

TYPICAL APARTMENT POST / JAMB SCHEDULE (DENOTES NUMBER OF KING POST STUDS/ AND NUMBER OF JACKS AT EACH POST)				
MARK	GROUND LEVEL TO 2ND LEVEL	2ND LEVEL TO 3RD FLOOR	3RD LEVEL TO ROOF	REMARKS
F1	1K/2J	1K/2J	1K/1J	SEE NOTE 1
F2	2K/1J	2K/1J	1K/1J	SEE NOTE 1
F3	2K/1J	2K/1J	2K/1J	SEE NOTE 1
F4	2K/2J	2K/2J	2K/2J	SEE NOTE 1
F5	2K/3J	2K/3J	2K/2J	SEE NOTE 1
F6	2K/2J	2K/2J	1K/1J	SEE NOTE 1
F8	2K/3J	2K/3J	1K/1J	SEE NOTE 1
F66	6x6 POST	6x6 POST	6x6 POST	SEE NOTE 5
F88	8x8 POST	8x8 POST	8x8 POST	SEE NOTE 5
F26	2-2x4 STUD PACK	2-2x4 STUD PACK	2-2x4 STUD PACK	SEE NOTE 1
F36	3-2x4 STUD PACK	3-2x4 STUD PACK	3-2x4 STUD PACK	SEE NOTE 1
F46	4-2x4 STUD PACK	4-2x4 STUD PACK	4-2x4 STUD PACK	SEE NOTE 1
F468	4-2x8 STUD PACK	4-2x8 STUD PACK	4-2x8 STUD PACK	SEE NOTE 1
F268	2-2x8 STUD PACK	2-2x8 STUD PACK	2-2x8 STUD PACK	SEE NOTE 1
F7	FSL 3 1/2 x 1	FSL 3 1/2 x 1	3K/2J	SEE NOTE 3
F9	FSL 5 1/4 x 5 1/4	FSL 3 1/2 x 1	3K/2J	SEE NOTE 3
F6T	FSL 3 1/2 x 5 1/4	4-2x4 STUD PACK	3-2x4 STUD PACK	SEE NOTE 1
PCR	FSL 5 1/4 x 5 1/4	FSL 3 1/2 x 1		CORRIDOR
DF1	3-2x4 STUD PACK	3-2x4 STUD PACK	3-2x4 STUD PACK	SEE NOTE 6
DF2	4-2x4 STUD PACK	4-2x4 STUD PACK	4-2x4 STUD PACK	
CHP1	CLUBHOUSE POST TO WALL TOP FLATE.	FSL 5 1/4x1		SEE NOTE 8

POST NOTES:

- ALL POST MATERIAL SHALL BE MINIMUM NO. 2 SPF SPRUCE-PINE-FIR (NOT 500) ALTERNATE POST DESIGN: THIS STUD SCHEDULE MAY BE REDESIGNED TO AN ALTERNATE SPECIES AT THE REQUEST OF THE OWNER
- ALL POSTS, JAMBS AND BEAM SUPPORT STUDS SHALL BE BLOCKED CONTINUOUSLY THROUGH FULL DEPTH OF FLOOR/JOIST FRAMING WITH EQUAL NUMBER OF VERTICAL 2x BLOCKS. PLACE SUFFICIENT BLOCKS TO EACH SIDE OF BEAM TO MATCH STUD GROUP ABOVE.
- 120 PARALLAM FSL.
- ALL POSTS SHALL BE BUILT UP OF SAME SIZE STUDS THAT MATCH THE TYPICAL STUD SIZE OF THE WALL ASSEMBLY.
- 6x6 AND 8x8 POSTS SHALL BE PRESERVATIVE TREATED NO2 SOUTHERN PINE, TYP.
- POST AT INTERIOR END OF BEAM PROVIDED BY POST/BEAM IN ADJACENT WALL.
- AT CORRIDOR WALLS SUPPORTING STAIR OPENING HEADER BEAM FB2 OR FB2A.
- JAMBS AT EACH SIDE OF CLUB HOUSE LOBBY ENTRY DOOR CLUBROOM WINDOWS TO PORCH, AND CYCLE/YOGA GLASS GARAGE DOOR. PLACE SIMPSON L550 FRAMING ANGLE EACH FACE OF POST TO BOTTOM OF WALL TOP FLATE. PLACE SIMPSON L550 FRAMING ANGLE TO EACH FACE OF KING STUD TO SILL PLATE. W/ 4 @0.13" DIA. x 3 1/4" LONG TO FACE OF KING STUD. W/ 4-HILTI X-CP 12 P8 823 POWDER ACTUATED FASTENERS W/ PLATES * 3 THRU SILL PLATE TO SLAB.
- SEE UNIT FRAMING PLANS OR ARCHITECTURAL DRAWINGS FOR POST LOCATIONS AND SIZES.
- SHADED TERRACE LEVEL TO GROUND LEVEL POSTS ARE FOR BUILDING 500 ONLY.
- FASTEN ALL MULTI-PLY STUDS W/ @0.13" DIA. x 3 1/4" LONG NAILS. PLACE 2 ROUS * 9 STAGGERED (PLACE ADJACENT NAILS FROM OPPOSITE FACE OF POST) FULL HEIGHT OF STUD, TYPICAL.

