

**Building Standards**

100 Regina St. S.  
2nd Floor  
Waterloo, Ontario  
N2J 4A8

Ph: 519-747-8712  
Fx: 519-747-8792  
www.waterloo.ca

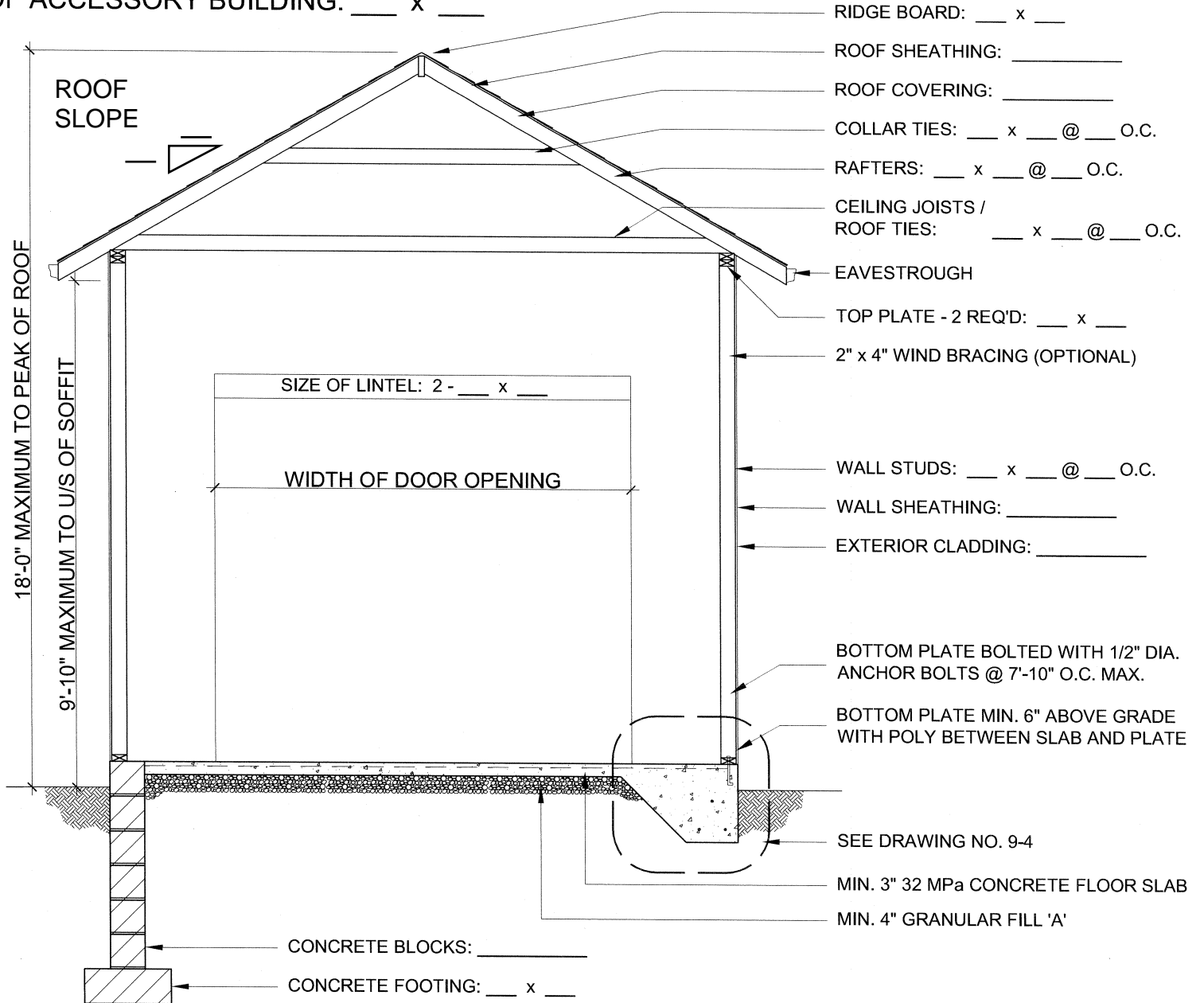
Fill - In  
Shed Cross Section

Ridge Board &  
Ceiling Joists

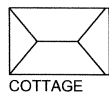
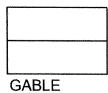
DRAWING NO.:

**1**

SIZE OF ACCESSORY BUILDING: \_\_\_ x \_\_\_



ROOF CONSTRUCTION SHAPE:



NOTE: BUILDINGS LARGER THAN 55 SQUARE METRES (592 SQUARE FEET) IN AREA MUST BE SUPPORTED ON FOOTINGS AND FOUNDATION WALLS.

