

Beam Connection Values Schedule

SIZE	VERTICAL (kips)	MIN. ROWS OF BOLTS	MOMENT (#-kips)
W8	12.0	2	N/A
W12	17.0	3	N/A
W12x35	32.0	3	N/A
W16x57	36.0	4	59
W16x89	57.0	4	N/A
W16x100	65.0	4	134

NOTES:
 1. UNLESS INDICATED OTHERWISE ON THE PLANS BEAM END CONNECTIONS SHALL BE DESIGNED FOR THE REACTIONS INDICATED ABOVE.
 2. BOLT DIAMETER SHALL BE 3/4" MINIMUM.
 3. ALL CONNECTIONS SHALL HAVE A MINIMUM OF (2) ROWS OF BOLTS, AND AS INDICATED ABOVE.

COLUMN SCHEDULE

Level 2 TOS	181' - 8 1/4"											Level 2 TOS
		HSS10x10x5/16	HSS10x10x5/16	HSS10x10x5/16	HSS4x4x1/4	HSS4x4x1/2	WB6x7	WB6x7	HSS4x4x1/2	WB6x7		
Level 1	169' - 6"											Level 1
Column Locations	A-5.7, A-7.3	B-5, B-8	B-6.5	B-14.3, B-14.2, B-9.5, B-9.6	C-5, C-8, G-10, G-12, H-5, H-8, H-9, H-9.7	C-6, C-7, D-5, D-10	D-19	D-9, F-8, F-9, F-10, F-12, F-14, F-15, F-26, F-27, F-28, H-14, H-15	D-8, D-7, E-6, E-8, E-10			

Schedule - Column Base Plate

Mark	Column Size	Base Plate Type
A-5.7	HSS10x10x5/16	Base Plate Type 4
A-7.3	HSS10x10x5/16	Base Plate Type 4
B-5	HSS10x10x5/16	Base Plate Type 4
B-6.5	HSS10x10x5/16	Base Plate Type 4
B-8	HSS10x10x5/16	Base Plate Type 4
B-14.3	HSS4x4x1/4	Base Plate Type 1
B-14.2	HSS4x4x1/4	Base Plate Type 1
B-9.5	HSS4x4x1/4	Base Plate Type 1
B-9.6	HSS4x4x1/4	Base Plate Type 1
C-5	HSS4x4x1/2	Base Plate Type 2
C-6	WB6x7	Base Plate Type 3
C-7	WB6x7	Base Plate Type 3
C-8	HSS4x4x1/2	Base Plate Type 2
D-5	WB6x7	Base Plate Type 3
D-10	WB6x7	Base Plate Type 2
D-19	HSS4x4x1/2	Base Plate Type 1
D-8	WB6x7	Base Plate Type 3
D-7	WB6x7	Base Plate Type 3
E-6	WB6x7	Base Plate Type 3
E-8	HSS4x4x1/2	Base Plate Type 1
E-10	WB6x7	Base Plate Type 1
F-8	HSS4x4x1/2	Base Plate Type 1
F-9	HSS4x4x1/2	Base Plate Type 1
F-10	HSS4x4x1/2	Base Plate Type 1
F-12	HSS4x4x1/2	Base Plate Type 1
F-14	HSS4x4x1/2	Base Plate Type 1
F-15	HSS4x4x1/2	Base Plate Type 1
F-26	HSS4x4x1/2	Base Plate Type 1
F-27	HSS4x4x1/2	Base Plate Type 1
F-28	HSS4x4x1/2	Base Plate Type 1
G-10	HSS4x4x1/2	Base Plate Type 2
G-12	HSS4x4x1/2	Base Plate Type 2
H-5	HSS4x4x1/2	Base Plate Type 2
H-8	HSS4x4x1/2	Base Plate Type 2
H-14	HSS4x4x1/2	Base Plate Type 2
H-15	HSS4x4x1/2	Base Plate Type 2
H-9.6	HSS4x4x1/2	Base Plate Type 2
H-9.7	HSS4x4x1/2	Base Plate Type 2

Steel Lintel Schedule for Non-Loadbearing Masonry Walls

Wall Thickness	Clear Span			
	4'-0" or Less	4'-1" to 6'-0"	6'-1" to 8'-0"	8'-1" to 10'-0"
4" CMU or Brick	L4x3 1/2x5/16"	L4x3 1/2x5/16" (LLV)	L5x3 1/2x5/16" (LLV)	L5x3 1/2x5/16" (LLV)
6" CMU	(2) L3 1/2x2 1/2x3/8" -or- WT7x11	(2) L3 1/2x2 1/2x3/8" -or- WT7x11	(2) L3 1/2x2 1/2x3/8" -or- WT7x11	(2) L3 1/2x2 1/2x3/8" -or- WT7x11
8" CMU	(2) L3 1/2x3 1/2x5/16" -or- WT7x15	(2) L3 1/2x3 1/2x5/16" -or- WT7x15	(2) L5x3 1/2x5/16" (LLV)	W8x10 w/ 1/4"x0'-7" PLATE
10" CMU	W8x10 w/ 1/4"x0'-9" PLATE	W8x10 w/ 1/4"x0'-9" PLATE	W8x10 w/ 1/4"x0'-9" PLATE	W8x10 w/ 1/4"x0'-9" PLATE
12" CMU	(3) L4x3 1/2x3/8" (LLV) -or- W8x10 w/ 1/4"x0'-11" PLATE	(3) L4x3 1/2x3/8" (LLV) -or- W8x10 w/ 1/4"x0'-11" PLATE	(3) L5x3 1/2x5/16" (LLV) -or- W8x10 w/ 1/4"x0'-11" PLATE	W8x10 w/ 1/4"x0'-11" PLATE

