



Marion County Building Department - Residential Garage/Shop

General Project Submittal Information

PROVIDE

- Two (2) sets of site plans,
- Two (2) sets of erosion control plans (if required),
- Two (2) sets of structural plans.
- Two (2) sets of truss details
- Required permits:
 - Building permit,
 - Plumbing permit (if rain drains are installed),
 - Electrical permit (if applicable),
 - Erosion control permit (if applicable).

BUILDING INFORMATION ENTERED

- WIDTH (SHEET 7)
- LENGTH (SHEET 7)
- OPENING LOCATION (SHEET 7)
- OPENING SIZES (SHEET 7)
- ROOF SLOPE (SHEET 10)
- WALL HEIGHT (SHEET 9)
- ELEVATION
- SHEET NUMBER



Marion County Building Department - Residential Garage/Shop

Residential Garage / Shop
Double Door On Eave side of Building

General Notes:

Size Maximum of 25' X 25'

Design Criteria

95 mph wind, exposure "C"

Seismic Design Category D1

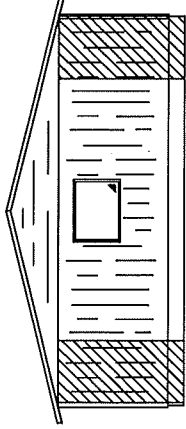
Roof snow load: (live load with minimum of 3:12 pitch)

25 psf up to 500 foot elevation

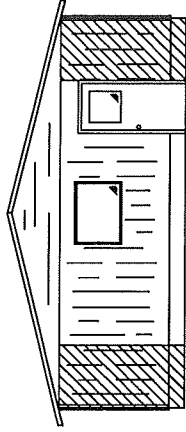
NOTE: above 500 foot elevation may require new header size

Construction Notes:

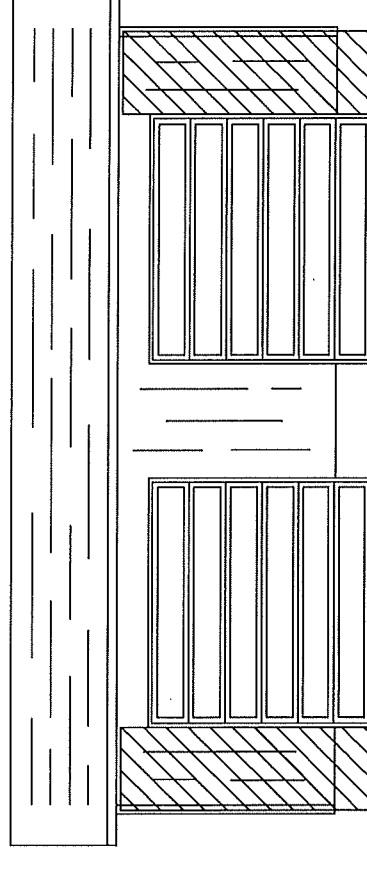
1. Verify all set backs to property lines with Planning Department
2. Check erosion control requirements (if applicable)
3. Garage/Shop shall be a minimum of 3'-0" set back from other Buildings on the same property without fire protection.
4. A separate plumbing permit is required for rain drains



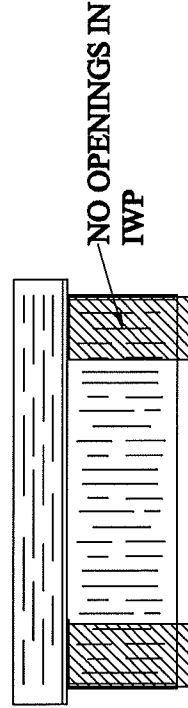
LEFT SIDE ELEVATION



RIGHT SIDE ELEVATION



FRONT ELEVATION



REAR ELEVATION

IWP = INTERMITTENT WALL PANEL

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Residential Garage / Shop
Double Door On Gable side of Building



