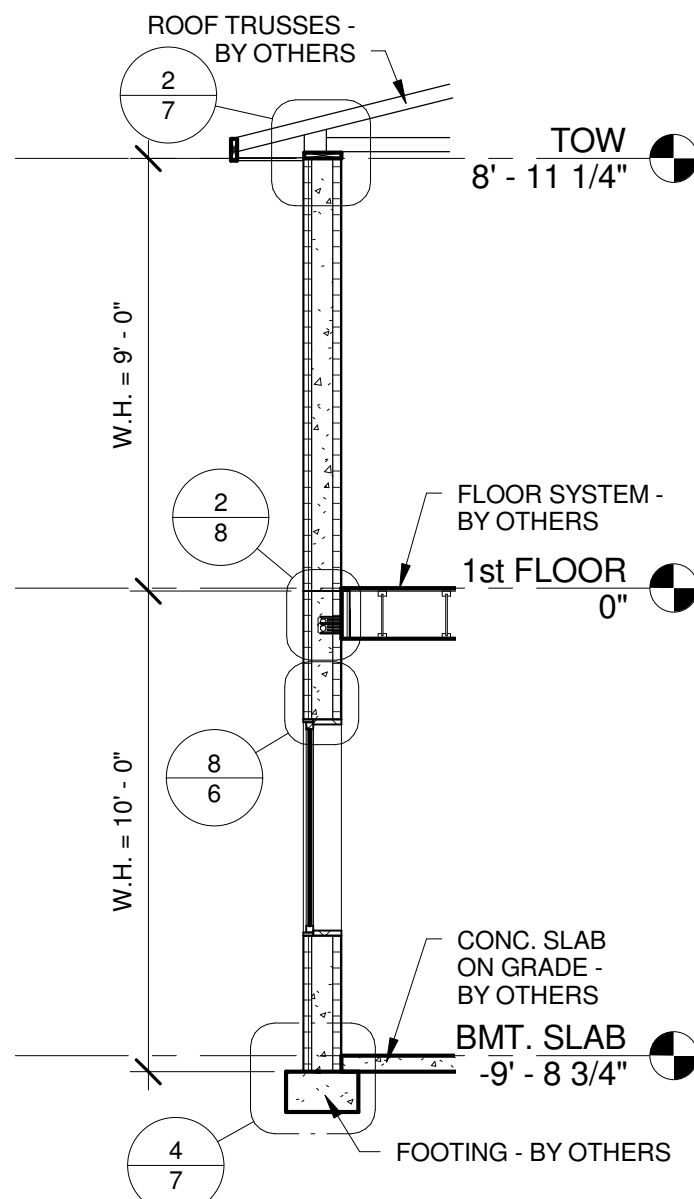
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DRAWING SCALE :  
1/8" = 1'-0"

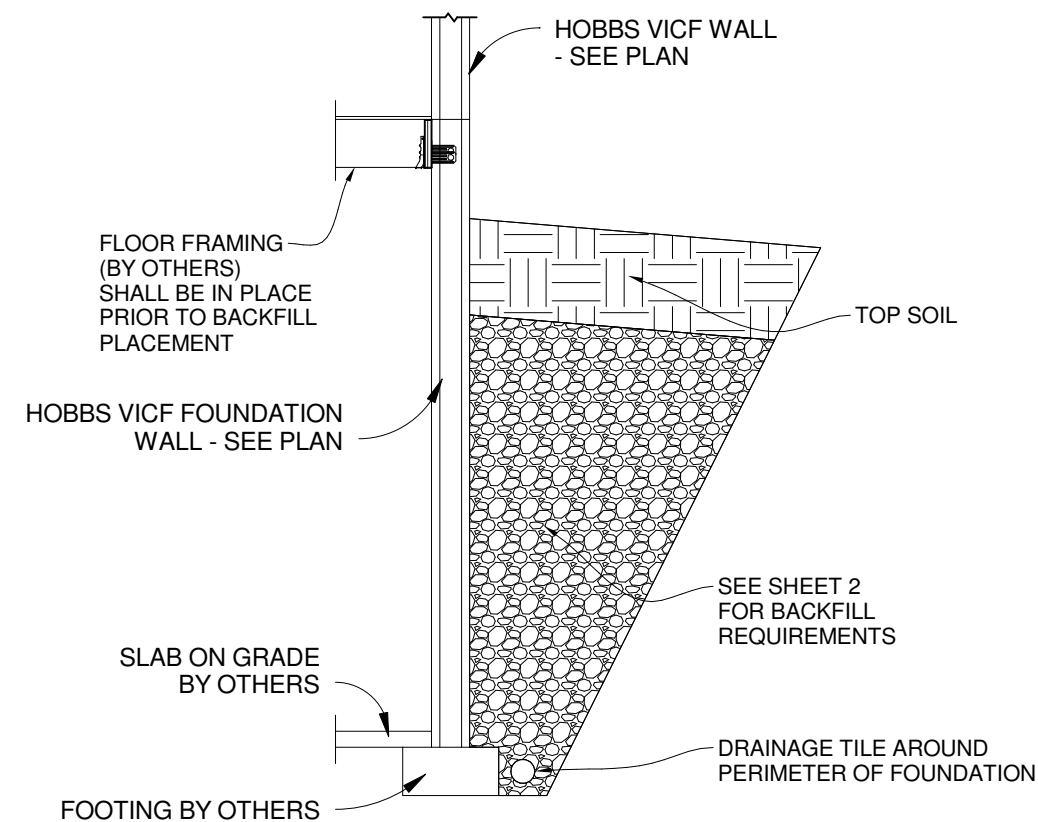
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LAYOUT PLAN



