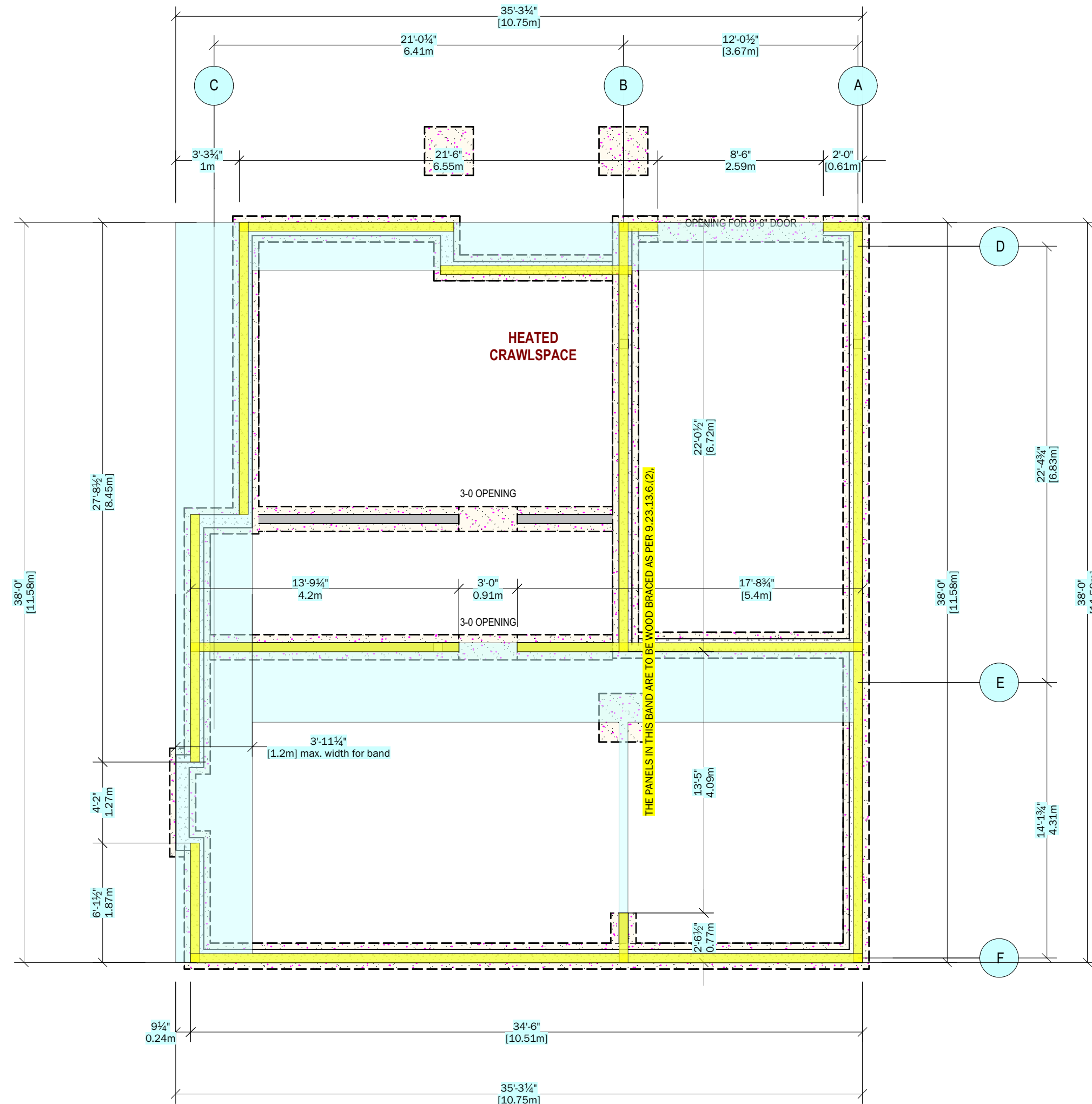