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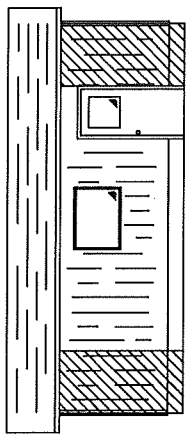
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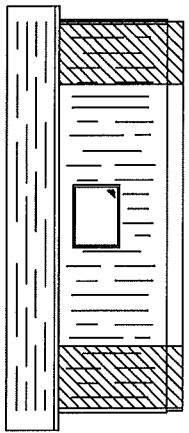
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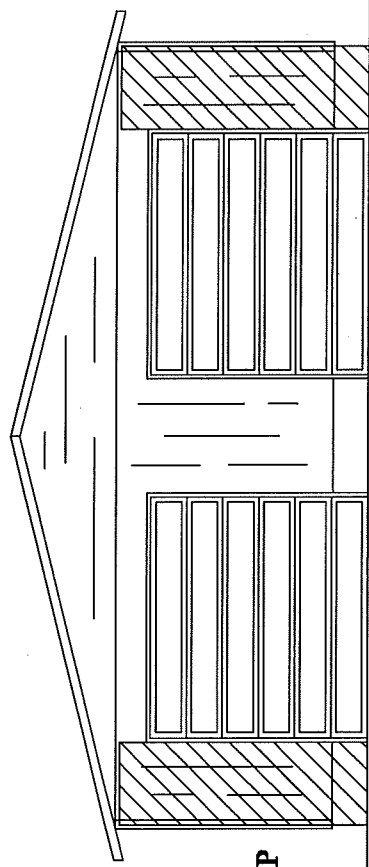
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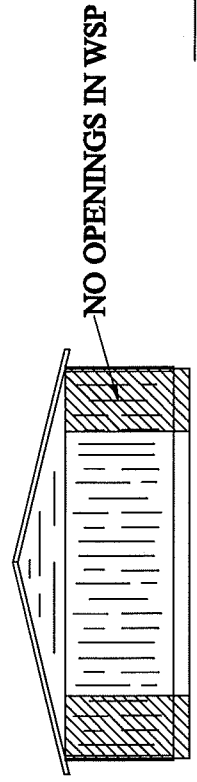
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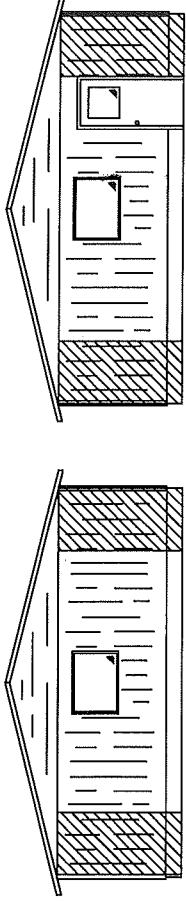
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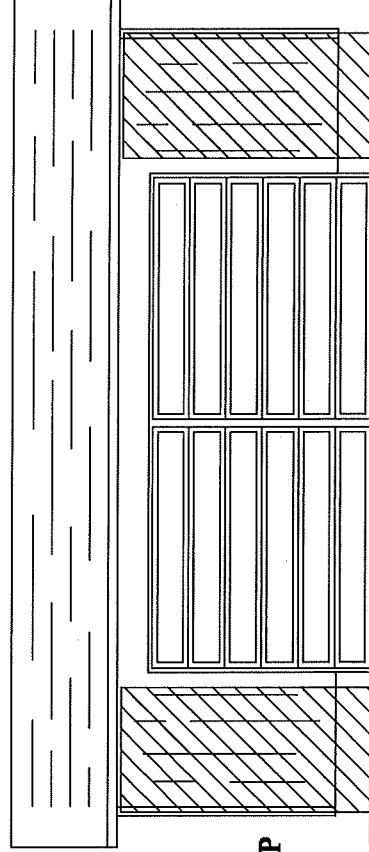
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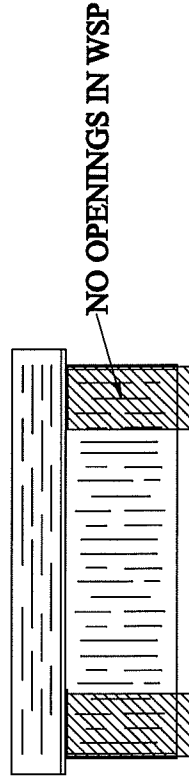


LEFT SIDE ELEVATION

RIGHT SIDE ELEVATION



FRONT ELEVATION



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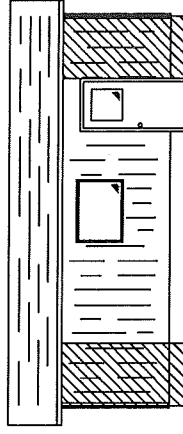
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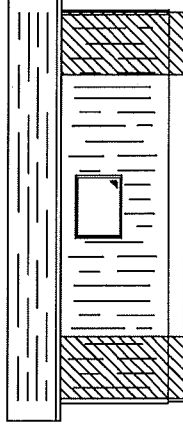
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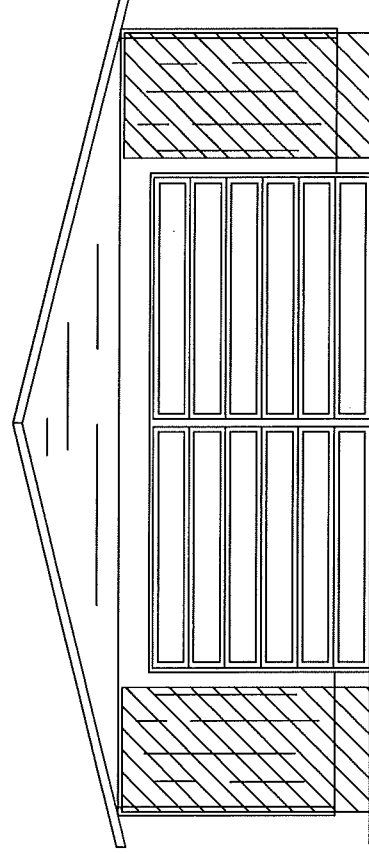
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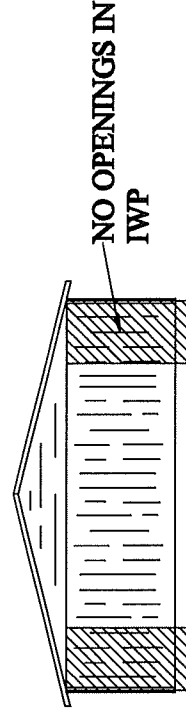
RIGHT SIDE ELEVATION