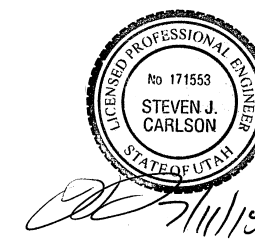
1 WALL SECTION @ RAISED PLT.  
1/4" = 1'-0"



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



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



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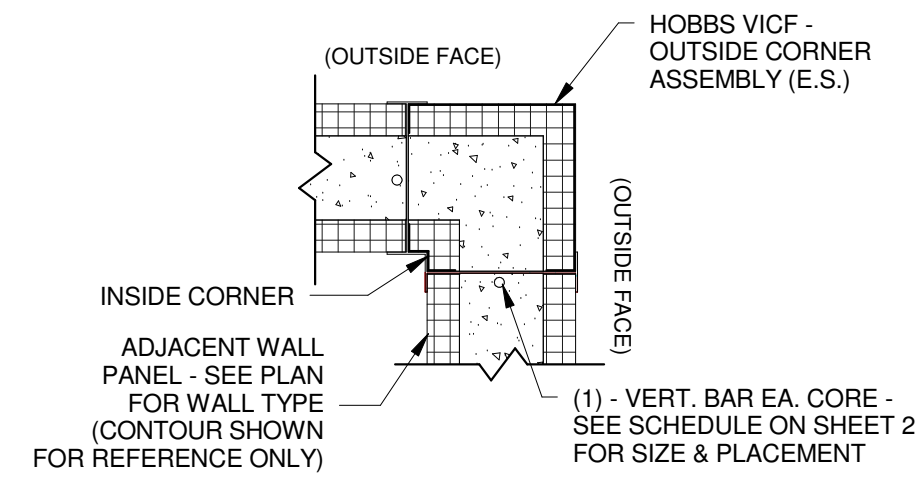
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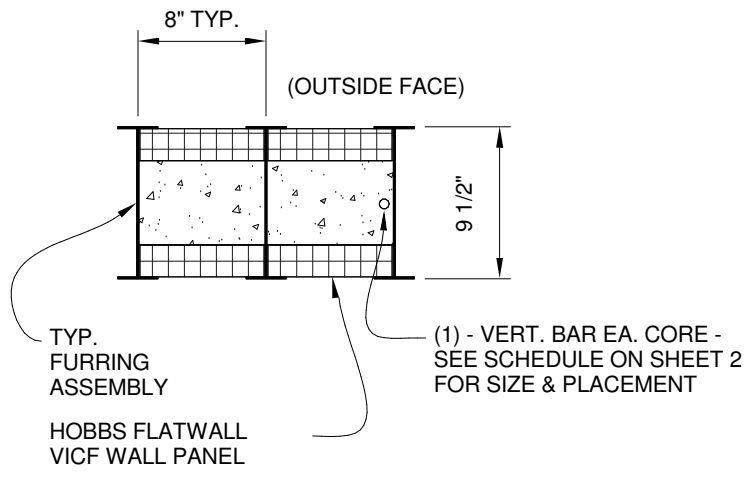
1/4" = 1'-0"

DRAWING NAME :

