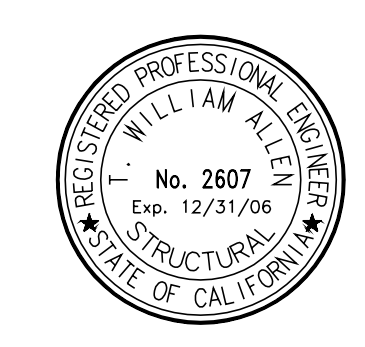




TYPICAL SHEAR WALL SCHEDULE (WSP)

	WOOD STRUCTURAL PANELS	SOLE PLATE GRADE: STRUCTURAL I	ANCHOR BOLTS
1	7/16" w/8d @ 6" (2) ONE SIDE OF WALL	16d @ 6" OR LTP4(5) @ 24"	48"
2	7/16" w/8d @ 4" (2)(3) ONE SIDE OF WALL	16d @ 4" OR LTP4(5) @ 16"	40"(4)
3	7/16" w/8d @ 3" (2)(3) ONE SIDE OF WALL	16d @ 3" OR LTP4(5) @ 12"	32"(4)
4	15/32" w/10d @ 3"(3) ONE SIDE OF WALL	3/8" X 5" LAGS @ 8" OR LTP4(5) @ 12"	24"
5	15/32" w/10d @ 2"(3) ONE SIDE OF WALL	3/8" X 5" LAGS @ 6" OR LTP4(5) @ 8"	20"
6	7/16" w/8d @ 3" (2) BOTH SIDES OF WALL(1):	3/8" X 5" LAGS @ 4" OR LTP4(5) @ 6"	16"
7	15/32" w/10d @ 3"(3) BOTH SIDES OF WALL(1):	3/8" X 5" LAGS @ 4" OR LTP4(5) @ 6"	12" (OR 3/4" @ 10")
8	15/32" w/10d @ 2"(3) BOTH SIDES OF WALL(1):	3/8" X 5" LAGS @ 3" OR LTP4(5) @ 4"	AT 12"

NOTE:
SEE FOUNDATION AND FRAMING PLANS FOR EXTENT OF SHEAR WALL TYPES.

SHEAR WALL NOTES:

- WHERE SHEATHING IS APPLIED TO BOTH SIDES OF A WALL AND NAIL SPACING IS LESS THAN 6", OFFSET PANEL JOINTS.
- IF STUD SPACING IS GREATER THAN 16", EITHER USE 15/32" WSP OR APPLY PANELS WITH LONG DIMENSION PERP. TO STUDS.
- USE 3X STUDS AT ABUTTING PANEL EDGES AND 3X FOUNDATION SILL PLATE. STAGGER NAILING. SEE "ALT. 5M PANEL JOINT" DETAIL FOR (2)-2X ALTERNATE TO 3X REQUIREMENT AT PANEL EDGES.
- FOUNDATION SILL PLATE MAY BE 2X IF ANCHOR BOLT SPACING IS REDUCED IN HALF.
- WHERE SPECIFIC DETAIL ALLOWS/REQUIRES SIMPSON LTP4, INSTALL AT LEAST ONE LTP4 IN EACH BLOCK WHERE INSTALLED PERPENDICULAR TO FRAMING.
- FIELD NAILING IN ALL CASES IS 12".
- NO PENETRATIONS IN SHEAR WALLS GREATER THAN 16" SQ. IN. PER 100 SQ. FT. IS PERMITTED WITHOUT WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.
- ANCHOR BOLTS:
ALL ANCHOR BOLTS SHALL HAVE PLATE WASHERS IN ACCORDANCE WITH SCHEDULE BELOW:
5/8" 2" SQ. X 3/16" THICK
3/4" 2" SQ. X 3/16" THICK
EQUIV. MALLEABLE WASHERS (I.E. MCMASTER-CARR #9153A035 FOR 5/8") ARE ACCEPTABLE SUBJECT TO REVIEW BY REQUEST.
- IN ADDITION TO THE ANCHOR BOLT SPACING SHOWN IN THE SHEAR WALL TABLE, THE FOLLOWING LIMITS ARE APPLICABLE:
THERE SHALL BE A MINIMUM OF TWO BOLTS PER PIECE WITH ONE BOLT NOT MORE THAN 12 INCHES OR LESS THAN 7 BOLT DIA. (4-3/8" FOR 5/8" AND 5-1/4" FOR 3/4") FROM EACH END OF THE PIECE.
- ALL CAST-IN-PLACE ANCHOR BOLTS SHALL BE EMBEDDED 7" (MINIMUM) INTO CONCRETE OR MASONRY.

