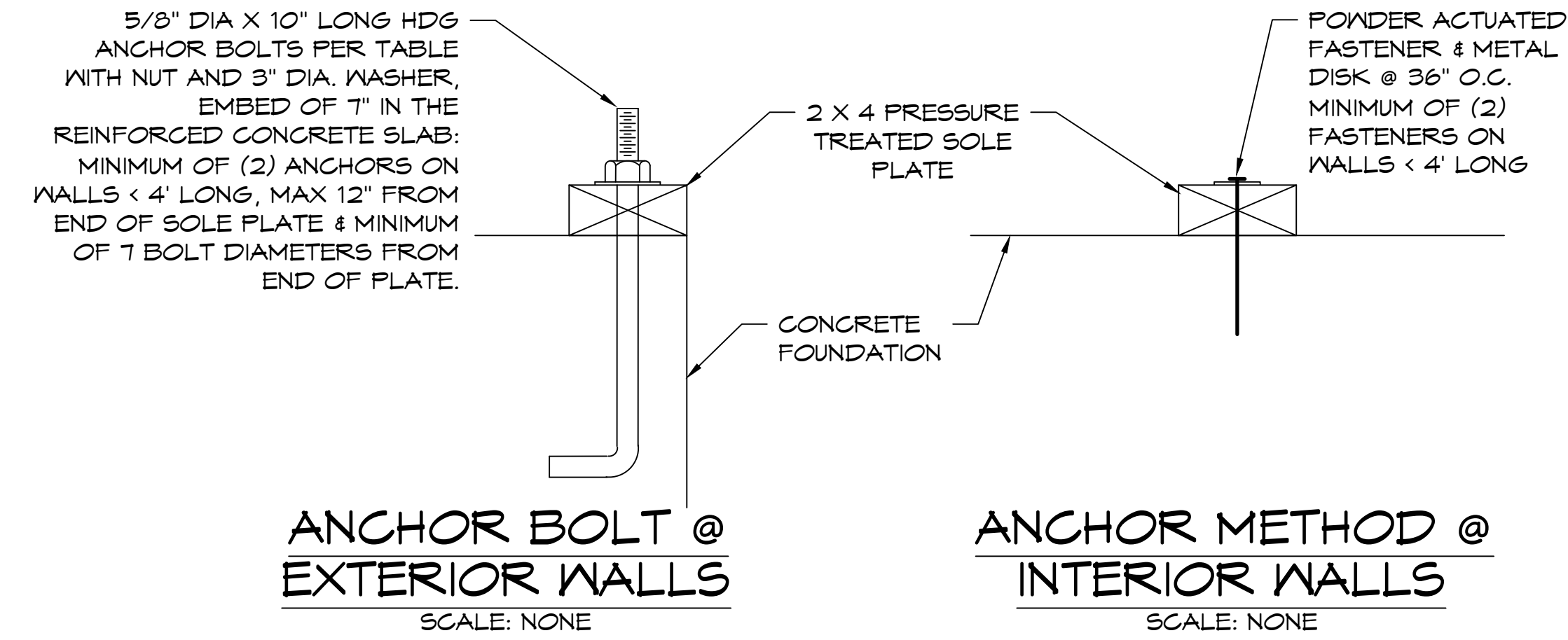