LOAD BEARING WALL STUD SCHEDULE : NO. 2 SPF SPRUCE-PINE-FIR (STUD GRADE ALTERNATE AS NOTED)			
WALL LOCATION	GROUND LEVEL TO 1ST LEVEL	2ND LEVEL TO 3RD LEVEL	3RD LEVEL TO ROOF
1. EXTERIOR WALL: FLOOR TRUSSES PERPENDICULAR	No. 2 2x4 @ 12" (STUD GRADE DOUBLE/SINGLE 2x4 @ 12" ALT.)	No. 2 2x4 @ 16" (STUD GRADE 2x4 @ 12")	No. 2 2x4 @ 16"
2. EXTERIOR WALL: FLOOR TRUSSES PARALLEL	No. 2 2x4 @ 16" (STUD GRADE 2x4 @ 12")	No. 2 2x4 @ 16" (STUD GRADE 2x4 @ 12")	No. 2 2x4 @ 16"
3. INTERIOR UNIT WALL: TRUSSES PERPENDICULAR	No. 2 DOUBLE 2x4 @ 16" (STUD DOUBLE 2x4 @ 12")	No. 2 2x4 @ 16" (STUD GRADE 2x4 @ 12")	No. 2 2x4 @ 16"
4. PARTY WALL: WITH FLOOR TRUSSES PERPENDICULAR	No. 2 2x4 @ 16" (STUD GRADE 2x4 @ 12")	No. 2 2x4 @ 16" (STUD GRADE 2x4 @ 16")	No. 2 2x4 @ 16"
5. PARTY WALL: WITH FLOOR TRUSSES PARALLEL	No. 2 2x4 @ 16" (STUD GRADE 2x4 @ 16")	No. 2 2x4 @ 16" (STUD GRADE 2x4 @ 16")	No. 2 2x4 @ 16"
EXTERIOR WALL CORRIDOR: FLOOR TRUSSES PERP	No. 2 2x4 @ 12" (STUD DOUBLE/SINGLE 2x4 @ 16" ALT.)	No. 2 2x4 @ 16" (STUD GRADE 2x4 @ 16")	No. 2 2x4 @ 16"
1. EXTERIOR WALL CORRIDOR: FLOOR TRUSSES PARALLEL	No. 2 2x4 @ 16" (STUD GRADE 2x4 @ 12")	No. 2 2x4 @ 16" (STUD GRADE 2x4 @ 16")	No. 2 2x4 @ 16"

