

This technical diagram illustrates a typical shearwall detail for a wall perpendicular to trusses. The wall is composed of a top horizontal plate, vertical studs, and a bottom horizontal plate. The top plate is secured to the trusses with 2x4 blocks and 2-16D spikes. The vertical studs are connected to the top plate with LPT4 @ 6" O.C. The wall is sheathed with 1/2" plywood, with joints occurring at the vertical studs. The bottom plate is connected to the studs with 2x4 blocks and 2-16D spikes at 6" O.C. The wall is also connected to a wood-framed wall per plan. The diagram includes callouts for various construction details and spacing requirements.

PLYWOOD BOUNDARY NAILING AT BLOCK BETWEEN TRUSSES. USE 3X WHEN NAIL SPACING IS 4" OR LESS

2X4 BETWEEN TRUSSES SPIKE TO TRUSS WITH 2-16D AT TOP & BOT. CHORD

1/2" PLYWOOD SHEATHING BETWEEN TRUSSES

5 EXT. GRD. STRUCT. 1 PLYWOOD., 10D @ 6" O.C. U.N.O.

PLYWOOD BOUNDARY NAILING AT TOP TOP PLATE. & BLOCKS BETWEEN TRUSSES

LPT4 @ 6" O.C.

PLYWOOD JOINT

2X4 BETWEEN TRUSSES SPIKE TO TOP PLATE WITH 2-16D @ 6" O.C.

WOOD FRAMED WALL PER PLAN.

MIN 3X WHEN NAIL SPACING IS 4" OR LESS @ 4" O.C. AT WALLS & CEILING U.N.O.

3A TYPICAL SHEARWALL DETAIL—WALL PERPENDICULAR TO TRUSSES

Diagram 4: TYP ROOF OPENING DETAIL

Dimensions and Labels:

- W/2 MIN
- 'W' (4'-0" MAX)
- SEE ARCH & M/E/P DWGS
- "L" (4'-0" MAX)
- SEE ARCH & M/E/P DWGS
- CROSS FRAMED MEMBER
- ROOF/FLOOR OPENING
- CROSS FRAMED MEMBER
- HEADER FROM DOUBLE JOIST IN HUTCH HANGER EA END
- DOUBLE JOIST TYP EA SIDE OF OPENING
- ST2215 STRAP CTRD ON HDR W/ 10-16d EA END TYPICAL @ EA CORNER OF OPNG & BTWN ALL BLOCKING
- WHERE EDGE OF OPENING < L/2 FROM SUPPORTING BEAM, SPLICE ACROSS BEAM W/ ST6224 W/ 10-16d EA END

TYP CORNER TYP INTERSECT TYP END HD INTERSECT AT (E) POST

PEN TYP

MIN 6x POST - SEE PLAN SCHEDULE THIS SHEET

4x6 POST

HOLDOWN PLAN

PEN TYP

2X NAILER

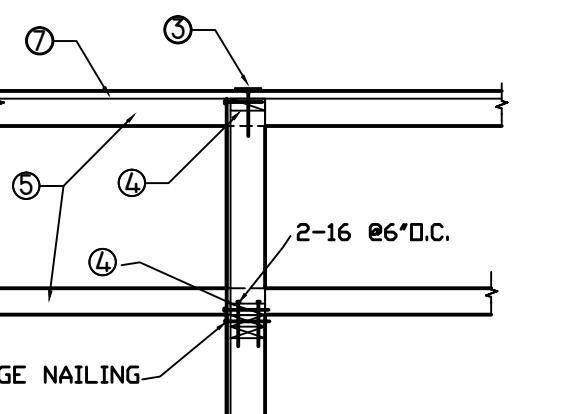
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P.E.N. TYP.