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FRONT ELEVATION



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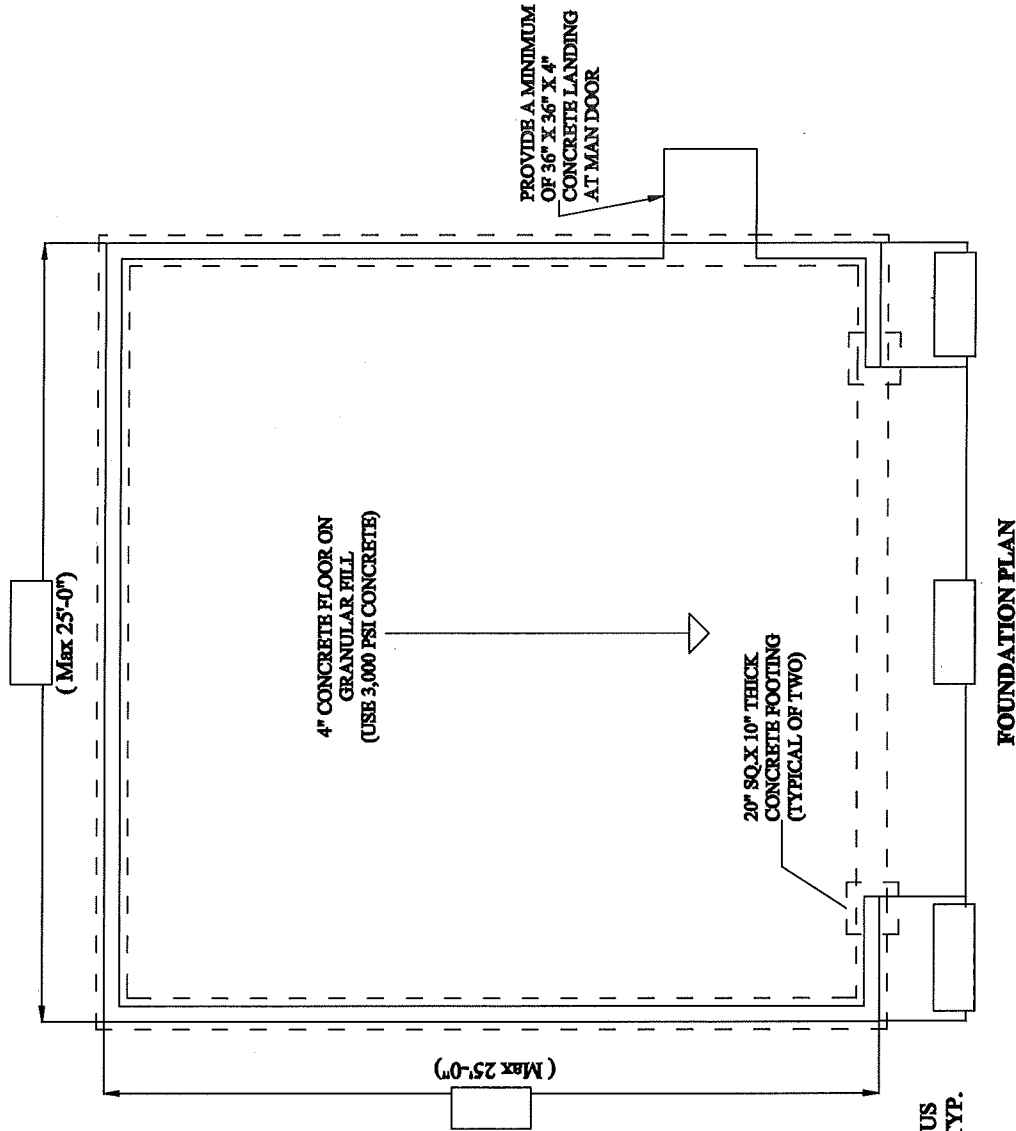
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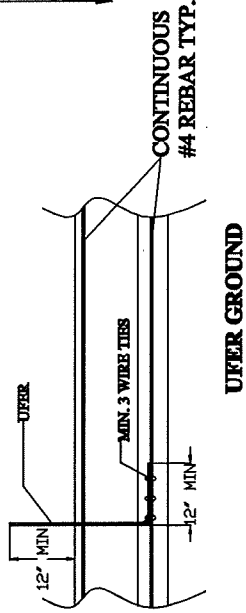
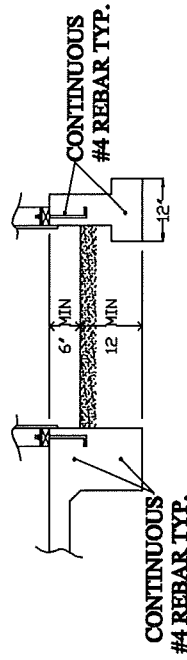


