



48  
S0.3  
FRAMING PLAN - 3RD FLOOR  
1/4" = 1'-0"

SHEAR WALL SCHEDULE					
SHEAR WALL TYPE	SHEATHING TYPE	PANEL EDGE NAILING	FIELD NAILING	ANCHORAGE	ALLOWABLE WIND SHEAR CAPACITY
SW1	7/16" WSP	4"	12"	(5/8" Ø @ 40" O.C. - AT CONCRETE) - (0.131" X 3" LONG NAILS @ 3" OC - AT WOOD)	335 PLF
SW2	7/16" WSP	4"	12"	(5/8" Ø @ 32" O.C. - AT CONCRETE) - (0.131" X 3" LONG NAILS @ 3" OC - AT WOOD)	490 PLF
SW3	7/16" WSP	3"	12"	(5/8" Ø @ 24" O.C. - AT CONCRETE) - (0.131" X 3" LONG NAILS @ 3" OC - AT WOOD)	630 PLF
SW4	15/32" WSP	3"	12"	(5/8" Ø @ 24" O.C. - AT CONCRETE) - (0.148" X 3" LONG NAILS @ 2" OC - AT WOOD)	840 PLF
SW5	15/32" WSP	2"	12"	(5/8" Ø @ 24" O.C. - AT CONCRETE) - (0.148" X 3" LONG NAILS @ 2" OC - AT WOOD)	991 PLF
SW6	5/8" GYP WALLBOARD	7"	12"	(5/8" Ø @ 48" O.C. - AT CONCRETE) - (0.131" X 3" LONG NAILS @ 3" OC - AT WOOD)	115 PLF
SW7	5/8" GYP WALLBOARD	4"	12"	(5/8" Ø @ 48" O.C. - AT CONCRETE) - (0.131" X 3" LONG NAILS @ 3" OC - AT WOOD)	145 PLF

- SHEAR WALL NOTES:**
- ALL FASTENERS FOR WOOD STRUCTURAL PANEL SHALL BE FLAT HEAD NAILS CONSISTING OF THE FOLLOWING UNO:
    - A. 0.131" Ø X 2 1/2" LONG
    - B. 0.148" Ø X 3" LONG
  - FASTENERS FOR GYPSUM WALLBOARD SHALL BE ONE OF THE FOLLOWING:
    - A. 6d COOLER NAILS (0.092" X 1 7/8" LONG, 1/4" HEAD)
    - B. WALLBOARD NAIL (0.0912" X 1 7/8" LONG, 1/4" HEAD)
    - C. 0.120" NAIL X 1-3/4" LONG, MIN 3/8" HEAD
  - NO. 6 TYPE S OR W DRYWALL SCREWS 1-1/4" LONG
  - ANCHORS INTO CONCRETE SHALL EITHER BE CAST-IN-PLACE J-BOLTS OR ADHESIVE ANCHORS WITH A MINIMUM EMBEDMENT OF 8". THE CONTRACTOR SHALL SUBMIT PROPOSED ADHESIVE ANCHOR ASSEMBLY FOR APPROVAL.
  - ALL PANEL EDGES SHALL BE BLOCKED.
  - WSP = WOOD STRUCTURAL PANEL. REF GENERAL NOTES FOR SPECIFICATIONS.
  - IF WALL IS SHEATHED ON BOTH SIDES, THEN SILL PLATE ANCHORAGE AND CONNECTION OF BOTTOM PLATE TO TOP PLATE SHALL BE DOUBLED.
  - PANELS MUST BE INSTALLED DIRECTLY TO FRAMING.
  - VALUES CALCULATED ARE FOR SOUTHERN PINE OR DOUGLAS-FIR LARCH FRAMING. CONTACT FOR IF OTHER SPECIES ARE USED.
  - PROVIDE 1/8" WIDE JOINTS IN SHEATHING TO ALLOW FOR SHRINKAGE AND EXPANSION OF THE PANELS.

