

Shear Wall Schedule (O.S.B. OR C.D.X. PLYWOOD)

DESCRIPTION				NAILING (5)/(7)				SHEAR TRANSFER				VALUE
No.	Material	2 Sides	Blocked	3x Framg	Size	Boundry	Edge	Field (1)	16d (2)	LTP4 (3)	5/8" ø A.B.	pi#
Δ	15/32" O.S.B. or C.D.X	NO	YES	NO	8d	4"	4"	12"	3"	16"	48"	285#/'
Δ	15/32" O.S.B. or C.D.X	NO	YES	YES (4)	10d	4"	4"	12"	12" (6)	12"	36"	345#/'
Δ	3x FRMG. / Δ	NO	YES	YES (4)	10d	3"	3"	12"	10" (6)	10"	24"	450#/'
REC'D SEE	15/32" O.S.B. or C.D.X	NO	YES	YES (4)	10d	2"	2"	12"	8" (6)	8"	24"	570#/'
Δ	15/32" O.S.B. or C.D.X	YES	YES	YES (4)	8d	3"	3"	12"	6" (6)	6"	16"	720#/'
2 SIDES PLYWOOD	15/32" O.S.B. or C.D.X	YES	YES	YES	15/32" O.S.B. or C.D.X	2"	2"	12"	4" (6)	6"	16"	900#/'
Δ	15/32" O.S.B. or C.D.X	YES	YES	YES (4)	10d	2"	2"	12"	3"	12"	12"	1155#/'

Shear Wall Notes:

- (1) NAILING TO STUDS PER PLAN AT 16" O.C. ALL NAILS TO BE COMMON NAILS

(2) 16D COMMON NAIL TRANSFER THRU BOTTOM SILL OR 3/8" DIA. LAGS, SEE NOTE (6).

(3) SIMPSON 1/2"x4" FOR FLAT FRAMING ANCHOR, SIMPSON 3/8"x3" FOR ANGLED FRAMING ANCHOR.

(4) 3x FRAMING REQUIRED AT ALL PANEL EDGES, MINIMUM 1/2" STAGGERED NAILS TO BE STAGGERED, MINIMUM 1/2" EDGE NAILING DISTANCE AT PANEL ENDS AND EDGES, 1/2" EDGE DISTANCE REQUIREMENTS ALSO APPLY TO ALL PLATES, POSTS, AND STUDS.

(5) NAILS SHALL BE STAGGERED IN TWO LINES ALONG PARALLEL EDGES WHEN SPACING IS 2" OR CENTER, OR WHEN 10d COMMON NAILS SPACED 3" O.C. PENETRATE FRAMING MORE THAN 1 5/8".

(6) AT BOTTOM SILL PLATE FLOOR TRANSFER PROVIDE 3/8" DIA. LAGS x 7' LONG. LAG BOLTS 3" INTO 3x BLOCKING OR 3x RIM BELOW. PRE-DRILL FOR ALL LAGS.

(7) THE USE OF NAIL GUNS FOR SHEARWALL NAILING IS SUBJECT TO THE FACTORY JOBSITE DEMONSTRATION AND APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO FRAMING. THE APPROVAL IS SUBJECT TO CONTINUED SATISFACTORY PERFORMANCE. IF THE NAIL HEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HELD HAMMER, OR IF THE MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED, THE APPROVAL SHALL BE DEEMED UNSATISFACTORY AND WILL NOT BE APPROVED.

(8) APPROVED PLATE WASHERS, MINIMUM OF 0.225" x 3" x 3", ARE TO BE USED

LEGEND:

① DENOTES SHEARLINE PER CALCULATION

Δ DENOTES SHEARWALL PER SHEARWALL SCHEDULE

- A DENOTE HOLD-DOWN WITH SIMPSON MST STRAP OR HD HOLD-DOWNS.

OR B = MST148 WITH 4x4 POST (FOR 2x4 STUD) USE 6x4 POST (FOR 2x6 STUD)

OR C = MST160 WITH 6x4 POST (FOR 2x4 STUD) USE 6x6 POST (FOR 2x6 STUD)

1 = HD2A WITH 4x4 POST (FOR 2x4 STUD) USE 6x4 POST (FOR 2x6 STUD)

2 = HD5A WITH 4x4 POST (FOR 2x4 STUD) USE 6x6 POST (FOR 2x6 STUD)