HEADER / BEAM SCHEDULE		
BEAM	SIZE	NOTES
H1	(2) 2x8	
H2	(2) 2x10	
H3/FB3	(2) 2x12	
H4	(2) 1 3/4" x 9 1/4" LVL	
H5	(2) 1 3/4" x 11 1/4" LVL	
H6 and H7	(2) 1 3/4" x 14" LVL	
CB1	(3) 1 3/4" x 14" LVL	CLUBHOUSE, SEE POST NOTE 8.
CB2	(3) 1 3/4" x 16" LVL	BEAR 8" ON CLUB ROOM WALL.
CB3	(3) 2x10	
CB4	(3) 1 3/4" x 9 1/4" LVL	CLUBHOUSE
FB1A	3 1/2" x 9 1/4" FSL, WOLM.	BREEZEWAY EDGE
FB2	3 1/2" x 9 1/4" FSL, WOLM.	STAIR BEAM, TYP.
FB2A	3 1/2" x 9 1/4" FSL, WOLM.	SEE NOTE 9
FB3	3 1/2" x 9 1/4" FSL, WOLM.	BREEZEWAY
FB4	7" x 9 1/4" FSL, WOLM.	BREEZEWAY
B310	(3) 2x10	
B312	(3) 2x12	
B410	(2) 1 3/4" x 9 1/4" LVL	BREEZEWAY ROOF

BEAM AND HEADER NOTES:

- SEE UNIT FRAMING PLANS ON ARCHITECTURAL DRAWINGS FOR BEAM AND HEADER SIZES.
- DIMENSIONAL LUMBER BEAMS AND HEADERS ARE DESIGNED FOR #2 SOUTHERN PINE
- ENGINEERED WOOD HEADERS ARE DESIGNED FOR LVL MATERIAL UNLESS NOTED. SEE 502 FOR DESIGN VALUES.
- DIMENSIONAL LUMBER HEADERS SHALL CONTAIN 1/2" PLYWOOD OR OSB FILLER BETWEEN PLIES. PROVIDE PRESERVATIVE TREATED PLYWOOD AT ALL EXTERIOR EXPOSURE CONDITIONS.
- BUILT UP MEMBERS OF DIMENSIONAL LUMBER SHALL BE FACE NAILED WITH 16d COMMON * 16 TOP AND BOTTOM, PLACED 1-1/2" FROM TOP AND BOTTOM EDGES, EACH FACE
- ALL EXTERIOR EXPOSURE MATERIAL SHALL BE PRESERVATIVE TREATED, TYPICAL.
- ALL LVL AND FSL BEAMS PLACED OUTSIDE THE BUILDING ENVELOPE (OR UNIT) SHALL BE TREATED WITH TRUS-JOIST WATERSHED RESIN-IMPREGNATED STABILITY OVERLAY. TREAT ALL SAUED ENDS OF EACH PLY WITH OVERLAY TREATMENT.
- ALL FSL BEAMS PLACED OUTSIDE THE BUILDING ENVELOPE (OR UNIT) SHALL BE WOLMANIZED PRESERVATIVE TREATED (SERVICE LEVEL 2) PARALLAM FSL MATERIAL. TREAT ALL SAUED ENDS WITH SAME PRESERVATIVE TREATMENT.
- PLACE SIMPSON HNU5 410 DOUBLE SHEAR FACE MOUNT HANGER EA. END OF BEAM ORG. BEAM W/ 30-16d @0.162" DIA. x 3 1/2" LONG TO SUPPORTING BEAM W/ 10-16d @0.162" DIA. x 3 1/2" LONG TO SUPPORTED BEAM

HORIZONTAL AND UPLIFT ANCHORAGE SCHEDULE

- FOUNDATION HOLD DOWN: PLACE AT EACH END OF UNIT PARTY WALLS (INTERIOR AND EXTERIOR WALLS).
- FRAMED FLOOR HOLD DOWN: PLACE AT FIRST AND SECOND FLOORS. PLACE AT EACH END OF UNIT PARTY WALLS (INTERIOR AND EXTERIOR WALLS).
- TRUSS GIRDERS SHALL BE TIED TO STUD GROUP BELOW WITH SIMPSON METAL STRAP HANGER RATED FOR THE LOADS SHOWN ON THE ROOF SHOP DRGS. - TIE-DOWNS TO BE DESIGNED AND SUPPLIED BY ROOF TRUSS MANUFACTURER. PLACE MINIMUM OF 2 STUDS AT EACH TRUSS GIRDER.

