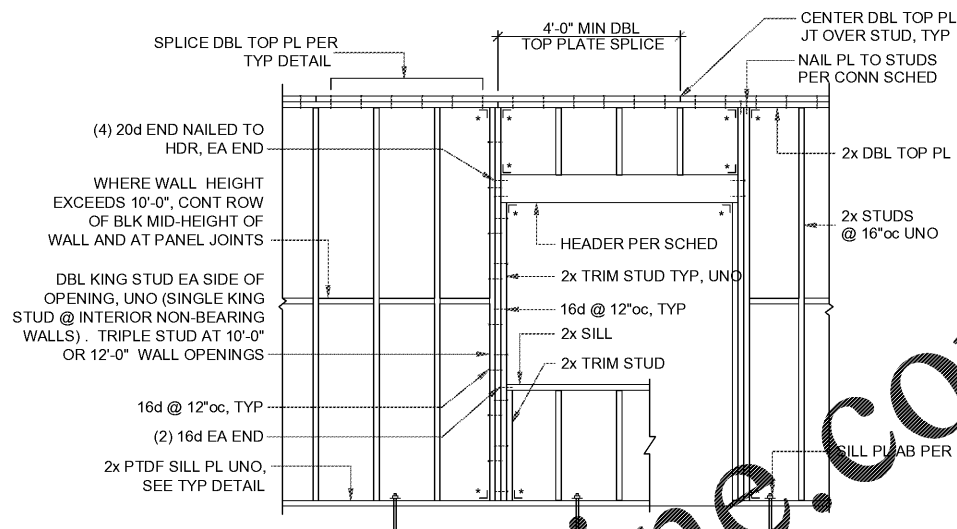
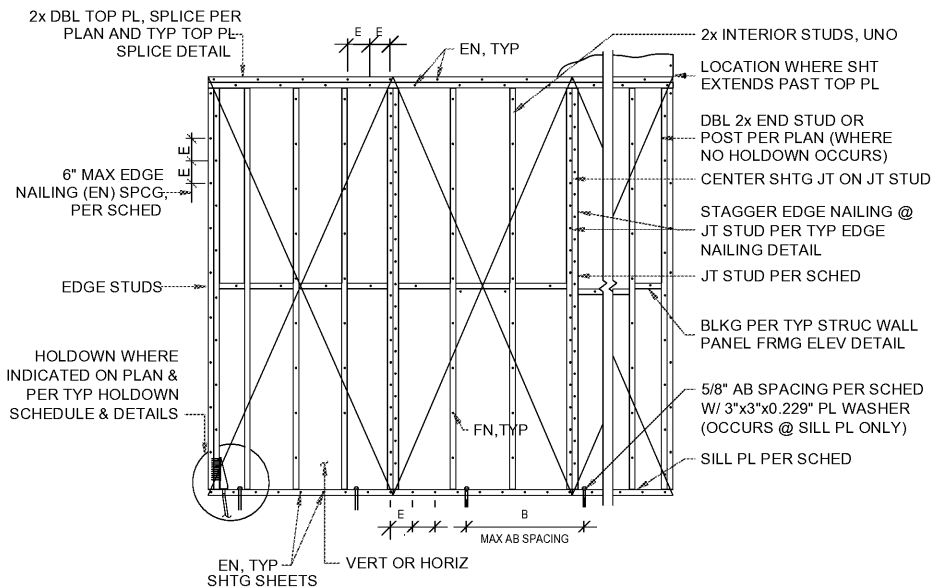


SILL PLATE BOLTS AND SOLE PLATE SCREWS SCHEDULE		
MARK	WALL SIDES SHEATHED	"B" FASTENER SPACING BOLT
6	1	32"
7	1	24"
8	1	16"
9	2	14"
10	2	12"

