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S0.2 FRAMING PLAN - 2ND 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 @ 2" 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	HOLDDOWN HARDWARE	END LENGTH (IN)	FASTENERS	END POST	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	2740
ST3	(2) SIMPSON CS14	19"	(18) 0.131 X 2 1/2" NAILS	(3) - 2X	4780

- SHEARWALL & HOLDDOWN 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 HOLDDOWN 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	HU548TF	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 NAILED 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 @ 14" O.C.
3RD	10" - 8"	2X4 NO.2 @ 16" O.C.	2X4 STUD @ 16" O.C.	2X4 STUD @ 12" O.C.
2ND	10" - 9 5/8"	2X4 NO.2 @ 16" O.C.	2X4 STUD @ 16" O.C.	2X4 STUD @ 8" O.C.

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Description: Progress Set