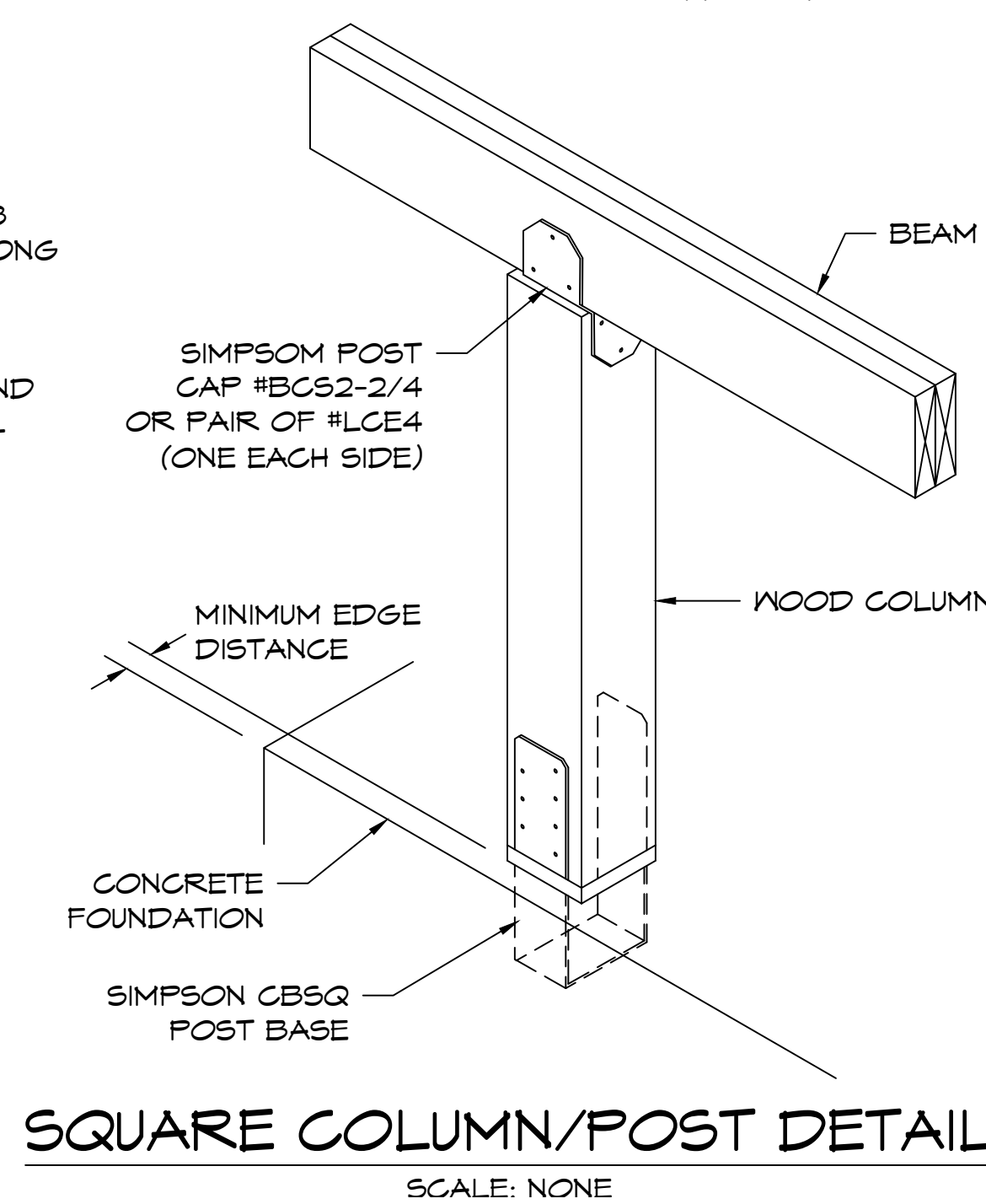