WALL SHEATHING AND NAILING SCHEDULE					
MARK	SHEATHING THICKNESS	NAIL SIZE	"E" SPCG	JOINT BLKG	SILL PLATE JT STUD
6	15/32"	10d	6"	2x	2x
7	15/32"	10d	4"	2x	2x
8	15/32"	10d	3"	2x	2x
9	15/32" BOTH FACES OF WALL	10d	4"	2x	2x
10	15/32" BOTH FACES OF WALL	10d	2"	3x	3x

- NOTES:**
- FIELD NAILING (FN): 10d @ 12" OC.
 - ALL NAILS SHALL BE COMMON OR GALVANIZED BOX WIRE NAILS.
 - MINIMUM DIMENSION OF ANY SHEATHING SHEET EQUALS 16" OR STUD SPACING, WHICHEVER IS GREATER.
 - ANCHOR BOLTS AND PLATE WASHERS SHALL BE HOT-DIPPED GALVANIZED.
 - NAIL SIZES SHOWN ARE COMMON. 8d=0.131"dia; 10d=0.1483"dia



NOTES:

- POWDER-ACTUATED FASTENERS (SHOT PINS) AND EXPANSION ANCHORS SHALL NOT BE USED TO ANCHOR WALLS ON CURBS OR AT SLAB EDGES.
 - HOLDOWN ANCHOR BOLTS SHALL NOT REPLACE SILL PLATE ANCHOR BOLTS.
 - ALL BOLTS, NAILS, METAL FRAMING CONNECTORS AND OTHER FASTENERS IN CONTACT WITH PRESERVATIVE OR FIRE RETARDANT TREATED LUMBER SHALL BE HOT-DIPPED GALVANIZED (ASTM A153) OR STAINLESS STEEL (TYPE 304 OR 316).
- * A34 METAL FRAMING CONNECTOR (OMIT FOR INTERIOR NON-BEARING WALLS)

TYPICAL STRUCTURAL WALL PANEL FRAMING ELEVATION

S-4 N.T.S.

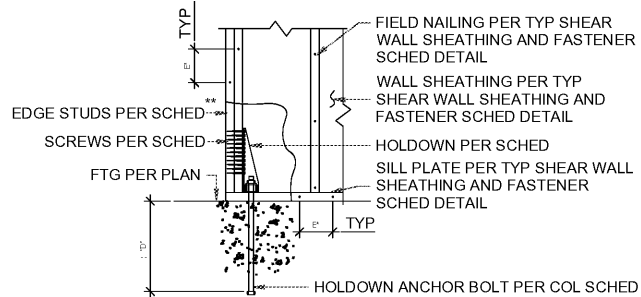
TYP SHEAR WALL SHEATHING AND FASTENER SCHEDULE

S-4 N.T.S.

HOLDOWN SCHEDULE					
MARK	EDGE STUDS	SIMPSON HOLDOWN	SDS 1/4"x2 1/2" STUD SCWS	SIMPSON PAB	"D"
A	2 - 2x	DTT2Z	6	PAB4	8"
B	2 - 2x	HDU8-SDS2.5	20	PAB7	12"
C	6x	(2) HDU11-SDS2.5	30 EACH	PAB8	16"
D	TUBE STEEL COLUMN PER J/S-7				

NOTES:

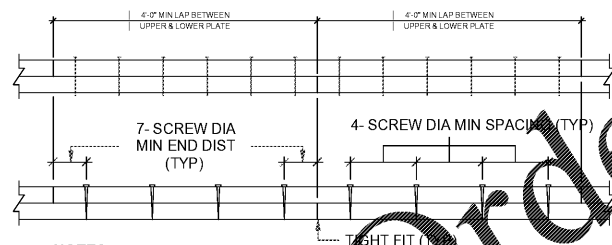
- HOLDOWN ANCHOR BOLTS SHALL BE HOT-DIPPED GALVANIZED (ASTM A153).
- ALL FASTENERS INSTALLED IN FIRE RETARDANT TREATED WOOD SHALL BE HOT-DIPPED GALVANIZED (ASTM A153) OR STAINLESS STEEL (TYPE 304 OR 316).
- STEP DOWN FOOTING PER TYP DETAIL WHERE REQUIRED TO ACHIEVE MINIMUM ANCHOR BOLT EMBEDMENT.
- HOLDOWN ANCHOR BOLTS SHALL BE HELD IN PLACE DURING CONCRETE PLACEMENT USING ABS AND ANCHORMATE ANCHOR BOLT HOLDERS, OR EQUIVALENT.
 - * EDGE NAILING SPACING PER TYP SHEAR WALL DETAIL
 - ** WHERE HOLDOWN OCCURS ADJACENT TO A POST ON THE PLAN, USE THE LARGER OF THE INDICATED POST OR THE SCHEDULED END STUDS