TYPICAL SILL PLATE FASTENER SCHEDULE			
FASTENER METHOD	LOCATION		
	AT SHEAR WALLS AND EXTERIOR OF BLDG.	AT ALL OTHER LOAD BEARING WALLS	ALL OTHER NON-LOAD BEARING WALLS
5/8" DIA. ANCHOR RODS (1" MIN. EMBED.) (SEE NOTES 4 THRU 6)	2'-4" *	4'-0" *	6'-0"
POWDER-ACTUATED FASTENERS @1/45" DIA. x 1 1/8" (MIN.) PENETRATION INTO CONCRETE	NOT ALLOWED	16" **	2'-0"

- * PLACE ONE BOLT 6" FROM ENDS OF PLATE.
- ** HILTI X-CP 12 P8 823 POWDER ACTUATED SILL PLATE FASTENERS W/ PREMOUNTED @3/8" DIA. 16 GAGE CARBON STEEL WASHER WITH ASTM A513 CORROSION RESISTANCE. PLACE FIRST FASTENER 6" FROM END OF PLATE AND SECOND FASTENER 10" FROM END OF PLATE.
- ALL SILL PLATES TO BE PRESERVATIVE TREATED.
- ALL ANCHOR RODS SHALL BE PLACED WITH SIMPSON STRONG-TIE ANCHORMATE AM 5/8 ANCHOR BOLT HOLDERS FASTENED DIRECTLY TO TOP OF EDGE FORM TYPICAL.
- SIMPSON MASA MIDSILL ANCHORS MAY BE SUBSTITUTED FOR 5/8" DIA. ANCHOR BOLTS. PLACE BY STANDARD INSTALLATION (BOTH LEGS NAILED TO TOP OF PLATE). PLACE 3-10d @0.148" DIA. x 1 1/2" LONG NAILS TO SIDE OF PLATE. PLACE 6-10d @0.148" DIA. x 1 1/2" LONG NAILS TO TOP OF PLATE. MASA ANCHORS SHALL BE PLACED ON 24" CENTERS.
- ANCHOR ROD ALTERNATE: SIMPSON 5/8" DIA. TITEN HD SCREW ANCHORS PLACE INTO 5/8" DIA. DRILLED HOLE. (EMBED 3 1/4" MIN.)

SHEARWALL SCHEDULE	
MARK	SHEATHING MATERIALS AND NAILING PATTERN
1	5/8" GYPSUM WALLBOARD, UNBLOCKED W/ 6d COOLER NAILS * 7
2	5/8" GYPSUM WALLBOARD, UNBLOCKED W/ 6d COOLER NAILS * 7
3	5/8" GYPSUM WALLBOARD, BLOCKED W/ 6d COOLER NAILS * 7
4	5/8" GYPSUM WALLBOARD, BLOCKED W/ 6d COOLER NAILS * 4
5	5/8" GYPSUM WALLBOARD (2-PLY), BLOCKED (SEE NOTE 6) W/ 6d COOLER NAILS * 9 (BASE FLY.) W/ 8d COOLER NAILS * 7 (* FACE FLY.)
6	1/16" A.F.A. RATED O.S.B. STRUCTURAL PANELS, BLOCKED W/ 8d @0.13" DIA. x 2 1/2" LONG DEFORMED SHANK NAILS * 6 AT PANEL EDGES * 12 * INTERMEDIATE SUPPORTS.
7	1/16" A.F.A. RATED O.S.B. STRUCTURAL PANELS, BLOCKED W/ 8d @0.13" DIA. x 2 1/2" LONG COMMON NAILS * 4 AT PANEL EDGES AND * 12 INTERMEDIATE FRAMING MEMBERS.
8	1/16" A.F.A. RATED O.S.B. STRUCTURAL PANELS, BLOCKED W/ 8d @0.13" DIA. x 2 1/2" LONG COMMON NAILS * 4 AT ALL EDGES AND * 12 ALONG INTERMEDIATE FRAMING MEMBERS. NAIL GUB PANEL TO OPPOSITE FACE PER SHEARWALL MARK 3.
9	5/8" GYPSUM SHEATHING BOARD PANELS, BLOCKED W/ 6d GALVANIZED COOLER NAILS * 4 AT ALL EDGES AND * 12 ALONG INTERMEDIATE FRAMING MEMBERS. NAIL GUB PANELS TO OPPOSITE FACE PER SHEARWALL MARK 3.

