

| 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 | Lumber Size | Spacing | Lumber Grade and Species | Lumber Size | Number of Plys (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 | No.2 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 | Lumber 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. |
| 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. | Sill Plates, Sole Plates, and Studs @ Vertical Edges | | | | (Note 3) | .131"x3" @ 6" | 1/2" A.B. @ 6"-0" max. | (Note 5) |
| | | | | | | | Double Top Plate (Note 2) | Sill Plates, Sole Plates, and Studs @ Vertical Edges | Intermediate Studs | Rim Board | | | | |
| | | | | | | | .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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|---------------------|------------------------|
| TITLE | PROJECT |
| SHEAR WALL SCHEDULE | CHESTER WELCOME CENTER |

| REV. | DATE | DESCRIPTION |
|------|---------|-------------------|
| 1 | 2/23/08 | FRAMING REVISIONS |
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