

1 ROOF FRAMING PLAN
 SCALE: 1:100
 SNOW LOAD: 1.72 kPa
 DEAD LOAD: 1.2 kPa

BASEPLATE SCHEDULE		
TYPE '1' 25mm THICK	TYPE '2' 25mm THICK	TYPE '3' 25mm THICK
TYPE '4' 19mm THICK	TYPE '5' 19mm THICK	TYPE '6' 19mm THICK

STEEL COLUMN SCHEDULE			
MARK	COLUMN SIZE	BASEPLATE	U/S BASEPLATE EL.
SC1	HSS219x13	TYPE 1 & 2	EL. 99 660
SC2	HSS102x102x8.0	TYPE 4, 5 & 6	EL. 99 660

NOTES:
 - PROVIDE 4-M24 ANCHORS FOR SC1 COLUMNS
 - PROVIDE 4-M20 ANCHORS FOR SC2 COLUMNS

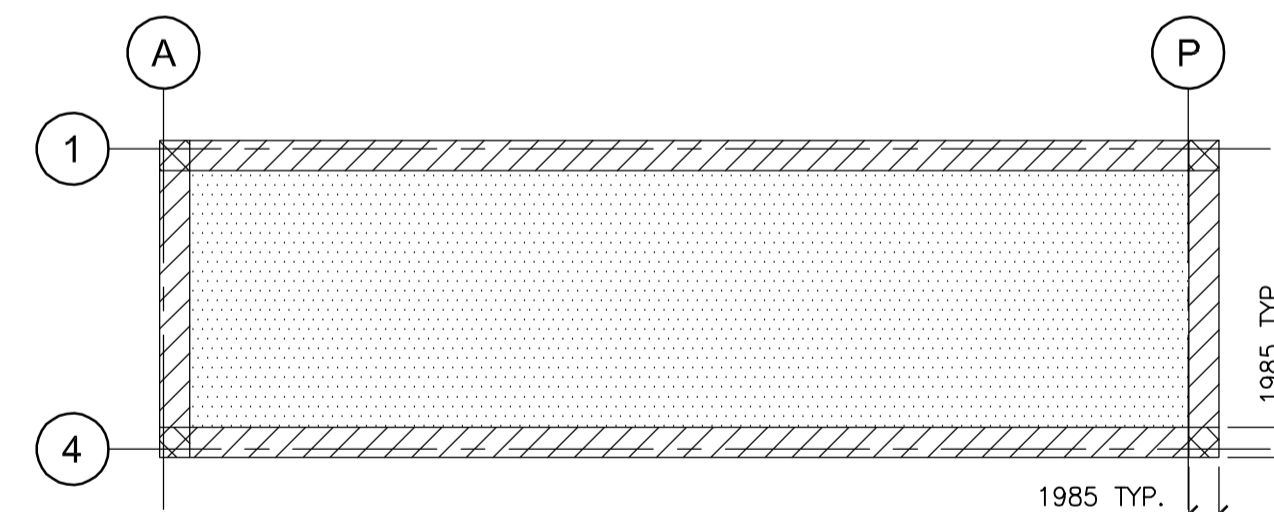
GIRT SCHEDULE	
MARK	TYPE
G1	HSS152x102x9.5 (LLH)
G2	HSS203x152x9.5 (LLH)
G3	HSS254x152x13 (LLH)

STEEL TRUSS SCHEDULE	
MARK	NOTE
T1	SEE SECTION 1/S3.2
T2	SEE SECTION 2/S3.2

600mm WIDE x130mm DEEP DOUGLAS FIR-L GLUE LAMINATED TIMBER PANELS, MIN. 20'E GRADE. REFER TO ARCH. FOR PROFILE (FLUTED) C/W 19mm PLYWOOD

STEEL BEAM SCHEDULE	
MARK	TYPE
B1	HSS152x152x6.4
B2	HSS203x203x8.0

UN-FACTORED WIND DIAGRAM				
AREA	UPLIFT (kPa)		DOWNWARD (kPa)	
	ULS	SLS	ULS	SLS
	1.89	1.40	0.44	0.30
	0.98	0.70	0.44	0.30
	0.76	0.60	0.44	0.30



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No.	Date	Issue / Revision	By
4.	2019-07-08	Issued for Construction	LHT
4.	2019-06-26	Issued for 100% Pre-Tender Review	LHT
3.	2019-05-13	Issued for Pre-Tender Review	LHT
2.	2019-02-22	Design Development	LHT
1.	2018-12-17	Schematic Design Review	LHT

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Bill and Helen Norrie Library
 Project No.: 2017-082
 Tender No.: 542-2019
 Address: 15 Poseidon Bay, Winnipeg, MB.

Roof Framing Plan

Comm. No.: 1847

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