HOLDOWN AT FOUNDATION

TYP HOLDOWN SCHEDULE & DETAILS

S-4 N.T.S.



NAILED SPLICE SCHEDULE	
MARK	NAILS
A	15 - 16d
B	26 - 16d

NOTES:

- SPLICE 2x DOUBLE TOP PLATES PER MARK "A" AND 3x DOUBLE TOP PLATES PER MARK "B" OF THE ABOVE SCHEDULE UNLESS OTHERWISE INDICATED.
- SCREWS SHALL BE 3" LONG FOR 2x PLATES AND 5" LONG FOR 3x PLATES.
- JOINTS IN UPPER AND LOWER PLATE SHALL BE CENTERED OVER STUD OR MULLION.
- ALL NAILS SHALL BE COMMON WIRE NAILS.
- SCHEDULE INDICATES NUMBER OF NAILS OR SCREWS ON EACH SIDE OF EACH JOINT.

NOTE:

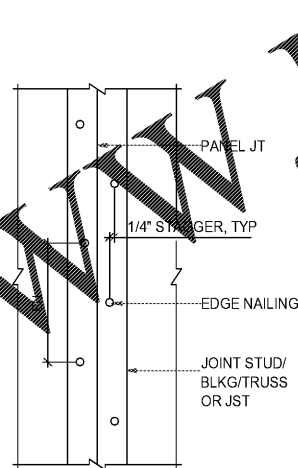
AT LONG SHOP WALLS, PROVIDE CMST12 CONT STRAP ON EACH FACE OF DOUBLE TOP PLATE

TYP HOLDOWN SCHEDULE & DETAILS

S-4 N.T.S.

TYP STAGGERED EDGE NAILING DETAIL

S-4 N.T.S.

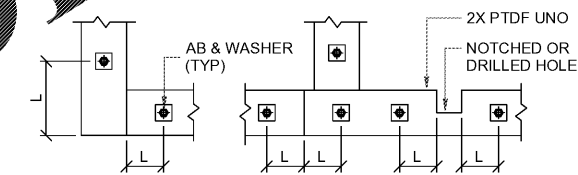


NOTES:

- TYPICAL ANCHOR BOLT END DISTANCE L = 4 1/2" MIN, 12" MAX.
- ANCHOR BOLTS SHALL BE INSTALLED AT 12" MAXIMUM FROM EACH END OF EACH SILL PLATE PIECE, AND SHALL BE SPACED AT 48" ON CENTER MAXIMUM. SEE TYPICAL SHEAR WALL DETAIL FOR ANCHOR BOLT SPACING AT SHEAR WALLS.
- WHERE SILL PLATE IS NOTCHED, DRILLED OR CUT MORE THAN ONE THIRD OF ITS WIDTH, INSTALL ANCHOR BOLT EACH SIDE AS SHOWN. NOTCHES, CUTS AND HOLES SHALL BE TREATED WITH A PRESERVATIVE SOLUTION CONFORMING TO AWPA STANDARD M4.
- ANCHOR BOLTS SHALL BE 5/8" DIAMETER WITH 3" x 3" x 0.229" PLATE WASHERS, UNLESS OTHERWISE NOTED. ANCHOR BOLTS AND WASHERS SHALL BE HOT-DIPPED GALVANIZED.
- MINIMUM ANCHOR BOLT EMBEDMENT SHALL BE 7", MEASURED FROM TOP OF THE CONCRETE SLAB. THE LENGTH OF ANCHOR BOLT IN CONCRETE CURBS SHALL NOT APPLY TO THIS MINIMUM EMBEDMENT.
- ANCHOR BOLTS WITH DAMAGED THREADS SHALL NOT BE USED.
- POST-INSTALLED WHERE SILL PLATE ANCHORS MUST BE POST-INSTALLED, PROVIDE 3/4" SIMPSON TITEN PER ICC ESR-2713. SPECIAL INSPECTION IS REQUIRED FOR POST-INSTALLED ANCHOR INSTALLATION. POST-INSTALLED ANCHORS SHALL NOT REPLACE HOLDOWN ANCHOR BOLTS.

