

Thermal Performance Requirements
for Additions to Existing Buildings

From Table 3.1.1.11. (IP) Zone 1

Building Component	Thermal Values (Min. Nominal)
Ceilings with Attic Space	R60
Ceiling Without Attic Space	R31
Exposed Floor	R31
Walls Above Grade	R19+R5 ci
Basement Walls	Min. R20 ci or Min. R12 + R10 ci
Heated Slab or ≤ 600 mm Below Grade	10
Edge of Below Grade Slab ≤ 600 mm Below Grade	10
Windows and Sliding Glass Doors	Max. U: 0.28 Energy Rating: 25

WINDOW GLAZING

GROSS AREA OF PERIPHERAL WALLS	= 115.03 SQ.M.
GROSS AREA OF GLAZING	= 11.79 SQ.M.
PERCENTAGE OF GLAZING	= 10.25 %



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I, Neil Watson review and take responsibility
for the design work on behalf of Watson
Designs registered under Division C, Part 3
(3.2.4.) of the Ontario Building Code. I am
qualified and the firm is registered in the
appropriate classes/categories.

DRAWN BY: NEIL WATSON
BCIN: 22658
FIRM BCIN: 46921

Signed: *Neil Watson*

New Addition for
Doug & Diane Barlow

PROJECT:
474789 Townsend Lake Road
Con. 12 Pt. Lot 6 RP 17R2194; Part 2
Municipality of West Grey
Former Glenelg Township

DRAWING:
Title Page

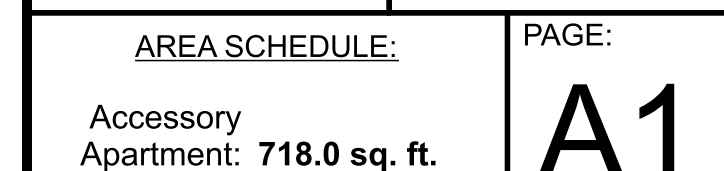
SCALE:
As Noted

DATE:
May 28, 2025

PAGE:

A0

NEW ADDITION STRUCTURE IS SHOWN IN STANDARD DETAIL
ON FLOOR PLANS, ELEVATIONS AND CROSS SECTION.



EXISTING WALLS AND STRUCTURE ARE SHOWN FADED
ON FLOOR PLANS, ELEVATIONS AND CROSS SECTION.

NEW ADDITION STRUCTURE IS SHOWN IN STANDARD DETAIL
ON FLOOR PLANS, ELEVATIONS AND CROSS SECTION.

