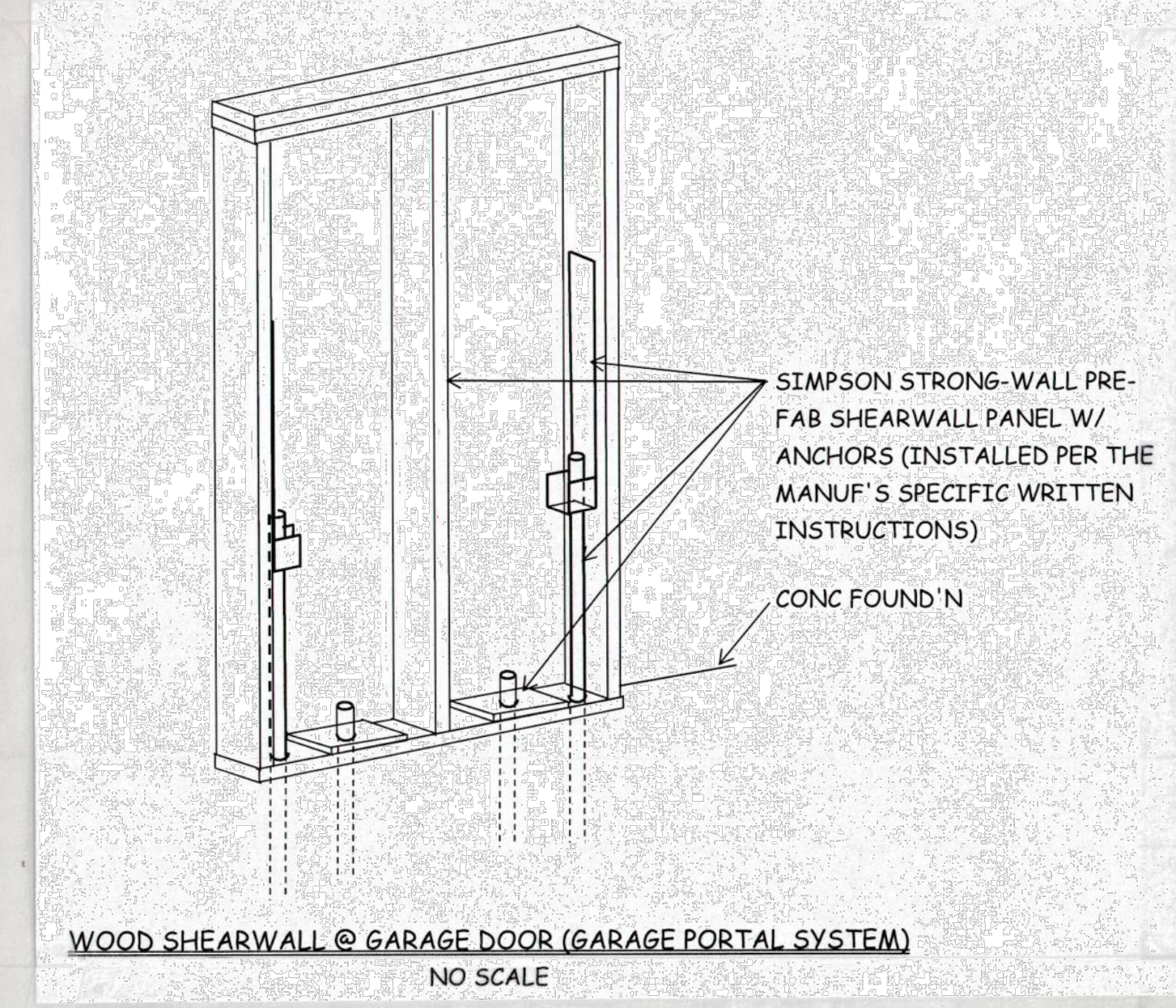
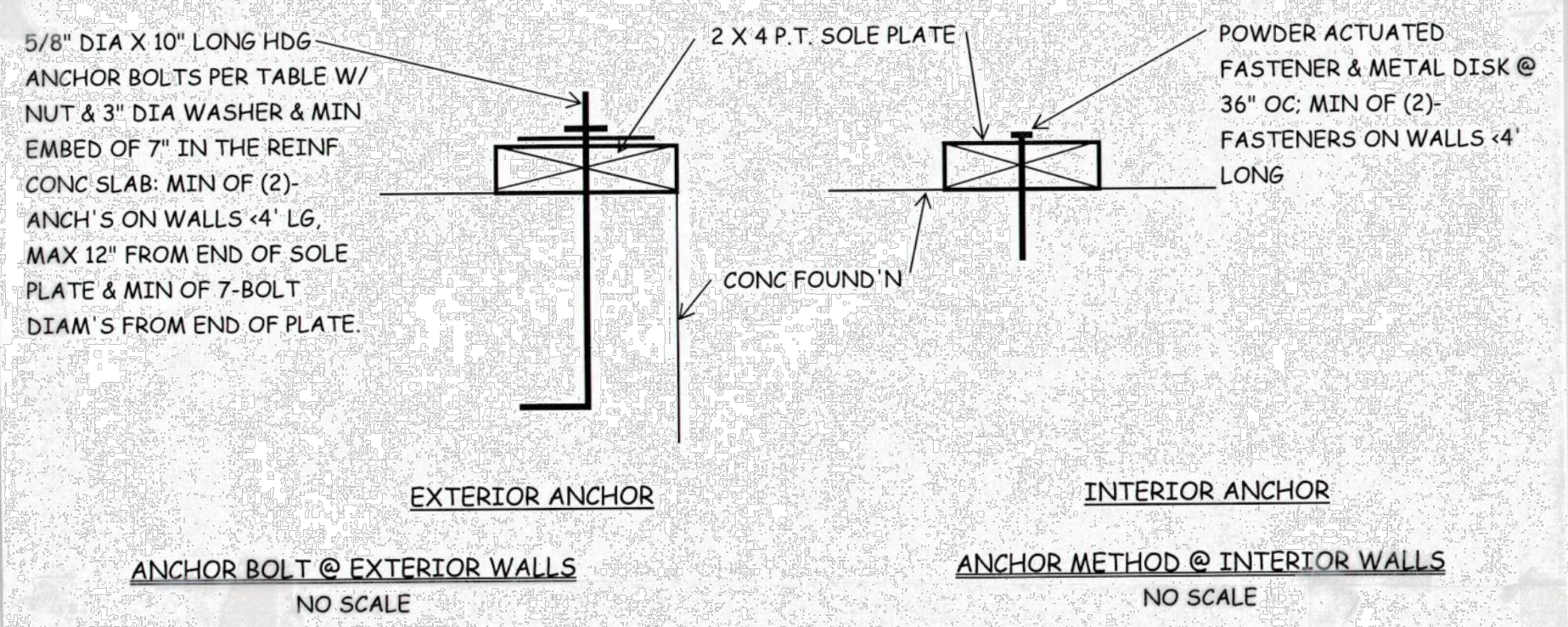
