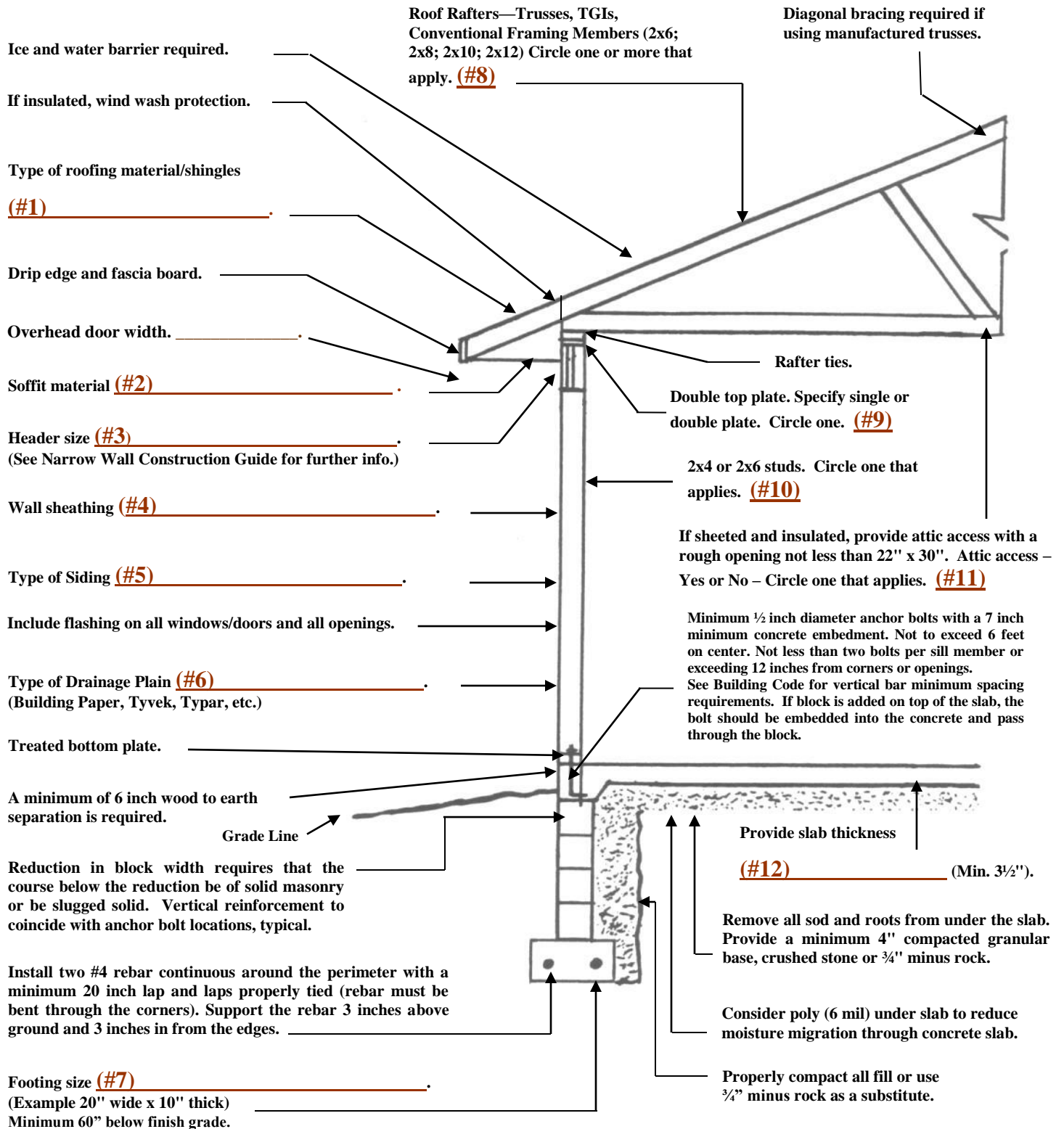


Single Family Residential Accessory Use Detached Garage with Frost Footings
Furnished by the City of Barnesville



I agree to follow the building systems provided in this document.

 Signature

 Date

Before submitting permit application, provide information as requested on numbered lines (1-12).

Single Family Residential Accessory Use Detached Garage with Frost Footings

Example

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Provide diagonal bracing in all gable ends if using manufactured trusses.

Manufactured trusses (provide a minimum 35 psf snow load).

Asphalt shingles, #15 or better felt, roof sheathing with spacer clips.

Ice and water barrier is required 24 inches beyond the exterior wall line.

If insulated, wind wash protection.

Metal drip edge and fascia board.

Soffit material.

Headers must be sized to carry all loads. (See Narrow Wall Construction Guide for further information.)

Overhead door width i.e. 8 foot, 16 foot.

7/16 inch wall sheathing minimum.

Flash all openings in the wall assembly (i.e. windows, doors).

Siding: Vinyl siding allows for a maximum stud spacing of 16 inches on center including the gable ends (order the gable end rafters accordingly).

Drainage plane is required on all walls and the gable ends (ex. Building paper, Tyvek, Typar, etc.)

Treated bottom plate.

A minimum 6 inch wood to earth separation is required.

Grade Line

Reduction in block width requires that the course below the reduction be of solid masonry or be slugged solid. Vertical reinforcement to coincide with anchor bolt locations, typical.

Install two #4 rebar continuous around the perimeter with a minimum 20 inch lap and laps properly tied (rebar must be bent through the corners). Support the rebar 3 inches above ground and 3 inches in from the edges.

The footing width must be sized to carry all applied loads (example 20" wide x 10" thick). The minimum frost footing depth is 60" below finished grade.

Rafter ties.

Double top plate.

2x4 or 2x6 studs.

Provide attic access with a rough opening not less than 22"x30" (if installing a finished ceiling).

Minimum 1/2 inch diameter anchor bolts with a 7 inch minimum concrete embedment. Not to exceed 6 feet on center. Not less than two bolts per sill member or exceeding 12 inches from corners or openings. See Building Code for vertical bar minimum spacing requirements. If block is added on top of the slab, the bolt should be embedded into the concrete and pass through the block.

The minimum slab thickness is 3 1/2 inches.

Remove all sod and roots from under the slab. Provide a minimum 4" compacted granular base, crushed stone, or 3/4" minus rock.

Consider poly (6 mil) under slab to reduce moisture migration through concrete slab.

Properly compact all fill or use 3/4" minus rock as a substitute.

Please provide information on the reverse side of this sheet as it applies to your project.

The City of Barnesville
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