

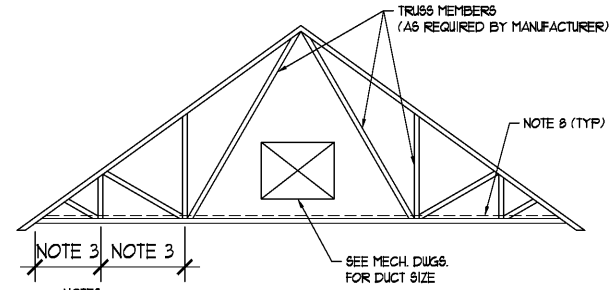
† DENOTES NAILS DRIVEN FROM NEAR FACE  
 ‡ DENOTES NAILS DRIVEN FROM FAR FACE

BUILT UP COLUMN NAILING SCHEDULES						
BUILT UP SECTION	PATTERN	END DISTANCE	EDGE DISTANCE	ROW SPACING	NAIL SPACING	NAIL SPACING
		D1	D2	D3	S	
(2) 2x4	2	2 1/2"	1 1/2"	2 1/2"	9"	10d
(3) 2x4	2	3 1/2"	1 1/2"	2 1/2"	9"	30d
(4) 2x4	2	4"	1 1/2"	2 1/2"	9"	50d
(2) 2x4	1	2 1/2"	1 1/2"	---	9"	10d
(3) 2x4	1	3 1/2"	1 1/2"	---	9"	30d
(4) 2x4	1	4"	1 1/2"	---	9"	50d

**NOTES:**

- ADJACENT NAILS ARE DRIVEN FROM OPPOSITE SIDES OF THE COLUMN.
- CONTRACTOR MAY SUBSTITUTE 1/2" DIA. BOLTS WITH METAL PLATES OR WASHERS IN PLACE OF 30d AND 50d NAILS.
- CONTRACTOR SHALL PRE-DRILL STUDS WITH 1/8" DRILL BIT WHEN USING 30d AND 50d NAILS. THIS PREVENTS SPLITTING OF WOOD.

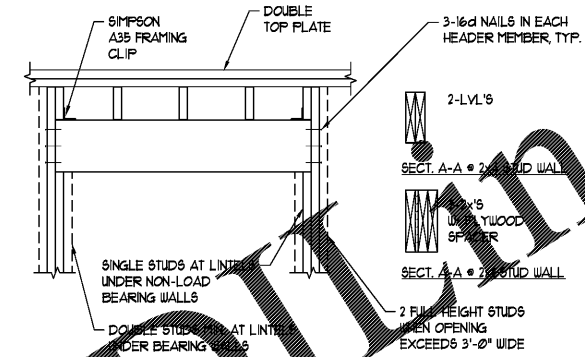
**1** DETAIL BUILT UP COLUMN NAILING SCHEDULE  
 S1.7 SCALE: NA



**NOTES:**

- TRUSS AS SHOWN NOT REPRESENT ACTUAL TRUSS DESIGNED OR LAYOUT. SECTION SHOWN IS INTENDED FOR PERMANENT BRACING REFERENCE ONLY. SEE ARCH. DWGS. FOR TRUSS CONFIGURATION.
- TEMPORARY BRACING FOR ELECTION PURPOSES IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
- MAXIMUM HORIZONTAL DISTANCE BETWEEN VERTICAL DIAGONAL BRACING SHALL BE 8'-0". BRACING MEMBERS SHALL BE 2x4 MIN.
- 3 ROWS OF BRACING AS SHOWN IS MINIMUM BRACING REQUIRED.
- LAP LATERAL BRACING OVER AT LEAST TWO TRUSSES.
- USE 2-16d NAILS TO ATTACH LATERAL BRACING AT EACH TRUSS.
- PROVIDE VERTICAL X-BRACING AT EACH END FOR NOT LESS THAN 3 TRUSSES AT FIRST PANEL POINT FROM EA. END AND 5 TRUSSES AT INTERIOR PANEL POINTS.
- PROVIDE BOTTOM CHORD HORIZONTAL V-BRACING AT EACH END ENGAGING NOT LESS THAN 5 TRUSSES. PROVIDE ADDITIONAL DIAGONAL BRACING AT INTERVALS NOT TO EXCEED 20 FEET.
- FOR PURPOSES OF BRACING, DOUBLE TRUSSES SHOULD BE TREATED AS A SINGLE TRUSS.

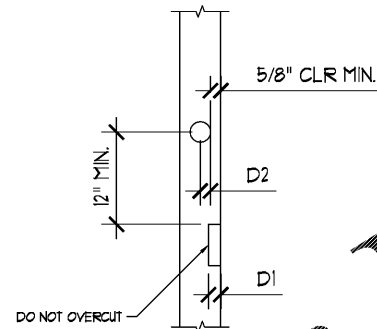
**2** DETAIL PERMANENT TRUSS BRACING DETAIL  
 S1.7 SCALE: NA



HEADER / BEAM SCHEDULE		
INTERIOR LINTEL SIZE	EXTERIOR LINTEL SIZE	MAX CLEAR SPAN
(2) 1 3/4"x8 1/4" LVL	(3) 1 3/4"x8 1/4" LVL	5'-6"
(2) 1 3/4"x11 1/4" LVL	(3) 1 3/4"x11 1/4" LVL	7'-0"

SEE BEAM AND HEADER SCHEDULE FOR SPECIFIC BEAM AND POST SIZES

**3** DETAIL PERMANENT TRUSS BRACING DETAIL  
 S1.7 SCALE: NA

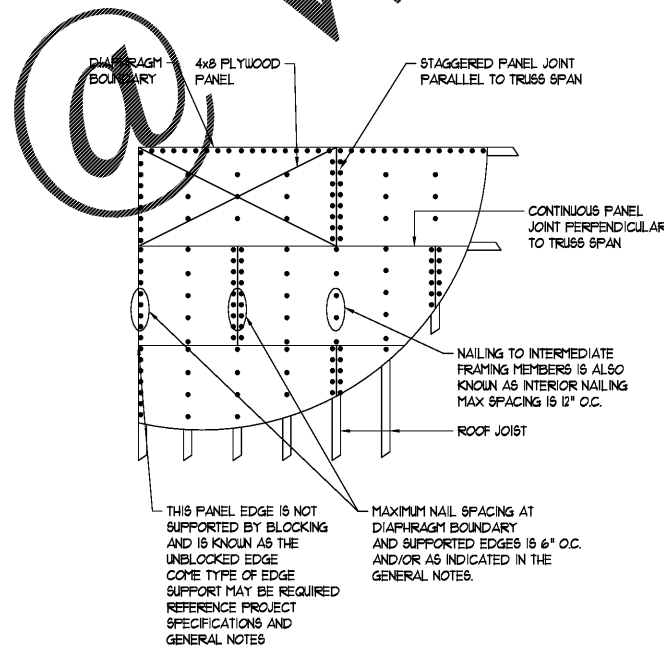


NOTE: HOLE SIZE IN NON-BEARING WALLS MAY BE USED FOR BEARING WALLS IF STUDS ARE DOUBLE AT THESE LOCATIONS. NOT MORE THAN TWO ADJACENT STUDS MAY BE BORED.

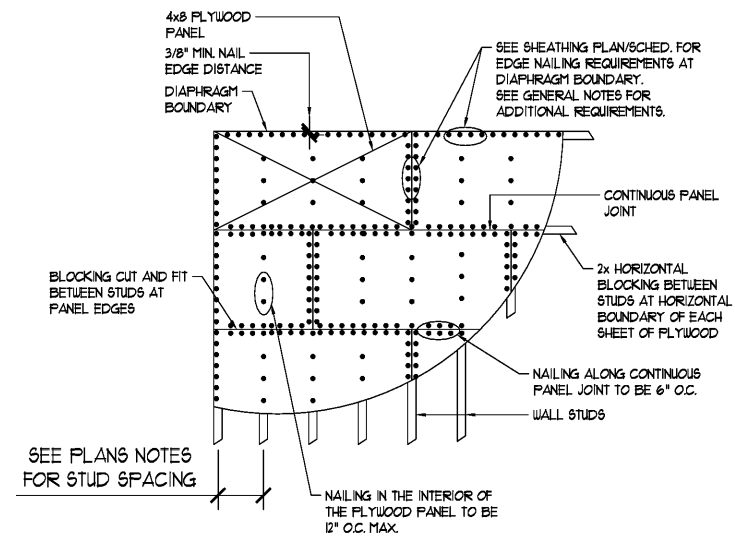
BEARING WALLS		
STUD SIZE	MAX D1 (NOTCH)	MAX D2 (HOLE)
2x4, 3x4	3/4"	1 1/4"
2x6	1 1/4"	1 1/4"
		3"

NON-BEARING WALLS		
STUD SIZE	MAX D1 (NOTCH)	MAX D2 (HOLE)
2x4, 3x4	1 1/4"	2"
2x6	2 1/4"	3 1/4"
2x8	3"	4 1/4"



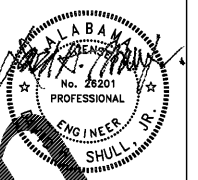
**5** DETAIL PARTIAL ROOF/FLOOR PLAN (UNBLOCKED DIAPHRAGM)  
 S1.7 SCALE: NA



**6** DETAIL PARTIAL PLYWOOD WALL ELEVATION (BLOCKED DIAPHRAGM)  
 S1.7 SCALE: NA

**4** DETAIL BUILT UP COLUMN NAILING SCHEDULE  
 S1.7 SCALE: NA

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**JOB PROGRESS:**  
 ITEM: DATE:  
 100% Submittal 01.04.19

**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

**DETAILS & SCHEDULES**

**SHEET NO.**

**S1.7**