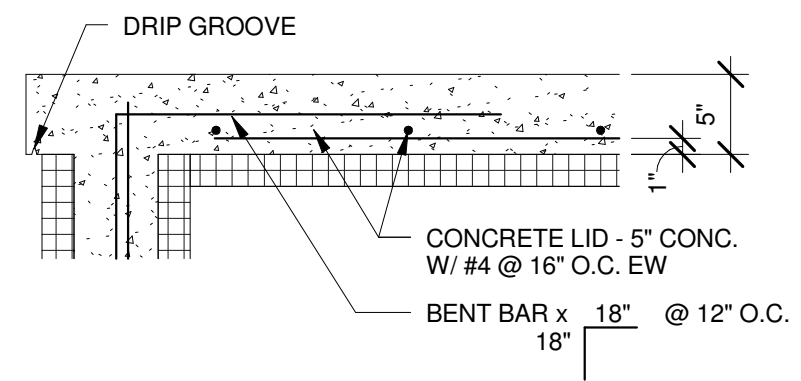
WALL SECTIONS



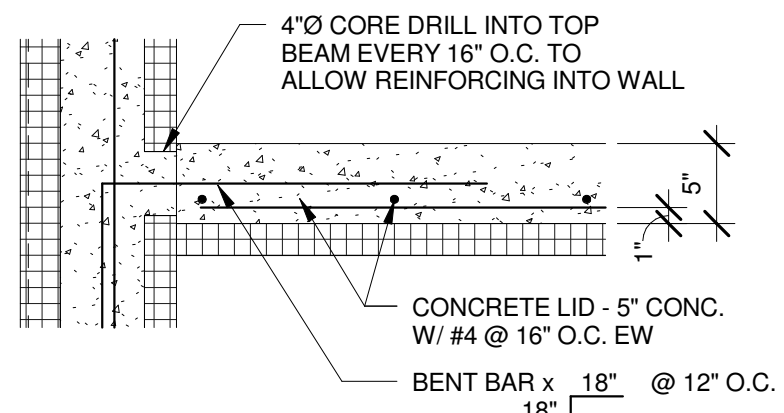
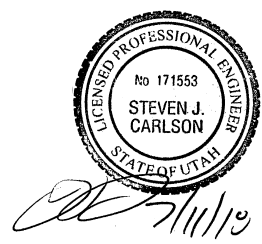
1 CORNER - EXPOSED STUD (E.S.)  
1" = 1'-0"



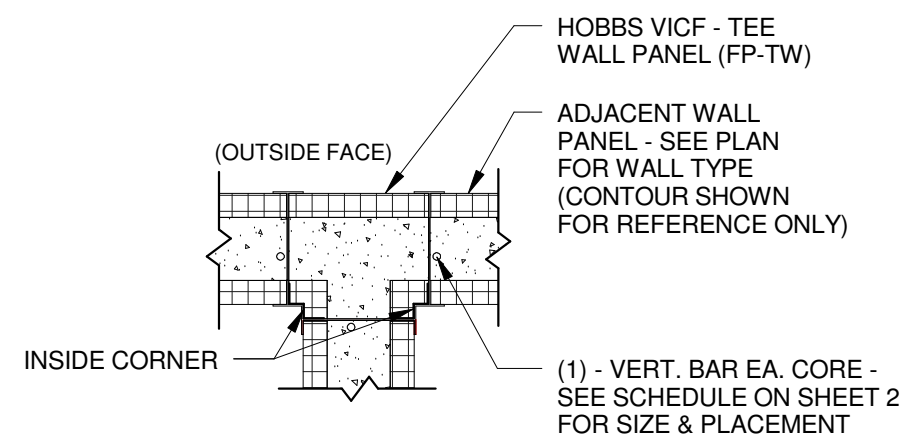
2 PLAN DETAILS  
1" = 1'-0"



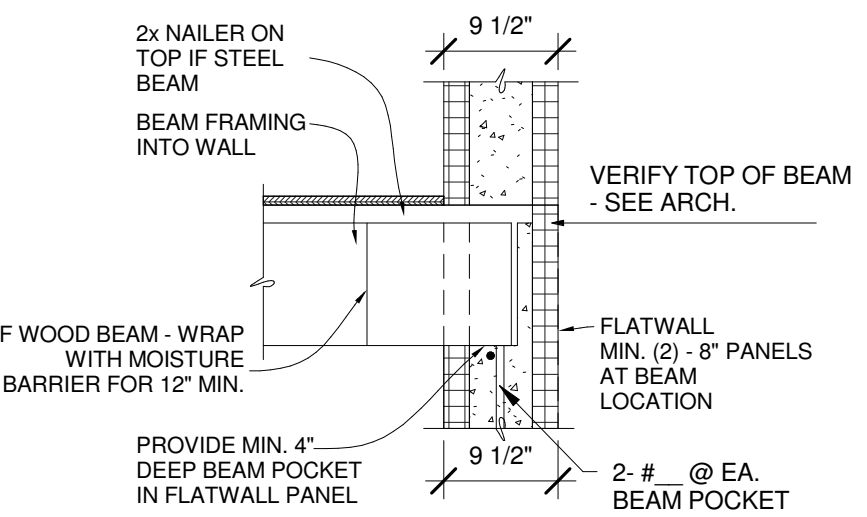
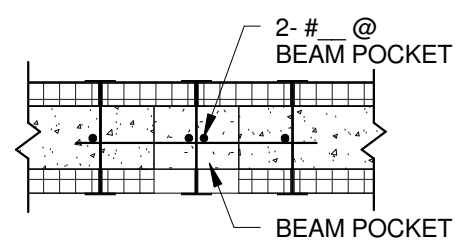
3 CONC. LID TO WALL CONNECTION @ EXT. STOOP WALL  
1" = 1'-0"



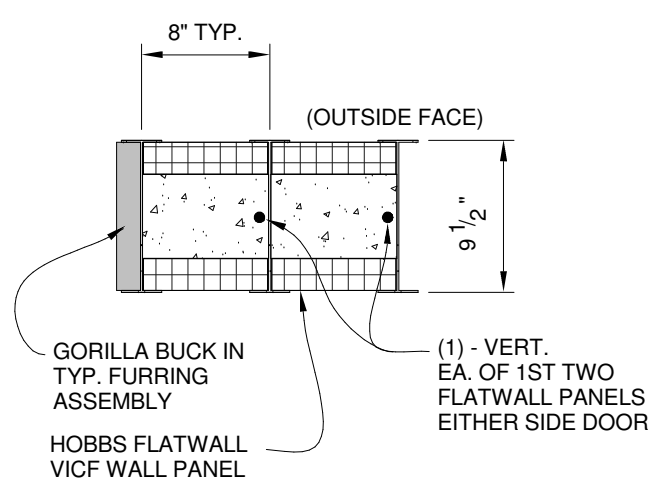
4 CONC. LID TO WALL CONNECTION @ STOOP  
1" = 1'-0"