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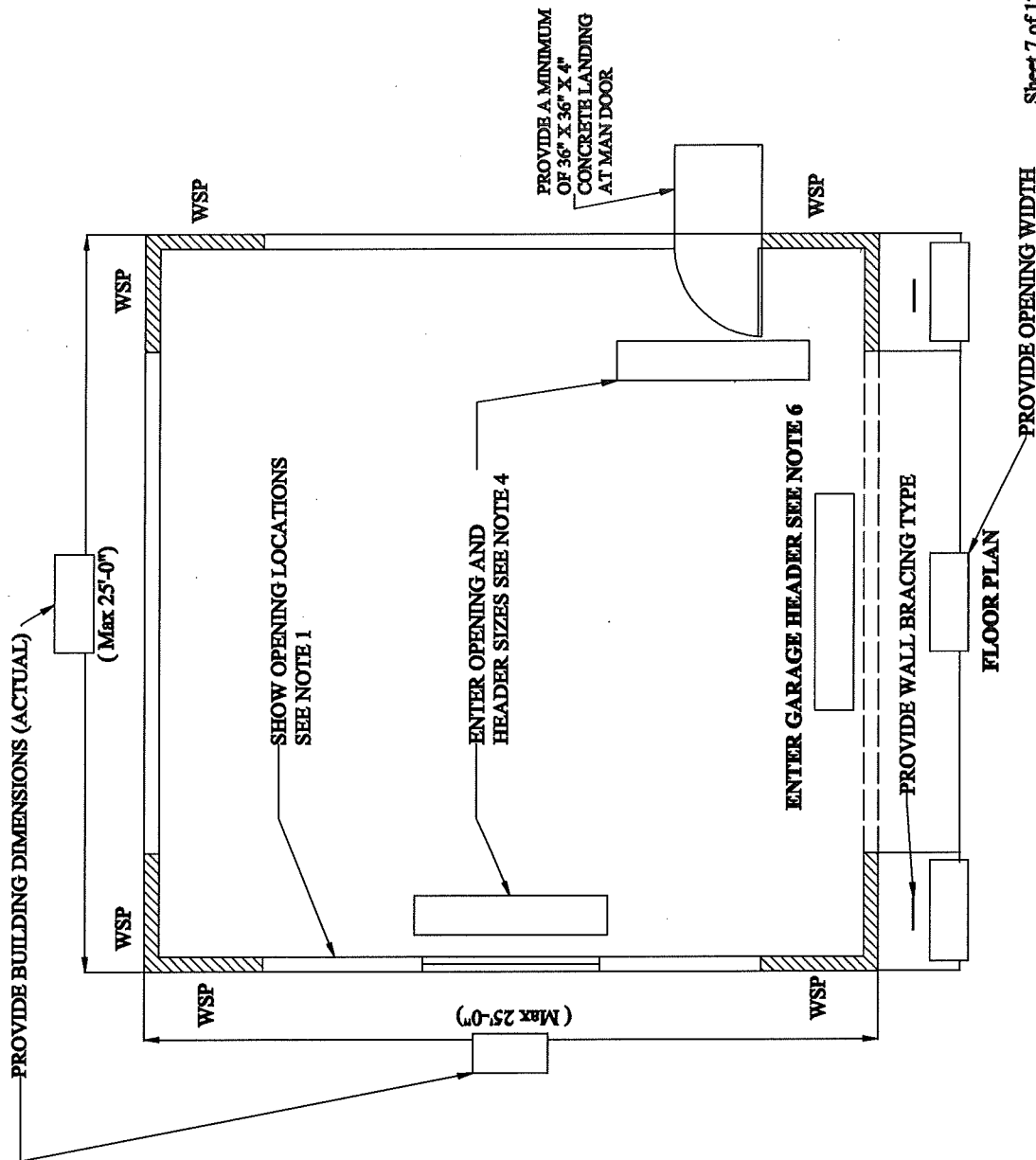
1. Footings shall bear on native soil, a minimum of 12 inches below finish grade
2. Use a minimum of 3,000 psi concrete unless noted otherwise
3. Anchor bolts shall be 1/2" X 10" with 7" embedment with a 3" X 3" X 0.29" galvanized washer. Anchor bolts shall be spaced a maximum of 6'-0" on center, with one bolt within 12 inches of the end of each plate. A minimum of two anchor bolts per plate.
4. Provide ufer ground in footings for electrical bonding (grounding) see detail



