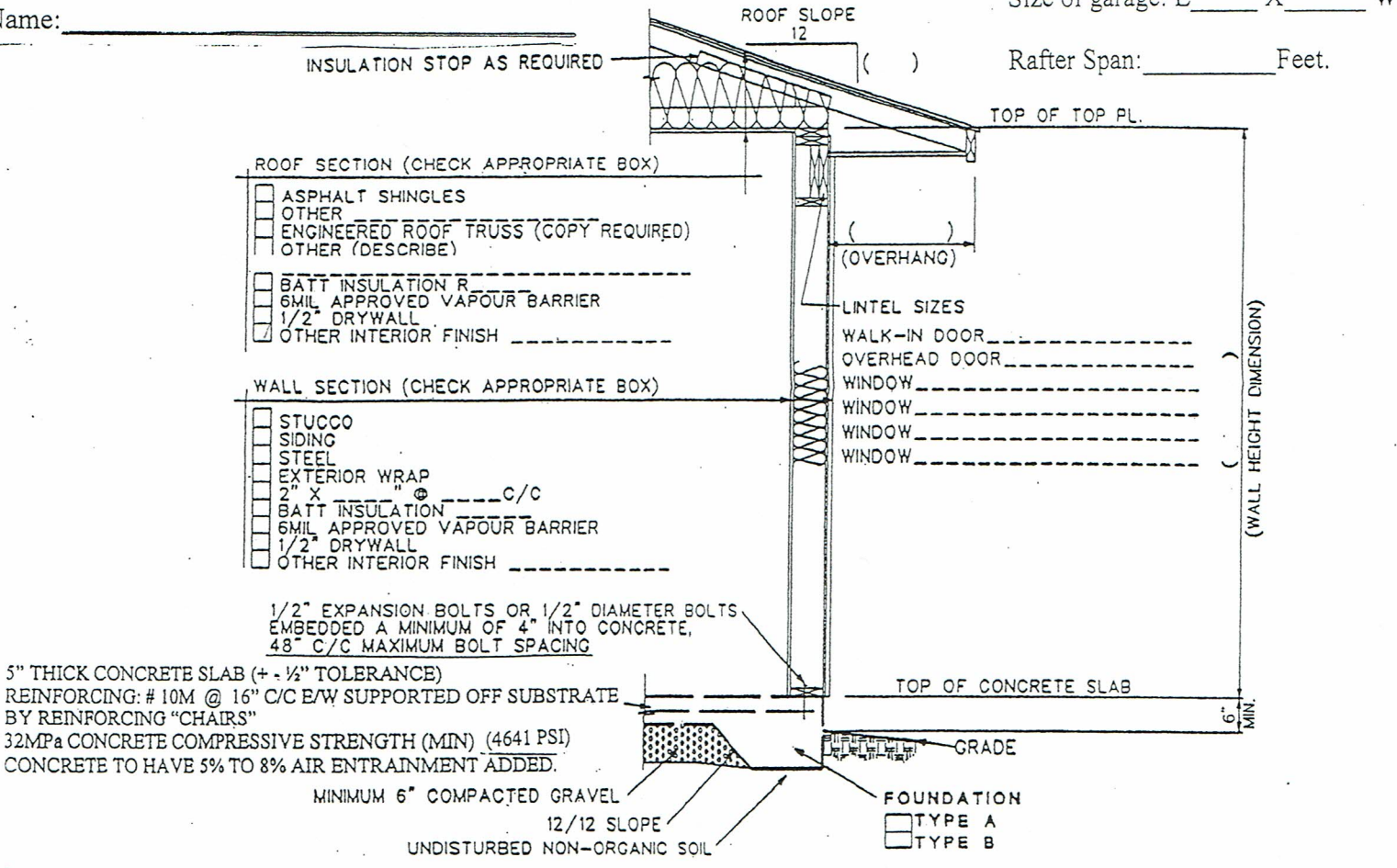


COMPLETE AND RETURN WITH YOUR PERMIT APPLICATION
 ALL STRUCTURAL DETAILS ARE TO BE PROVIDED

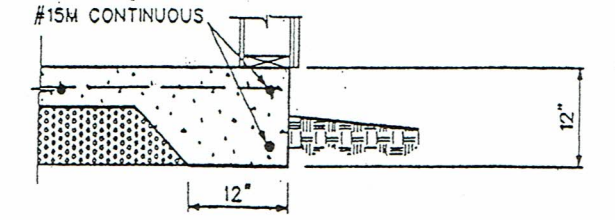
SECTION FOR A MAXIMUM 700 AND 900 SQUARE FOOT
 DETACHED GARAGE, ACCESSORY TO A RESIDENTIAL DWELLING ONLY

Name: _____ Size of garage: L _____ X _____ W
 Rafter Span: _____ Feet.