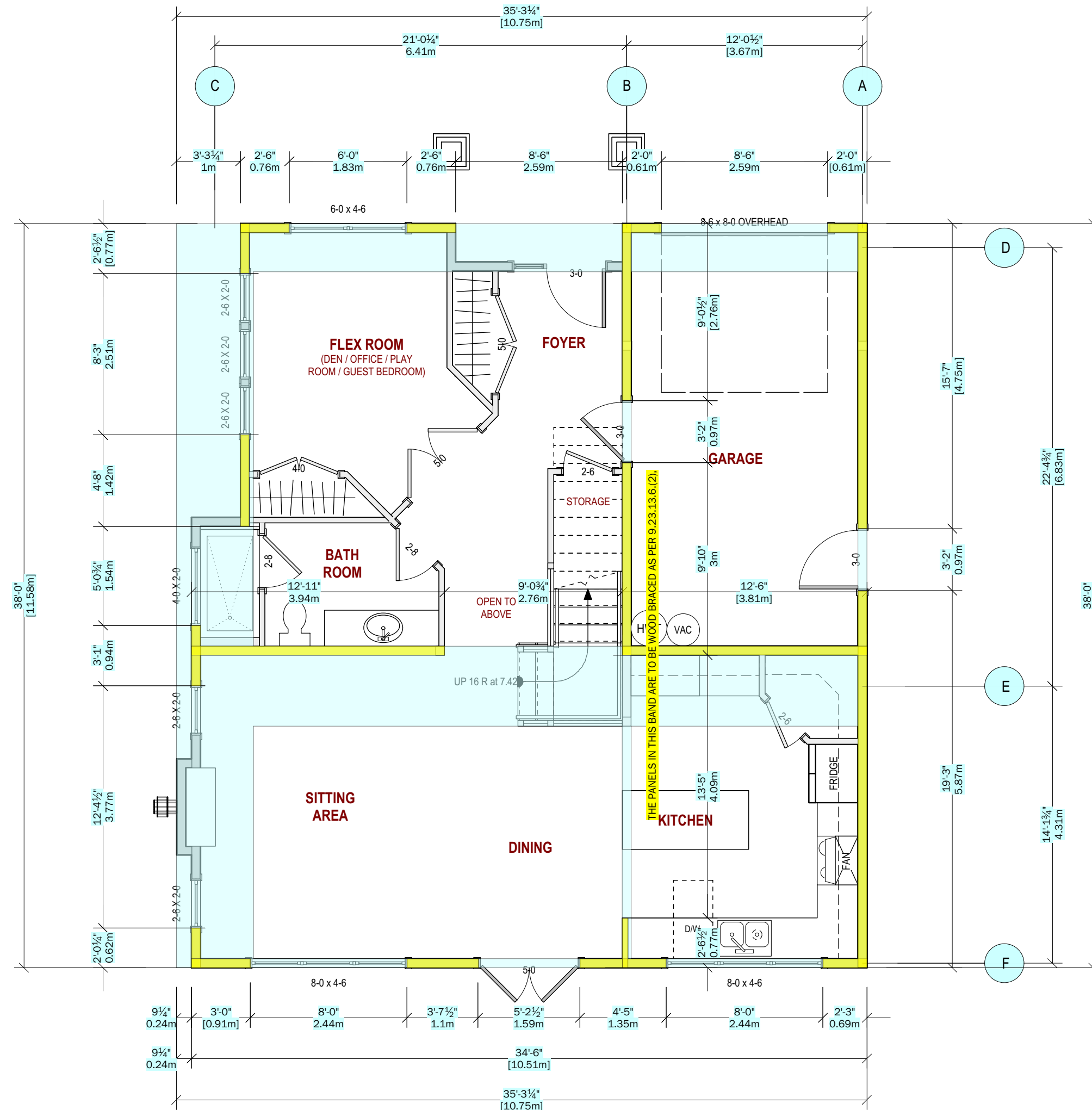