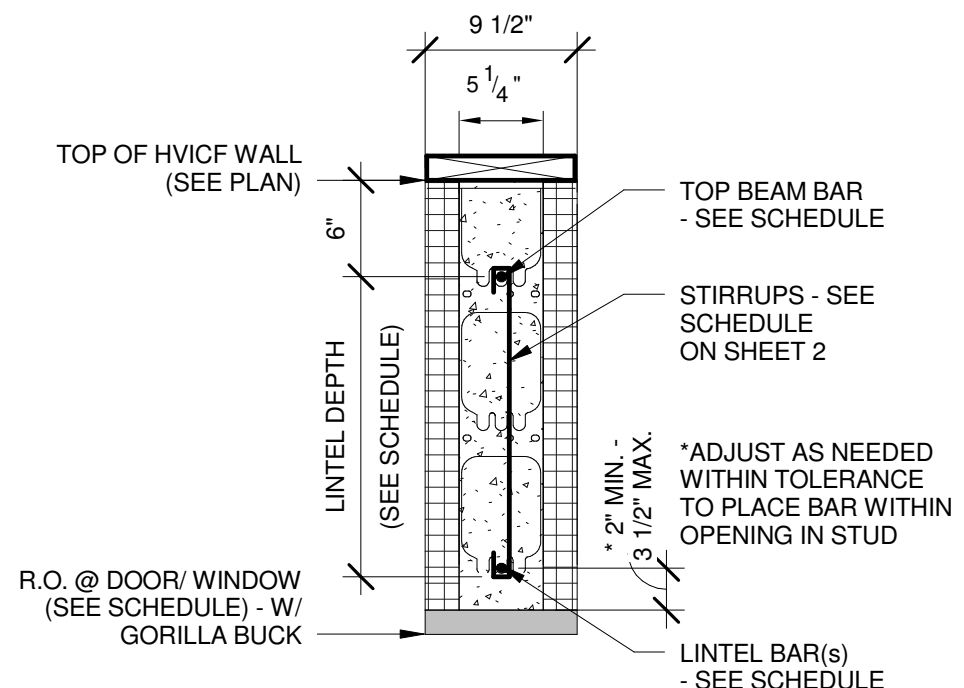
5 TEE WALL - EXPOSED STUD (E.S.)  
3/4" = 1'-0"



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



7 JAMB DETAIL  
1" = 1'-0"



8 LINTEL DETAIL @ BASEMENT  
1" = 1'-0"

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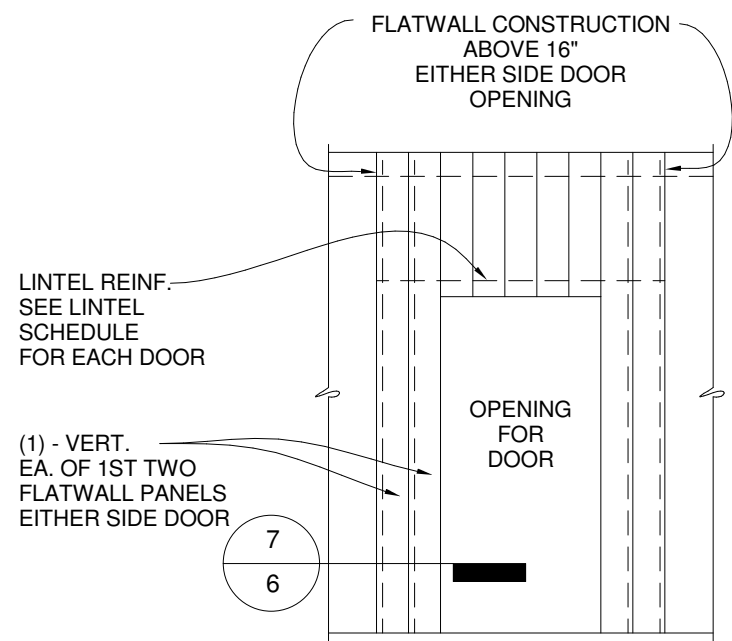
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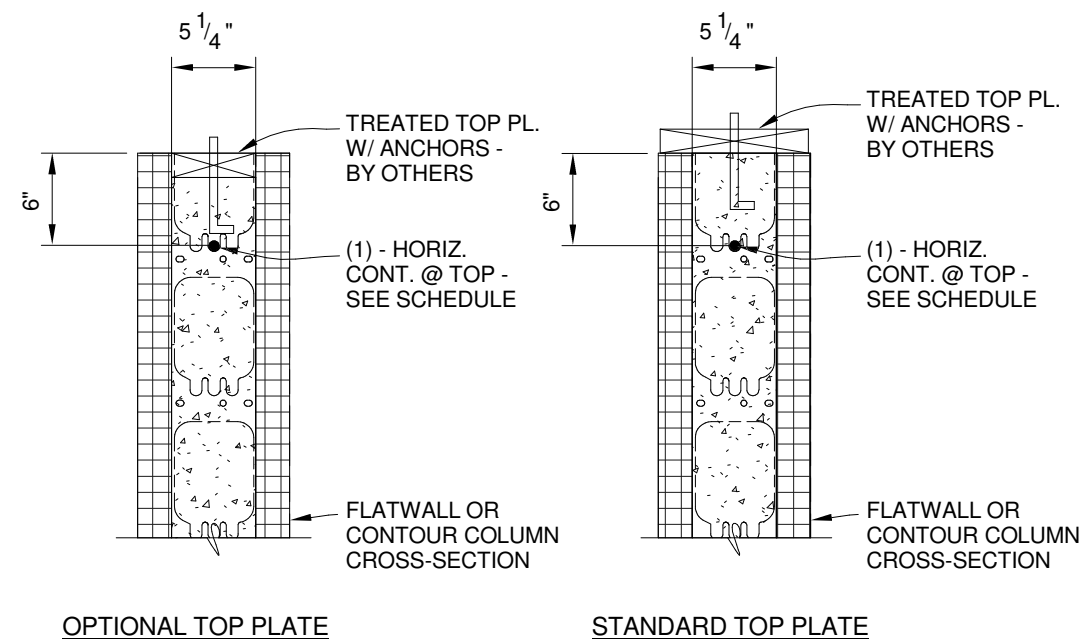
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DRAWING SCALE :  
As indicated  
DRAWING NAME :  
DETAILS

