

Building Specifications

Name: _____ Address: _____
Roll #: _____ Municipality: _____
Length: _____ Width: _____ Area: _____ Building Height: _____ Number of Storeys: _____

Loading:

Nearest major City/Town: Perth Ground Snow Load (Ss): 2.3 kPa
Rain Load (Sr): 0.4 kPa 1/10 Hourly Wind Pressure: 0.32 kPa
Roof Load, Stud Wall, Part 9 Building, 9.8m (32') max span (S): .55 * Ss * Sr = 1.7 kPa kPa * 20.9 = 36 PSF
Roof Load, Post Frame, Farm Building, 21m (70') max span(W): 0.96 * Ss + 1.2 * Sr + 0.3 = 3 kPa kPa * 20.9 = 68 PSF

Footings:

Circular Square Rectangular Strip
Depth: _____ Spacing: _____ Dimensions: _____ Thickness: _____

Foundation:

Height: _____ Backfill Height: _____ Pier Post ICF Block Concrete Damp proofing/Drain Tile

Floor:

Soil Gavel Concrete Wood
Concrete Thickness: _____ Joist Size: _____ Joist Spacing: _____ Joist Span _____ Bridging/Blocking: _____

Wall Structure:

Stud Wall Size: _____ Spacing: _____ Height: _____ Bridging/Blocking? Yes No
 Post Frame Wall Size: _____ Spacing: _____ Height: _____
Insulation/Vapour Barrier? Yes No Interior Cladding? Yes No
Interior Cladding Material: _____
 Girts/Straps: _____ @ _____ spacing Wood Sheathing (type, thickness): _____
Exterior Cladding Material: _____
Opening Lintel: Sidewall End wall Span: _____ Description: _____
Opening Lintel: Sidewall End wall Span: _____ Description: _____
Opening Lintel: Sidewall End wall Span: _____ Description: _____
Stud/Post Adjacent to Opening Specifications: _____
Bracing: Diaphragm/Sheathing Knee-bracing Diagonal-bracing
Description Of Corner Bracing: _____

Plate Beams:

Size/Description: _____
Attachment/Fastening Details: _____
Other Beams: _____

Roof Structure:

Type of Construction: Peng. Truss Spacing: _____ Rafter Spacing: _____ Slope: _____/12
Common Rafter Size: _____ Rafter Span: _____ Ceiling Joist Size: _____ Ceiling Joist Spacing: _____
 Girts/Straps: _____ @ _____ spacing Wood Sheathing (type, thickness): _____
Ceiling? Yes No Insulation/Vapour Barrier? Yes No
Bracing: Diaphragm/Sheathing Knee-bracing Diagonal-bracing
Description Of Roof/Ceiling Bracing: _____