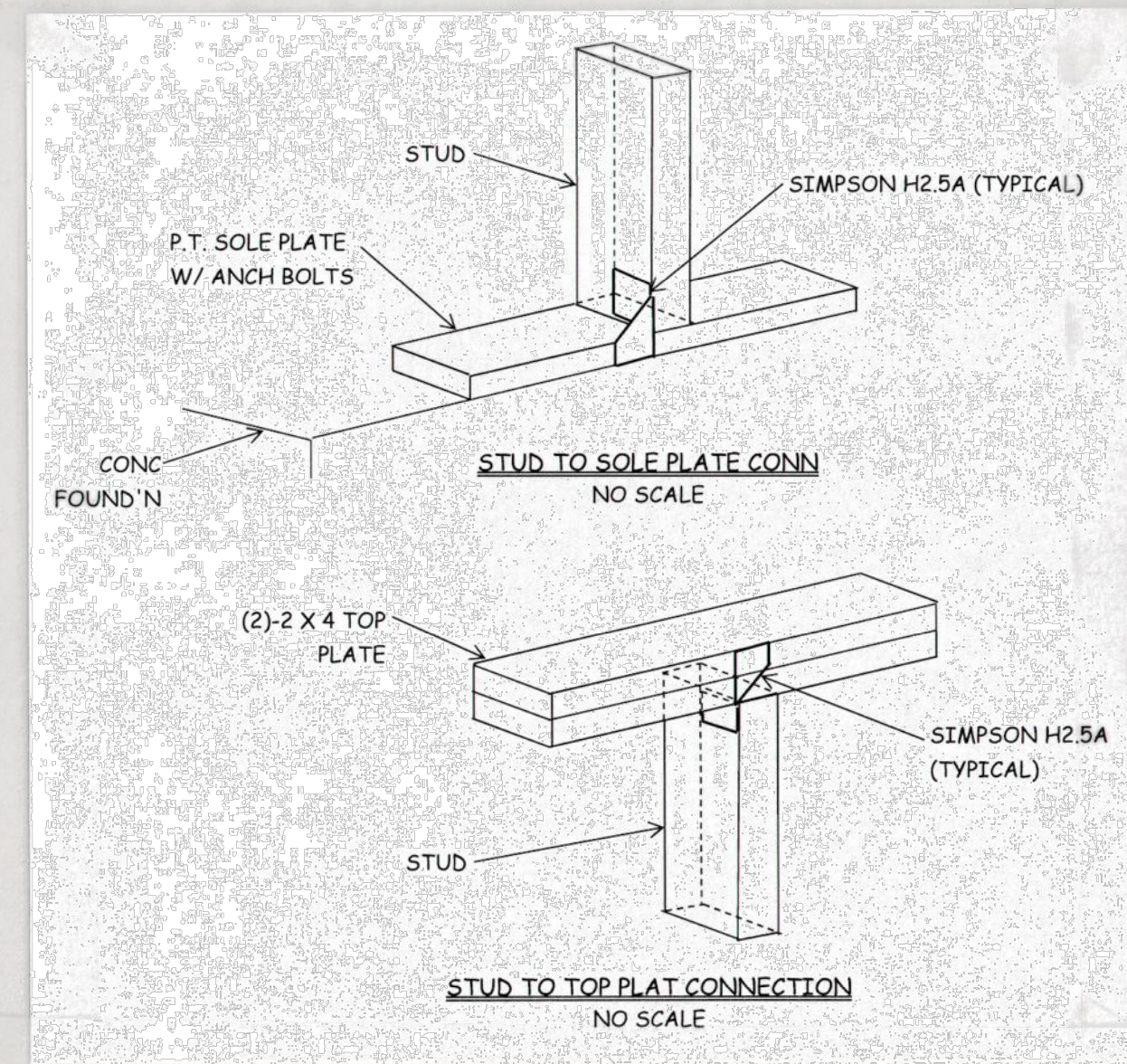