TYPICAL FOUNDATION SECTION



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Construction Notes:

1. Doors and windows may be placed anywhere between the Wood Structural Panels (WSP), Alternate Brace Wall (ABW), or Intermittent Portal Frame (PFH). No door or windows shall be installed in, or encroach into a Intermittent Wall Panel.
2. Exterior landing(s) shall not be more than 8 inches below the top of the exterior threshold and not less than 36" X 36"
3. Maximum wall height (plate to plate) is 10'-0". Use full height studs
4. Headers shall be a minimum of 4"X 8" #2 DFL for openings up to 6 feet.
5. Headers shall be a minimum of 4"X12" #2 DFL for openings over 6 feet to 9 feet.
6. Headers shall be a minimum of 3 1/8"X13 1/2" 24F-V4 Chi-lam for openings more than 9 feet to 16 feet.

- PREScriptive WALL BRACING
 - WOOD STRUCTURAL PANELS - WSP
 - ALTERNATE BRACED WALL - ABW
 - INTERMITTENT PORTAL FRAME - PFH
- CONSTRUCTION DETAILS REFER TO SHEETS 10, 11 & 12

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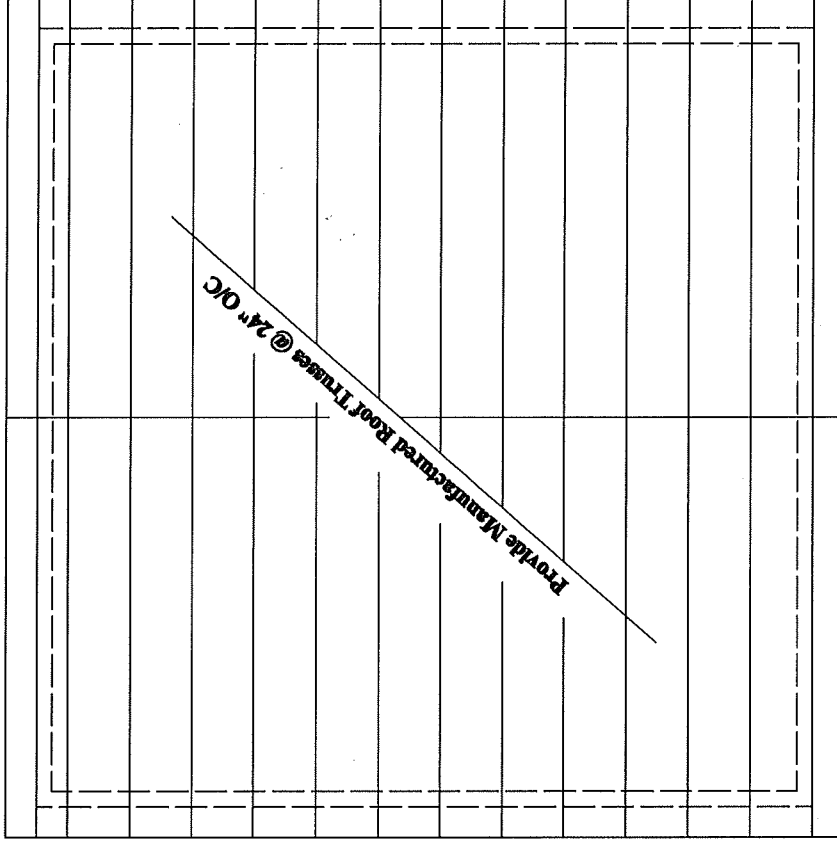
Construction Notes:

Roof sheathing

1. 7/16" OSB or 15/32" CDX
2. Nailed with 8d common at 6" supporting edge and 12" field.

Roof coverings

1. On roofs with slopes of 2:12 or greater may use composition shingles or roll roofing.
2. Wood shingles may be used on roofs with a slope of 3:12 or greater
3. Metal roofing may be used
4. Install 15-pound felt under all roof coverings Offset overlapping layers by 18 inches.
5. Use two layers of 15-pound felt when the roofs slope is less than 4:12.
6. Do not use tile, clay, or concrete shingles without new header calculation.