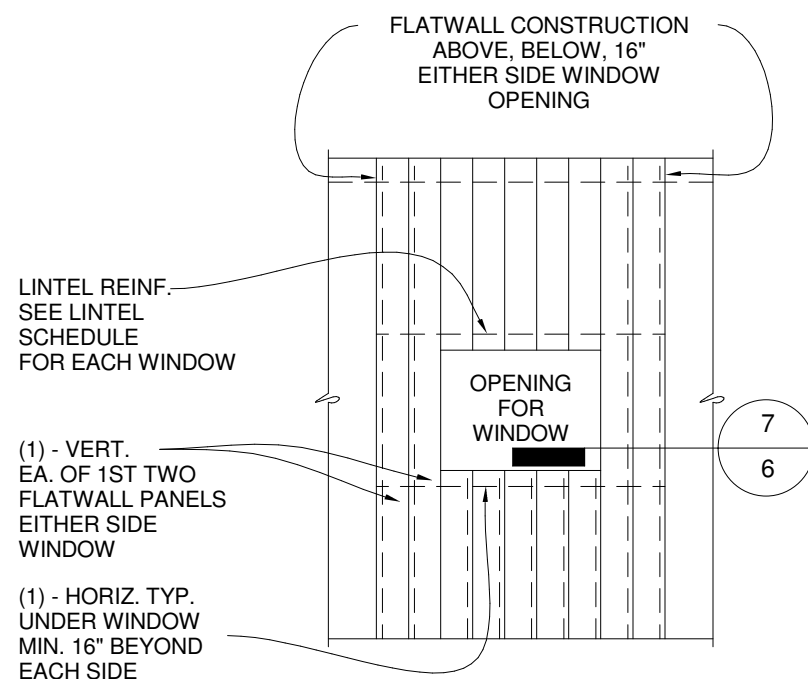


1 TYP. ELEV. @ DOOR  
1/4" = 1'-0"

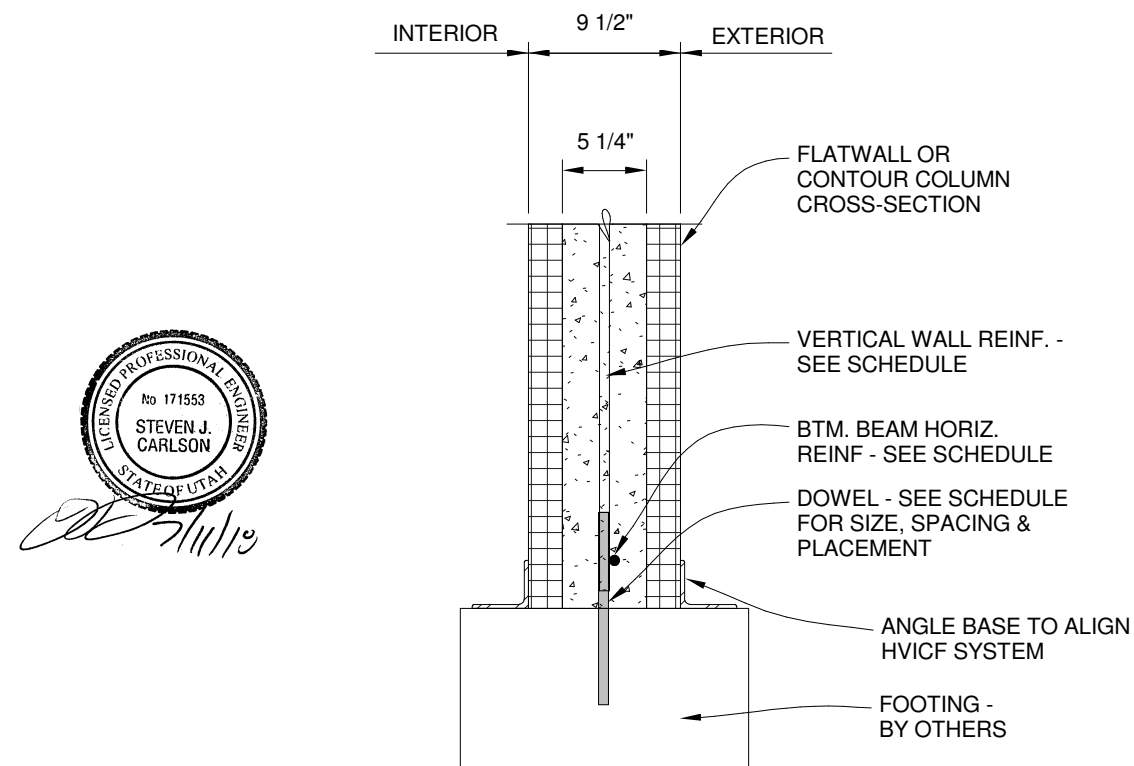


TOP PLATE NOTE: ONLY ONE TOP PLATE CONFIGURATION CAN BE USED

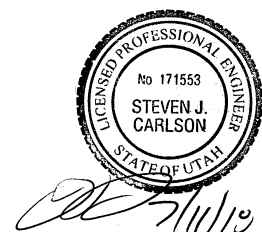
2 TOP OF WALL @ FLAT WALL  
1" = 1'-0"



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