**Building Standards**

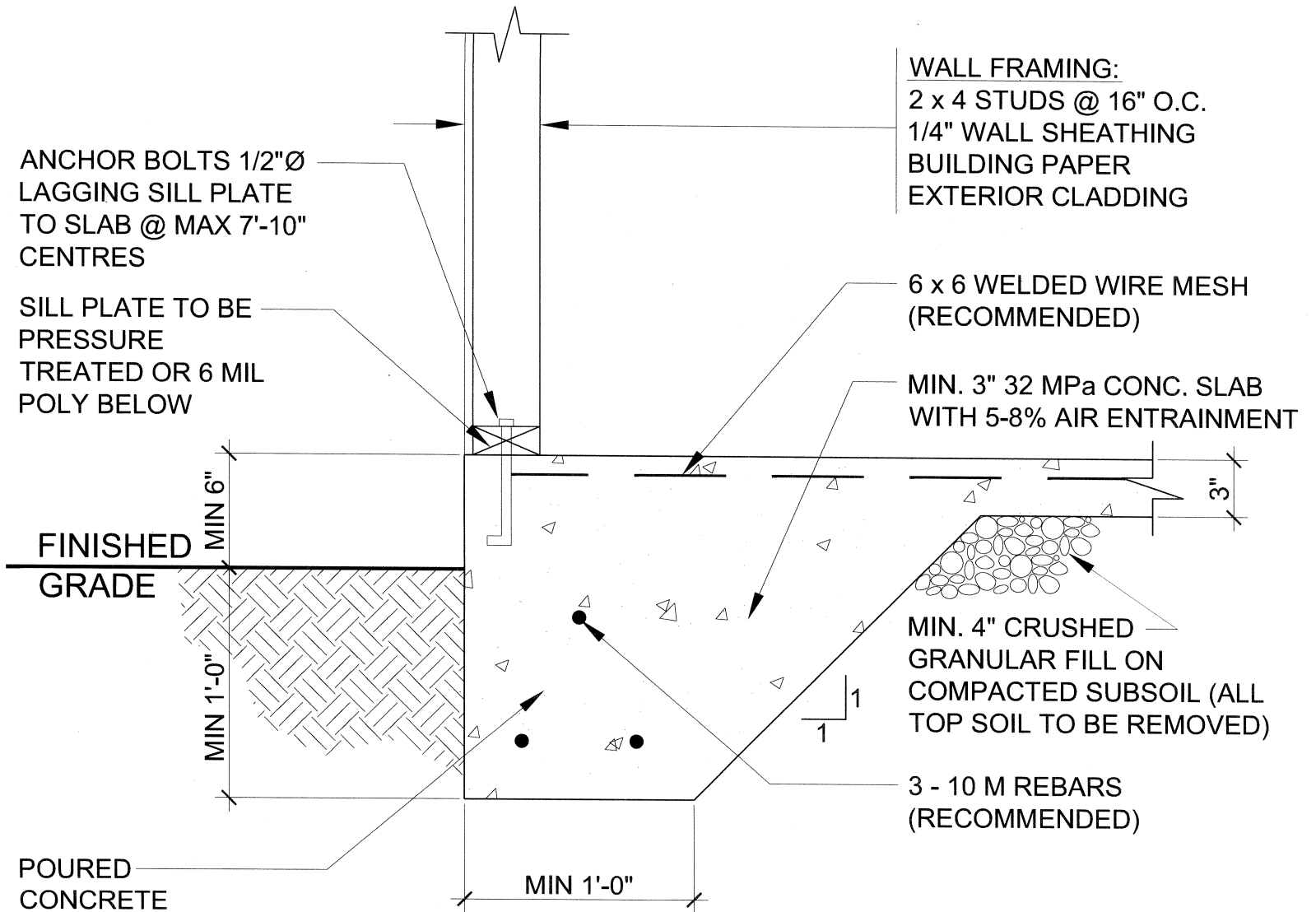
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Foundation Detail:  
Concrete Slab

DRAWING NO.:

**2**



THIS SLAB DESIGN IS FOR DETACHED GARAGES AND SHEDS. THE AREA MAY NOT EXCEED 55 SQM (592 SQFT), MAX ONE STOREY IN BUILDING HEIGHT AND NO BRICK/MASONRY VENEER PERMITTED.

