SHEAR WALL TYPE SCHEDULE

SHEAR WALL TYPE	SHEATHING				EDGE NAILING (2) (5) (4) (5) (6)	FIELD NAILING (2) (5) (4) (5)	BLOCKED PANEL EDGES	BASE PLATE NAILING	BASE PLATE ANCHORAGE EXTERIOR SHEAR WALLS	BASE PLATE ANCHORAGE INTERIOR SHEAR WALLS	
									EPOXY ANCHOR	EPOXY ANCHOR	EXPANSION ANCHOR
	15/32" (MIN) PLYWOOD OR OSB (7)	5/8" GYPSUM WALLBOARD OR GYPSUM SHEATHING	ALLOWABLE SHEAR CAPACITY (PLF)					16d NAILS (UPPER FLOOR ANCHORAGE)	HAS-E THREADED ROD W/ HILTI HY-200 (3" MIN EMBED)	HAS-E THREADED ROD W/ HILTI HY-200 (3" MIN EMBED)	HILTI KWIK BOLT 3 (2 1/4" MIN EMBED)
			WIND	SEISMIC							
A	*		1075	770	10d @ 2" OC	10d @ 12" OC	YES	2" OC	3/4" DIA @ 18" OC	3/4" DIA @ 32" OC	5/8" DIA @ 18" OC
B	*		840	600	10d @ 3" OC	10d @ 12" OC	YES	3" OC	3/4" DIA @ 24" OC	3/4" DIA @ 42" OC	5/8" DIA @ 24" OC
C	*		645	460	10d @ 4" OC	10d @ 12" OC	YES	4" OC	5/8" DIA @ 24" OC	5/8" DIA @ 36" OC	5/8" DIA @ 32" OC
D	*		435	310	10d @ 6" OC	10d @ 12" OC	YES	6" OC	1/2" DIA @ 24" OC	1/2" DIA @ 36" OC	1/2" DIA @ 32" OC
E		*	175	175	6d @ 4" OC	6d @ 4" OC	YES	12" OC	1/2" DIA @ 48" OC	1/2" DIA @ 48" OC	1/2" DIA @ 48" OC
F		*	145	145	6d @ 7" OC	6d @ 7" OC	YES	12" OC	1/2" DIA @ 48" OC	1/2" DIA @ 48" OC	1/2" DIA @ 48" OC

NOTES

1. FRAMING AT ADJOINING PANEL EDGES SHALL BE 3 INCH NOMINAL OR WIDER (DOUBLE 2x MEMBERS ARE ACCEPTABLE) AND NAILS SHALL BE STAGGERED.
2. NAIL REQUIREMENT: INTERIOR 5/8" GYPSUM REQUIRED 6d COOLER NAILS (0.092" DIA, 1 7/8" LONG, 1/4" HEAD).
3. NAIL REQUIREMENT: ALL EXTERIOR SHEATHING SHALL BE FASTENED WITH CORROSION RESISTANT NAILS.
4. PROVIDE 2" MIN EDGE DISTANCE FOR ANCHOR AT SLAB EDGE.
5. ALL WOOD PANELS SHALL BE 15/32" STRUCTURAL SHEATHING. DESIGN VALUES BASED ON SYP #2 SUB FRAMING SPACED AT 16" OC MAX.
6. SEE TYPICAL DETAILS FOR TYPICAL SHEAR WALL CONSTRUCTION.
7. SHEATHING SHALL BE CONTINUOUS ALONG SHEAR WALLS, SEPARATION WALLS, AND EXTERIOR WALLS. HOLD ALL INTERSECTING WALLS APPROX. 1" OFFSET FOR CONTINUOUS SHEATHING.
8. ANCHORS IN CONTACT WITH PRE-TREATED WOOD OR EXPOSED ANCHORS SHALL BE MECHANICALLY OR HOT-DIPPED GALVANIZED.
9. SHEAR WALL TYPES 'A' & 'B' SHALL HAVE STAGGERED EDGE NAILING.
10. ALL WALL ANCHORS TO HAVE STANDARD NUT AND WASHER.
11. GC OPTION: 1/2" DIA x 7" ANCHOR BOLTS WITH 2" HOOKS MAY BE USED AT SHEAR WALL TYPES C, D, E, & F.
12. GC OPTION: 5/8" DIA x 7" ANCHOR BOLTS WITH 2" HOOKS MAY BE USED AT SHEAR WALL TYPES A & B.