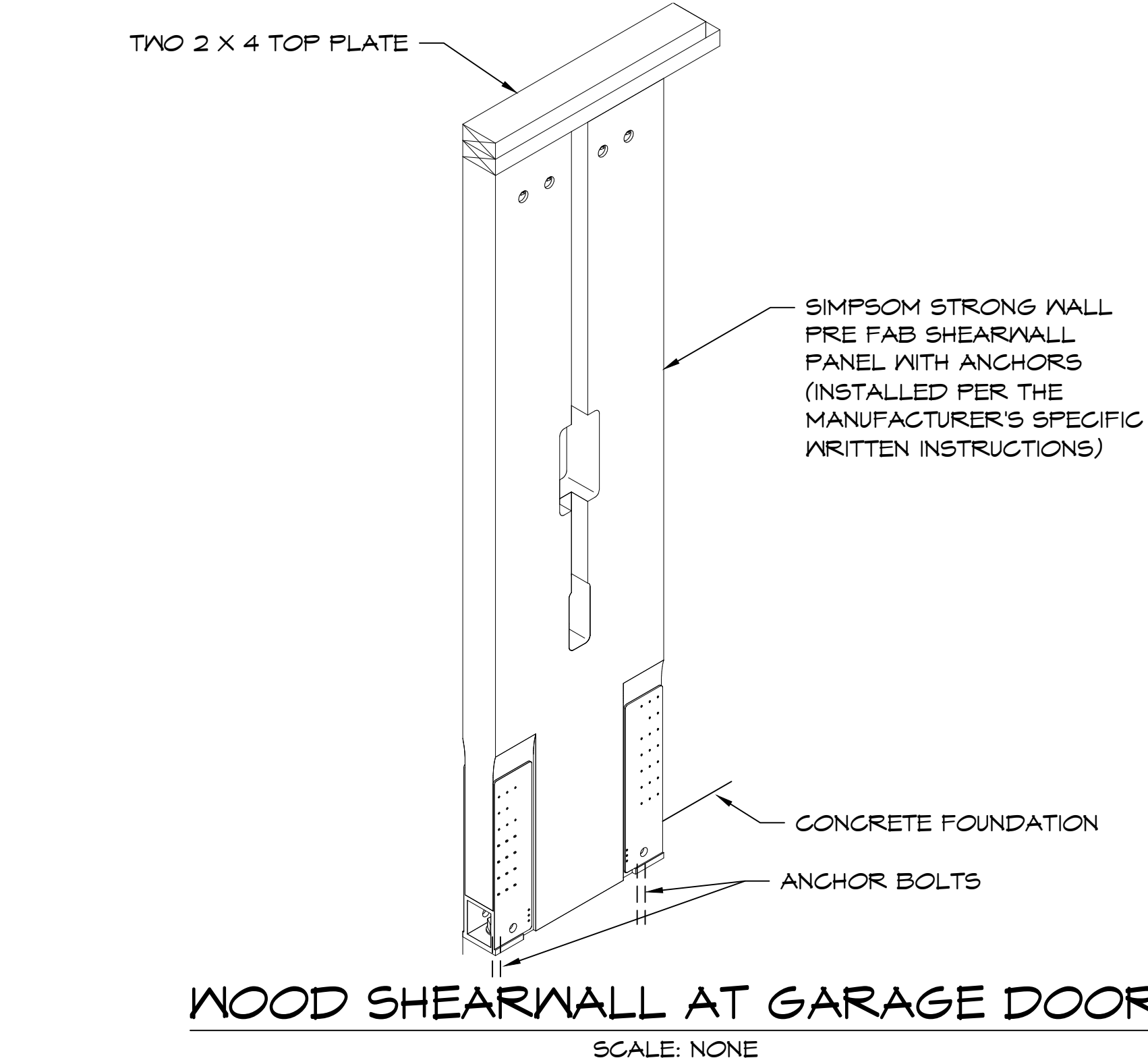
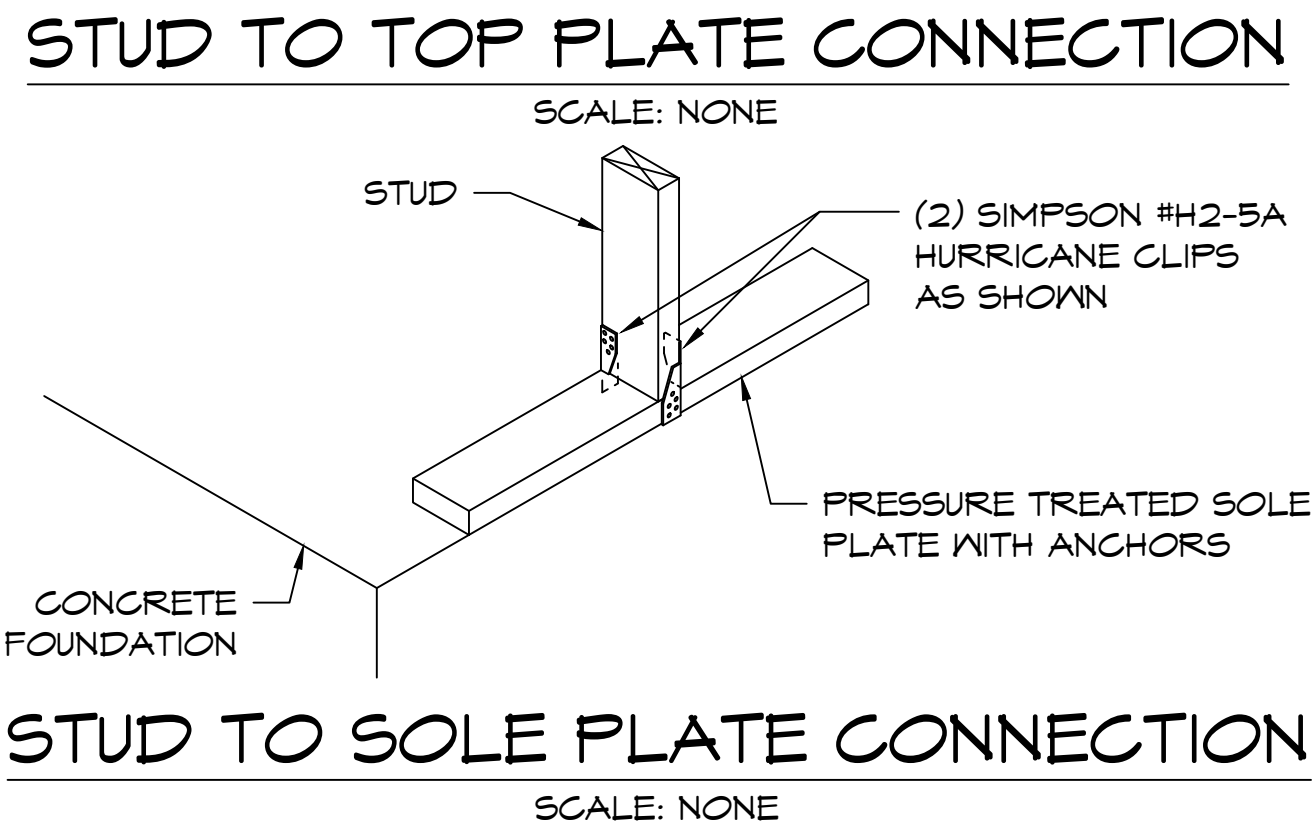