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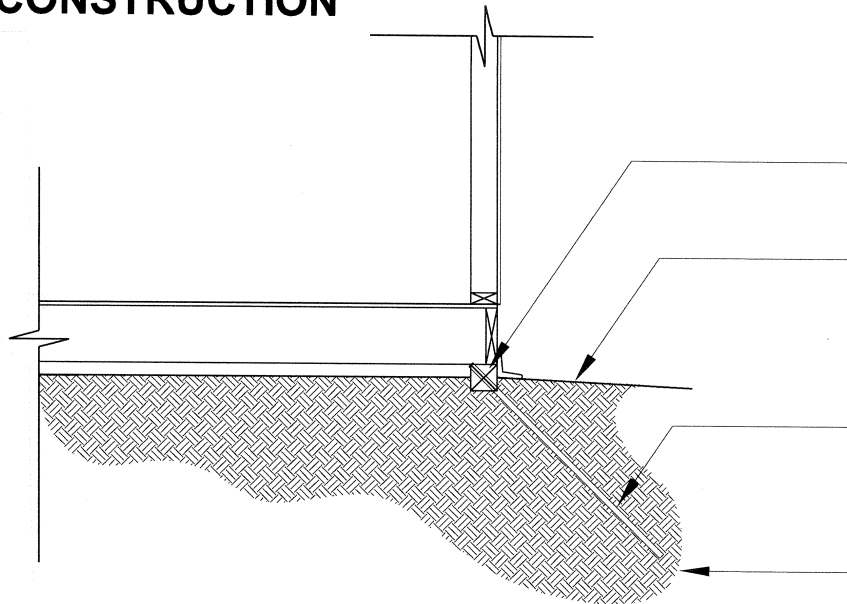
Foundation Detail:  
Mudsill

Foundation Detail:  
Anchorage

DRAWING NO.:

**3**

**ALTERNATE CONSTRUCTION**



MIN. 4"x4" P.T. MUDSILLS

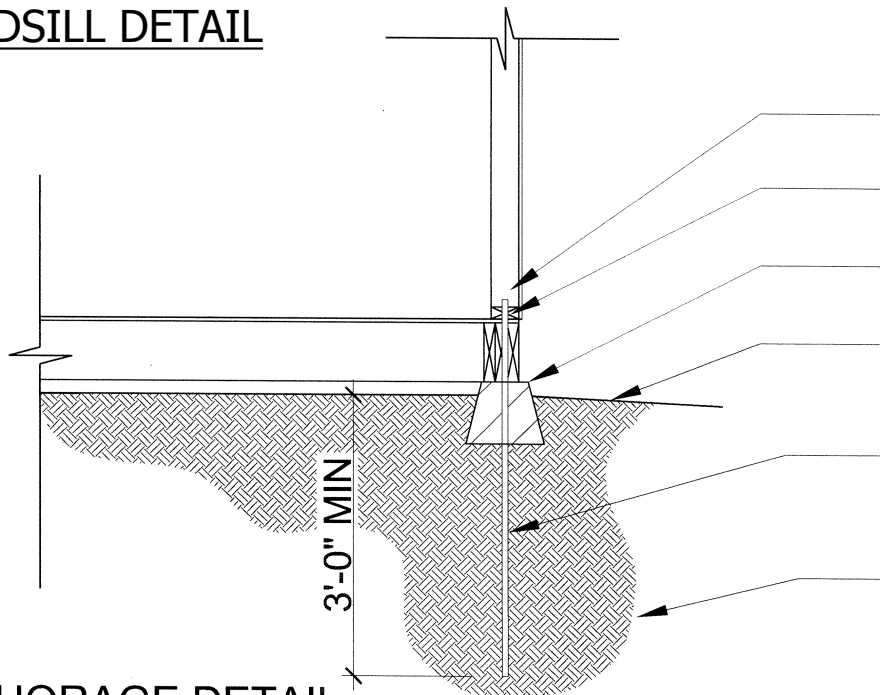
ENSURE THAT THE GRADE IS SLOPED AWAY FROM THE BUILDING.