ROOF PLAN

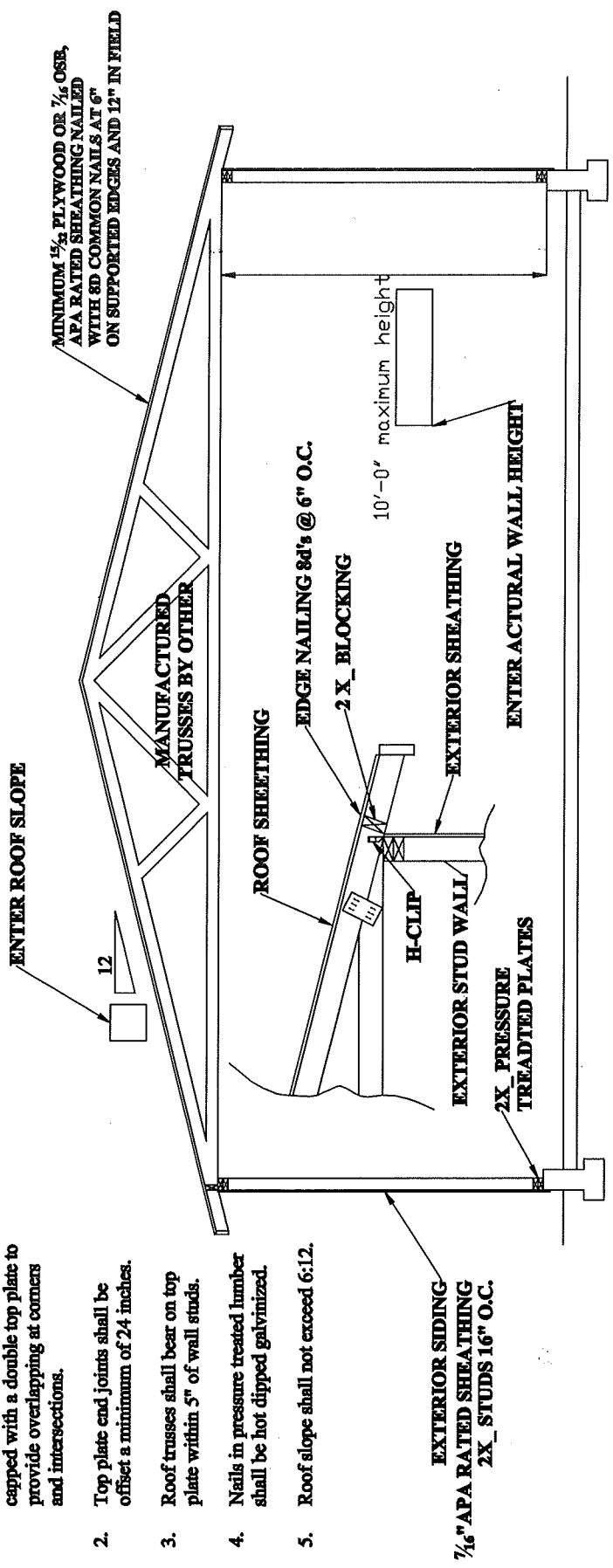
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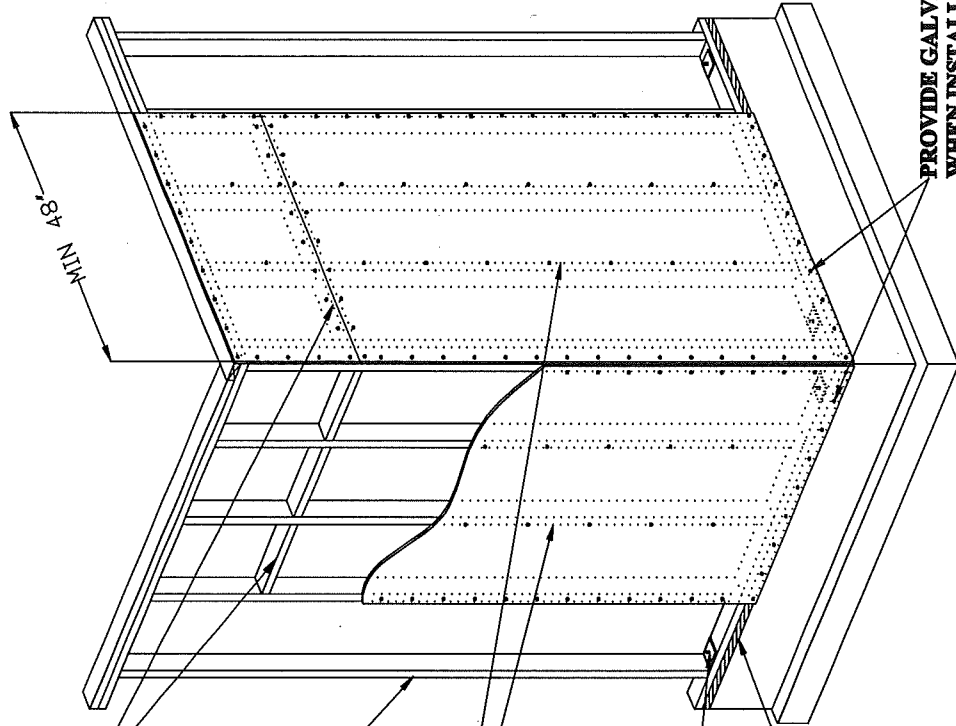
Use full height studs.