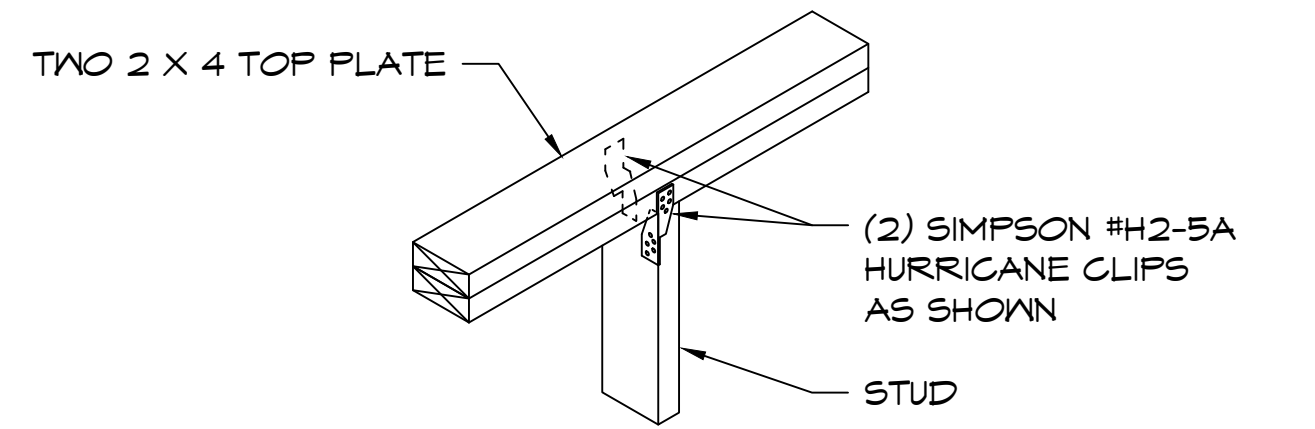