ROOF DIAPHRAGM:

ROOF SHEATHING SHALL BE 19/32" WSP CDX w/ 10d @ 6" (BN) - 6" (EN) - 12" (FN), BLOCKED (2X FLAT BLK'G), PH 24/0
TOP PLATE SPLICE - USE SIMPSON CMSTC16 PER (3) (UNO)

AT BALLOON FRAMING:
LEDGER - 2X8 #2DF
SPLICE - USE CMSTC16 PER (10) (502)

NAIL TABLE

FOR THE PURPOSES OF THE DETAILS SHOWN ON THESE DRAWINGS, THE FOLLOWING NAIL SIZES ARE REQUIRED:

NAIL	DIA.	7/16"	15/32"	19/32"	3/4"	1-1/8"	1-1/2"
16d	0.162"	2-1/2"	2-1/2"	2-5/8"	2-3/4"	3-1/8"	3-1/2"
10d	0.148"	2-1/4"	2-3/8"	2-1/2"	2-5/8"	3"	-
8d	0.131"	2-1/8"	2-1/8"	2-1/4"	2-3/8"	-	-

NAILS USED FOR ATTACHING HARDWARE (STRAPS, ETC.) SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

FRAMING NOTES & LEGEND:

RS-"x"
FB-"x"
B-"x"

REFERS TO BEAM DESIGN IN STRUCTURAL CALCULATIONS

ROOF RAFTERS OR FLOOR JOISTS
16 TJI L65 ROOF JOISTS @ 24" (UNO)

CEILING/SOFFIT JOISTS
2X6 #2DF @ 16" (UNO ON FRAMING PLANS)

(C+0) INDICATES STANDARD (R = 2,000 FT.) UP ().
(C-0) INDICATES NO CAMBER.

P-"x"
REFERS TO WOOD POST DESIGN IN STRUCTURAL CALCULATIONS.

C-"x"
REFERS TO STEEL COLUMN DESIGN IN STRUCTURAL CALCULATIONS.

