

**FLOOR FRAMING PLAN**  
SCALE: 1:50

LINTEL SCHEDULE		
MARK	SIZE	NOTES
L1	3 - 38 x 140	PROVIDE FILLERS AS REQUIRED
L2	2 - 38 x 140	PROVIDE FILLERS AS REQUIRED
L3	2 - 38 x 235	PROVIDE FILLERS AS REQUIRED

BEAM SCHEDULE	
MARK	SIZE
B1	3 - 45 x 302 1.55E LSL
B2	2 - 38 x 140 1.55E LSL
B3	3 - 45 x 235 1.55E LSL
B4	2 - 38 x 140 SPF No1/No2
B5	3 - 38 x 235 SPF No1/No2

POST SCHEDULE	
MARK	SIZE
P1	3 - 38 x 140 (1 JACK STUDS + 2 KING STUD)
P2	2 - 38 x 140 (1 JACK STUD + 1 KING STUD)
P3	3 - 38 x 89 (2 JACK STUD + 1 KING STUD)
P4	3 - 38 x 140
P5	4 - 38 x 140
P6	140 x 140 PRESSURE TREATED
P7	3 - 38 x 89
C1	HSS 102x102x6.4 (GALV. EXTERIOR COLUMN)

JOIST SCHEDULE	
MARK	SIZE
J1	302 dp. PARALLEL CHORD FLOOR TRUSSES
J2	38 x 184 SPF No1/No2
J3	38 x 254 SPF No1/No2
J4	PRE-ENGINEERED ROOF TRUSSES

**STRUCTURAL DESIGN CRITERIA**

**1. ROOF LOADS:**

DEAD:  
 ROOF ASSEMBLY = 0.75 KPa  
 M & E ALLOWANCE = 0.25 KPa  
 TOTAL DEAD LOAD = 1.0 KPa

SNOW LOADS:  
 SNOW LOADS = 2.12 KPa +  
 DRIFTING SNOW WHERE NOTED.  
 IS = 1.0 (ULS), 0.9 (SLS)

**2. WIND:**

q1/50 = 0.58 KPa  
 q1/10 = 0.45 KPa  
 Iw = 1.0 (ULS) 0.9 (SLS)  
 Ce BASED ON 'OPEN TERRAIN'  
 Cp/Cg1 CATEGORY 2.2 (-0.45 TO 0.3)  
 Cp/Cg2 OVERALL BUILDING - PER FIG I-7  
 WALLS - FIG I-8  
 ROOF - FIG I-9

WIND BASE SHEAR = 110 KN SPECIFIED

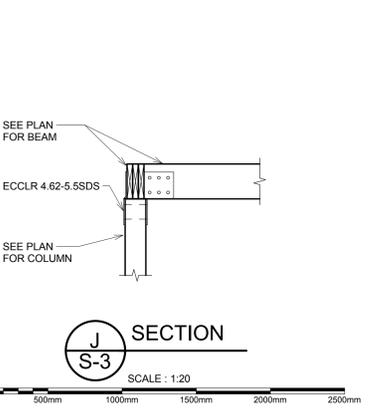
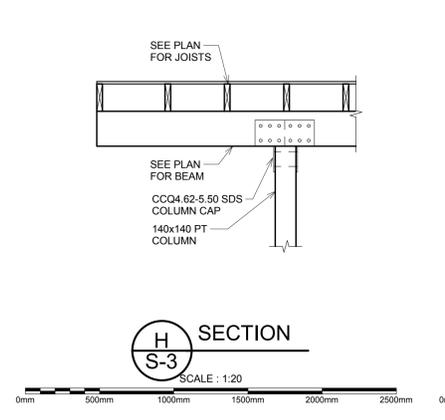
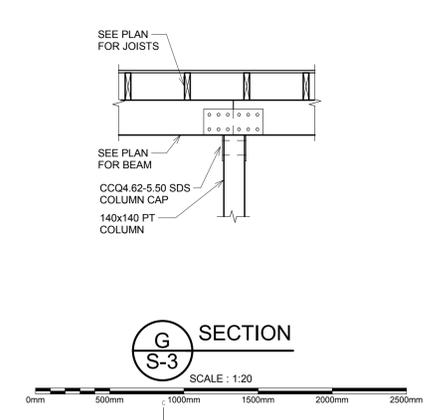
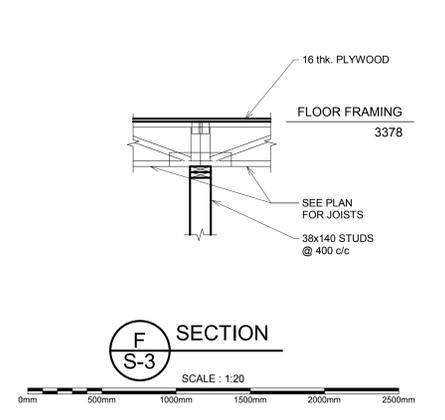
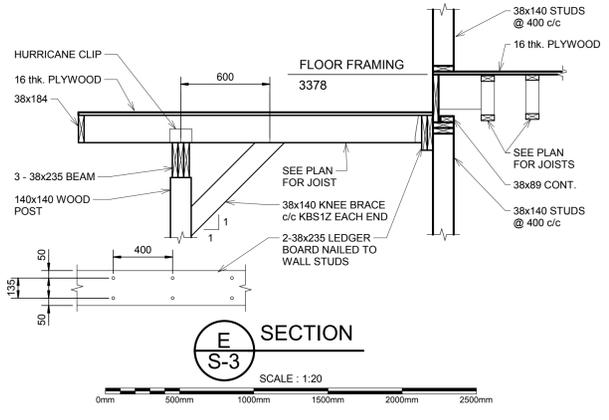
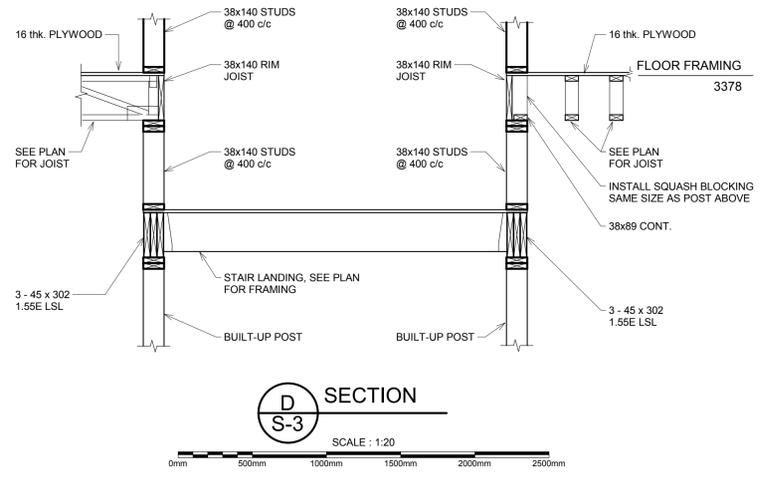
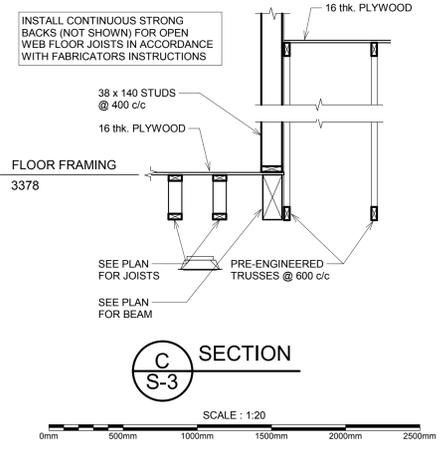
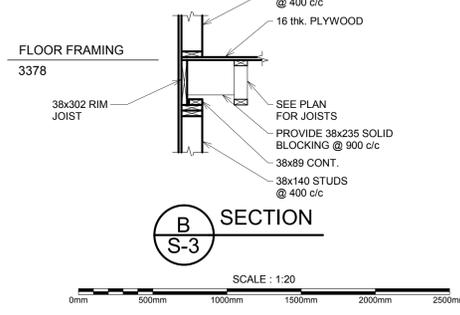
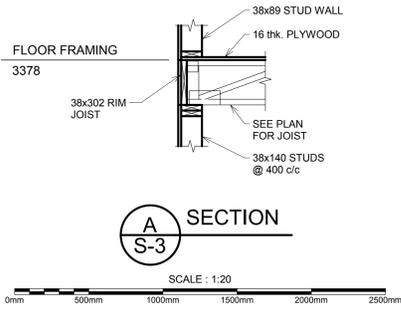
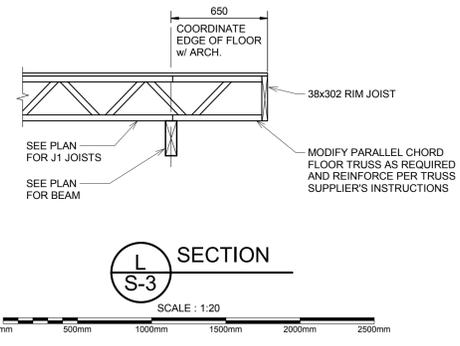
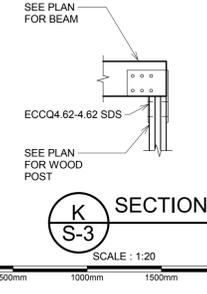
**3. SEISMIC**

Sa(0.2) = 0.110  
 Sa(0.5) = 0.082  
 Sa(1.0) = 0.053  
 Sa(2.0) = 0.029  
 Sa(5.0) = 0.0076  
 Sa(10.0) = 0.0032  
 PCV = 0.069  
 PGAREF = 0.0512  
 SITE CLASS = C  
 Mv = 1.65  
 Rd = 2.0  
 Ro = 1.7  
 Ie = 1.0  
 Ta = 0.21 SEC

SEISMIC BASE SHEAR = 12 KN

**NOTES:**

- ALL TIMBER TO BE SPF No1/No2.
- ALL EXTERIOR WALL FRAMING TO BE 38 x 140 STUDS @ 400 c/c MAX. c/w DOUBLE TOP PLATE AND SINGLE BOTTOM PLATE.
- ALL INTERIOR WALL FRAMING TO BE 38 x 89 STUDS @ 400 c/c MAX. c/w DOUBLE TOP PLATE AND SINGLE BOTTOM PLATE U.N.O.
- REFER TO DRAWING S-5 FOR TYPICAL DETAILS AND NOTES.



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1	ISSUED FOR TENDER	2018.09.19
rev.		date

project **BIO SEARCH & RESCUE MARINE OPERATIONS BUILDING** project  
 Dartmouth, Nova Scotia

**FLOOR FRAMING PLAN AND SECTIONS**

designed Designer	conqu
date	09/19/18
drawn Author	dessiné
date	09/19/18
approved Approver	approuvé
date	09/19/18
Tender	Soumission
PWGSC Project Manager	Administrateur de projets TPSPGC
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drawing no.	no. du dessin
<b>S-3</b>	