

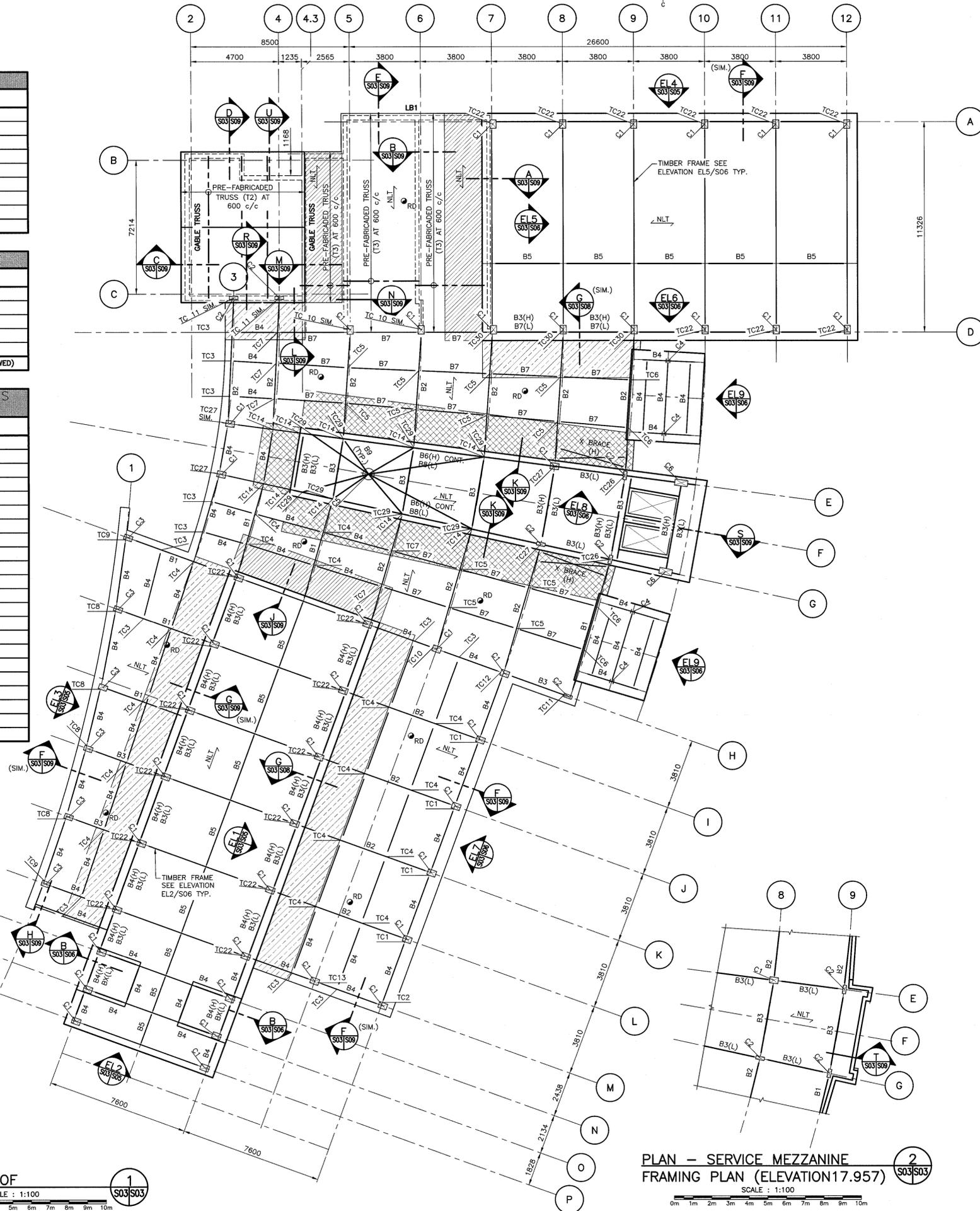


APPROX. NORTH

BEAM SCHEDULE	
MARK	SIZE
B1	279 x 457 GLULAM
B2	327 x 457 GLULAM
B3	184 x 457 GLULAM
B4	184 x 267 GLULAM
B5	86 x 267 GLULAM
B6	327 x 686 GLULAM
B7	184 x 318 GLULAM
B8	W530 x 370
B9	200 DIA. TIMBER

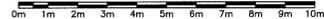
COLUMN SCHEDULE	
MARK	SIZE
C1	327 x 457
C2	184 x 457
C3	279 x 457
C4	W200 x 46
C5	500 DIA.
C6	327 x 686 GLULAM. (SKEWED)

TIMBER CONNECTIONS SCHEDULE	
MARK	DETAIL
TC1	SEE DETAIL 1/S10
TC2	SEE DETAIL 2/S10
TC3	SEE DETAIL 3/S10
TC4	SEE DETAIL 4/S10
TC5	SEE DETAIL 5/S10
TC6	SEE DETAIL 6/S10
TC7	SEE DETAIL 7/S10
TC8	SEE DETAIL 8/S10
TC9	SEE DETAIL 9/S11
TC10	SEE DETAIL 10/S11
TC11	SEE DETAIL 11/S11
TC12	SEE DETAIL 12/S11
TC13	SEE DETAIL 13/S11
TC14	SEE DETAIL 14/S11
TC27	SEE DETAIL 15/S11
TC26	SEE DETAIL 16/S11
TC27	SEE DETAIL 32/S12
TC28	SEE DETAIL 38/S12
TC29	SEE DETAIL 34/S12
TC30	SEE DETAIL 35/S12
TC31	SEE DETAIL 36/S12
TC32	SEE DETAIL 37/S12



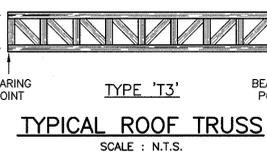
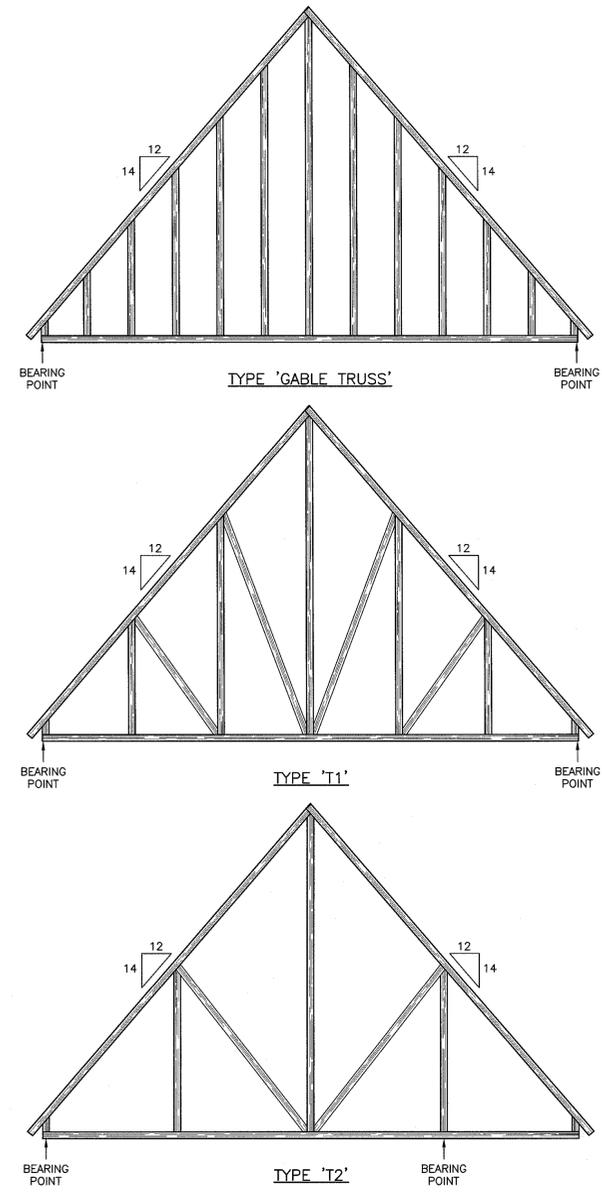
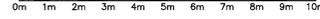
PLAN - ROOF

SCALE : 1:100



PLAN - SERVICE MEZZANINE FRAMING PLAN (ELEVATION 17.957)

SCALE : 1:100



DRIFT ZONE LEGEND:

Zone 1 (diagonal hatching)	5.94 kPa	3.08 kPa
Zone 2 (horizontal hatching)	7.47 kPa	3.08 kPa
Zone 3 (cross-hatching)	6.8 kPa	3.08 kPa

ROOF DESIGN LOADS:

DEAD LOAD:	2.2 kPa
SUSP. DEAD LOAD:	1.0 kPa
SNOW LOAD:	3.08 kPa + DRIFTS

WIND LOAD:

SLOPED/PEAKED ROOFS:	
WIND UPLIFT, END ZONE:	1.47 kPa
WIND UPLIFT, NON-END ZONE:	1.15 kPa
WIND DOWN:	1.31 kPa

FLAT ROOFS:

WIND UPLIFT, END ZONE:	2.12 kPa
WIND UPLIFT, NON-END ZONE:	1.40 kPa
WIND DOWN:	0.72 kPa
END ZONE WIDTH:	1m

LEGEND:
 NLT : DENOTES 105 THICK NAIL LAMINATED TIMBER PANEL.
 → : DENOTES SPAN DIRECTION.
 RD : DENOTES ROOF DRAIN, SEE ARCH. DRAWINGS.
 C# : DENOTES COLUMN, SEE SCHEDULE.
 TC# : DENOTES TIMBER CONNECTION, SEE SCHEDULE.

The Association of Professional Engineers of the Province of Prince Edward Island
 S. L. Myer
 No. 1257
 DATE: SEPT 15/17
 LICENSED PROFESSIONAL ENGINEER
 Province of Prince Edward Island

5	ISSUED FOR TENDER	09.15.2017
4	RS4 - 100% SUBMISSION	09.01.2017
3	RS4 - 99% SUBMISSION	08.30.2017
2	RS4 - 66% SUBMISSION	05.31.2017
1	RS4 - 33% SUBMISSION	04.30.2017
0	RS03 SUBMISSION	03.31.2017

project
GREEN GABLES-PHASE 2
NEW VISITOR CENTRE
QUEENS CO., PEI

drawing
STRUCTURAL ROOF PLAN

designed	SLJM	conçu
date	MAR-2017	
drawn	JLK	dessiné
date	MAR-2017	
approved		approuvé
date		
Tender	Project Manager	Soumission
PWSSC	Administrateur de projets IPSGC	
project number	R.081199.001	no. du projet
drawing no.	S03 OF 12	no. du dessin