

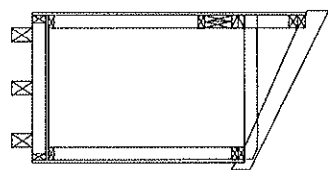
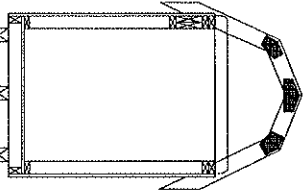
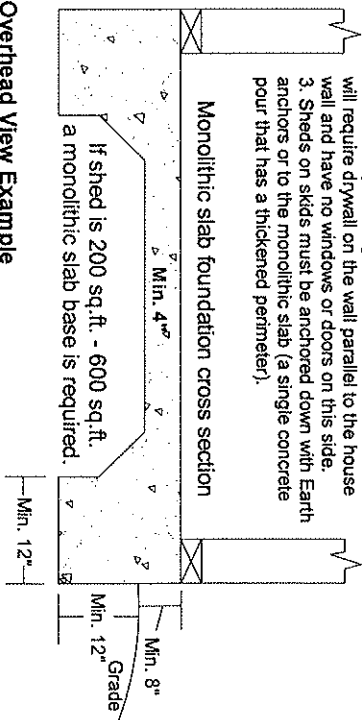
PREMANUFACTURED OR SITE BUILT SHEDS

Up to 600 sq. ft. with a maximum width of 16ft, and 10ft eave height

ISSUED
PERMIT #

Special Notes

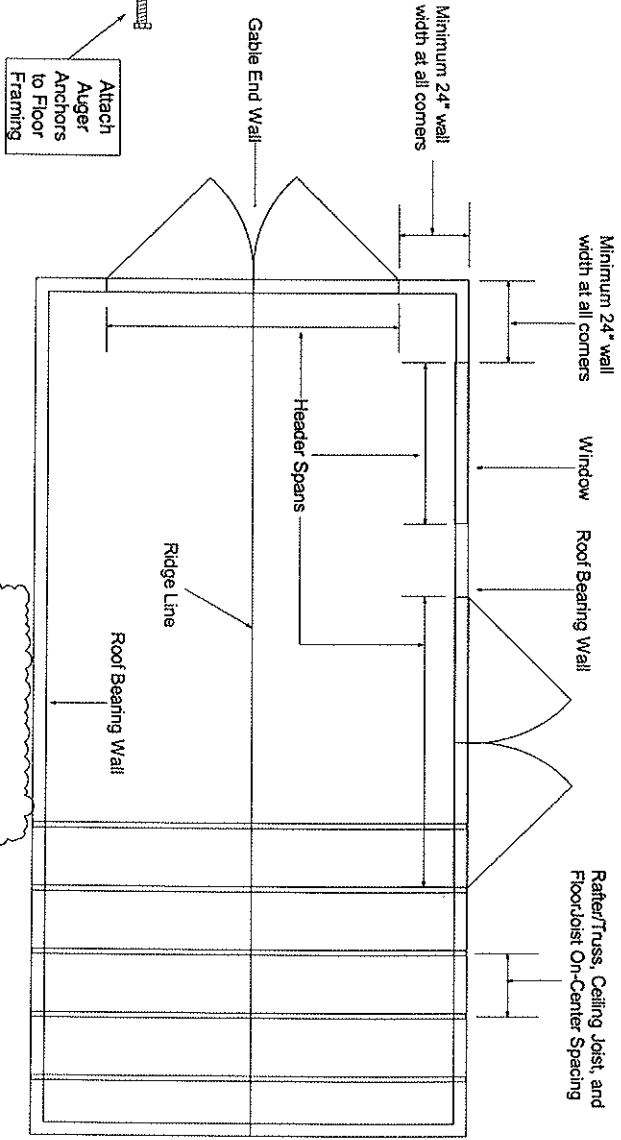
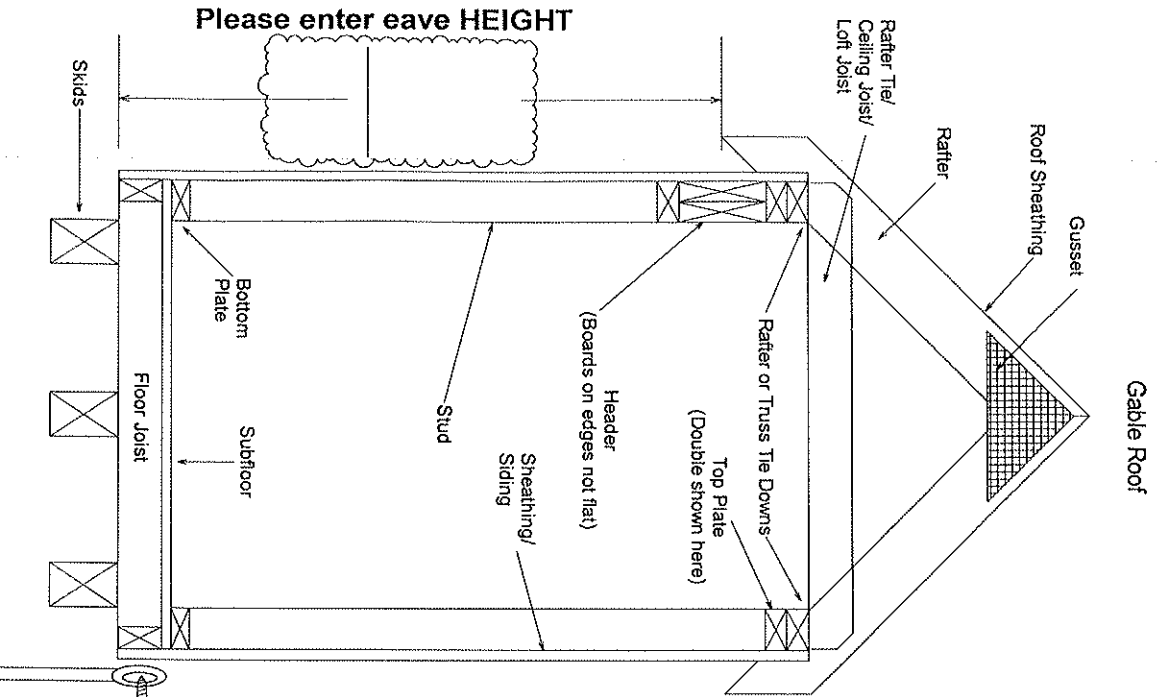
1. Building a shed to these general details meets or exceeds the minimum requirements of the building code and is only intended as a simplified guide for small sheds.
2. Accessory buildings less than 10ft from a house will require drywall on the wall parallel to the house wall and have no windows or doors on this side.
3. Sheds on skids must be anchored down with Earth anchors or to the monolithic slab (a single concrete pour that has a thickened perimeter).



Gambrel Roof

Shed Roof

Overhead View Example
Actual shed framing details and design may be different.



Please fill in the WIDTH of the shed

Please fill in the LENGTH of the shed

GENERAL STRUCTURAL REQUIREMENTS FOR PREMANUFACTURED OR SITE BUILT SHEDS

Up to a maximum width of 16 feet Less than 600 sq ft Maximum 10 ft eave height No brick Conventionally framed
 The following information is intended as a simplified guide only and the details included meet or exceed the minimum code requirements.

Structural Component	8ft Wide Shed	10ft Wide Shed	12ft Wide Shed	14ft Wide Shed	16ft Wide Shed
Roof Sheathing:	7/16"	7/16"	7/16"	7/16"	7/16"
Rafters (maximum 24" o.c. spacing):	2X4	2X4	2X4	2X4	2X4
Rafter Ties (at each pair of rafters, no ceiling, no storage):	2X4	2X4	2X4	2X4	2X4
Ceiling Joists (ceiling attached, no storage) - spaced 24" o.c.:	2X4	2X4	2X6	2X6	2X8
Ceiling Joists (ceiling attached, no storage) - spaced 16" o.c.:	2X4	2X4	2X6	2X6	2X6
Ceiling Joists (ceiling attached, no storage) - spaced 12" o.c.:	2X4	2X4	2X4	2X6	2X6
Loft Joists (limited storage) - spaced 24" o.c.:	2X6	2X6	2X8	2X10	2X10
Loft Joists (limited storage) - spaced 16" o.c.:	2X4	2X6	2X6	2X8	2X8
Loft Joists (limited storage) - spaced 12" o.c.:	2X4	2X4	2X6	2X6	2X8
Top Plates (single plate allowed if rafters line up with studs, if not then double):	2X4	2X4	2X4	2X4	2X4
Door and Window Header (on bearing wall) - 2 Ply 2"X4"	Max. 4ft span	Max. 3ft 11in span	Max. 3ft 10in span	Max. 3ft 9in span	Max. 3ft 8in span
Door and Window Header (on bearing wall) - 2 Ply 2"X6"	Max. 6ft 11in span	Max. 6ft 8in span	Max. 6ft 5in span	Max. 6ft 2in span	Max. 5ft 11in span
Door and Window Header (on bearing wall) - 2 Ply 2"X8"	Max. 8ft 9in span	Max. 8ft 5in span	Max. 8ft 1in span	Max. 7ft 9in span	Max. 7ft 5in span
Door and Window Header (on bearing wall) - 2 Ply 2"X10"	Max. 10ft 10in span	Max. 10ft 5in span	Max. 10ft span	Max. 9ft 7in span	Max. 9ft 2in span
Studs (at maximum 24" on center spacing):	2X4	2X4	2X4	2X4	2X4
Subfloor - pressure treated plywood:	5/8"	5/8"	5/8"	5/8"	5/8"
Floor Joists - pressure treated S.Y.P #2 (16" o.c. spacing, max. 4ft 6in span):	2X4	2X4	2X4	2X4	2X4
Sheathing / Plywood Siding:	7/16"	7/16"	7/16"	7/16"	7/16"
Skids - pressure treated S.Y.P. #2:	4X6	4X6	4X6	4X6	4X6
Earth Anchor Locations - along two longest sides starting at the corners:	Max. 10ft spacing	Max. 10ft spacing	Max. 10ft spacing	Max. 10ft spacing	Max. 10ft spacing
Sill Plate Anchoring - min 1/2" bolts within 12" of end of board and splices:	Max. 6ft spacing	Max. 6ft spacing	Max. 6ft spacing	Max. 6ft spacing	Max. 6ft spacing

S.Y.P. - Southern Yellow Pine
 Lumber is assumed to be S.P.F. (Spruce-Pine-Fir) Grade #2 unless specified.
 Details of this table are based on normal loading: Snow-20 lbs/sq ft, Loft-20 lbs/sq ft, Floor-40 lbs/sq ft, Dead Load (weight of the framing) 10 lbs/sq ft, and 90 MPH winds.