6 SHEAR WALL TYPE SCHEDULE
1/8" = 1'-0"

SHEAR WALL ANCHOR SCHEDULE

	ANCHOR ID. (A.X)	ANCHOR TYPE	MIN END LENGTH (IN)	VERTICAL STUD PACK/POST AT EACH END OF SHEAR WALL, UNO	ANCHOR CONNECTION TO STUD PACK/POST (EA ANCHOR)	FOUNDATION ANCHORAGE REQUIREMENT		ANCHOR CAPACITY (LBS)
						CIP ANCHOR BOLT	EPOXY ANCHOR BOLT	
WOOD TO WOOD	1	(1) CS22	7	(2) 2X, MIN	(14) 8d OR (12) 10d	-	-	3645
	2	(1) CS16	13	(2) 2X, MIN	(26) 8d OR (22) 10d	-	-	5265
	3	(2) CS16	13	(2) 2X, MIN	(26) 8d OR (22) 10d	-	-	3405
	4	(1) MST60	-	(3) 2X, MIN	(40) 16d	-	-	5240
	5	(2) MST60	-	(4) 2X, MIN	(40) 16d	-	-	5240
CONCRETE TO WOOD	6	DTT2Z	-	(2) 2X, MIN	(8) SDS 1/4" x 1 1/2" SCREWS	1/2" DIA	1/2" DIA HAS x 7" EMBED	1825
	7	HDU2	-	(2) 2X, MIN	(6) SDS 1/4" x 2 1/2" SCREWS	5/8" DIA	1/2" DIA HAS x 7" EMBED	3075
	8	HDU4	-	(3) 2X, MIN	(10) SDS 1/4" x 2 1/2" SCREWS	7/8" DIA	5/8" DIA HAS x 7" EMBED	4565
	9	HDU8	-	(3) 2X, MIN	(20) SDS 1/4" x 2 1/2" SCREWS	7/8" DIA	7/8" DIA HAS x 16" EMBED	6970
	10	HDU11	-	(4) 2X, MIN	(30) SDS 1/4" x 2 1/2" SCREWS	1" DIA	1" DIA HAS x 20" EMBED	9335
	11	HD12	-	(4) 2X, MIN	(4) 1" DIA STUD BOLT	1" DIA		12665
	12	HD19	-	(5) 2X, MIN	(5) 1" DIA STUD BOLT	1" DIA		16735

NOTES

1. ANCHOR TYPE REFERS TO SIMPSON STRONG TIE HARDWARE SPECIFICATIONS. ALLOWABLE LOADS HAVE BEEN INCREASED FOR WIND OR SEISMIC LOADS.
2. WIDTH OF VERTICAL COLUMNS AT END OF SHEAR WALL TO MATCH WALL STUD SIZES. COORDINATE NUMBER OF STUDS REQUIRED FOR BUILT-UP COLUMN W/ SCHEDULE.
3. ALL VERTICAL COLUMN MEMBERS SHALL BE FASTENED TOGETHER PER BUILT-UP STUD CONSTRUCTION.
4. EPOXY ANCHORS SHALL BE HILTI HY-200 AND REQUIRE A MINIMUM CONCRETE EDGE DISTANCE OF 2".
5. ALL ANCHOR BOLTS TO HAVE STANDARD NUT AND WASHER.
6. * ANCHOR REQUIREMENTS ARE PER ANCHOR LOCATED AT A MINIMUM OF 24" APART.

7 SHEAR WALL ANCHOR SCHEDULE
1/8" = 1'-0"

FOOTING SCHEDULE

FOOTING TAG	FOOTING SIZE	FOOTING REINF
F3	3'-0" x 3'-0" x 12"	(3) #5 HK BOT EW
F4		(4) #5 HK BOT EW
F5	5'-0" x 5'-0" x 14"	(5) #5 HK TOP & BOT EW
F8	8'-0" x 8'-0" x 20"	(7) #6 TOP & BOT EW
F8A	8'-0" x 6'-0" x 20"	(7) #6 TOP & BOT LW & (8) #7 TOP & BOT SW
F9	9'-0" x 6'-0" x 20"	(8) #6 TOP & BOT LW & (9) #6 TOP & BOT SW
F12	12"-0" x 6'-0" x 20"	(7) #6 TOP & BOT HK (LW) & (24) #6 TOP & BOT (SW)

1 FOOTING SCHEDULE
1/8" = 1'-0"

COLUMN SCHEDULE

COLUMN TAG	COLUMN SIZE	BASE PLATE SIZE	ANCHOR BOLTS
C1	Pipe4STD	3/4"x10"x10"	(4) 3/4" DIA.
C2	HSS5X3X1/4	3/4"x12"x10"	(4) 3/4" DIA.
C3	HSS5X3X3/8	3/4"x12"x10"	(4) 3/4" DIA.
C4	HSS5X5X1/4	3/4"x12"x12"	(4) 3/4" DIA.
C5	W10X45	SEE PLAN	SEE PLAN
C6	W12X	SEE PLAN	SEE PLAN