TYPICAL SILL PLATE ANCHOR BOLT DETAIL

S-4 N.T.S.



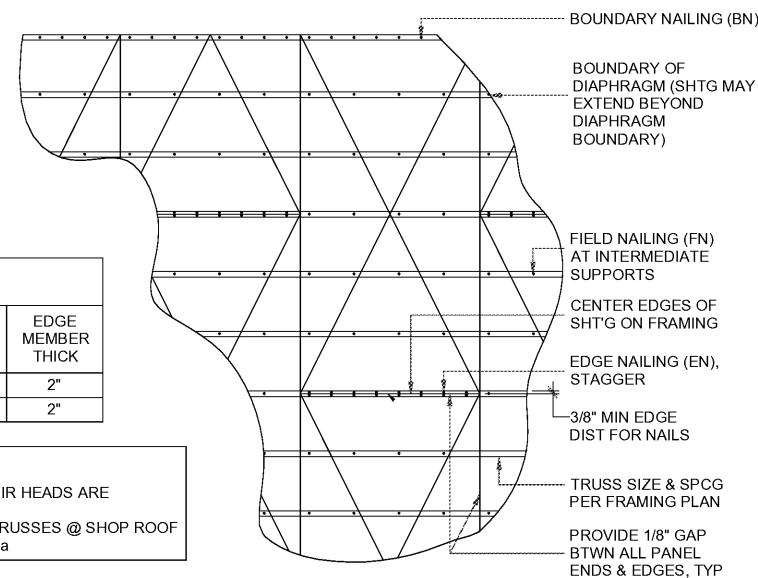
DIAPHRAGM SHEATHING & NAILING SCHEDULE							
MARK	SHT'G THICK	NAIL SIZE	BN SPC'G	EN SPC'G	FN SPC'G	TRANSV BLK'G	EDGE MEMBER THICK
R1	19/32"	10d	6"	6"	12"	NO	2"
R2	19/32"	10d	6"	6"	12"	YES	2"

NOTE:

- DIAPHRAGM SHEATHING NAILS SHALL BE DRIVEN SO THAT THEIR HEADS ARE FLUSH WITH THE SURFACE OF THE SHEATHING.
- LONG DIMENSION OF SHEATHING TO BE PERPENDICULAR TO TRUSSES @ SHOP ROOF
- NAIL SIZES SHOWN ARE COMMON. 8d = 0.131"dia; 10d = 0.1483"dia

TYP ROOF SHEATHING DETAIL

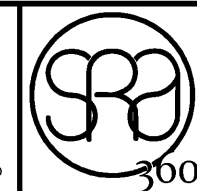
S-4 N.T.S.



PROJECT NUMBER	19-1252	PROJECT MANAGER	RAD
PROJECT ENGINEER	RAD	PROJECT DRAFTER	JSB

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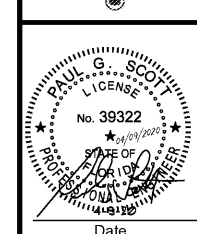
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Date

Revisions

11/13/19 - Prototype Update

Project No. 19-097

Drawn By:

Date: 03/06/20

Sheet Title:

WOOD SHEARWALLS & TYP DETAILS

Drawing No.

S-4
10RHS-11-2019