NOTES:

- THE ACCOMPANYING DRAWINGS ARE THOSE OF A CUSTOM DESIGNED RESIDENTIAL STRUCTURE AND IS SITE SPECIFIC.
 - BUILDING WAS DESIGNED FOR 130-MPH WIND ZONE.
 - THE DESIGNER INFORMATION IS SHOWN ON THIS SHEET.
- THE ACCOMPANYING FOUNDATION PLAN IS SITE SPECIFIC.
- THE CRITERIA USED FOR THE DESIGN OF THE BUILDING IS STRUCTURE SPECIFIC.
 - THE STRUCTURE IS DESIGNED FOR 130-MPH WIND SPEED.
 - THE FLOOD ZONE WAS CONSIDERED.
 - THE DATA FROM THE "2001 WOOD FRAME CONSTRUCTION MANUAL" AND THE "2009 INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO-FAMILY DWELLINGS" WAS CONSIDERED.
- FRAMING AND CONNECTION DETAILS SHOWN ON THIS SHEET:
 - ANCHOR BOLT (BOTTOM SOLE PLATE TO FOUNDATION) @ EXTERIOR WALL.
 - ANCHOR METHOD (BOTTOM SOLE PLATE TO FOUNDATION) @ INTERIOR WALL.
 - CORNER AND SHEARWALL HOLD DOWNS.
 - COLUMN CONNECTIONS.
 - SHEARWALL(S) AT EITHER SIDE OF GARAGE DOOR(S).
 - BOTTOM PLATE TO STUD.
 - PACK/JACK STUD TO HEADER @ EXTERIOR AND INTERIOR WALLS.
 - HEADERS.
 - STUD TO TOP PLATE.
 - TOP PLATE TO RAFTERS.
 - WALL TO WALL ASSEMBLY.
 - FRAMING AND BRACING OF GABLE WALLS.
 - WALL SHEATHING.
 - EXTERIOR CLADDING (VINYL SIDING APPLICATION AND FASTENING).
 - ROOF SHEATHING.
 - ROOF UNDERLAYMENT APPLICATION.
 - ROOF COVERING (SHINGLE APPLICATION AND FASTENING).
 - WINDBORNE DEBRIS PROTECTION AND FASTENING.
 - THERMAL COMPONENT CRITERIA.
 - INSULATION R-VALUES.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL ALL COMPONENTS PER THE MANUFACTURER'S SPECIFIC WRITTEN INSTRUCTIONS & DIRECTIONS. ALL INSTALLATIONS SHALL BE DONE PER LOCAL CODES AND STANDARD PRACTICES.