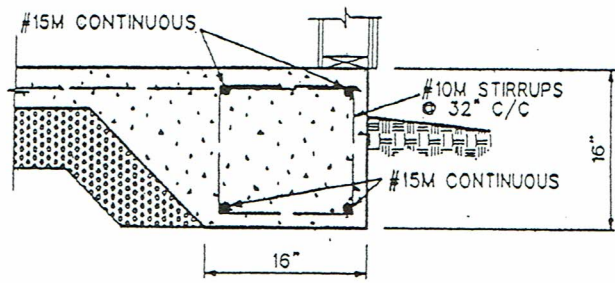


Structural Slab Foundations over 900 square feet require the foundation plan to be sealed by a professional engineer.

TYPICAL WALL/ROOF SECTION
 NOT TO SCALE



TYPE A
 MAX. 700 SQUARE FOOT UNHEATED SPACE
 NOT TO SCALE

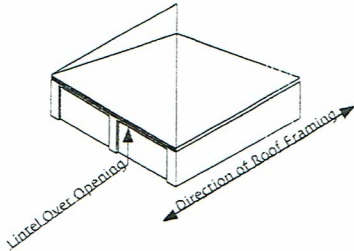


TYPE B
 MAX. 900 SQUARE FOOT UNHEATED SPACE
 NOT TO SCALE

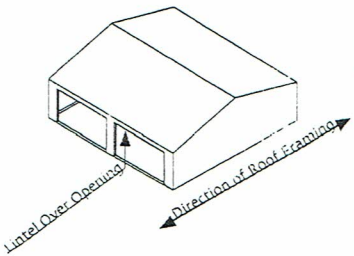
Notes:

- This plan shall not be used unless the plan has been approved by the Building Authority having jurisdiction.
- A copy of the prefabricators certified roof truss drawings shall be supplied.
- These foundation details may not be suitable for all soil conditions. If the soil bearing is in question, it is the responsibility of the Building Authority having jurisdiction to request that the slab be designed and certified by an Engineer.
- The reference to "P.T." means material approved for Wood Foundations, CAN/CSA-S406.
- The reinforcing shall be free from rust, mud, oil, or other coats that would reduce the bond between the concrete and the reinforcing.
- All reinforcing shall be new billet deformed bars that conform to CSA standards, #10m = 300KPa and #15 or larger = 400KPa.
- All reinforcing shall have a minimum of 2" of concrete cover.

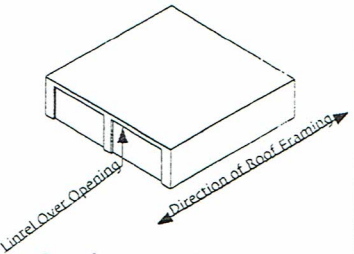
Roof Styles with Lintel SUPPORTING Roof



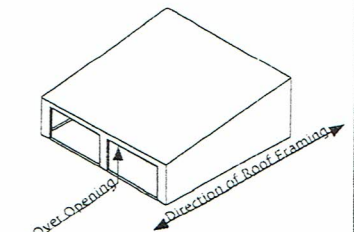
Roof Type: Hip



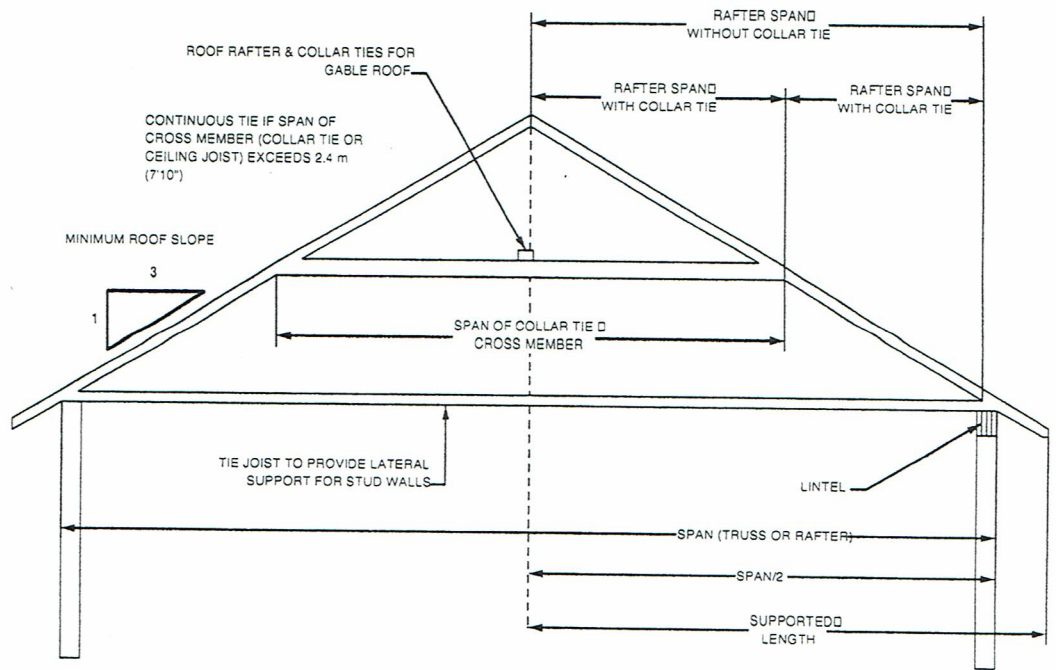
Roof Type: Gable #2



Roof Type: Flat (no upper deck)



Roof Type: Mono (Shanty)



ROOF RAFTER SPANS: Rafter NOT supporting ceiling (Design Roof Snow Loads for 2.0 kPa (38.9 psf))					
Commercial Designation	Grade	Member Size (inch)	Rafter Spacing		
			12 in. ft-in	16 in. ft-in	24 in. ft-in
Douglas Fir Larch	No. 1 and No. 2	2x4	8-5	7-8	6-9
		2x6	13-4	11-9	9-7
	2x8	16-7	14-4	11-8	
	2x10	20-3	17-7	14-4	
Spruce - Pine - Fir	No. 1 and No. 2	2x4	8-1	7-4	6-5
		2x6	12-9	11-6	10-1
	2x8	16-9	15-2	12-9	
	2x10	21-4	19-1	15-7	
2x12	25-7	22-2	17-0		

WOOD LINTELS - NOT supporting roof loads	
Door Width Opening	Lintel - Gable Roof Only (Door in Gable End)
8 ft	2-2x8
9 ft	2-2x8
10 ft	2-2x10
12 ft	2-2x10
14 ft	2-2x10
16 ft	2-2x10

WOOD LINTEL SPANS FOR WINDOWS AND MAN DOORS	
Size of Lintels	Maximum Allowable Spans
2-2x4	3 ft - 6 in
2-2x6	5 ft - 2 in
2-2x8	6 ft - 4 in
2-2x10	7 ft - 9 in
2-2x12	9 ft - 0 in

WOOD LINTELS - Supporting Roof Loads (Design Roof Snow Loads 2.0 kPa (38.9 psf))				
Width of Opening (Lintel Span)	SUPPORTED LENGTH (see diagram above)			
	10 ft	12 ft	14 ft	16 ft
8 ft	3-2x8	3-2x8	3-2x8	3-2x10
9 ft	3-2x8	3-2x10	3-2x10	3-2x10
10 ft	3-2x10	3-2x10	3-2x12	3-2x12
12 ft	3-2x12	3-2x12	4-2x12	3-2x14
14 ft	4-2x12	4-2x12	3-2x14	Design Req'd by Engineer
16 ft	3-2x14	Design Req'd by Engineer	Design Req'd by Engineer	Design Req'd by Engineer