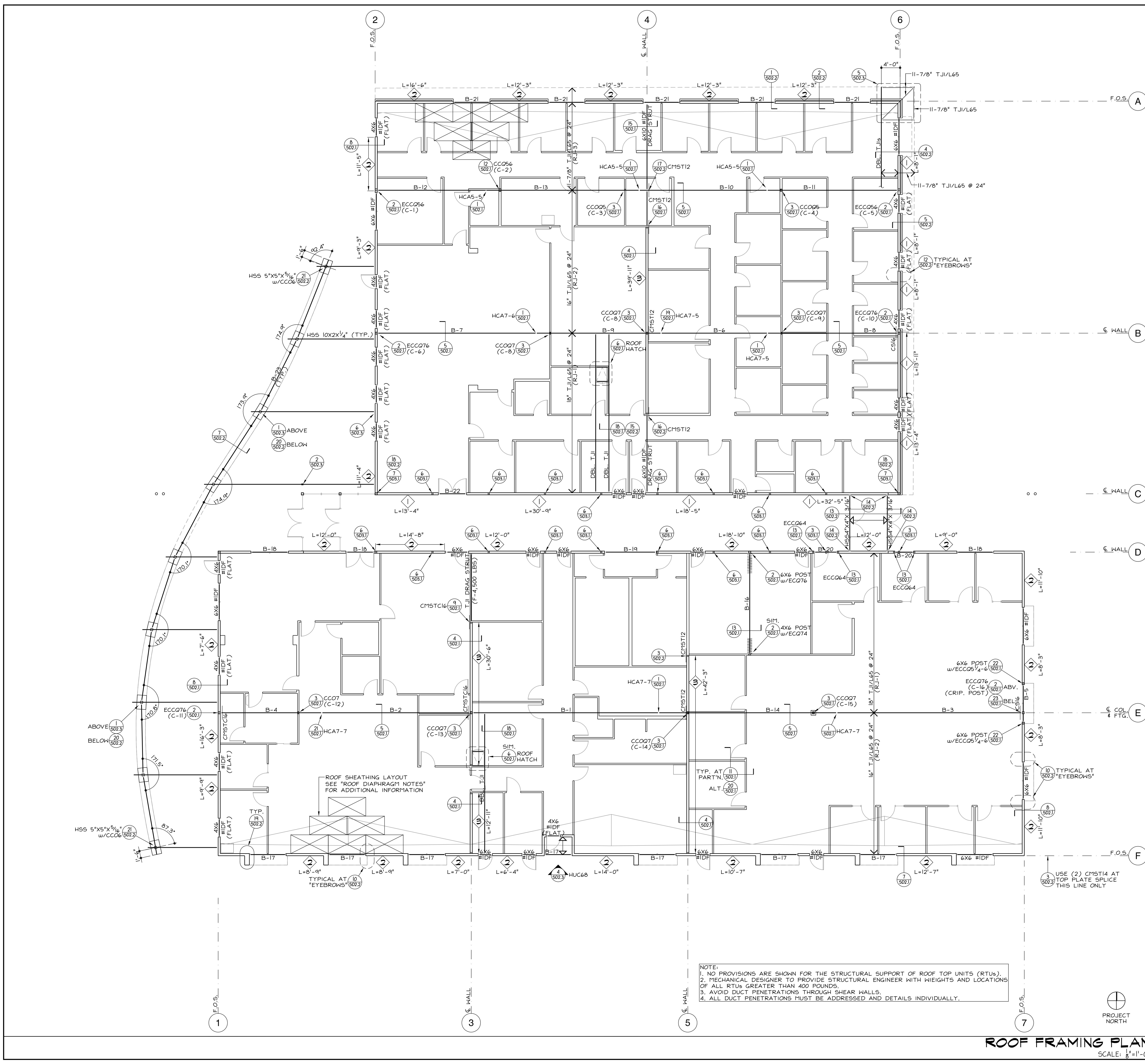
DESIGN LENGTH OF SHEAR WALL (MAY BE LESS THAN PHYSICAL DIMENSION BUT NOT GREATER)
SHEAR WALL SPECIFICATION PER SHEAR WALL SCHEDULE

WALL BELOW FRAMING AT LEVEL SHOWN
(WALL ABOVE AT FIRST FLOOR)

CAL. FILL FRAMING
2X4 #2DF @ 16" (UNO)

MARK	SPECIFICATION	MARK	SPECIFICATION
B-1	6 3/4" X 28 1/2" 24F-V4 GLB	B-15	5 1/8" X 27" 20F-V12 GLB*
B-2	6 3/4" X 28 1/2" 24F-V4 GLB	B-16	6 3/4" X 18" 24F-V4 GLB
B-3	6 3/4" X 28 1/2" 24F-V4 GLB	B-17	6X8 HIDF
B-4	6 3/4" X 19 1/2" 24F-V8 GLB	B-18	6X8 HIDF
B-5	5 1/2" X 11 1/2" 2.0 PSL	B-19	6X12 HIDF
B-6	6 3/4" X 18" 24F-V4 GLB	B-20	6X8 HIDF
B-7	6 3/4" X 24" 24F-V4 GLB	B-21	6X8 HIDF
B-8	6 3/4" X 18" 24F-V8 GLB	B-22	6X8 HIDF
B-9	6 3/4" X 24" 24F-V8 GLB	B-23	6X12 HIDF
B-10	5 1/8" X 18" 24F-V4 GLB		
B-11	5 1/8" X 18" 24F-V8 GLB		
B-12	5 1/8" X 18" 24F-V4 GLB		
B-13	5 1/8" X 18" 24F-V8 GLB		
B-14	6 3/4" X 28 1/2" 24F-V8 GLB		

* ALASKAN YELLOW CEDAR (AC)



ROOF FRAMING PLAN BEAM SCHEDULE
SCALE: 1/8"=1'-0"