1. Exterior wall studs shall be capped with a double top plate to provide overlapping at corners and intersections.
2. Top plate end joints shall be offset a minimum of 24 inches.
3. Roof trusses shall bear on top plate within 5" of wall studs.
4. Nails in pressure treated lumber shall be hot dipped galvanized.
5. Roof slope shall not exceed 6:12.



CROSS SECTION

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PROVIDE MINIMUM OF 2 X_ AT PANEL EDGES

2X_ STUDS AT 16" O.C.

PROVIDE MINIMUM OF
3/8" STRUCTURAL SHEATHING
NAILING 6d COMMON AT
6" O.C. EDGE AND 12" O.C. FIELD

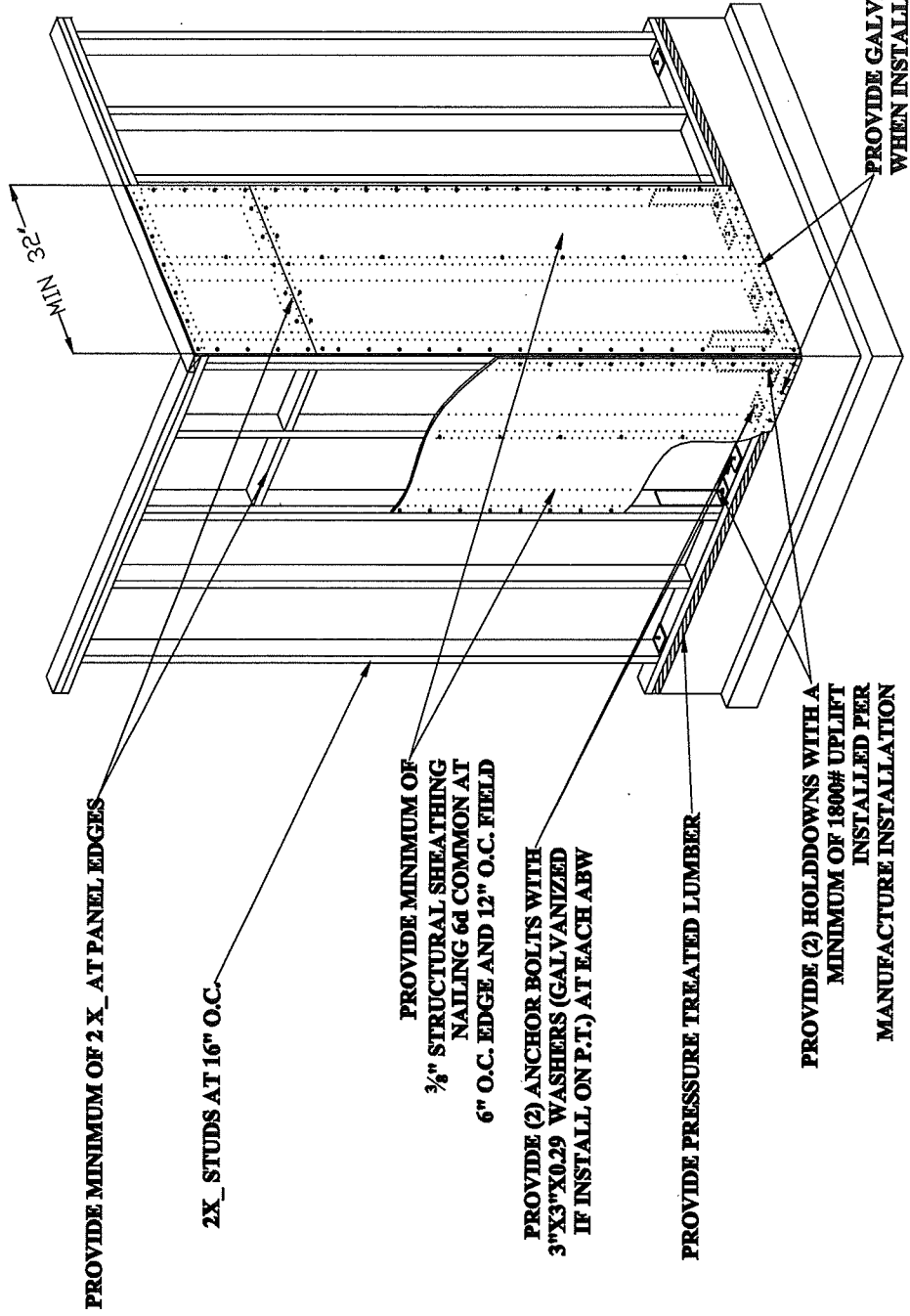
ANCHOR BOLTS WITH
3"X3"X0.29 WASHERS (GALVANIZED
IF INSTALLED ON P.T.)