SHEARWALL HOLDDOWNS AT ELEVATED FLOOR				
TYPE MARK	HOLD-DOWN HARDWARE	END LENGTH (IN)	FASTENERS	ALLOWABLE TENSION LOAD (LBF)
ST1	(1) SIMPSON CS18	12"	((11) 0.131 X 2 1/2" NAILS	(2) - 2X 1,370
ST2	(2) SIMPSON CS18	12"	((11) 0.131 X 2 1/2" NAILS	(2) - 2X 2,740
ST3	(2) SIMPSON CS14	19"	((18) 0.131 X 2 1/2" NAILS	(3) - 2X 4,980

- SHEARWALL & HOLD-DOWN NOTES:**
- MULTIPLE PLIES OF END POSTS SHALL BE FASTENED TOGETHER PER THE MECHANICALLY BUILT-UP COLUMN NAILED DETAIL.
  - REFERENCE DETAIL 6A/S4.2 FOR TYPICAL HOLD-DOWN CONFIGURATIONS.

BEAM SCHEDULE					
BEAM TAG	BEAM SIZE	STUD PACK - NUMBER OF STUDS	FACE-MOUNT HANGER	TOP-FLANGE HANGER	NOTE NUMBER
B226	(3)2X6	2	LUS26-2	HU26-2TF	1,2,3,4,6,7,8,9
B328	(3)-2X8	2	LUS26-3	HUS48TF	1,2,3,4,6,7,8,9
B3212	(3)-2X12	3	HU210-3	HU212-3TF	1,2,3,4,6,7,8,9
B411	GL - 3 1/2" X 11 1/4"	3	HU5410	HB3.56/11.25	3,4,5,6,7,8,9

- BEAM LEGEND NOTES:**
- MULTIPLE PLY DIMENSIONAL LUMBER BEAMS SHALL RECEIVE 1/2" PLYWOOD SHEATHING. SEE TYPICAL DETAIL.
  - FOR NAILING BUILT-UP BEAMS REFER TO DETAIL 2A/S4.0
  - FOR KING AND JACK STUD REQUIREMENTS FOR EXTERIOR HEADERS REFER TO DETAIL 4C/S4.1
  - FOR KING AND JACK STUD REQUIREMENTS IN INTERIOR HEADERS REFER TO DETAIL 5B/S4.1
  - BEAMS SHALL BE ANTHONY POWER BEAM GLUE LAMINATED BEAMS OR APPROVED EQUAL
  - STUD PACKS ARE REQUIRED WHEN BEAM IS BEARING ON A WALL ASSEMBLY. STUD PACKS MUST CONTINUE ALL THE WAY TO THE FOUNDATION UNLESS TRANSFERRED BY A BEAM.
  - ALL STUDS IN STUD PACK SHALL BE NO. 2 SOUTHERN PINE OR BETTER.
  - SHEATHING AND/OR DRYWALL MUST BE ATTACHED TO EACH INDIVIDUAL STUD IN THE STUD PACK.
  - ALL STUDS IN STUD PACK MUST BE FASTENED PER MECHANICALLY LAMINATED BUILT-UP COLUMN-NAILED - REFER TO 6A/S4.1

WALL STUD SCHEDULE				
TOP OF WALL	MAX PLATE HT	EXTERIOR WALL	INTERIOR NON-LOAD BEARING	PARTY WALL
ROOF	8" - 11 5/8"	2X4 NO.2 @ 16" O.C.	2X4 STUD @ 16" O.C.	2X4 STUD @ 16" O.C.
3RD	10" - 8"	2X4 NO.2 @ 16" O.C.	2X4 STUD @ 16" O.C.	2X4 STUD @ 12" O.C.
2ND	10" - 9/8"	2X4 NO.2 @ 16" O.C.	2X4 STUD @ 16" O.C.	2X4 STUD @ 8" O.C.

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