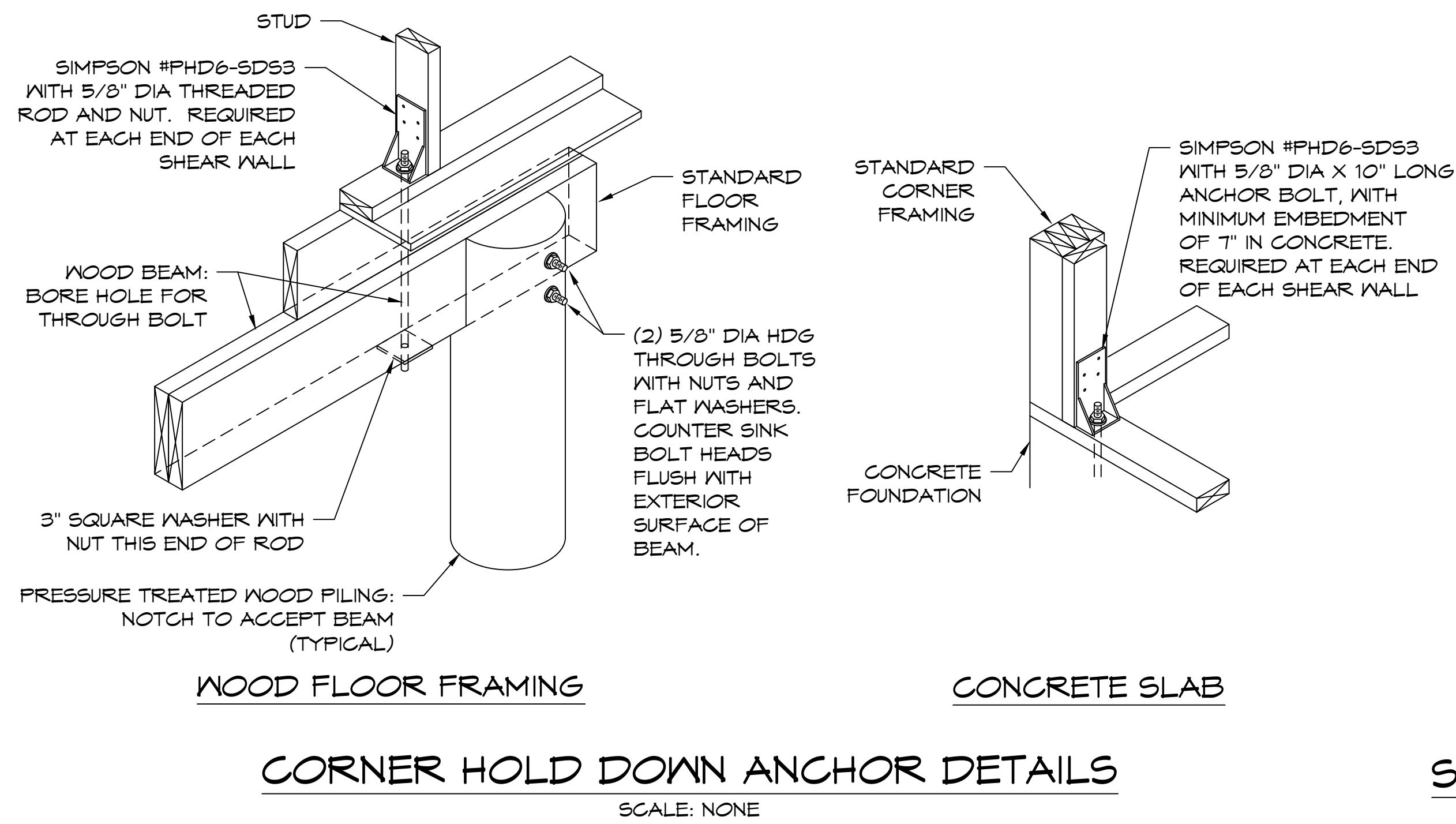
**NOTES:**

1. THE ACCOMPANYING DRAWINGS ARE THOSE OF A CUSTOM DESIGNED RESIDENTIAL STRUCTURE AND IS SITE SPECIFIC.
2. THE ACCOMPANYING FOUNDATION PLAN IS SITE SPECIFIC.
3. THE CRITERIA USED FOR THE DESIGN OF THE BUILDING IS STRUCTURE SPECIFIC.
  - A. THE STRUCTURE WAS DESIGNED FOR A 130 MPH WIND SPEED.
  - B. THE FLOOD ZONE WAS CONSIDERED.
  - C. THE DATA FROM THE LATEST EDITION OF THE "WOOD FRAME CONSTRUCTION MANUAL" AND THE INTERNATIONAL RESIDENTIAL CODE FOR ONE AND TWO FAMILY DWELLINGS" WAS CONSIDERED.
4. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL ALL COMPONENTS PER THE MANUFACTURERS SPECIFIC WRITTEN INSTRUCTIONS AND DIRECTIONS. ALL INSTALLATIONS SHALL BE DONE PER LOCAL CODES AND STANDARD PRACTICES.



**SILL OR SOLE PLATE TO FOUNDATION CONNECTIONS**

RESIST UPLIFT LOADS @ 140 MPH, EXPOSURE B			
BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION TO RESIST UPLIFT LOADS	FOUNDATION SUPPORTS	MAXIMUM ANCHOR BOLT SPACING (INCHES ON CENTER)	
UPLIFT	1 - 3 FLOORS	8' END ZONES	INTERIOR ZONES
		28 INCHES	33 INCHES
RESIST SHEAR LOADS @ 140 MPH, EXPOSURE B			
BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION TO RESIST SHEAR LOADS	FOUNDATION SUPPORTS	MAXIMUM ANCHOR BOLT SPACING (INCHES ON CENTER)	
SHEAR	1 - 3 FLOORS	1/2" DIA ANCHOR BOLTS	5/8" DIA ANCHOR BOLTS
		30 INCHES	45 INCHES



**JACK STUD REQUIREMENTS**

INTERIOR LOAD BEARING WALLS

HEADER SUPPORTING	HEADER SPAN IN FEET	ROOF SPAN											
		12 FEET				24 FEET				36 FEET			
		3"	4 1/2"	5"	6 1/2"	3"	4 1/2"	5"	6 1/2"	3"	4 1/2"	5"	6 1/2"
		NUMBER OF JACK STUDS REQUIRED											
ROOF AND CEILING	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1	1	1	2	1	1
	8	1	1	1	1	2	1	1	1	2	2	2	1
	10	1	1	1	1	2	2	1	1	3	2	2	2
ROOF, CEILING AND ONE CENTER BEARING FLOOR	12	1	1	1	1	2	2	2	1	3	2	2	2
	14	2	1	1	1	3	2	2	2	4	3	3	2
	16	2	1	1	1	3	2	2	2	4	3	3	2
	2	1	1	1	1	1	1	1	1	2	1	1	1
	4	1	1	1	1	2	1	1	1	3	2	2	2
ROOF, CEILING AND ONE CENTER BEARING FLOOR	6	2	2	1	1	3	2	2	2	4	3	3	2
	8	2	2	1	1	3	2	2	2	5	3	3	3
	10	2	2	2	1	4	3	3	2	6	4	4	3
	12	3	2	2	2	5	3	3	3	7	5	4	4
	14	3	2	2	2	5	4	3	3	8	5	5	4
16	4	3	2	2	6	4	4	3	9	6	5	5	

**EXTERIOR LOAD BEARING WALLS - EXPOSURE B**

HEADER SUPPORTING	HEADER SPAN IN FEET	HEADER WIDTH			
		3"	4 1/2"	5"	6 1/2"
		NO. OF JACK STUDS REQUIRED			
ROOF AND CEILING	2	1	1	1	1
	4	1	1	1	1
	6	2	2	2	2
	8	2	2	2	2
	10	3	2	2	2
ROOF, CEILING AND ONE CENTER BEARING FLOOR	12	3	2	2	2
	14	4	3	2	2
	16	4	3	3	2
	2	1	1	1	1
	4	2	1	1	1
ROOF, CEILING AND ONE CENTER BEARING FLOOR	6	2	2	2	1
	8	3	2	2	2
	10	4	3	2	2
	12	4	3	3	2
	14	5	3	3	3
16	5	4	3	3	