4 BOTTOM OF WALL @ FLAT WALL  
1" = 1'-0"



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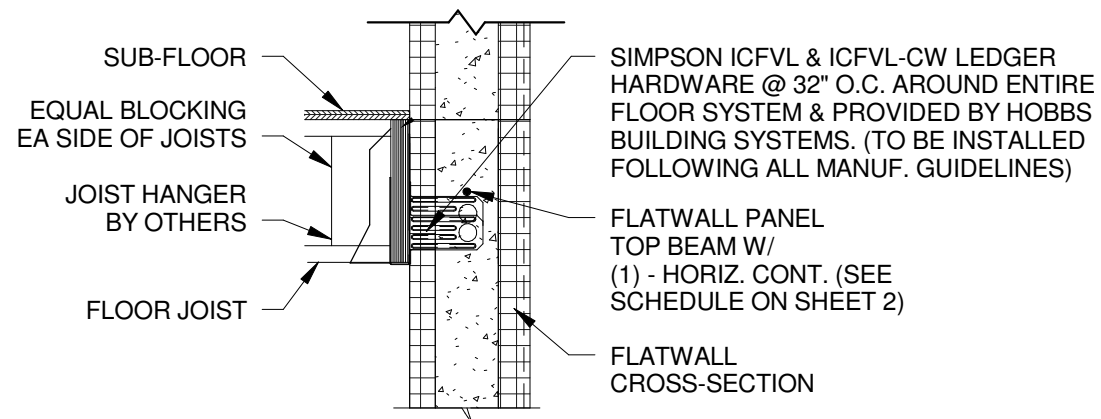
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DRAWING SCALE :

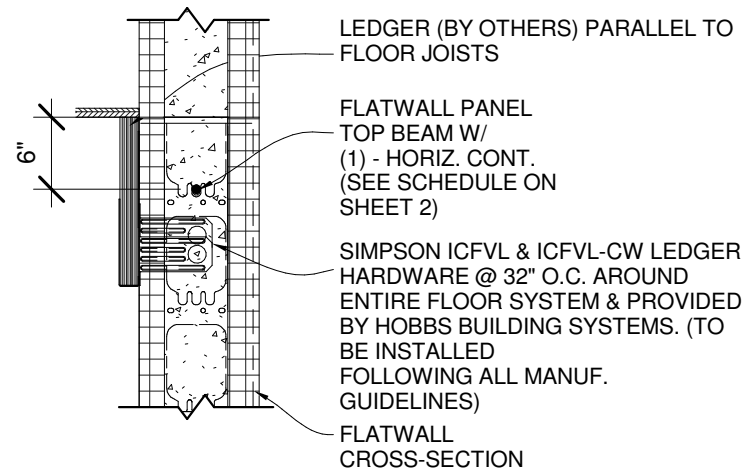
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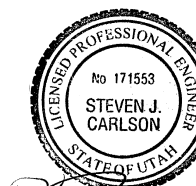
DETAILS