JACK STUD REQUIREMENTS									
INTERIOR LOAD BEARING WALLS									
HEADER SUPPORTING	HEADER SPAN (IN FEET)	ROOF SPAN							
		12-FOOT		24-FOOT		36-FOOT		NO. OF JACK STUDS REQ'D	
HDR WIDTH		3"	4 1/2"	5"	6 1/2"	3"	4 1/2"	5"	6 1/2"
ROOF & CEILING	2	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1	1
	8	1	1	1	2	1	1	2	2
	10	1	1	1	2	2	1	3	2
	12	1	1	1	2	2	1	3	2
	14	2	1	1	3	2	2	4	3
	16	2	1	1	3	2	2	4	3
ROOF, CEILING, & ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	2	1
	4	1	1	1	2	1	1	3	2
	6	2	1	1	3	2	2	4	3
	8	2	2	1	3	2	2	5	3
	10	2	2	2	4	3	2	6	4
	12	3	2	2	5	3	3	7	5
	14	3	2	2	5	4	3	8	5
	16	4	3	2	6	4	4	9	6

EXT LOAD BEARING WALLS - EXPOSURE-B									
HEADER SUPPORTING	HEADER SPAN (IN FEET)	HEADER WIDTH							
		3"		4 1/2"		5"		6 1/2"	
HDR WIDTH		NO. JACK STUDS REQ'D							
ROOF & CEILING	2	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1
	6	2	2	2	2	2	2	2	2
	8	2	2	2	2	2	2	2	2
	10	3	2	2	2	2	2	2	2
	12	3	2	2	2	2	2	2	2
	14	4	3	2	2	2	2	2	2
	16	4	3	3	2	2	2	2	2
ROOF, CEILING, & ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1
	4	2	1	1	1	1	1	1	1
	6	2	2	2	2	2	2	2	2
	8	3	2	2	2	2	2	2	2
	10	4	3	2	2	2	2	2	2
	12	4	3	3	2	2	2	2	2
	14	5	3	3	3	3	3	3	3
	16	5	4	3	3	3	3	3	3

