

SHEAR WALL SCHEDULE															Holddown			Sill Plate Anchor Bolts (Note 6)		
Wood Structural Panels (note 8)		Studs		End Posts			Bottom Plate	Wood Structural Panel Nail Sizes and Spacings				Other Nail Sizes & Spacing			Manf. and Model	Anchor Bolt Size	Conc. Embed. (Note 9)	Size	Max. Spacing	Conc. Embed.
Minimum Thickness	Min. Grade and Span Rating	Size	Spacing	Lumber Grade and Species	Lumber Size	Number of Pys (Note 3)	Lumber Grade and Species	Lumber Grade and Species	To: Double Top Plate, Bottom Plate, Horizontal Blocking, End Posts (Note 2) and Studs @ Vertical Edges	To: Intermediate Studs	Double Top Plate Ply to Ply	Bottom Plate to Floor Sheathing	End Post Ply to Ply							
15/32"	APA Rated Sheathing 24/0 Exposure 1	2x6	16"	No.2 S-P-F	2x6	2	Stud S-P-F	No. 2 Pressure Treated S.P.	.131"x3" @ 4"	.131"x3" @ 12"	2 lines of .131"x3" @ 8" (Note 4)	N.A.	(Note 3)	Simpson HTT22	3/4"	9"	1/2"	32"	(Note 6)	

Shear Wall Schedule Notes:

- Size, grade and species of double top plate shall match studs.
- Where 2 ply end posts are used, the panels shall be fastened to each ply with one line of nails at double the spacing shown in the Shear Wall Schedule.
- Laminate plys of 2 ply end posts to each other with 1 line of .131"x3" @ 6".
- Laminate plys of double top plate to each other with 2 lines of nails sized and spaced as shown in the Shear Wall Schedule.
- In addition to the maximum sill plate anchor bolt spacing, there shall be a minimum of 2 sill plate anchor bolts per piece of plate.
- Minimum concrete embedment for sill plate anchor bolts shall be 7" for cast -in-place anchor bolts and 5-1/2" for expansion anchor bolts.
- The minimum horizontal or vertical dimension of any individual sheathing panel within a wall shall not be less than 2'-0" without permission of the structural engineer.
- Review structural details for possible additional nailing requirements.
- The hold down anchor bolts shall be drilled through the hold down and fastened with an adhesive. Care shall be taken to prepare the hole and install the anchor as required by the adhesive manufacturer.

NONSHEAR EXTERIOR WALL SCHEDULE														
Wall Description	Wood Structural Panels (note 9)		Studs		Sill Plate	Nail sizes and spacings						Sill Plate Anchor Bolts (Note 4)		
	Minimum Thickness	Grade and Span Rating	Size	Spacing	Lumber Grade and Species	Lumber Grade and Species	Wall sheathing to :				Double Top Plate Ply to Ply	Bottom Plate to Floor Sheathing	Diameter & Spacing	Conc. Embed.
							Double Top Plate (Note 2)	Sill Plates, Sole Plates, and Studs @ Vertical Edges	Intermediate Studs	Rim Board				
Exterior Walls other than Shear Walls	15/32"	APA Rated Sheathing 24/0 Exposure 1	2x6	16"	No. 2 S-P-F	No. 2 Pressure Treated S.P.	.131"x3" @ 6"	.131"x3" @ 6"	.131"x3" @ 12"	.131"x3" @ 6"	(Note 3)	.131"x3" @ 6"	1/2" A.B. @ 6" -0" max.	(Note 5)

Nonshear Exterior Wall Schedule Notes:

- Size, grade and species of double top plate and sole plate shall match studs.
- Where the wood structural panels lap over the top ply of the double top plate by 3/4" or more, the panels shall be fastened to each ply with one line of nails at double the spacing shown in the Nonshear Wall Schedule.
- Laminate plys of double top plate to each other with 1 line of .131"x3" @ 12", except at the top plate splice, where the two plys will be nailed as shown in the top plate splice detail.
- There shall be a minimum of 2 sill plate anchor bolts per section of plate and anchor bolts shall be placed a minimum of 12" from each end of each section of plate.
- Minimum concrete embedment for sill plate anchor bolts shall be 7" for cast -in-place anchor bolts and 5-1/2" for expansion anchor bolts.
- The minimum horizontal or vertical dimension of any individual sheathing panel within a wall shall not be less than 2' - 0" without permission of the structural engineer.

ROOF AND CEILING STRUCTURAL WOOD PANEL SCHEDULE					
Location	Minimum Thickness	Grade and Span Rating	Nail sizes and spacings (note 1.)		
			Diaphragm Boundry Nailing	Rafters, Trusses, Headers Nailers, and Blocking @ Edges	Intermediate Framing
Roof	19/32 " or 5/8"	APA Rated Sheathing 24/0 Exposure 1	.131"x3" @ 6"	.131"x3" @ 6"	.131"x3" @ 12"
Ceiling	15/32 "	APA Rated Sheathing 24/0 Exposure 1	.131"x3" @ 6"	.131"x3" @ 6"	.131"x3" @ 12"

Roof Sheathing Schedule Notes:

- Refer to structural details for possible additional nailing requirements.
- The minimum horizontal or vertical dimension of any individual sheathing panel shall not be less than 2'-0" without permission of the structural engineer.

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SHEAR WALL SCHEDULE	PROJECT: CHESTER WELCOME CENTER
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REV	DATE	DESCRIPTION
1	12/16/08	REVISIONS PER IDOT COMMENTS

DRAWN BY: DJH	SHEET
DESIGNED BY: DJH	<b>S7</b>
CHECKED BY: KPC	OF 9 SHEETS
APPROVED BY: KPC	PROJECT DESCRIPTION
PROJECT NUMBER: T33050421	

- ISSUED FOR REVIEW
- ISSUED FOR BIDDING
- ISSUED FOR CONSTR.
- RECORD DRAWING