**EXPLANATION OF HEADER WIDTHS:**  
3" = (2) 2 X 4'S, 4 1/2" = (3) 2 X 4'S, 6 1/2" = (4) 2 X 4'S ALL WITH 1/2" PLYWOOD SPACERS BETWEEN

**MISCELLANEOUS HEADER DATA**

HEADER SPANS FOR INTERIOR LOAD BEARING WALLS \*

HEADER SUPPORTING	SIZE	12' W BUILDING	24' W BUILDING	36' W BUILDING
SINGLE STORY (CENTER BEARING)	(2) 2 X 4'S	4'-4"	3'-1"	2'-6"
	(2) 2 X 6'S	6'-5"	4'-6"	3'-8"
	(2) 2 X 8'S	8'-1"	5'-9"	4'-8"
	(2) 2 X 10'S	9'-11"	7'-0"	5'-9"
	(2) 2 X 12'S	11'-6"	8'-1"	6'-7"
	(3) 2 X 8'S	10'-2"	7'-2"	5'-10"
	(3) 2 X 10'S	12'-5"	8'-9"	7'-2"
	(3) 2 X 12'S	14'-4"	10'-2"	8'-3"
TWO STORY ONLY (CENTER BEARING)	(4) 2 X 8'S	11'-6"	8'-3"	6'-9"
	(4) 2 X 10'S	14'-4"	10'-1"	8'-3"
	(4) 2 X 12'S	17'-9"	11'-9"	9'-7"
	(2) 2 X 4'S	2'-10"	2'-1"	1'-8"
	(2) 2 X 6'S	4'-2"	3'-1"	2'-6"
	(2) 2 X 8'S	5'-4"	3'-11"	3'-3"
	(2) 2 X 10'S	6'-5"	4'-9"	3'-11"
	(2) 2 X 12'S	7'-6"	5'-6"	4'-7"
TWO STORY ONLY (CENTER BEARING)	(3) 2 X 8'S	6'-8"	4'-10"	4'-0"
	(3) 2 X 10'S	8'-1"	6'-0"	4'-11"
	(3) 2 X 12'S	9'-5"	6'-11"	5'-9"
	(4) 2 X 8'S	7'-8"	5'-8"	4'-8"
(4) 2 X 10'S	9'-4"	6'-10"	5'-8"	
(4) 2 X 12'S	10'-10"	8'-0"	6'-7"	