MINIMUM 5/8" Ø ANCHOR RODS, A MINIMUM 3'-0" LONG, AT A MAXIMUM 7'-10" O.C. AND AT THE FOUR CORNERS ARE REQUIRED. INSTALL AT A 40° TO 50° ANGLE INTO THE GROUND.

UNDISTURBED SOIL

NOTE: BUILDINGS LARGER THAN 55 SQUARE METRES (592 SQUARE FEET) IN AREA MUST BE SUPPORTED ON FOOTINGS AND FOUNDATION WALLS.

MUDSILL DETAIL



BEND TOP OF BAR OVER 3" MIN.

DRILL HOLE THROUGH SILL PLATE AND BEAM

CONCRETE DECK BLOCKS

ENSURE THAT THE GRADE IS SLOPED AWAY FROM THE BUILDING.

MINIMUM 15M ANCHOR RODS, A MINIMUM 3'-0" LONG, AT A MAXIMUM 7'-10" O.C. AND AT THE FOUR CORNERS ARE REQUIRED.

UNDISTURBED SOIL

3'-0" MIN

ANCHORAGE DETAIL

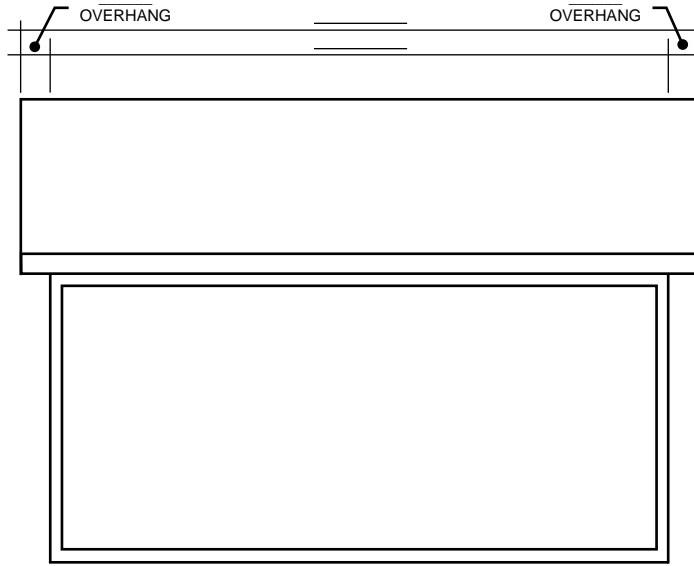
NOTE: ALL WOOD WITHIN 6" OF GRADE SHALL BE PRESURE TREATED

**Building Standards**

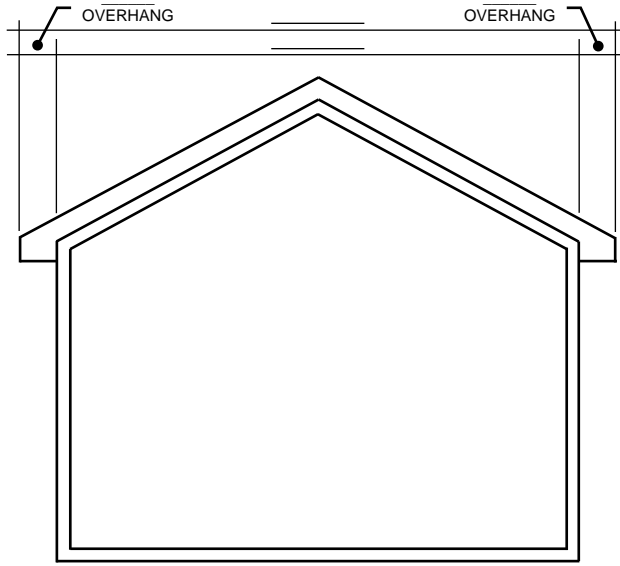
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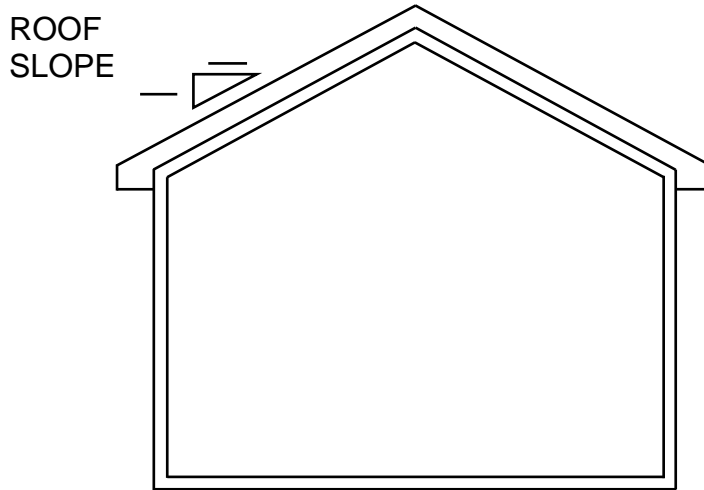
Fill - In  
 Gable Elevations