PROVIDE PRESSURE TREATED LUMBER

PROVIDE GALVANIZED NAILS
WHEN INSTALLED INTO P.T.

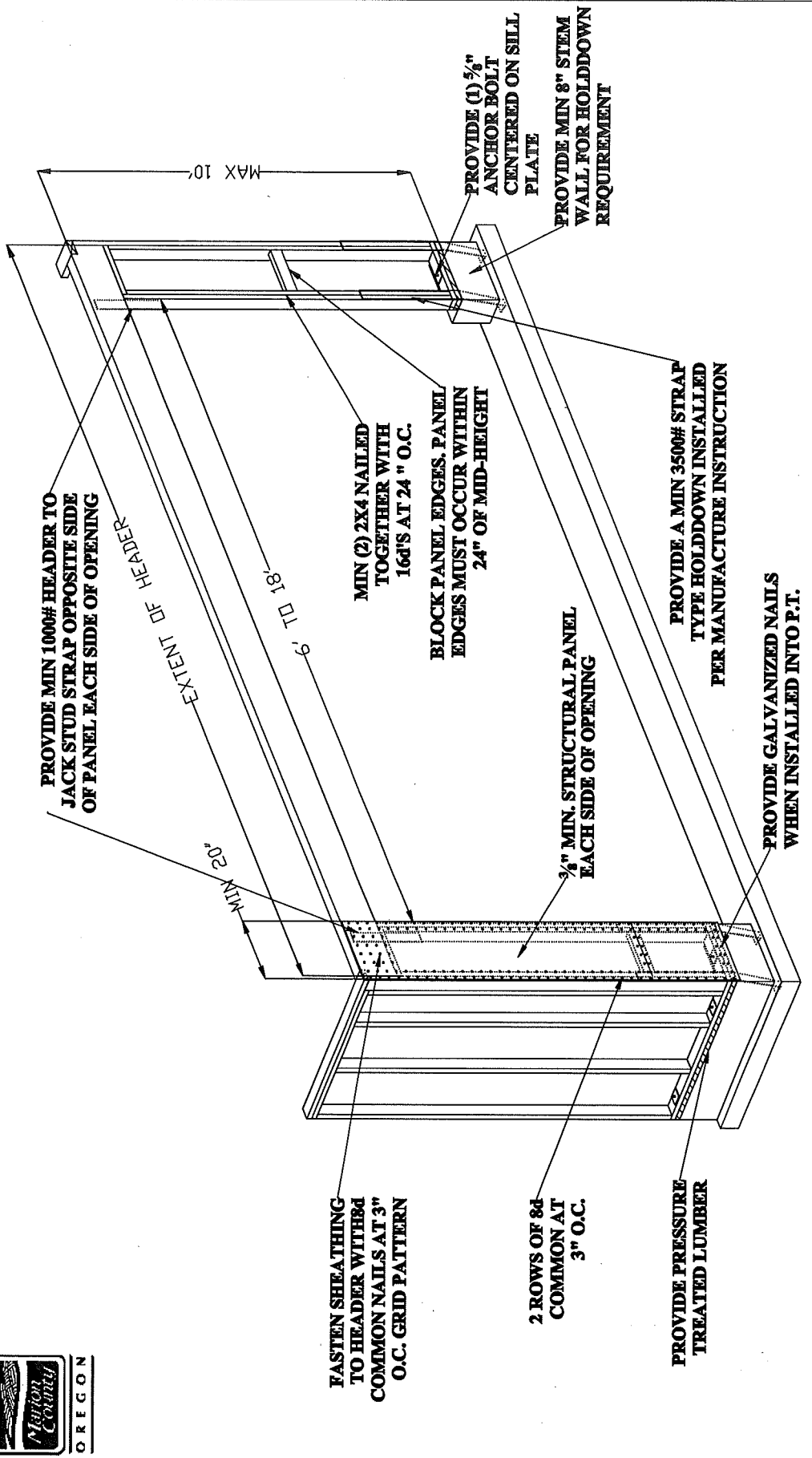
WOOD STRUCTURAL PANEL (WSP)

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ALTERNATE BRACED WALL (ABW)

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INTERMITTENT PORTAL FRAME (PFH)