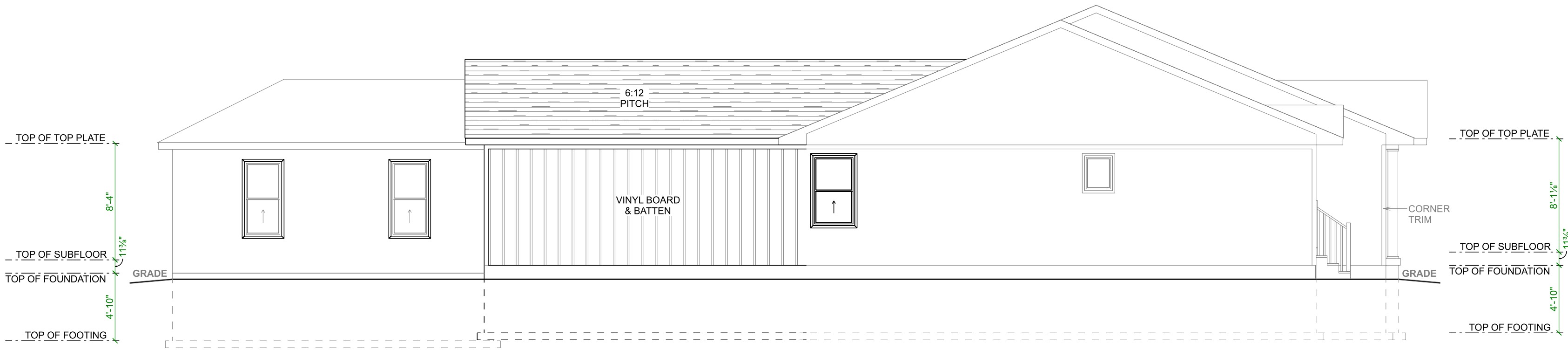


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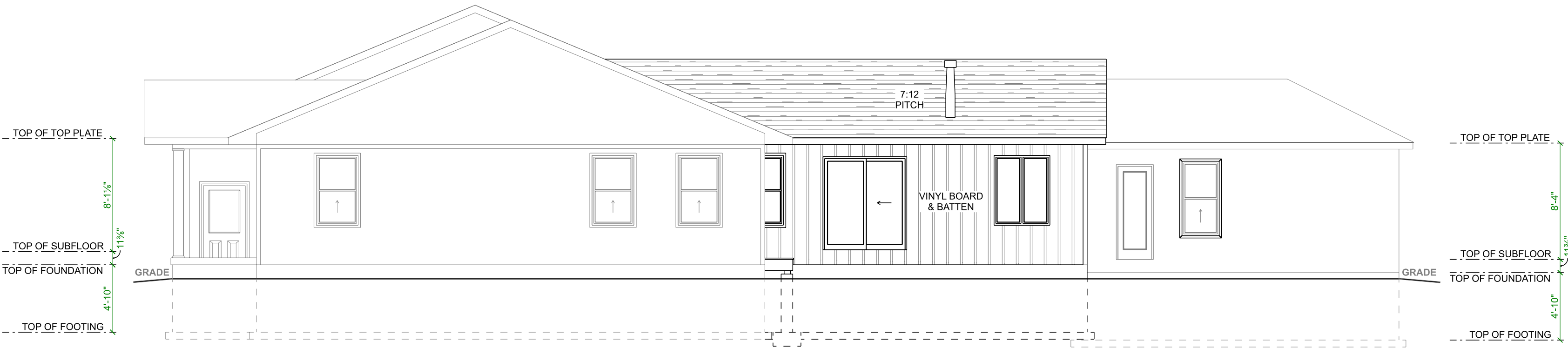
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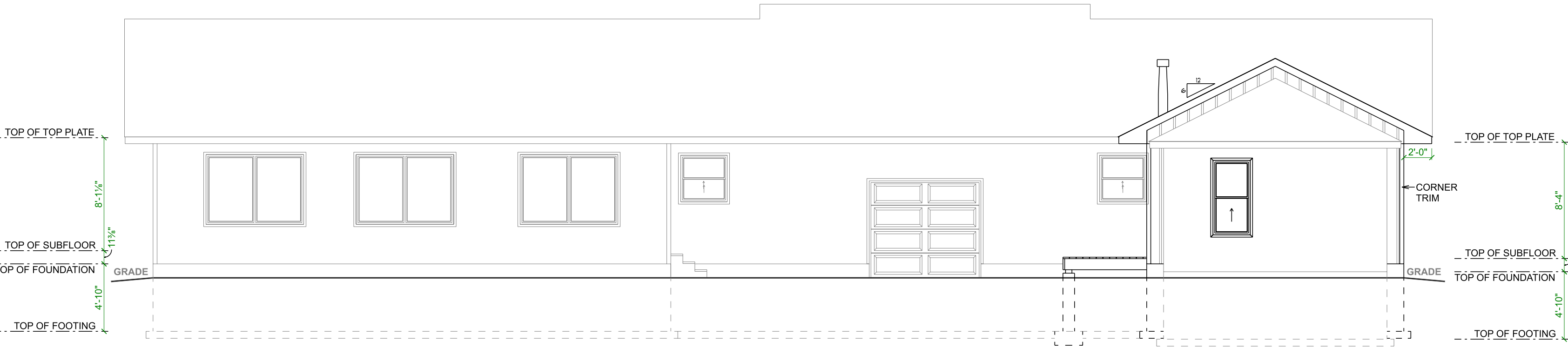
Signed:



Left Elevation



Right Elevation



Rear Elevation

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DRAWING:
Elevations

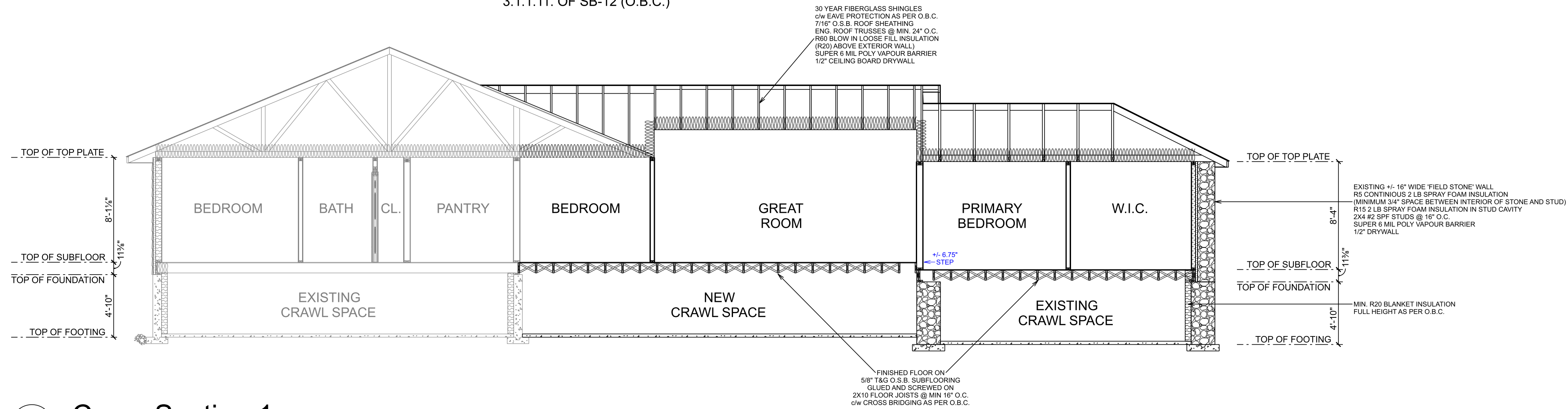
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5/32" = 1'-0"

DATE:
May 28, 2025

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ON FLOOR PLANS, ELEVATIONS AND CROSS SECTION.

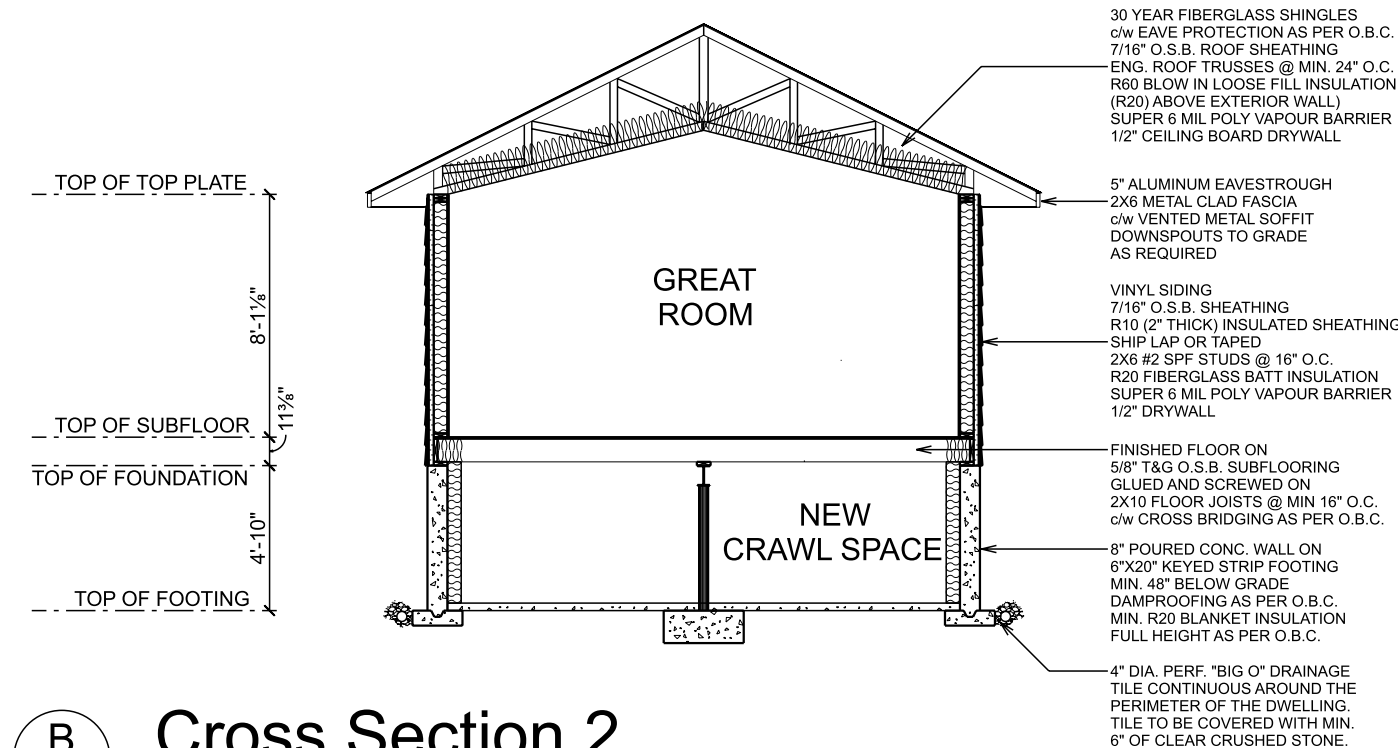
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ON FLOOR PLANS, ELEVATIONS AND CROSS SECTION.

ADDITION TO BE BUILT TO
SPECIFICATIONS OF TABLE
3.1.1.11. OF SB-12 (O.B.C.)

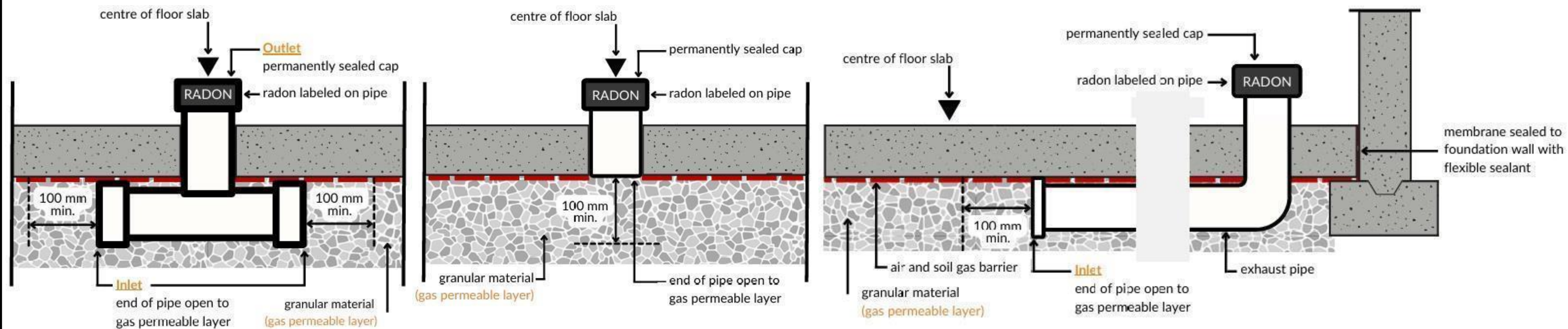


A
A3 Cross Section 1

ADDITION TO BE BUILT TO
SPECIFICATIONS OF TABLE
3.1.1.11. OF SB-12 (O.B.C.)



B
A3 Cross Section 2



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