1 COLUMN SCHEDULE
1/8" = 1'-0"

STUD WALL SCHEDULE

FLOOR	EXTERIOR	CORRIDOR	INTERIOR SHEAR**
FOURTH	2x6 @ 16" OC	2x6 @ 16" OC	2x @ 16" OC*
THIRD	2x6 @ 16" OC	2x6 @ 16" OC	2x @ 16" OC*
SECOND	2x6 @ 16" OC	2x6 @ 16" OC	2x @ 16" OC*
FIRST	2x6 @ 12" OC	2x6 @ 12" OC	2x @ 16" OC*

* SEE ARCH FOR SHEAR WALL STUD SIZE
** INTERIOR, NON-LOAD BEARING SHEAR WALLS

3 STUD WALL SCHEDULE
1/8" = 1'-0"

HEADER SCHEDULE

BEAM/HEADER MARK	MATERIAL TYPE	PLY'S	PLY SIZE	JACK STUD
2-212	DIMENSIONAL LUMBER	2	1 1/2" x 11 1/4"	(2) 2x, UNO
3-208	DIMENSIONAL LUMBER	3	1 1/2" x 7 1/4"	(2) 2x, UNO
3-210	DIMENSIONAL LUMBER	3	1 1/2" x 9 1/4"	(2) 2x, UNO
3-212	DIMENSIONAL LUMBER	3	1 1/2" x 11 1/4"	(2) 2x, UNO
LVL 210	MICROLLAM	2	1 3/4" x 9 1/4"	SEE PLAN
LVL 212	MICROLLAM	2	1 3/4" x 11 1/4"	SEE PLAN
LVL 312	MICROLLAM	3	1 3/4" x 11 1/4"	SEE PLAN
LVL 412	MICROLLAM	4	1 3/4" x 11 1/4"	SEE PLAN
LVL 314	MICROLLAM	3	1 3/4" x 14"	SEE PLAN
LVL 318	MICROLLAM	3	1 3/4" x 18"	SEE PLAN
LVL 418	MICROLLAM	4	1 3/4" x 18"	SEE PLAN

NOTES

1. ALL DIMENSIONAL LUMBER SHALL BE SPRUCE PINE FIR, GRADE NO. 2.
2. ALL MICROLLAM LVL BEAMS SHALL HAVE THE MINIMUM PROPERTIES PROVIDED IN THE GENERAL NOTES.
3. SEE 4/S-4.1 FOR BUILT-UP HEADER CONSTRUCTION.
4. SEE TYPICAL DETAILS FOR TYPICAL FRAMING AROUND AN OPENING.
5. HEADERS SHALL HAVE FULL BEARIN ON JACK STUDS/POSTS SHOWN ON PLAN.
6. DO NOT CUT, NOTCH, OR PLACE HOLES IN LAMINATED VENEER LUMBER WITHOUT PRIOR APPROVAL FROM ENGINEER.

4 HEADER SCHEDULE
1/8" = 1'-0"

KING STUD SCHEDULE

LOCATION / LEVEL	UP TO 4'-0" OPENING		UP TO 6'-0" OPENING		UP TO 9'-0" OPENING
	INTERIOR	EXTERIOR	INTERIOR	EXTERIOR	EXTERIOR
FOURTH	(1) 2X6	(1) 2X6	(1) 2X6	(1) 2X6	(2) 2X6
THIRD	(1) 2X6	(1) 2X6	(1) 2X6	(1) 2X6	(2) 2X6
SECOND	(1) 2X6	(1) 2X6	(1) 2X6	(1) 2X6	(2) 2X6
FIRST	(1) 2X6	(1) 2X6	(1) 2X6	(2) 2X6	(2) 2X6

SEE HEADER SCHEDULE AND STUD PLANS FOR JACK STUD INFORMATION

5 KING STUD SCHEDULE
1/8" = 1'-0"

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KEYPLAN

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Fairfield BY MARRIOTT INN & SUITES
DAWSONVILLE, GEORGIA

PROTOTYPE VERSION 2016
REV 7 12-21-18

4 STORY, 92 UNITS
w/ INDOOR POOL

FAIRFIELD
DAWSON FOREST ROAD
DAWSONVILLE, GA
30534

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RIMROCK COMPANIES
10000 RIVERSIDE AVE
SUITE 32201
JACKSONVILLE, FL 32204

PHILLIPS JOB NUMBER 1972101
ISSUE DATE 08/23/2019
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