SHEARWALL SCHEDULE NOTES:

- ALL NAILS THROUGH GYPSUM WALLBOARD SHEATHING TO BE 6d GALVANIZED COOLER NAIL @0.292" DIA. x 1 7/8" LONG, 1/4" HEAD, OR WALLBOARD NAIL @0.2915" DIA. x 1 7/8" LONG, 19/64" HEAD, OR @0.20" DIA. x 1 3/4" LONG, MIN. 3/8" HEAD, UNLESS NOTED.
- ALL NAILS THROUGH STRUCTURAL PANELS SHALL BE 8d @0.13" DIA. x 2 1/2" LONG COMMON OR 3" LONG @0.128" GALVANIZED BOX NAILS.
- ALL EXTERIOR WALLS ARE MARK (1) UNLESS NOTED OTHERWISE. ALL INTERIOR BEARING WALLS ARE MARK (2) UNLESS NOTED OTHERWISE. ALL INTERIOR BEARING WALLS ARE MARK (3) BELOW SECOND LEVEL. EXTERIOR WALLS ALONG BREEZEWAY ARE MARK (4) TYPICAL ALL LEVELS, UNLESS NOTED. PERIMETER WALLS AT LEASING OFFICE ONLY ARE MARK (5)
- APPLY SCHEDULED NAILING TO ALL STUDS, TOP AND BOTTOM PLATES (AT ALL TRUSS MEMBERS) AND BLOCKING. WHERE SHEATHING PANEL EDGE MISSES A STUD, PROVIDE AN ADDITIONAL STUD. PROVIDE BLOCKING AT ALL HORIZONTAL PANEL EDGES THAT DO NOT ALIGN WITH SUPPORTING FRAMING MEMBERS.
- ALONG LENGTH OF SHEARWALL AND EXTERIOR WALLS, FACE NAIL SPLICES IN DOUBLE TOP PLATES AS SHOWN IN DETAIL 1/614.
- APPLY SHEATHING TO ROOF TRUSSES OVER THE LENGTH OF SHEAR WALL BELOW PROVIDE VERTICALS IN ROOF TRUSS * 16" AT SHEATHING LOCATION ONLY.
- BASE FLY: 6d COOLER @0.292" DIA. x 1 7/8" LONG, 1/4" HEAD OR WALLBOARD NAIL @0.2915" DIA. x 1 7/8" LONG, 19/64" HEAD OR @0.20" DIA. x 1 3/4" LONG, MIN. 3/8" HEAD. FACE FLY: 8d COOLER @0.13" DIA. x 2 3/8" LONG, @0.28" HEAD OR WALLBOARD NAIL @0.13" DIA. x 2 3/8" LONG, 3/8" HEAD OR @0.20" DIA. x 2 3/8" LONG, MIN. 3/8" HEAD.
- AT INTERIOR GYPSUM WALLBOARD SHEATHING, NO. 6 TYPE "S" OR "U" DRYWALL SCREWS x 1 1/4" LONG CONFORMING TO ASTM C 1002 MAY BE SUBSTITUTED FOR 6d (COOLER) NAILS LISTED ABOVE.
- SHEAR PANEL AND NAILING IS FOR ONE SIDE OF WALL (UNCL. ON PLANS). ALL WALLS TO HAVE DESIGNATED SHEATHING NAILED TO INDICATED SIDE OF WALL PER SCHEDULE.
- BLOCKING SHALL BE AS SHOWN ON DETAIL 5/612. ALL PANEL EDGES ARE BLOCKED. NAILING IS PROVIDED AT ALL SUPPORTS AND ALL PANEL EDGES.
- WALL SHEATHING PANELS MAY BE APPLIED WITH LONG DIMENSION ACROSS (PERPENDICULAR TO) OR LONG DIMENSION VERTICAL (PARALLEL WITH) STUDS.
- THE ALLOWABLE SHEAR CAPACITIES FOR WOOD STRUCTURAL PANEL SHEAR WALLS HAVE BEEN ADJUSTED FOR THE SPECIFIC GRAVITY OF 0.42 FOR SPRUCE-PINE-FIR FRAMING MEMBERS PER AUC SDFPUS-2008 TABLE 4.3A FOOTNOTE 3 AND TABLE 4.3B FOOTNOTE 2.
- MINIMUM NAILING AND BLOCKING SHALL NOT BE LESS THAN THAT REQUIRED BY UL LISTING AS SPECIFIED ON THE ARCHITECTURAL DRAWINGS.