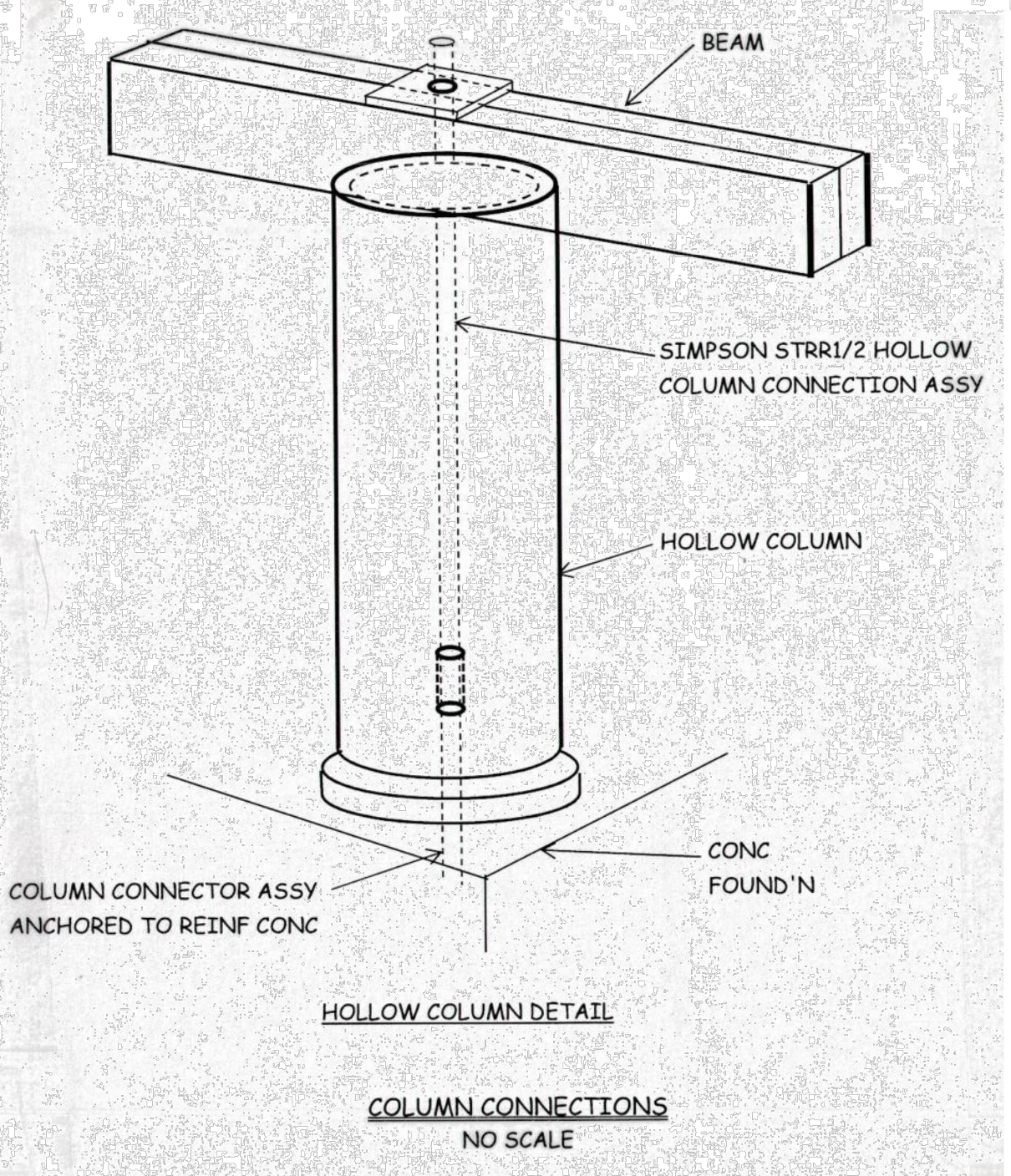
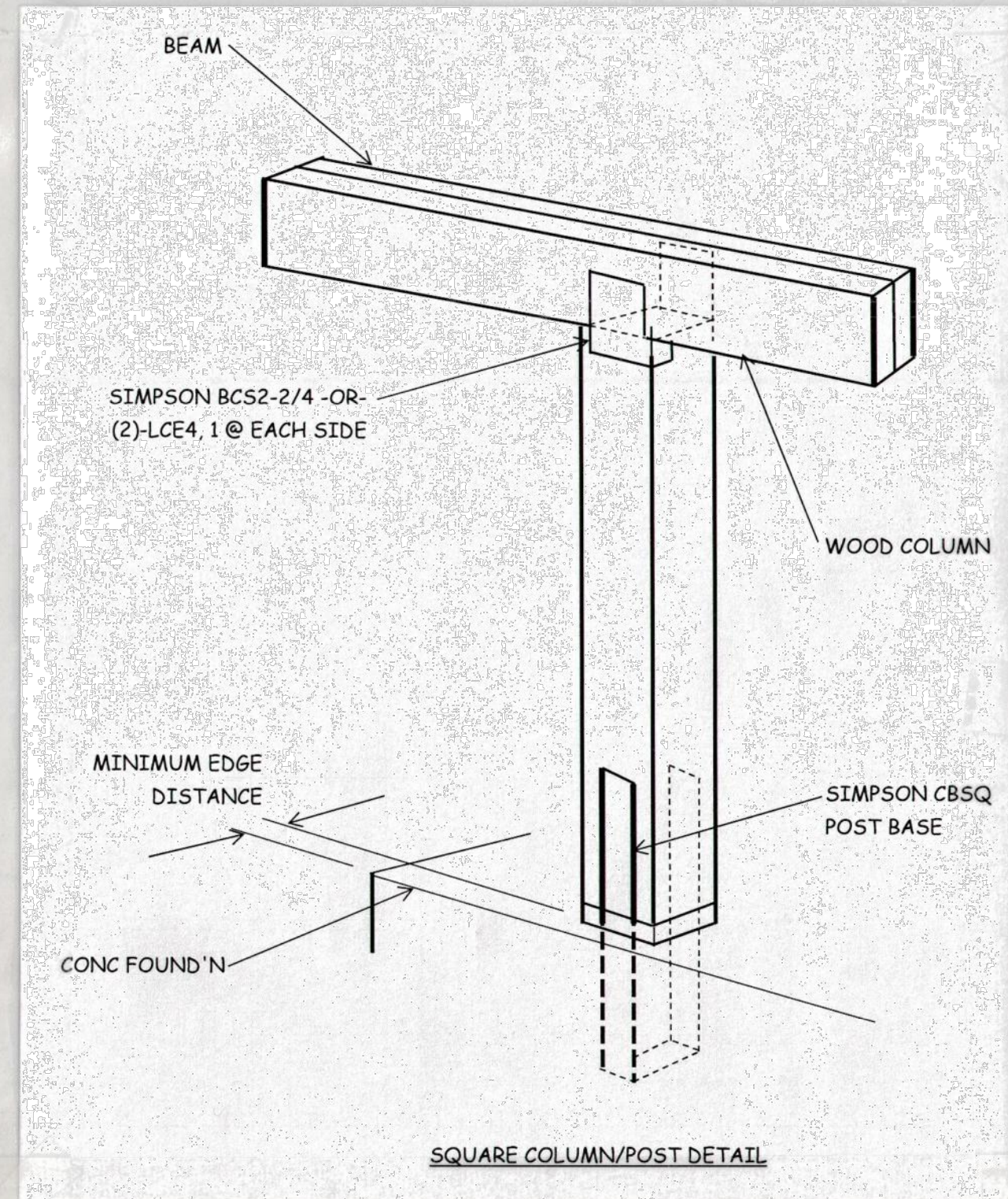