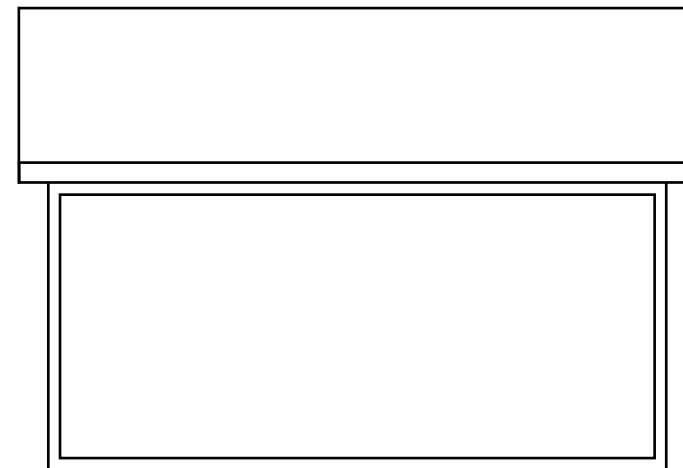
ELEVATION \_\_\_\_\_



ELEVATION \_\_\_\_\_



ELEVATION \_\_\_\_\_



ELEVATION \_\_\_\_\_

**Draw On Proposed Building Features, including Doors, Windows, and/or Garage Doors.** Ensure to include opening sizes (width and height) and proposed lintels.

\*Lintels are always required with an opening, Steel Lintels are required where brick is the proposed Exterior Cladding.\*

LINTEL SIZES	MAX. OPENING WIDTHS	
	NOT SUPPORTING THE ROOF	SUPPORTING THE ROOF
2-2x4	7'-3"	3'-7"
2-2x6	11'-5"	5'-5"
2-2x8	15'-1"	6'-7"
2-2x10	18'-10"	8'-1"
2-2x12	21'-10"	9'-5"

DRAWING NO.:

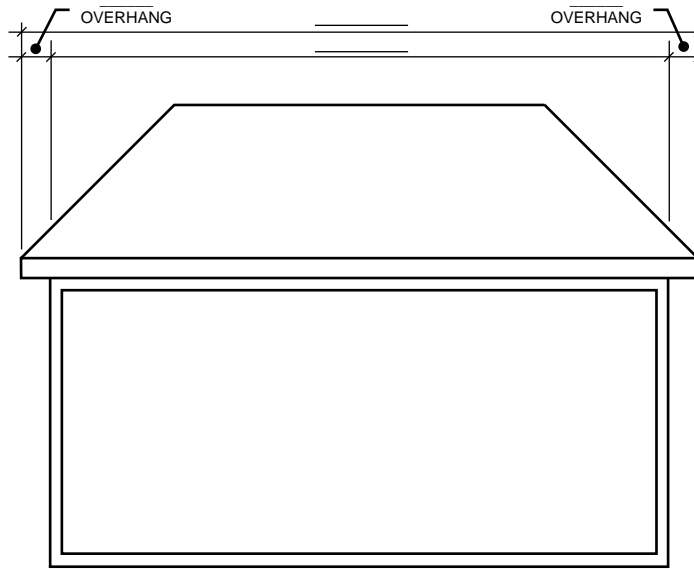
**4**

**Building Standards**

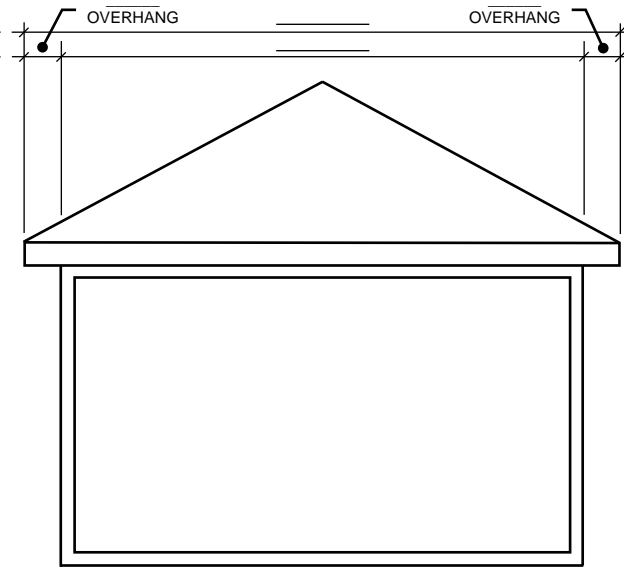
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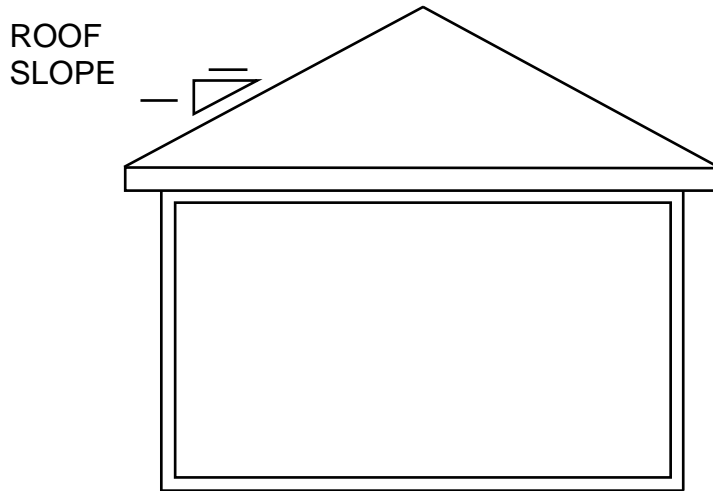
Fill - In  
Cottage Elevations



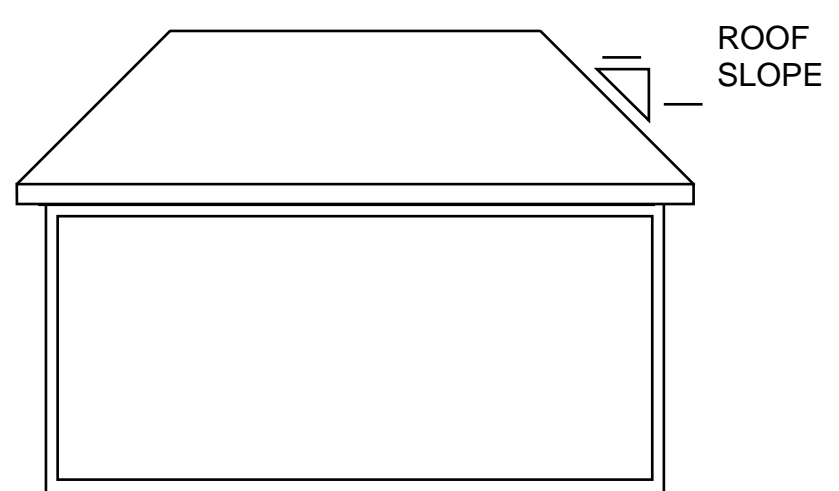
ELEVATION \_\_\_\_\_



ELEVATION \_\_\_\_\_



ELEVATION \_\_\_\_\_



ELEVATION \_\_\_\_\_

**Draw On Proposed Building Features, including Doors, Windows, and/or Garage Doors.** Ensure to include opening sizes (width and height) and proposed lintels.

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LINTEL SIZES	MAX. OPENING WIDTHS	
	NOT SUPPORTING THE ROOF	SUPPORTING THE ROOF
2-2x4	7'-3"	3'-7"
2-2x6	11'-5"	5'-5"
2-2x8	15'-1"	6'-7"
2-2x10	18'-10"	8'-1"
2-2x12	21'-10"	9'-5"

DRAWING NO.:

**5**

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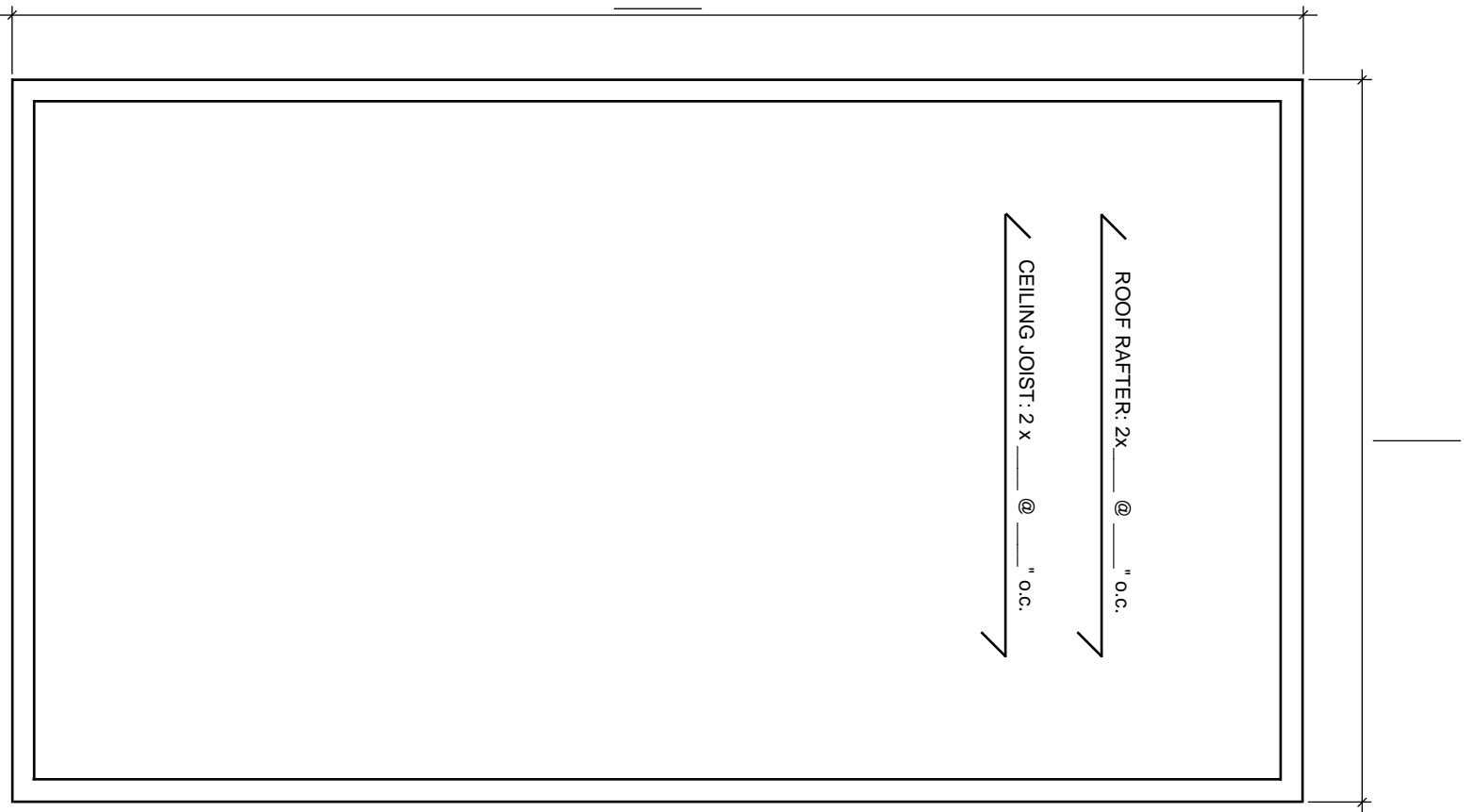
Fill - In  
Floor Plan

DRAWING NO.:

**6**

**Draw On Proposed Building Features, including Doors, Windows, and/or Garage Doors.** Ensure to include opening sizes (width and height) and proposed lintels.

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WALL STUDS: \_\_\_ x \_\_\_ @ \_\_\_ O.C.

WALL SHEATHING: \_\_\_\_\_

EXTERIOR CLADDING: \_\_\_\_\_

LINTEL SIZES	MAX. OPENING WIDTHS	
	NOT SUPPORTING THE ROOF	SUPPORTING THE ROOF
2-2x4	7'-3"	3'-7"
2-2x6	11'-5"	5'-5"
2-2x8	15'-1"	6'-7"
2-2x10	18'-10"	8'-1"
2-2x12	21'-10"	9'-5"