



Cross Section

(Check, Circle, or Fill In Each Detail to Create your Building Design)

Linn County Building Division
www.linncounty.org/planning

ROOF DESIGN

Ice and Water Barrier (to 24" inside wall line)
+ Felt

Roof Sheathing (Circle): 7/16" or 1/2"
OSB or Plywood

2 X _____ Rafters _____ On Center +

2 X _____ Ceiling Joists _____ o.c.

Hip/Valley Rafters _____
- or -

Manufactured Trusses (Provide Mfgr. Specs.
at or before Rough Frame Inspection)

Roof Ventilation: Total Vent Area in Square
Inches _____

WALL DESIGN

Double Top Plate (Circle) 2X4 or 2X6
(Consult Building Department Staff for Single Top Plate Option)

Window Header: ___ 2X ___ - or - ___ LVL 1 3/4" X ___

Door Header: ___ 2X ___ - or - LVL 1 3/4" X ___

Studs (Circle): 2X4 or 2X6 at _____ On Center

Bottom Plate (Single) – Same as Top Plates

Wall Sheathing _____

Weather Barrier (Circle): House Wrap or Felt

Siding _____

Sill Plate (Circle): 2X6 or 2X8
(Must be Treated or Naturally Decay Resistant)

FOUNDATION DESIGN

1/2" X 10" Anchor Bolt, Washer and Nut (or Other Approved
Anchors), 6' On Center and 12" Max. From Plate Splices.
Anchor Bolt MUST Have 7" Embedment in Concrete.

Foundation Rebar (size, grade, location) _____

UFER Ground (1/2" X 20 ft. Rebar, Typical) for
Connection to New Electrical Panel

Foundation Depth - 42" Min. Below Finished Grade

Footing Size - 8" X 16" (Min.) or _____

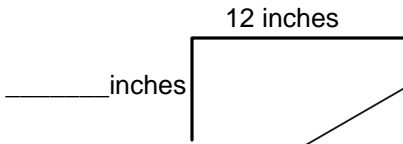
Foundation Wall Width _____, Height _____

Drainage Tile Required For Basement Foundations

Slope Finished Grade Away from Building -
Min. 6" in 10'

Maintain 6" Clearance from Exterior Siding to Grade

ROOF SLOPE



Attic Insulation:
Minimum R49

INTERIOR FINISH

Ceiling - 5/8" Drywall, Typical; Other _____

Wall Insulation (Minimum R20):
6" Fiberglass or Better in 2X6 Wall
- or -

2X4 Wall with Alternate Insulation (circle):
Foam - or - Cellulose - or - Rigid Foam
Sheathing Plus Fiberglass (+ Wind Bracing)

Vapor Barrier _____

Wall Finish - 1/2" Drywall; Other _____

Wall Height (from Finished Floor): _____ ft., _____ in.

FLOOR DESIGN

Subfloor: _____

2 X _____ Floor Joists _____ On Center
- or -

Engineered Floor System
_____ Center Beam Size:

___ 2 X ___ - or - ___ 1 3/4" X ___ LVL

- or - Steel: _____

Center Beam Post Spacing: _____ On Center

CRAWL SPACE

Pressure Treated Beams within 12" and Joists
Within 18" of Earth

Clear Height Provided: _____

6 Mil Vapor Barrier Over Earth

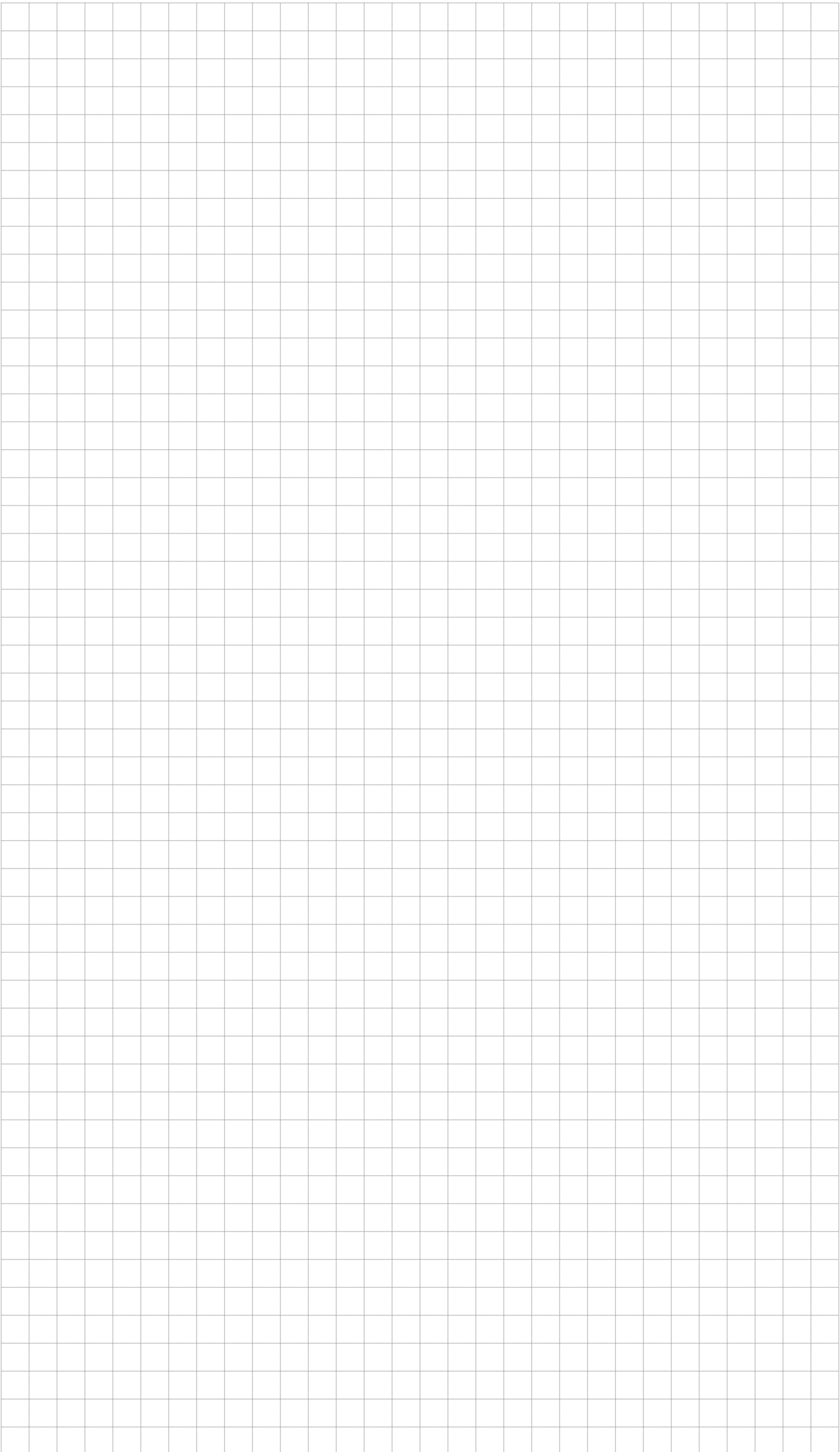
Ventilation: _____ Square Inches

Insulation (Circle): Foundation Walls

Foundation: R15 continuous or R19 Cavity or
R30 Floors

Insulate Mechanical Ducts: R6 Minimum





$\frac{1}{4}'' = 1 \text{ foot}$