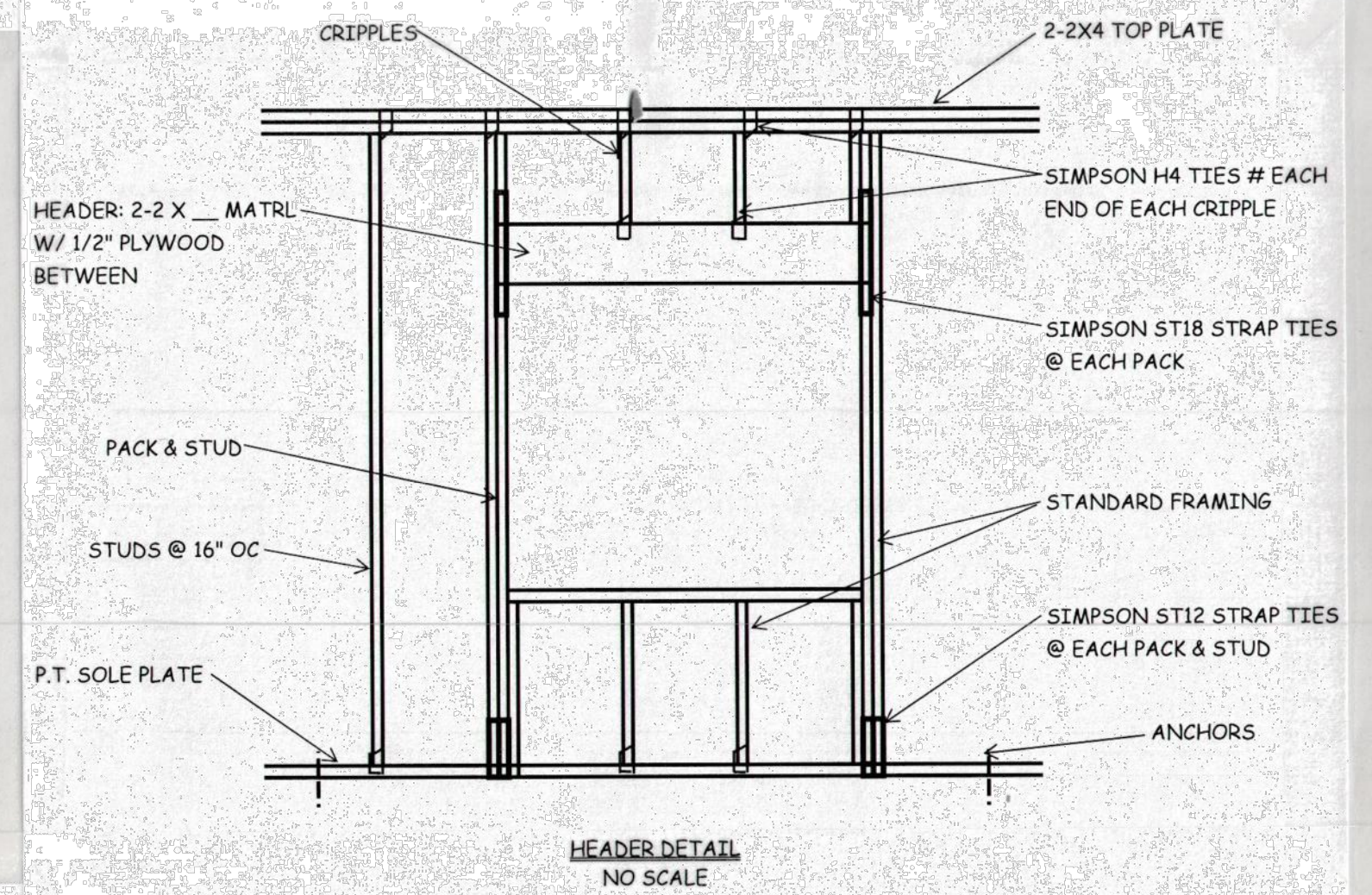
EXPLANATION OF HEADER WIDTHS:
 3" = (2)-2X's; 4 1/2" = (3)-2X's; 5" = 6.5"; 6 1/2" = (4)-2X's.
 ALL WITH 1/2" PLYWOOD SPACERS BETWEEN.