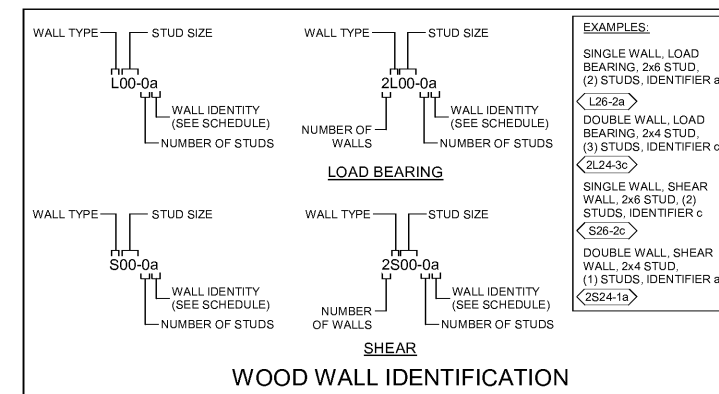
The General contractor shall provide and install steel lintels for all masonry walls, including the following (ref. Contract Documents):
 1. Above all metal frames.
 2. Above all new openings, including roll-up overhead doors in masonry walls.
 3. Above all new ductwork passing through masonry walls.
 4. Above all built-in items (such as Radiant Heaters, Connectors, Louvers, Access Panels, Brick Grilles, Windows, etc.).
 All lintel locations where noted on the plans and/or wall sections, sizes to be as indicated in the schedule above.
 Lintels at full opening shall have a minimum 8" bearing on each end.
 Lintels at openings 8" or less from steel column shall be attached w/ clip angles to columns.

Schedule - Wood Stud Load Bearing Wall

MARK	STUDS	TOP PLATE	BOTTOM PLATE
L24-1	2x4 @ 16" o.c.	(2) 2x4	(2) 2x4
L24-2	(2) 2x4 @ 16" o.c.	(2) 2x4	(2) 2x4
L24-3	(3) 2x4 @ 16" o.c.	(2) 2x4	(2) 2x4
L26-1	2x6 @ 16" o.c.	(2) 2x6	(2) 2x6
L26-2a	(2) 2x6 @ 16" o.c.	(2) 2x6	(2) 2x6
L26-2b	(2) 2x6 @ 16" o.c. w/ (3) STUDS @ EA. END	(2) 2x6	(2) 2x6
L28-2	(2) 2x8 @ 16" o.c. w/ (3) STUDS @ EA. END	(2) 2x8	(2) 2x8

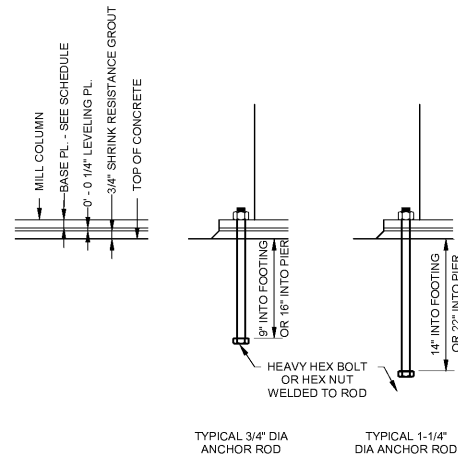
Schedule - Wood Stud Shear Wall

MARK	STUDS	TOP PLATE	BOTTOM PLATE	WEATHERING	EDGE NAILING	FIELD NAILING	END STUDS	BLOCKED
S24-1	2x4 @ 16" o.c.	(2) 2x4	(2) 2x4	7/16" OSB	8d @ 6"	8d @ 12"	3	Yes
S24-2	(2) 2x4 @ 16" o.c.	(2) 2x4	(2) 2x4	7/16" OSB	8d @ 6"	8d @ 12"	3	Yes
S24-3	(3) 2x4 @ 16" o.c.	(2) 2x4	(2) 2x4	7/16" OSB	8d @ 6"	8d @ 12"	5	Yes
S26-1	2x6 @ 16" o.c.	(2) 2x6	(2) 2x6	7/16" OSB	8d @ 6"	8d @ 12"	2	Yes
S26-2a	(2) 2x6 @ 16" o.c.	(2) 2x6	(2) 2x6	7/16" OSB	8d @ 6"	8d @ 12"	2	Yes
S26-2b	(2) 2x6 @ 16" o.c.	(2) 2x6	(2) 2x6	7/16" OSB	8d @ 6"	8d @ 12"	3	Yes



Wood Lintel Schedule (U.N.O.)