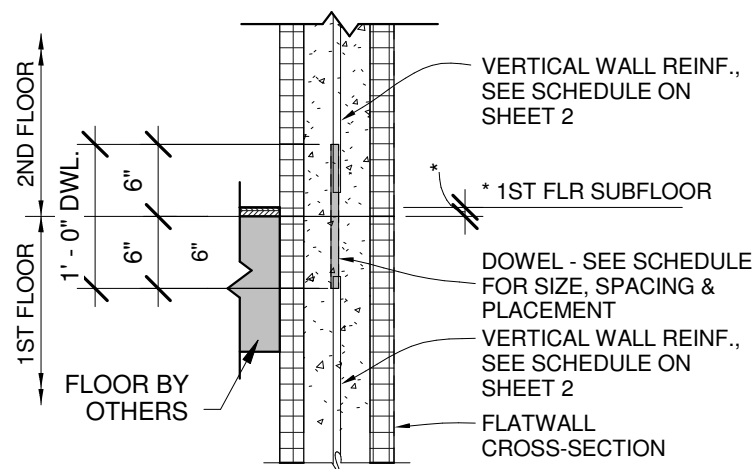
1 LEDGER BEAM - @ JOIST BEARING  
3/4" = 1'-0"



2 LEDGER BEAM - PARALLEL TO JOISTS  
3/4" = 1'-0"

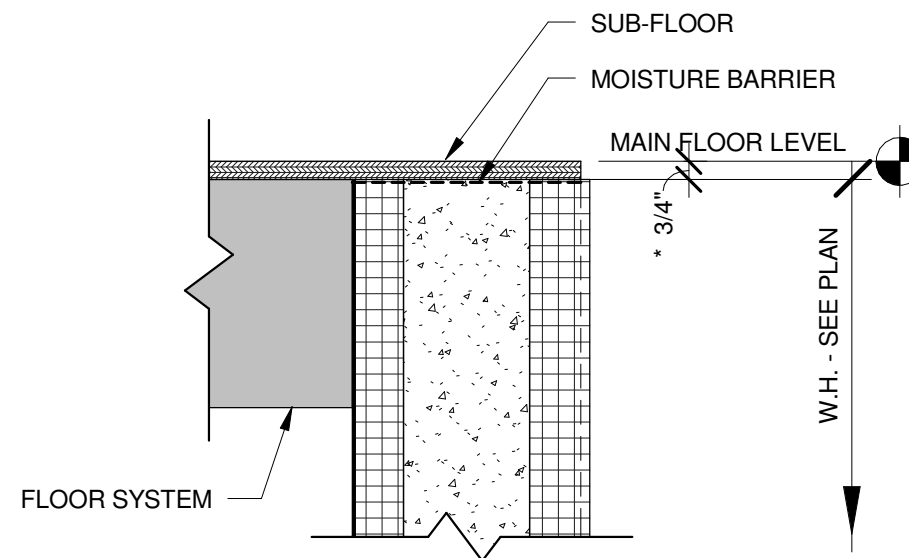


*Signature*



\* TOP OF WALL TO BE FLUSH WITH TOP OF FLOOR JOISTS

3 WALL CONNECTION - 1ST TO 2ND FLR  
3/4" = 1'-0"



**SECTION**

**NOTES:**

- TOP OF HVICF WALL = TOP OF FLOOR JOISTS
- INSTALL MOISTURE BARRIER BETWEEN SUB-FLOOR AND TOP OF WALL
- FLOOR JOISTS TO BEAR ON LEDGER OR EMBEDDED JOIST HANGER
- \*CONTRACTOR IS RESPONSIBLE FOR DETERMINING FINISH FLOOR ELEVATION

4 DOOR SILL DETAIL  
1 1/2" = 1'-0"

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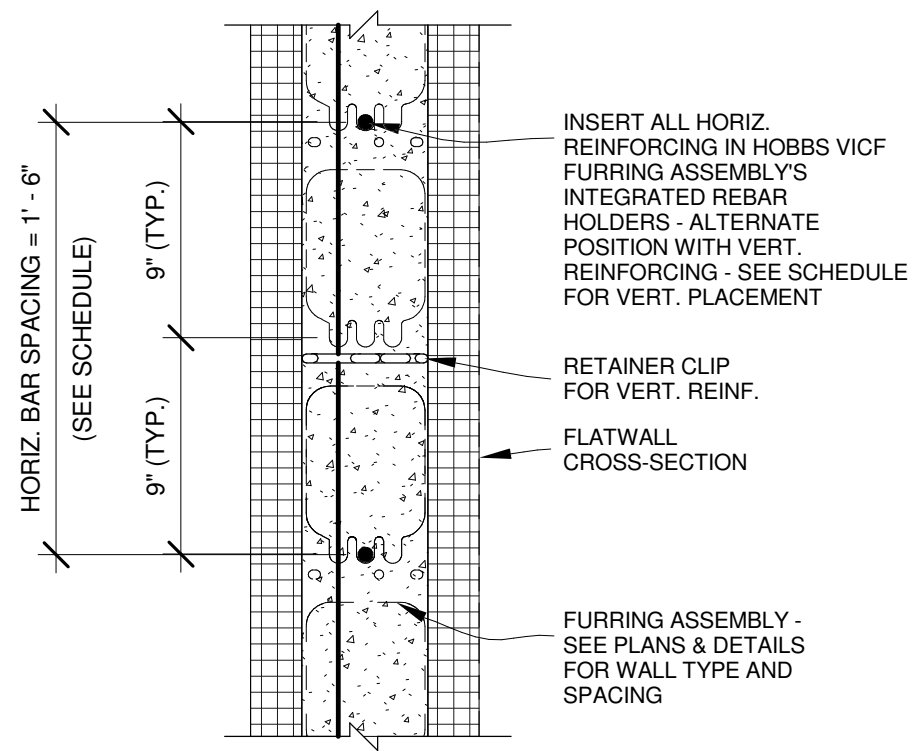
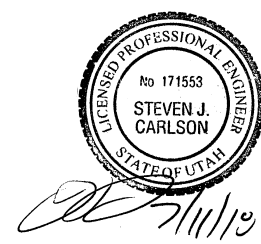
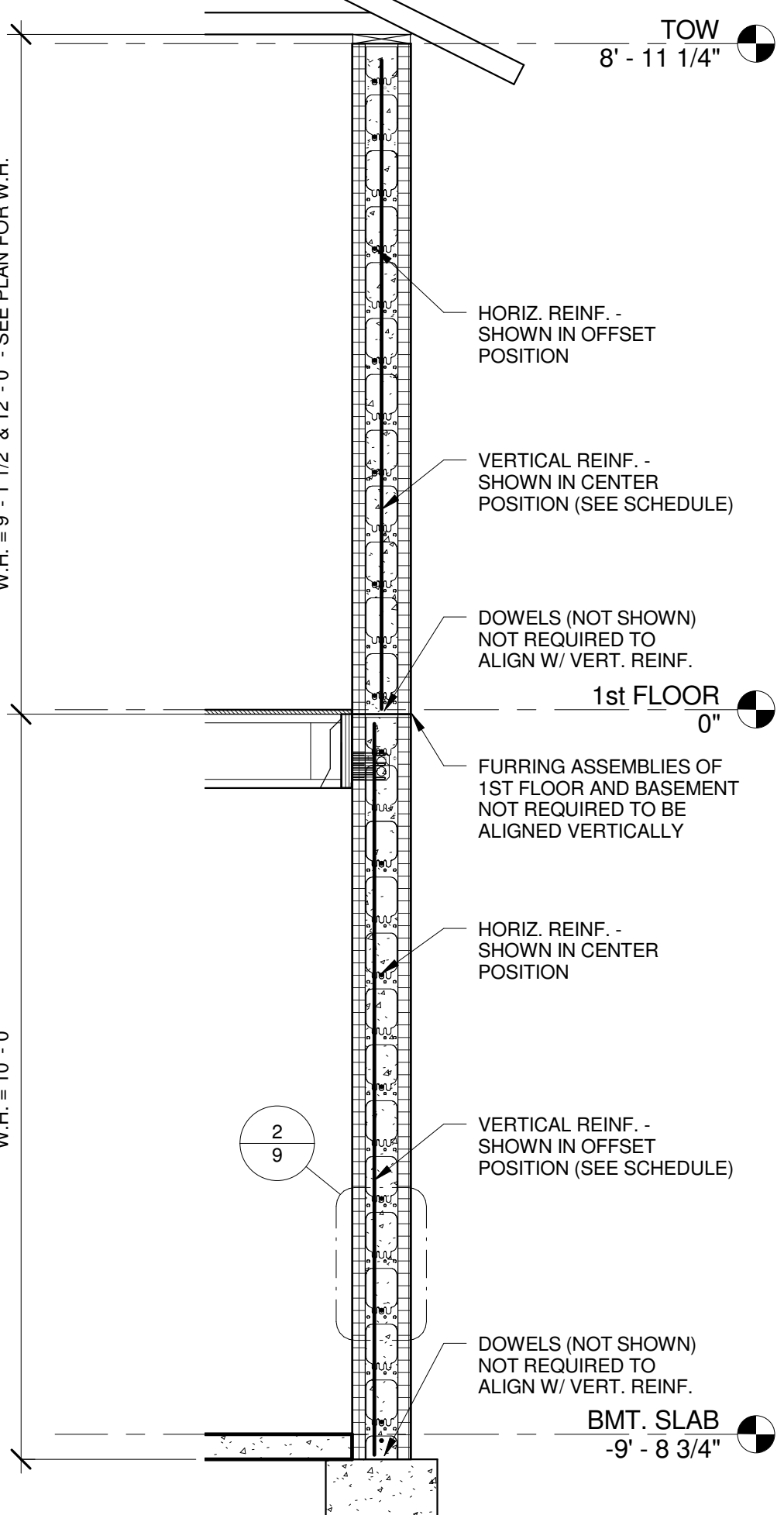
DRAWING NAME :

DETAILS



W.H. = 9' - 1 1/2" & 12' - 0" - SEE PLAN FOR W.H.

W.H. = 10' - 0"



① TYP. HORIZ. REINF.  
1/2" = 1'-0"

② HORIZ. REBAR HOLDER  
1 1/2" = 1'-0"

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