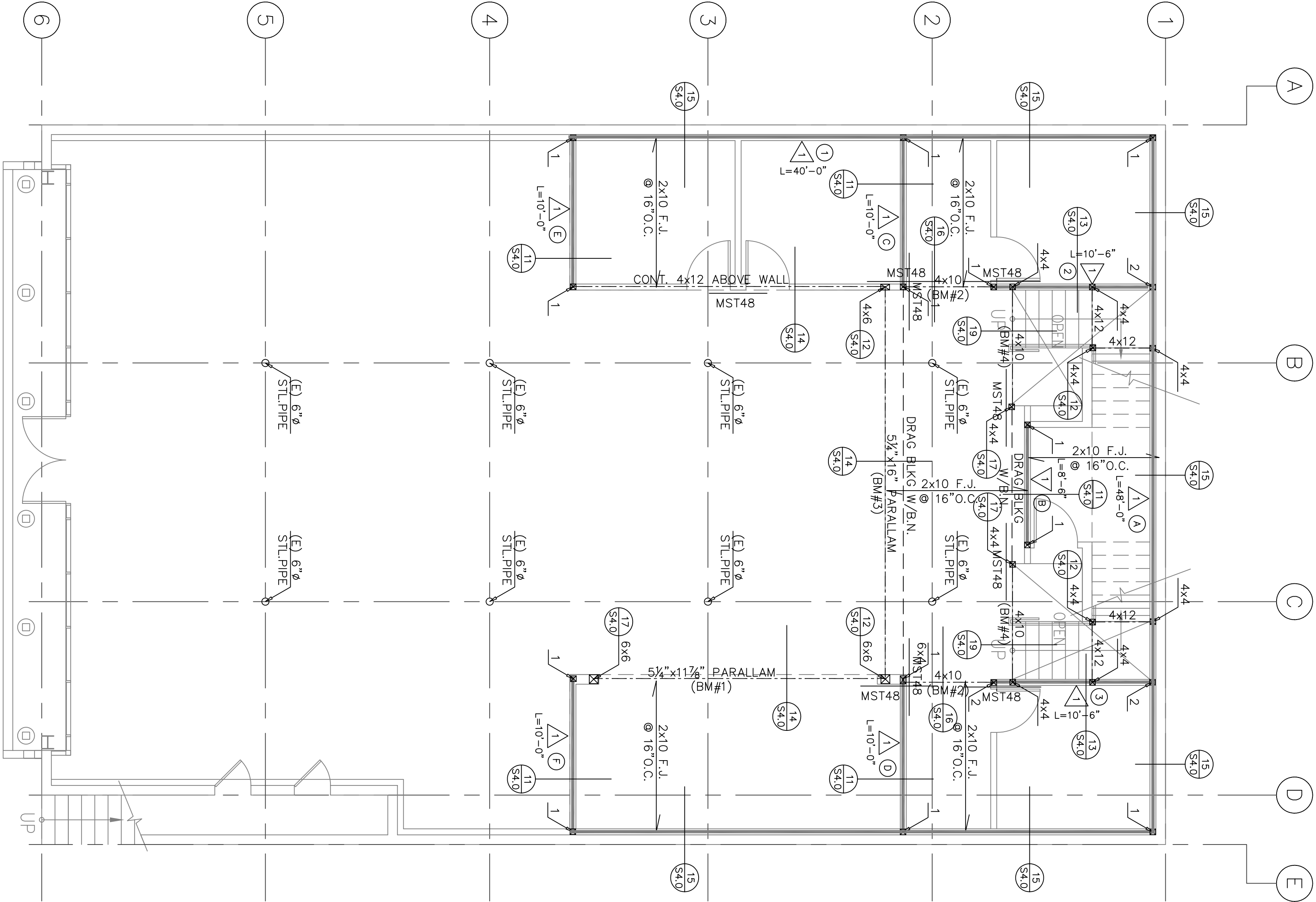
3 = HD6A WITH 6x4 POST (FOR 2x4 STUD) USE 6x6 POST (FOR 2x6 STUD)

4 = HD8A WITH 6x4 POST (FOR 2x4 STUD) USE 6x6 POST (FOR 2x6 STUD)

5 = HD10A WITH 8x4 POST (FOR 2x4 STUD) USE 6x8 POST (FOR 2x6 STUD)

NOTES:

1. REFERENCE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION
2. FOR HEADERS NOT SPECIFIED USE: FOR 2x4 STUD FRAMING
4x4 FOR 0-4 FT
4x6 FOR 4-6 FT
4x8 FOR 6-8 FT
UNLESS NOTED OTHERWISE
6x10 FOR 6-8 FT
3. 2x6 OR 3x4 STUDS @ 16" O.C. IS REQUIRED FOR ALL BEARING AND SHEAR WALLS 10 FT AND HIGHER.
4. ALL PLUMBING WALLS SHALL BE 2x6 D.F.#2 @ 16" O.C. MAX.
5. ALL EXISTING FRAMING AND FOUNDATION IN THIS PLAN ARE NOTED AT THE BEST KNOWLEDGE AND ASSUPTION. CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS AND REPORT TO THE ENGINEER AS NECESSARY.
8. HOLD-DOWN CONNECTOR BOLTS INTO WOOD FRAMING REQUIRE APPROVED PLATE WASHERS. AND HOLD-DOWNS SHALL BE TIGHTENED JUST PRIOR TO COVERING THE WALL FRAMING.



2ND FLOOR FRAMING & MAIN FLOOR WALL PLAN

SCALE: 3/16"=1'-0"

REVISIONS
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PROJECT:
PROFESSIONAL SEAL

DATE: 05/16/08
SCALE: AS SHOWN
DRAWN:
JOB NUMBER: 08033

DRAWING NAME
2ND FLOOR
FRAMING &
MAIN FLOOR
WALL PLAN

SHEET
S2.1