STUD SCHEDULE NOTES:

- ALL STUDS SHALL BE NO. 2 SPF SPRUCE-PINE-FIR (NOT 500 SOUTH) No. 2: Fb = 915 psi Fv = 135 psi Fc PERP = 425 psi Fc PARALLEL = 1150 psi E = 1,400,000 psi LUMBER USED FOR WALL STUDS, INCLUDING END-JOINT OR EDGE-GLUED LUMBER, MACHINE STRESS-RATED OR MACHINE EVALUATED LUMBER SHALL BE IDENTIFIED BY THE GRADE MARK OF A LUMBER GRADING OR INSPECTION AGENCY THAT HAS BEEN APPROVED BY AN ACCREDITED BODY THAT COMPLIES WITH DOC P6 20 OR EQUIVALENT. GRADING PRACTICES AND IDENTIFICATION SHALL COMPLY WITH RULES PUBLISHED BY AN AGENCY APPROVED IN ACCORDANCE WITH THE PROCEDURES OF DOC P6 20 OR EQUIVALENT PROCEDURES.
- ALL WALL PLATES SHALL BE #2 SO. PINE LAPPED A MINIMUM OF 4'-0". PLATES SHALL BE NAILED TOGETHER WITH A MINIMUM OF EIGHT (8) 16d NAILS THROUGH TIE PLATE TO WALL TOP PLATE WITHIN THE LAP ZONE. SEE 6/624
- WALL STUD BENDING STRESSES HAVE BEEN INCREASED BY THE SYSTEM FACTOR AS ALLOWED PER SECTION 3.11 WALL FRAMING OF AUC SDFPUS-2008 SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC.
- ALTERNATE STUD DESIGN: THIS STUD SCHEDULE HAS BEEN DESIGNED BASED ON 6FF SPRUCE-PINE-FIR (NOT 500 SOUTH) AT THE REQUEST OF THE OWNER. THE STUD SCHEDULE MAY BE REDESIGNED TO AN ALTERNATE SPECIES
- FASTEN ALL MULTI-PLY STUDS W/ @0.13" DIA. x 3 1/4" LONG NAILS. PLACE 2 ROUS * 9 STAGGERED (PLACE ADJACENT NAILS FROM OPPOSITE FACE OF POST) FULL HEIGHT OF STUD, TYPICAL.
- SHADED TERRACE LEVEL TO GROUND LEVEL ARE FOR BUILDING 500 ONLY.

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REVISIONS:

TAG: DATE:

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ALEXANDRIA
AN APARTMENT COMMUNITY
FOR
Bobo Family Group
HUNTSVILLE, ALABAMA

JOB NUMBER:

DRAWN BY: AV

CHECKED BY: DHS

SCHEDULES

SHEET NO.

S1.3