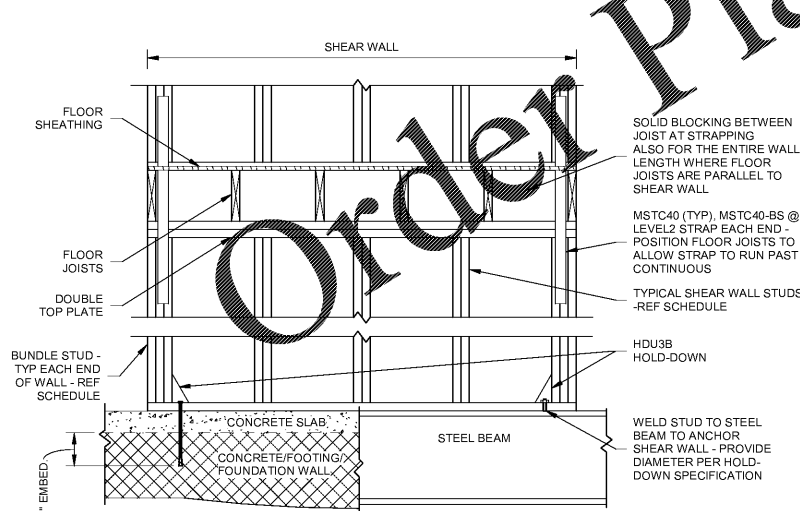
	4'-0" or Less	4'-0" - 6'-0"	6'-0" - 8'-0"
2x4 Walls			
1st - 2nd Floor	(2) 1.75x9.25 LVL	(2) 1.75x9.25 LVL	(2) 1.75x11.875 LVL
2nd - 3rd Floor	(2) 2x10 w 1/2" Ply	(2) 1.75x9.25 LVL	(2) 1.75x11.25 LVL
3rd - 4th Floor	(2) 2x8 w 1/2" Ply	(2) 2x12 w 1/2" Ply	(2) 1.75x9.25 LVL
4th - Roof	(2) 2x8 w 1/2" Ply	(2) 2x12 w 1/2" Ply	(2) 2x12 w 1/2" Ply
2x6 & 2x8 Walls			
1st - 2nd Floor	(3) 2x10 w (2) 1/2" Ply	(3) 1.75x9.25 LVL	(3) 1.75x9.25 LVL
2nd - 3rd Floor	(3) 2x10 w (2) 1/2" Ply	(3) 2x12 w (2) 1/2" Ply	(3) 1.75x9.25 LVL
3rd - 4th Floor	(3) 2x8 w (2) 1/2" Ply	(3) 2x10 w (2) 1/2" Ply	(3) 1.75x9.25 LVL
4th - Roof	(3) 2x8 w (2) 1/2" Ply	(3) 2x10 w (2) 1/2" Ply	(3) 2x12 w (2) 1/2" Ply



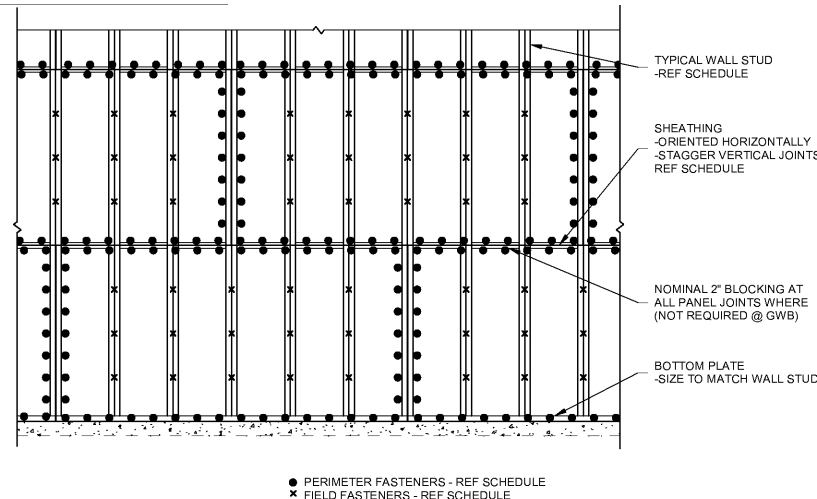
Shear Wall Details
 SCALE: 3/4" = 1'-0"

Wood Wall Details
 SCALE: 3/4" = 1'-0"

Base Plate Types
 SCALE: 3/4" = 1'-0"

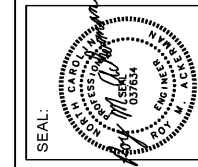


Typical Shear Wall Elevation
 SCALE: 3/4" = 1'-0"



Typical Shear Wall Elevation Sheathing Fastening
 SCALE: 1/2" = 1'-0"

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FRAMING SCHEDULES AND DETAILS
 HOLIDAY INN EXPRESS & SUITES
 INTERSECTION OF HAYNES PLACE & LAMM RD.
 WILSON, NC 27783

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