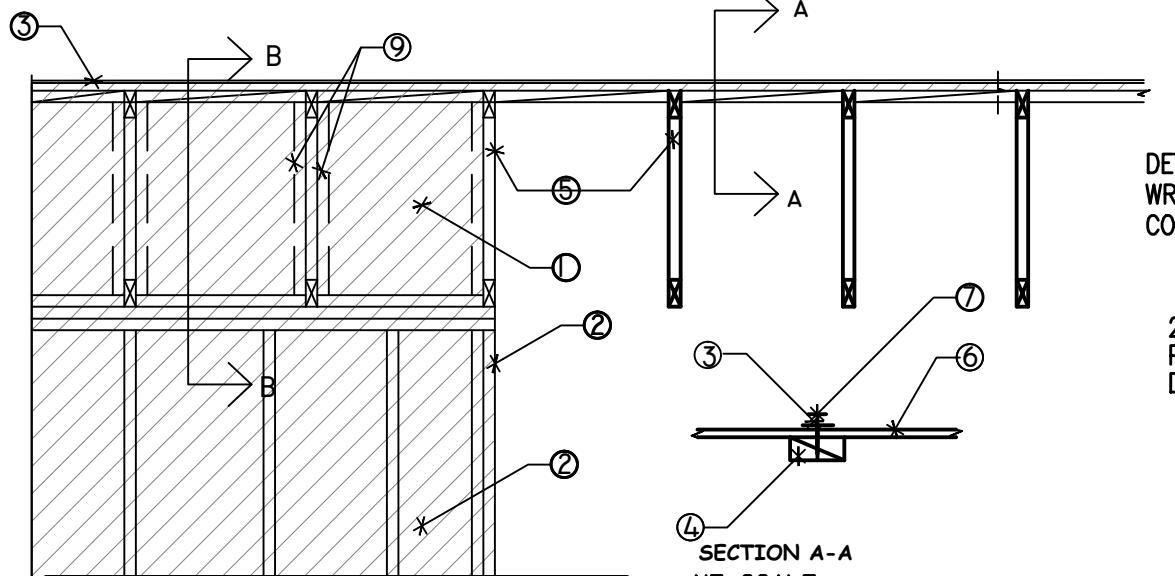
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FOR ITEMS NOT NOTED SEE DETAILS ABV

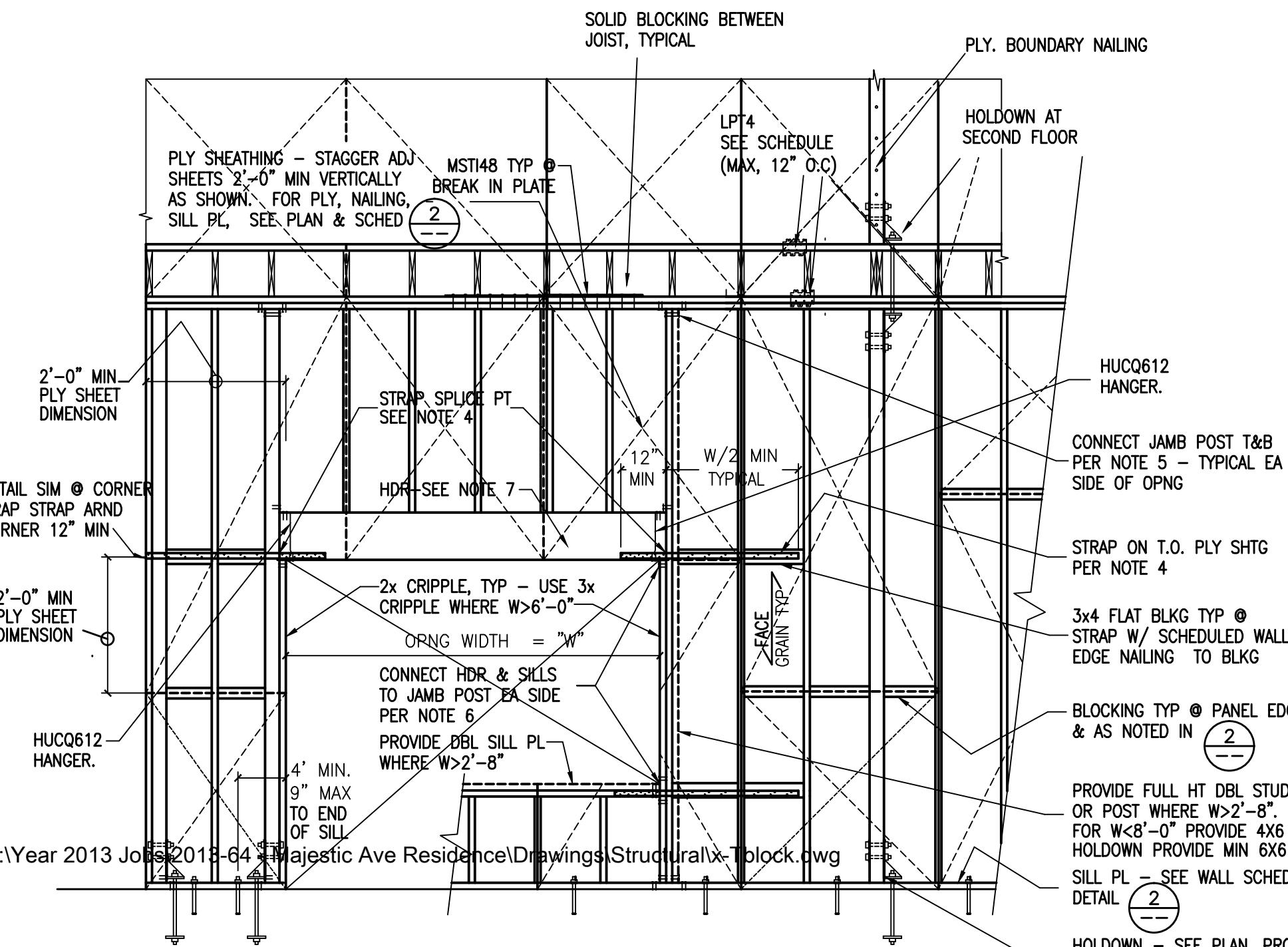
5 TYP SECTIONS – WALL INTERSECTIONS



SECTION B-B
NO SCALE



SCALE: 3/4"=1'-0"



**1A TYPICAL SHEAR WALL FRAMING DETAIL-NEW WOOD FRAMED WALL
SIM @ NON-BEARING WALLS**

SHEAR WALL SCHEDULE		TOP PLATE SHEAR TRANSFER	SILL PLATE ANCHORAGE		
SYM.	SHEARWALL DESCRIPTION		ANCHOR BOLTS (SEE NOTE 11)	SILL ATTACH.	
	AT APA RATED PANELS USE COMMON NAILS OR GALV. BOX NAILS			LAG SCREWS	LPT4 OR LPT5
1	15/32" CDX PLYWOOD (1) SIDE W/ 10d @ 6" o.c.. USE 2x WALL AND 2x SOLE PLATE.	SEE PLAN	3/4"Ø A.B. AT 36" o.c.	*	@ 12" O.C.
2	15/32" CDX PLYWOOD (1) SIDE W/ 10d @ 4" o.c.. USE 3x WALL AND 3x SOLE PLATE.	SEE PLAN	3/4"Ø A.B. AT 30" o.c.	*	@ 12" O.C.
3	15/32" CDX PLYWOOD (1) SIDE W/ 10d @ 3" o.c.. USE 3x WALL AND 3x SOLE PLATE.	SEE PLAN	3/4"Ø A.B. AT 18" o.c.	3/8"ØX5" LONG @ 5" o.c.	@ 12" O.C.
4	15/32" CDX PLYWOOD (1) SIDE W/ 10d @ 2" o.c.. USE 3x WALL AND 3x SOLE PLATE.	SEE PLAN	3/4"Ø A.B. AT 12" o.c.	3/8"ØX5" LONG @ 4" o.c.	@ 6" O.C.
5	15/32" CDX PLYWOOD (2) SIDE W/ 10d @ 6" o.c.. USE 2x WALL AND 2x SOLE PLATE.	SEE PLAN	3/4"Ø A.B. AT 36" o.c.	*	@ 6" O.C. .
6	15/32" CDX PLYWOOD (2) SIDE W/ 10d @ 4" o.c.. USE 3x WALL AND 3x SOLE PLATE.	SEE PLAN	3/4"Ø A.B. AT 30" o.c.	*	@ 6" O.C. AT EA. SIDE
7	15/32" CDX PLYWOOD (2) SIDE W/ 10d @ 3" o.c.. USE 3x WALL AND 3x SOLE PLATE.	SEE PLAN	3/4"Ø A.B. AT 18" o.c.	3/8"ØX5" LONG @ 5" o.c.	@ 6" O.C. AT EA. SIDE
8	15/32" CDX PLYWOOD (2) SIDE W/ 10d @ 2" o.c.. USE 3x WALL AND 3x SOLE PLATE.	SEE PLAN	3/4"Ø A.B. AT 12" o.c.	3/8"ØX5" LONG @ 4" o.c.	@ 6" O.C. AT EA. SIDE
9	12" WIDE HARDY PANEL	SEE SHT S5	SEE SHT S5	SEE SHT S5	SEE SHT S5
10	24" WIDE HARDY PANEL (HF9X24 1-1/8)				

NOTES.

1. NOT USED.
2. APA RATED PANELS SHALL BE CDX OF THE FOLLOWING MATERIALS:
PLYWOOD (NER-108)
ORIENTED STRAND BOARD (NER-Q397)
WAFERBOARD (NER-124)
3. NAILING INDICATED IS TYP. EDGE NAILING. FOR FIELD NAILING
10d @ 12" O.C.
4. ALL HOLDOWNS EXCEPT MA4
ARE PLACED ON 6X6 POSTS
TYP. U.N.O.
5. STAGGER JOINT AND SILL ↗ NAILING.
6. NOT USED
7. FURNISH 3x MEMBERS AT ALL SHEAR WALLS, TYP. U.N.O.
8. NAILS SHALL BE STAGGERED ON EACH SIDE OF SIDE OF STUD WHERE PLYWOOD PANELS ARE APPLIED ON BOTH SIDES OF WALL
9. * = NOT APPLICABLE
10. NOT USED
11. AT ALL ANCHOR BOLTS AT SILL PLATES PROVIDE A MINIMUM 3X3X0.229 THK PLATE WASHER WITH NUT

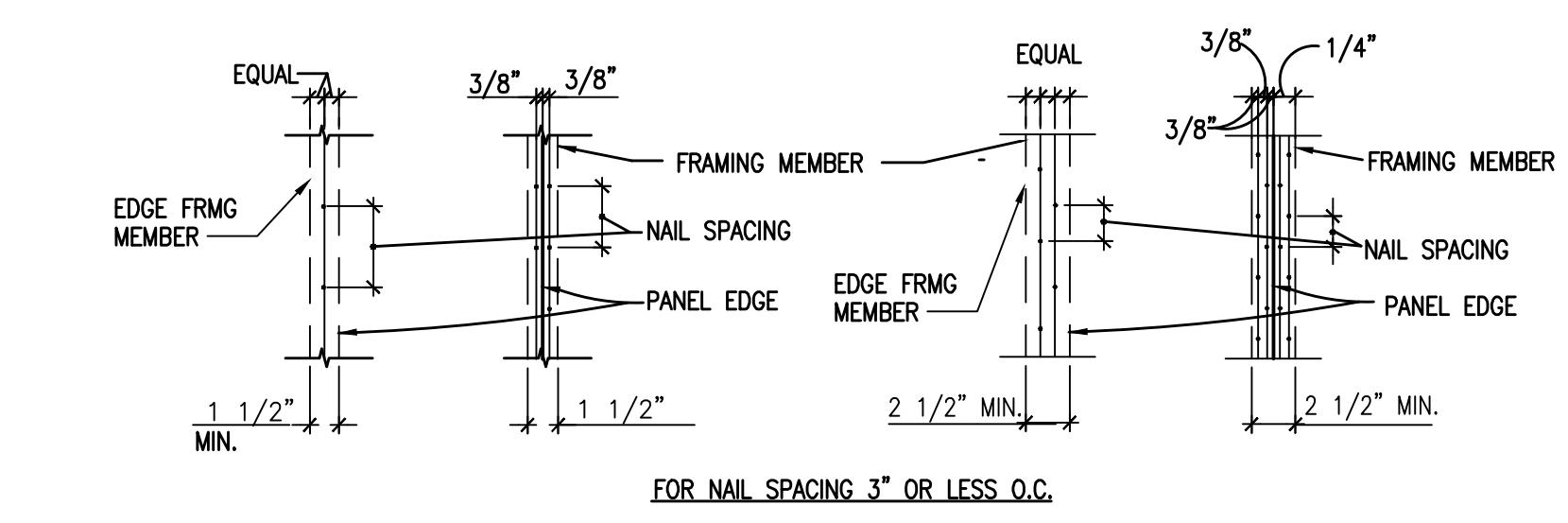
ERDRIVEN NAILS ARE REQUIRED TO BE DRIVEN BY HAMMER SO THAT THE
OF THE NAIL IS FLUSH WITH THE TOP SURFACE OF THE PLYWOOD.

SHINE NAILING SHALL BE USED ONLY WHERE THE BACK SIDE CAN BE
EECTED FOR "SHINERS".

ERS" OR NAILS WHICH DO NOT PENETRATE FULLY INTO FRAMING OR
CKING SHALL BE REMOVED AND REPLACED. ALL REMEDIAL NAILING SHALL BE
HAND.

NY FRAMING MEMBERS, BLOCKING OR JOISTS RECEIVING THE POINTS OF
S, ARE DAMAGED (SPLIT, NAILS HIT TO CLOSE, ETC.) THEY SHALL BE
OVED AND REPLACED.

NAILING FOR TOE NAIL, END NAIL AND SLANT DRIVEN NAIL ARE NOT
MITTED.



3 TYP. PLYWOOD EDGE NAILIN

NO SCALE

OWNER:
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33 JERILYNN AVENUE
RICHMOND, CA 94806

TYPICAL SHEAR WALL DETAILS

ect number 201
e 1/17/
wn by ST
cked by

S6.2

AS NC