# Seismic Plans



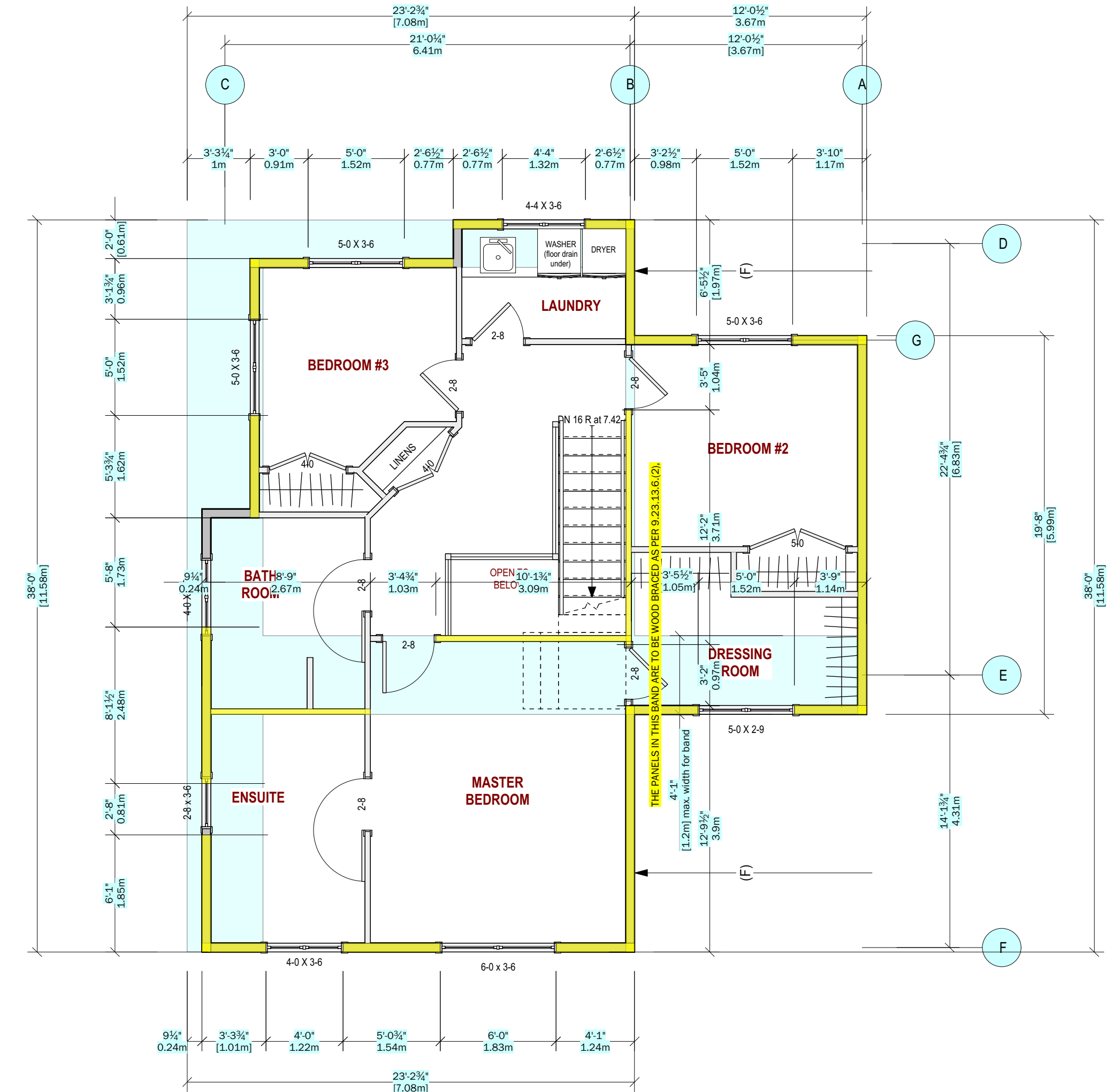
Foundation Plan				
Band	Band Length (m)	Min. 25% Req'd (m)	Length Provided (m)	% Provided
A	11.58	2.895	11.58	100%
B	11.58	2.895	7.49	65%
C	11.58	2.895	10.32	89%
D	10.75	2.688	7.16	67%
E	10.75	2.688	9.6	89%
F	10.75	2.688	10.51	98%

Foundation Plan  
Scale: 3/16" = 1'-0"



Main Floor				
Band	Band Length (m)	Min. 25% Req'd (m)	Length Provided (m)	% Provided
A	11.58	2.895	10.62	92%
B	11.58	2.895	6.53	56%
C	11.58	2.895	3.75	32%
D	10.75	2.688	2.74	25%
E	10.97	2.743	7.75	71%
F	10.97	2.743	4.05	37%

Main Floor  
Scale: 3/16" = 1'-0"



Upper Floor				
Band	Band Length (m)	Min. 25% Req'd (m)	Length Provided (m)	% Provided
A	5.99	1.498	5.99	100%
B	11.58	2.895	9.58	83%
C	11.58	2.895	6.91	60%
D	7.08	1.77	3.22	45%
E	10.97	2.743	7.95	72%
F	7.08	1.77	3.79	54%
G	3.67	0.917	2.15	59%

Upper Floor  
Scale: 3/16" = 1'-0"

SAMPLE Braced Wall Panel Construction	
Exterior Braced Wall Panel	-2x6 studs @ 16" o/c -3/8" plywood sheathing -sheathing fasteners to be 63mm common spiral or ring thread nails, 51mm screws, or 63mm 14-gauge staples
Interior Braced Wall Panel	-2x4 studs @ 16" o/c -1/2" gypsum board finish -fasteners to be nails @ 8" o/c or screws @ 12" o/c along vertical supports and top and bottom plates

LEGEND	BRACED WALL BANDS & PANELS (from Table 9.23.13.5)
(A)	Max. distance between center lines of braced wall bands is 7.6m (25') (15m or 49'-2" in basement)
(B)	Max. distance between edges of braced wall panels is 6.4m (21')
(C)	Max. distance from end of braced wall band to start of first braced wall panel is 2.4m (7'-11")
(D)	Min. length of braced wall panels when connecting to intersecting braced wall panels, is 600mm (2')
(E)	Min. length of braced wall panels in the field of the wall is 250mm (2'-6")
(F)	One exterior wall of the uppermost storey in each orthogonal direction may be set back from the exterior wall below... see CBC 9.23.13.7 (1), (2), AND (3)

NOTE: When supporting roof only, or one floor of light construction, the total length of all braced wall panels in a braced wall band must be 25% the length of the band.

### EXCEPTIONS FOR UPPER WALLS SET BACK

- 9.23.13.7. Additional System Requirements
- Except as provided in Sentences (2) and (3), one exterior wall of the uppermost storey in each orthogonal direction may be set back from the exterior wall of the storey below, provided the adjacent interior braced wall band of the storey below the setback wall:
    - is spaced not more than 10.6 m from the exterior wall of the storey below the setback wall,
    - consists of braced wall panels that are constructed of a wood-based material in conformance with Sentence 9.23.13.6 (2),
    - extends to the foundation, and
    - is not taken into consideration when providing braced wall panels constructed of a wood-based material at spacing intervals of not more than 15 m as per Sentence 9.23.13.6 (6).
  - Where the exterior wall of the uppermost storey is set back from the exterior wall of the storey below, the roof and floor space supporting the setback wall shall be sheathed with a wood-based material between the exterior wall of the storey below the setback and the adjacent interior braced wall bands of the storey below the setback.
  - Where the exterior wall of the uppermost storey is set back from the exterior wall of the storey below, the exterior walls perpendicular to the setback wall shall:
    - have their top plate connected with nails that are spaced at no greater than half the spacing required in Table 9.23.14, and
    - be fastened with twice the number of nails specified in Sentences 9.23.11.3 (4) and 9.23.11.4 (4).