ALL HEADERS SHALL HAVE SOLID 1/2" PLYWOOD SPACERS BETWEEN LUMBER

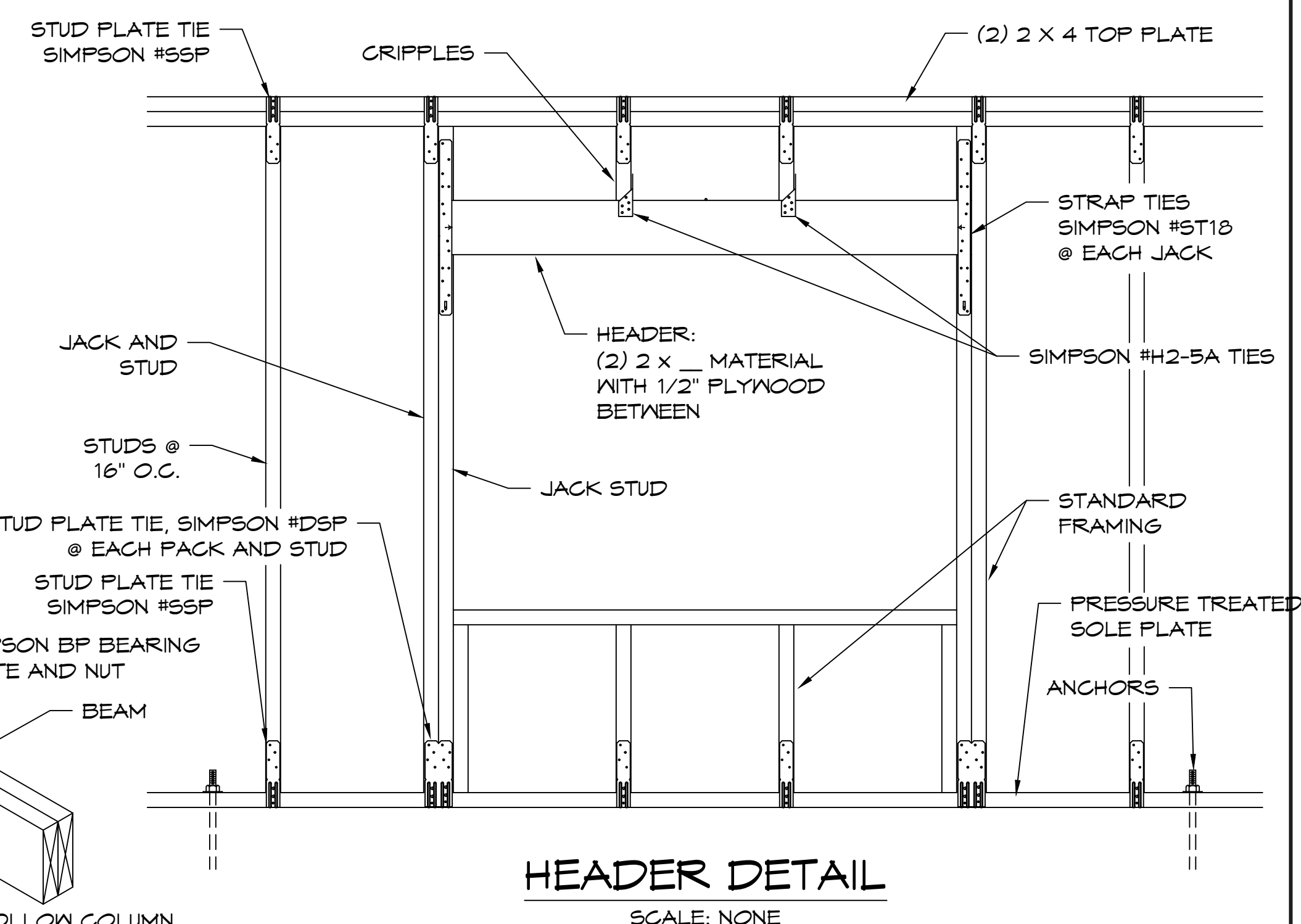
HEADER SPANS FOR EXTERIOR LOAD BEARING WALLS \*

HEADER SIZE	SPAN	NO. OF (FULL HEIGHT) STUDS REQUIRED @ EACH END
(2) 2 X 4'S	4'-7"	2
(2) 2 X 6'S	5'-6"	2
(2) 2 X 8'S	6'-1"	3
(2) 2 X 10'S	6'-8"	3
(2) 2 X 12'S	7'-1"	3
(3) 2 X 8'S	7'-5"	3
(3) 2 X 10'S	8'-3"	3
(3) 2 X 12'S	8'-8"	3
(4) 2 X 8'S	8'-7"	3
(4) 2 X 10'S	9'-6"	3
(4) 2 X 12'S	10'-0"	4

HEADER NAILING SCHEDULE \*

DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING	REMARKS
HEADER TO HEADER (FACE NAILED)	8d	10d	6" OC @ EDGES & 12" OC @ EDGES	

\* 140 MPH WIND, EXPOSURE-B WITH SOLID 1/2" PLYWOOD SPACERS. BUILDING WIDTH IS MEASURED PERPENDICULAR TO THE RIDGE. INTERPOLATE WIDTHS BETWEEN THOSE SHOWN



A RESIDENCE FOR:  
**MR. AND MRS. ORELLANA**  
13365 BIRDIE STREET, ABITA SPRINGS, LA. 70420

SCALE: SHOWN APPROVED BY: DRAWN BY:  
DATE: 9/20/2025 ANTHONY E. PONCETTI

SHEET 7/9 TYPICAL CONNECTION DETAILS DRAWING NUMBER: