

16 1st ST NW
PO Box 218
Tioga, ND 58852
701-664-2807

Accessory Structure/ Detached Garage Handout

Building Section:

☐ Truss or 2x____ rafters spaced @ ____ O.C.
(example: check box or 2 x 10 rafters @ 24" O.C.)

Minimum 1x____ ridge board

Provide roof tie downs on trusses
Solid 2x blocking between rafters

Rafter or truss Span ____
(example: 24'-6")

Wall Bracing per 2015 IRC
@ Corners and panels 20' apart

Vapor barrier: ____
(example: 6 mil. Vapor barrier)

Check one:
☐ Foundation Detail "A"
☐ Foundation Detail "B"

Roof Sheathing: ____
(example: 1/2" OSB) (H-Clips may be Required)

Roof Covering: ____
(example: 30 year asphalt shingles)

Underlayment: ____
(example: 1 layer 15# felt paper)

Roof Pitch: ____/12
(example: 4 / 12)

Ceiling Insulation: ____
(if heated example: R-49 Minimum)

Double 2x____ top plate
(example: 2 x 6)

2x____ ceiling rafter joist @ ____ O.C.
(example: 2 x 8 @ 24" O.C.)

Siding: ____
(example: Lap or T-111)

Wall Sheathing: ____
(example: 7/16" OSB)

2x____ Studs @ ____ O.C.
(example: 2 x 6 @ 16" O.C.)

Cont. 2x____ Sill Plate
(example: 2 x 6 pressure treated)

Stud Wall Insulation: ____
(example: R-19 Min. batt or foam)

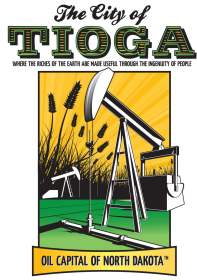
Stem Wall size: ____
(example: 8" x 48")

Footing size: ____
(example: 8" x 16", footing @ 48" to frost)

Ceiling Height ____
(example: 8')
maximum 10 feet

**This handout was developed
as an example of a basic
submittal under the current
North Dakota Building Code.**

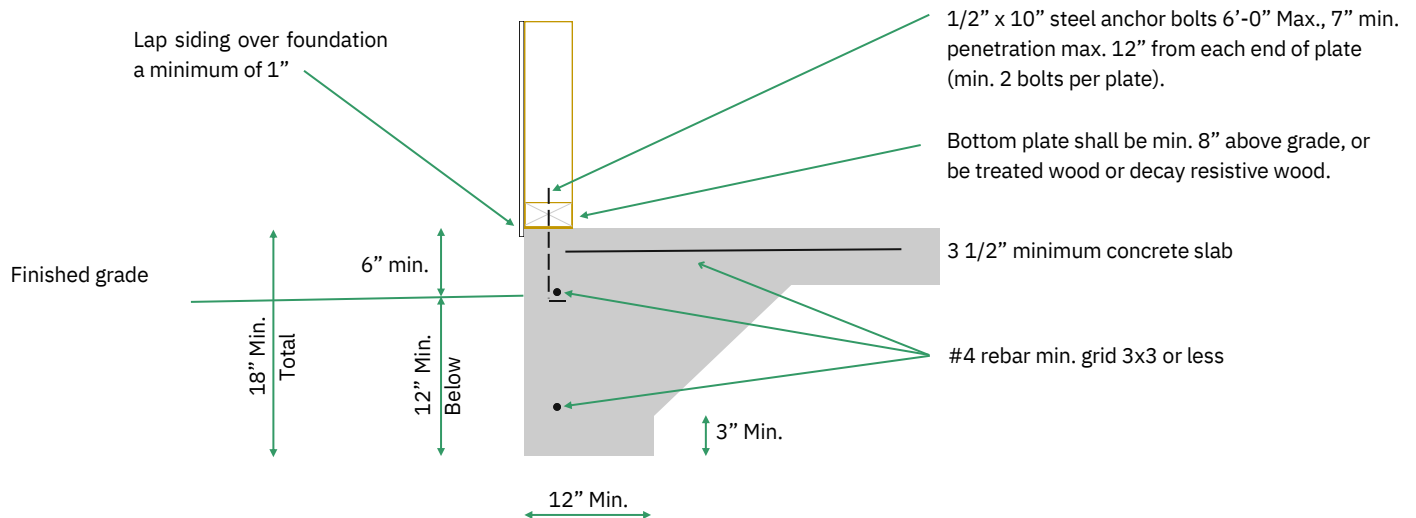
**It is not intended to cover all
circumstances.**



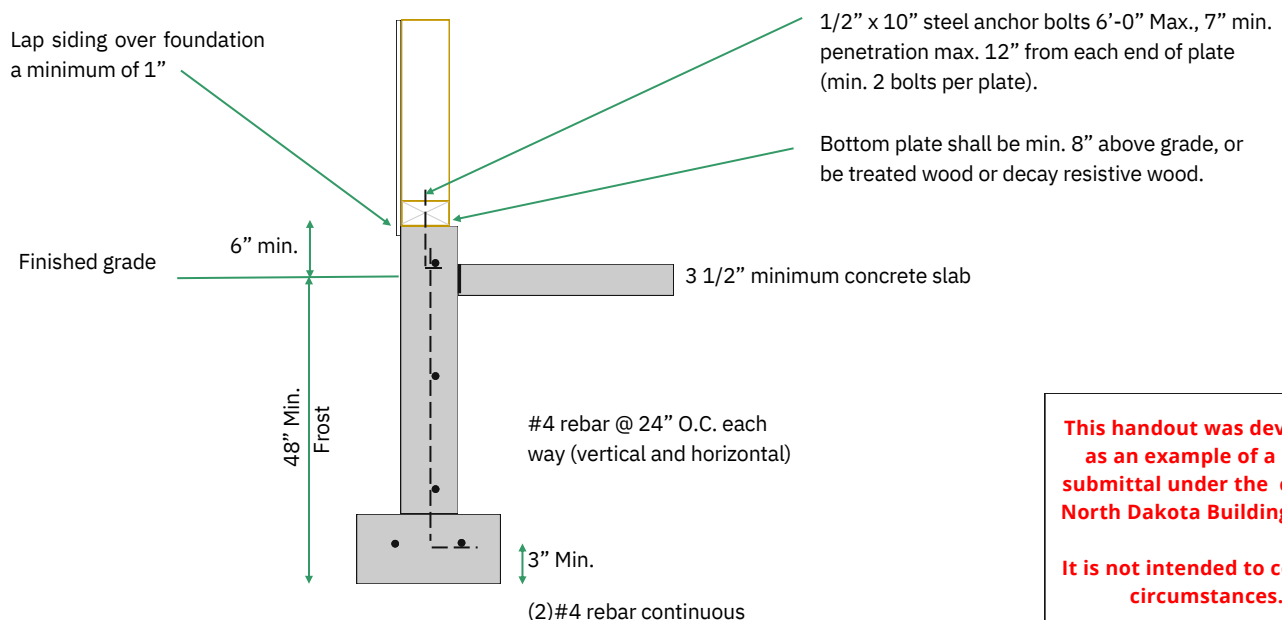
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Foundation Details

Foundation Detail A

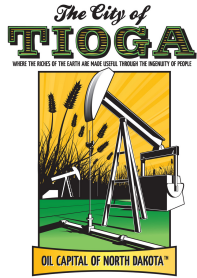


Foundation Detail B



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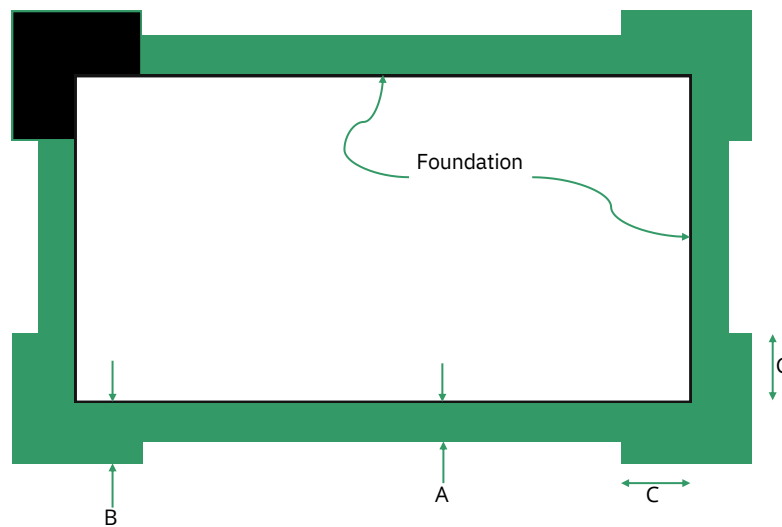
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Insulation Details

Figure R403.3(1) 2015 IRC

Insulation placement for frost protected footings in heated buildings

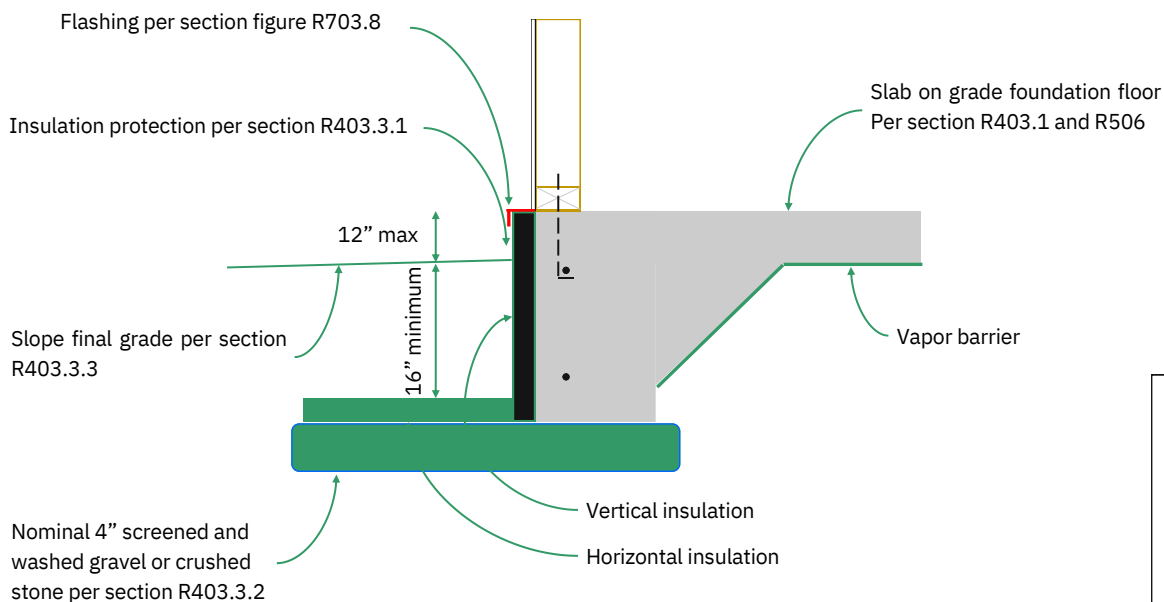
Horizontal insulation detail



Insulation Detail

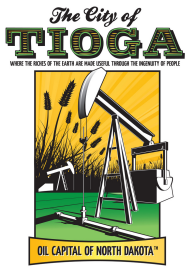
Note:

a. See table R403.3(1) for required dimensions and *R*-values for vertical and horizontal insulation and minimum footing depth.



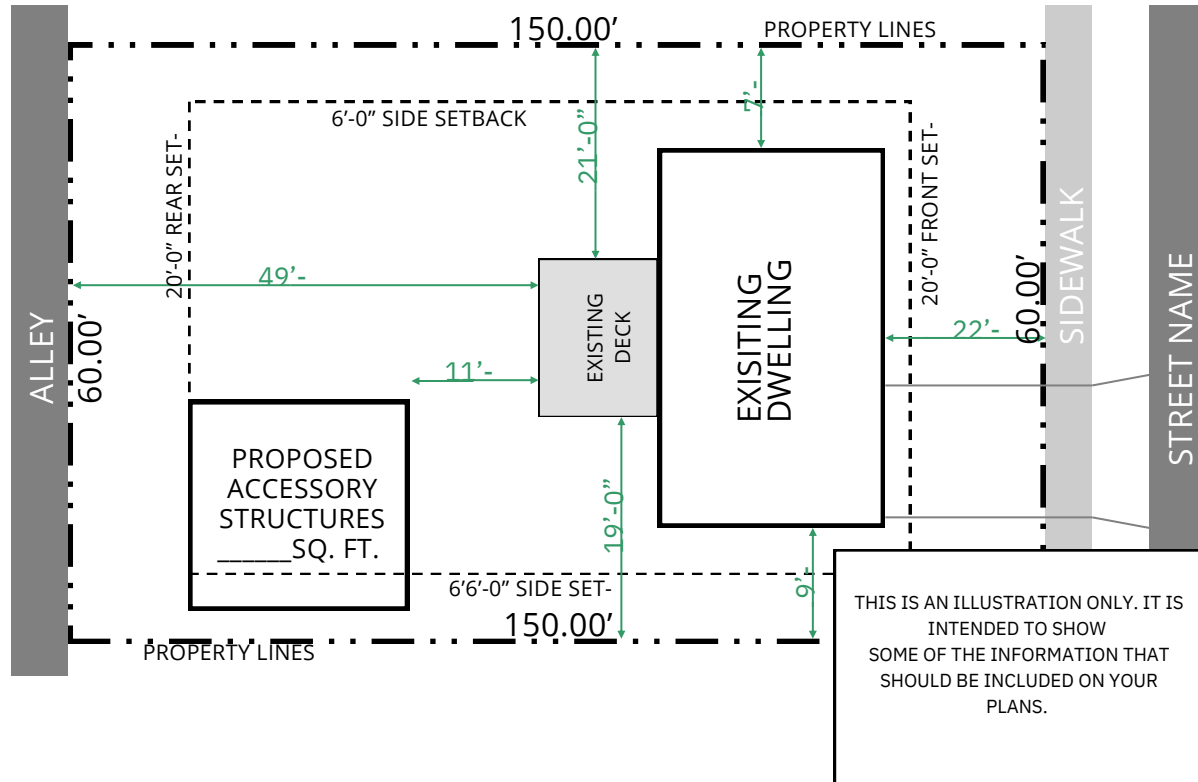
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Typical Site Plan and Setback Requirements



Corner Lot Setback Requirement