MISCELLANEOUS HEADER DATA				
HEADER SPANS FOR INTERIOR LOAD BEARING WALLS*				
HDR SUPPORTING	SIZE	12-FT W BLDG	24-FT W BLDG	36-FT W BLDG
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"
	(3) 2 X 12's	11'-6"	8'-1"	6'-7"
	(3) 2 X 8's	10'-2"	7'-2"	5'-10"
TWO STORY ONLY (CENTER BEARING)	(3) 2 X 10's	12'-5"	8'-9"	7'-2"
	(3) 2 X 12's	14'-4"	10'-2"	8'-3"
	(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"

HEADER SPANS FOR EXTERIOR LOAD BEARING WALLS*				
HDR SIZE	SPAN	NO. OF (FULL-HEIGHT) STUDS REQ'D @ EA SIDE		
(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		

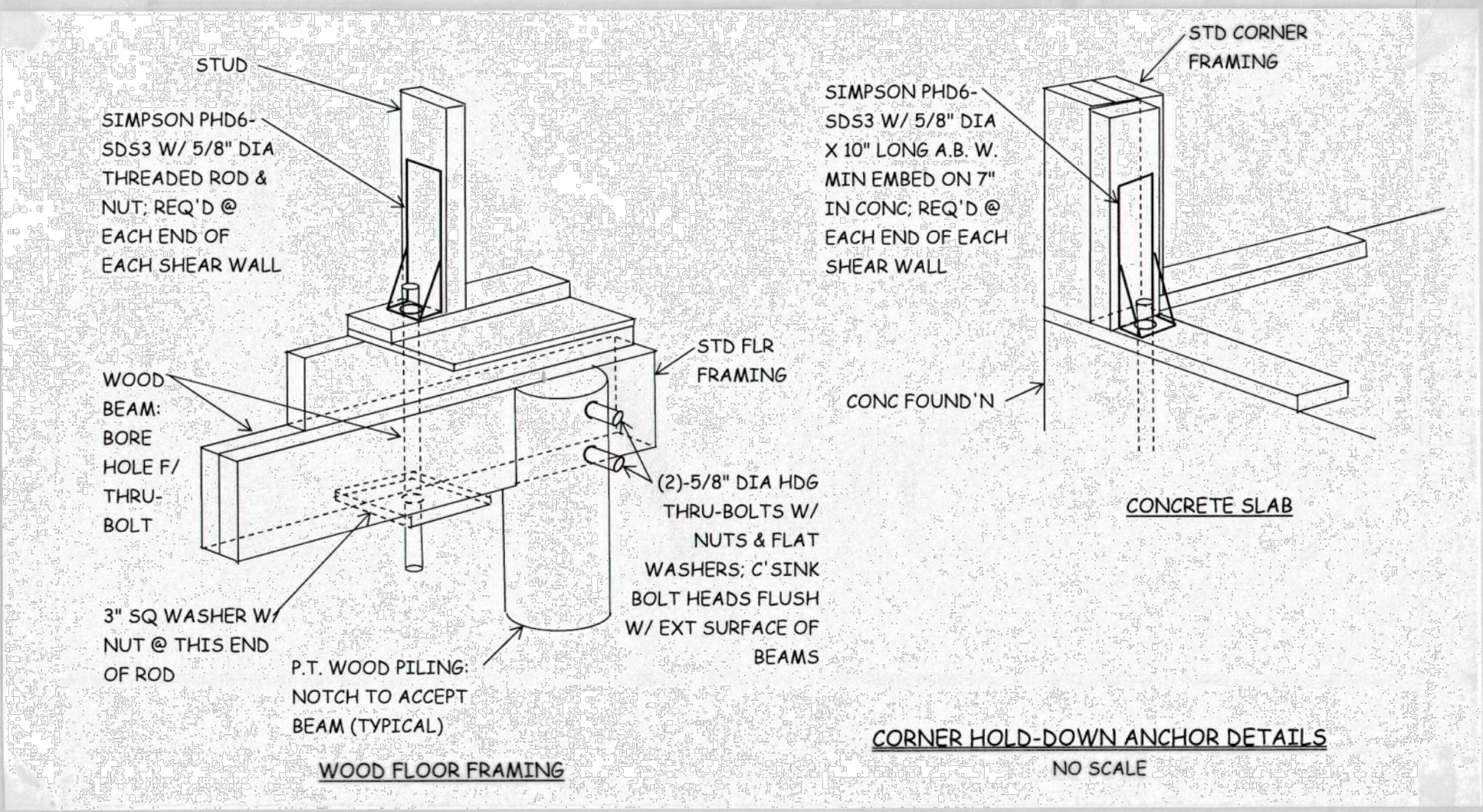
HEADER NAILING SCHEDULE*				
DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING	REMARKS
HEADER TO HEADER (FACE NAILED)	8d	10d	6" OC @ EDGES & 12" OC @ EDGES	

*140 MPH WIND; EXPOSURE-B WITH SOLID 1/2" PLYWOOD SPACERS BETWEEN LUMBER MEASURED PERP. TO THE RIDGE. INTERPOLATE WIDTHS BETWEEN THOSE SHOWN.



SILL OR SOLE PLATE TO FOUNDATION CONNECTIONS			
RESIST UPLIFT LOADS @ 140-MPH, EXPOSURE-B			
BOTTOM PLATE TO FOUND'N ANCHOR BOLT CONNECTION TO RESIST UPLIFT LOADS	FOUND'N SUPPORTS	MAXIMUM ANCHOR BOLT SPACING (INCHES ON CENTER)	
UPLIFT	1-3 FLOORS	8-FOOT END ZONES 28-INCHES	INTERIOR ZONES 33-INCHES

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



A RESIDENCE FOR:
 MR. AND MRS. KEITH P. JOURDAN
 LOT-6, SQUARE 2 OF BELLE ACRES SUBDIVISION, SUDBURY, LA.

SCALE: SHOWN APPROVED BY: DRAWN BY: ABBOTT ENGINEERS

DATE: SHEET 1/3

STANDARD DETAIL SHEET
 CONNECTION DETAILS DRAWING NUMBER: