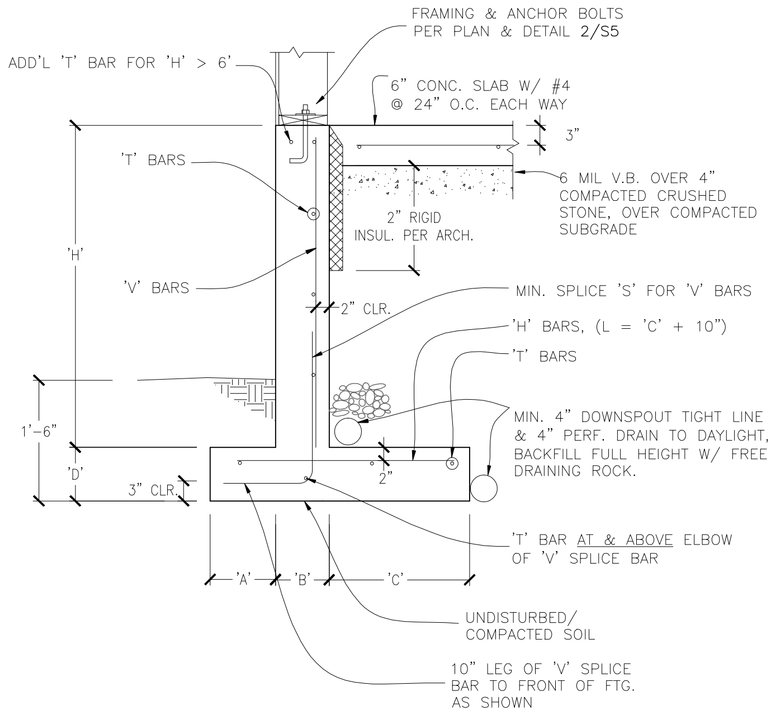


DRAWING NOT TO SCALE
SEE DIMENSIONS BELOW

GEN. NOTES
#4 BARS = GRADE 40
#5 BARS = GRADE 60
f'c = 2500 PSI
CONTROL JOINTS AT 12' O.C. OR PER OWNER

RANKINE ANALYSIS
SURCHARGE = 125 PSF (LT. MFR.)
GAMMA = 100 PCF
PHI = 30°
FRICTION COEFF. = 0.35
SOIL ALLOW. PRESS. = 2000 PSF
BACKFILL MAX. SLOPE = 5%

RETAINING WALL REINFORCING SCHEDULE

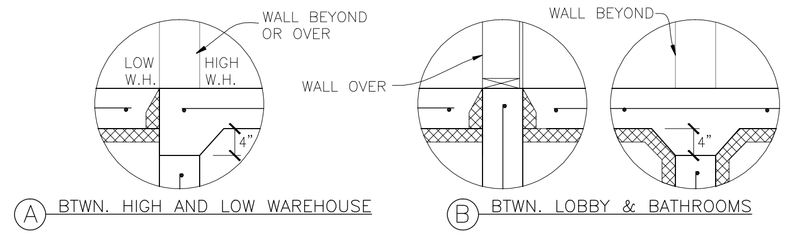
	H	A	B	C	D	'V' BARS	'T' BARS	'H' BARS	S
*	3'-4'	8"	6"	1'-2"	8"	#4 @ 15"	#4 @ 16"	#4 @ 48"	24"
	4'-6'	8"	8"	2'-0"	10"	#5 @ 16"	#4 @ 12"	#4 @ 16"	30"
**	6'-8'	8"	8"	3'-2"	10"	#5 @ 10"	#4 @ 12"	#5 @ 15"	30"

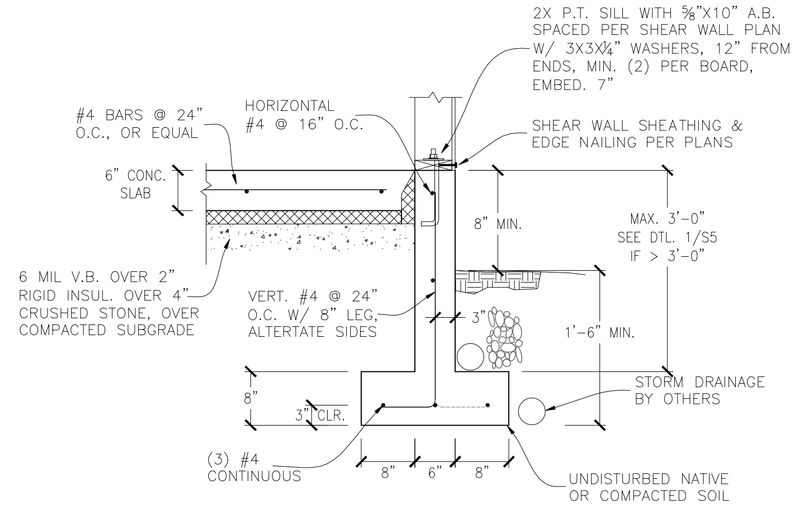
* 0'-3' WALL SECTION IS TYP. FOUNDATION DTL. 2/S5

** MAY TERMINATE THE TOP OF EVERY OTHER 'V' BAR AT ½ OF THE WALL HT.

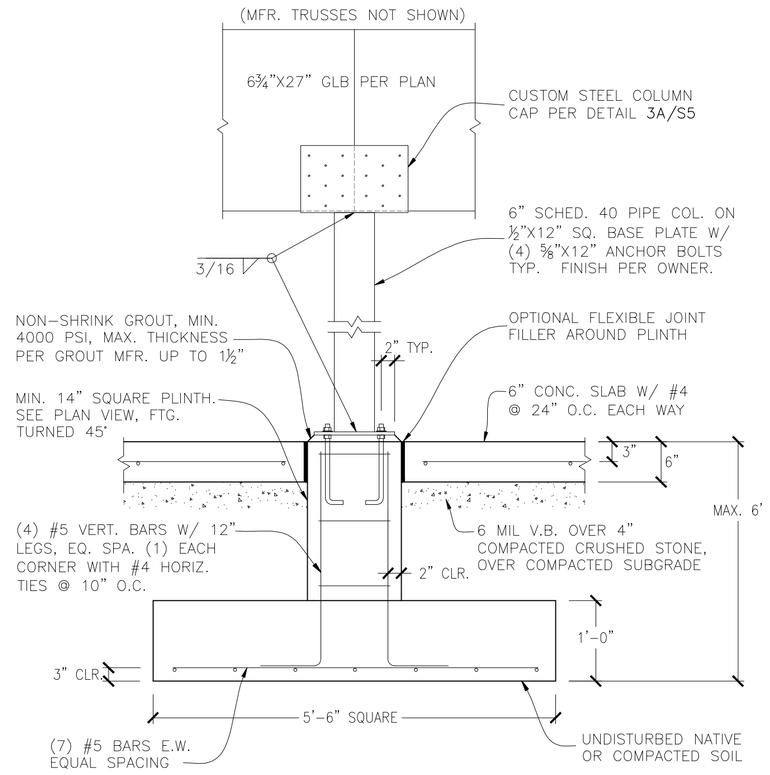
CONTACT ENGINEER TO SUBSTITUTE FEWER LARGER BARS IF WIDER SPACING IS DESIRED.

1 FOUNDATION RETAINING WALL
SCALE: NTS

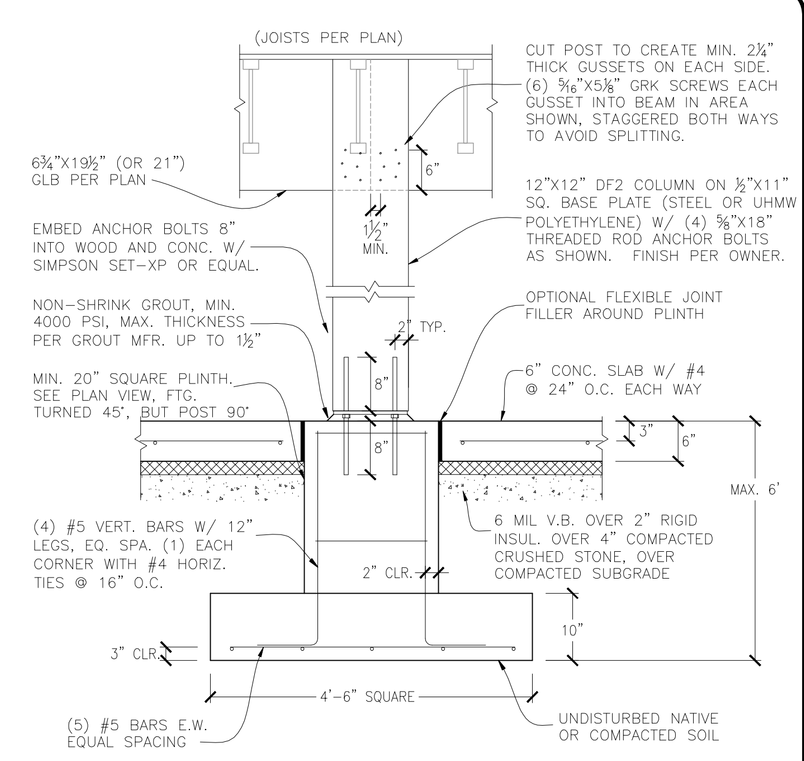




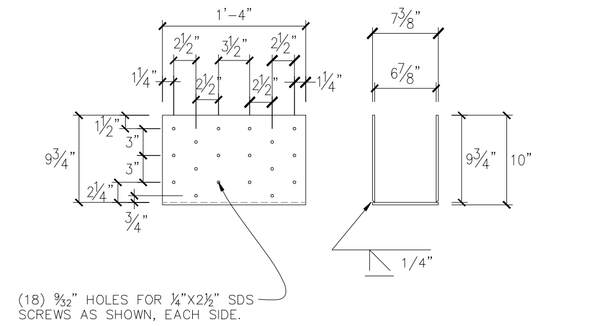
2 TYPICAL FOUNDATION
SCALE: NTS



3 TYPICAL STEEL COLUMN/FOOTING
SCALE: NTS

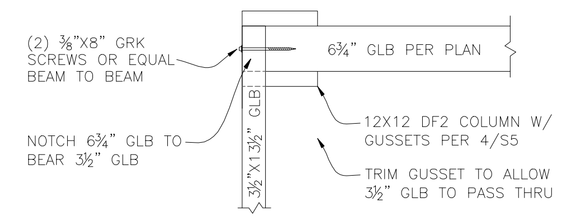


4 TYPICAL WOOD COLUMN/FOOTING
SCALE: NTS

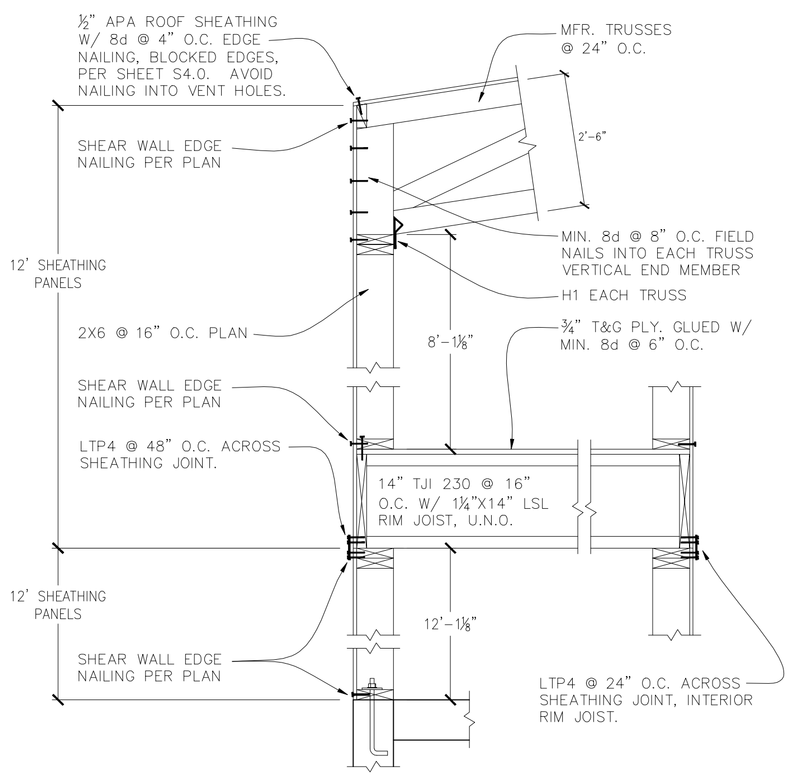


1. TOTAL (6) PIECES.
2. ALL STEEL IS ¼" THICK A36.
3. CONTRACTOR SHALL VERIFY DIMENSIONS PRIOR TO FABRICATION.

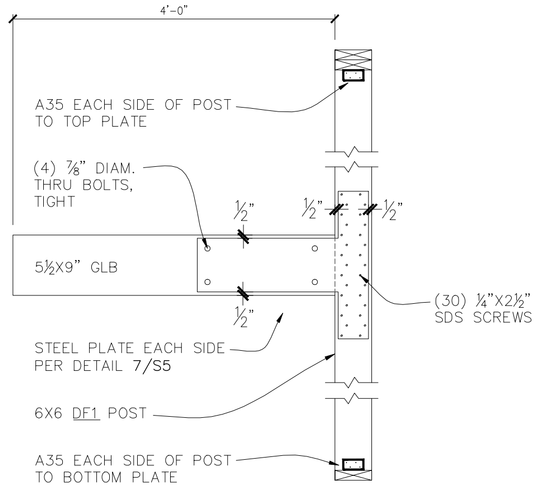
3A STEEL POST CAP
SCALE: NTS



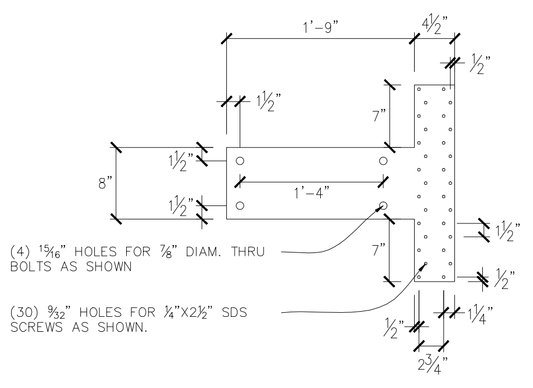
4A 2 BEAMS OVER WOOD COLUMN
SCALE: NTS



5 NORTH (& INTERIOR) SHEAR WALL SHEATHING
SCALE: NTS

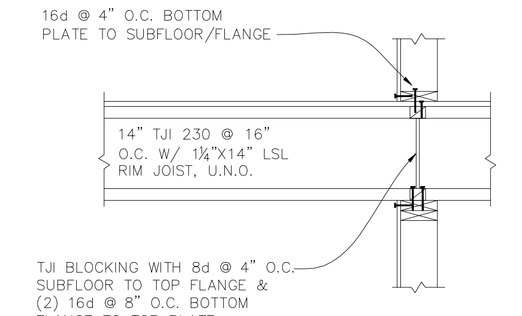


6 CANT. DECK ROOF SUPPORT
SCALE: NTS



1. TOTAL (4) PLATES.
2. ALL STEEL IS ¼" THICK A36.
3. CONTRACTOR SHALL VERIFY DIMENSIONS PRIOR TO FABRICATION.

7 CANT. DECK ROOF POST BRACKET
SCALE: NTS



8 INTERIOR SHEAR WALLS AT BATHROOMS
SCALE: NTS

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Jason@BourneEngineering.net

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STATE OF WASHINGTON
39827
REGISTERED PROFESSIONAL ENGINEER

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Warehouse & Offices
1600 Carolina St.
Bellingham, WA 98225

CLIENT:
Slab Design/Build
1208 Bay St. #102
Bellingham, WA 98225
360-303-0638

REVISIONS

#	DATE	COMMENT	BY
1	10/16/2014	REV. DTL. 2 & 3, ADDED 3A	JCB

DATE: July 21, 2014
DRAFTING: JCB
JOB: 14-014
SHEET:

S5