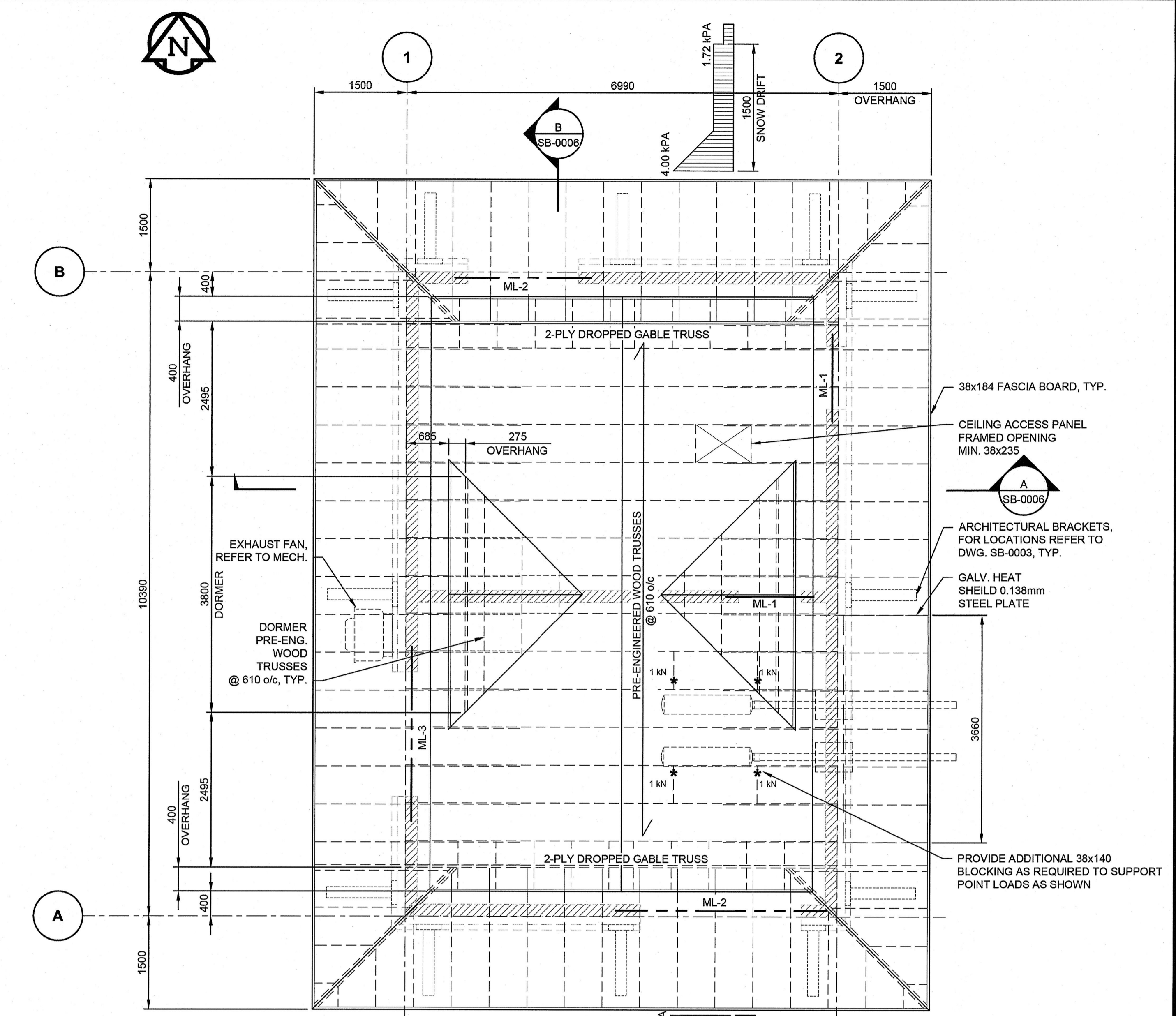
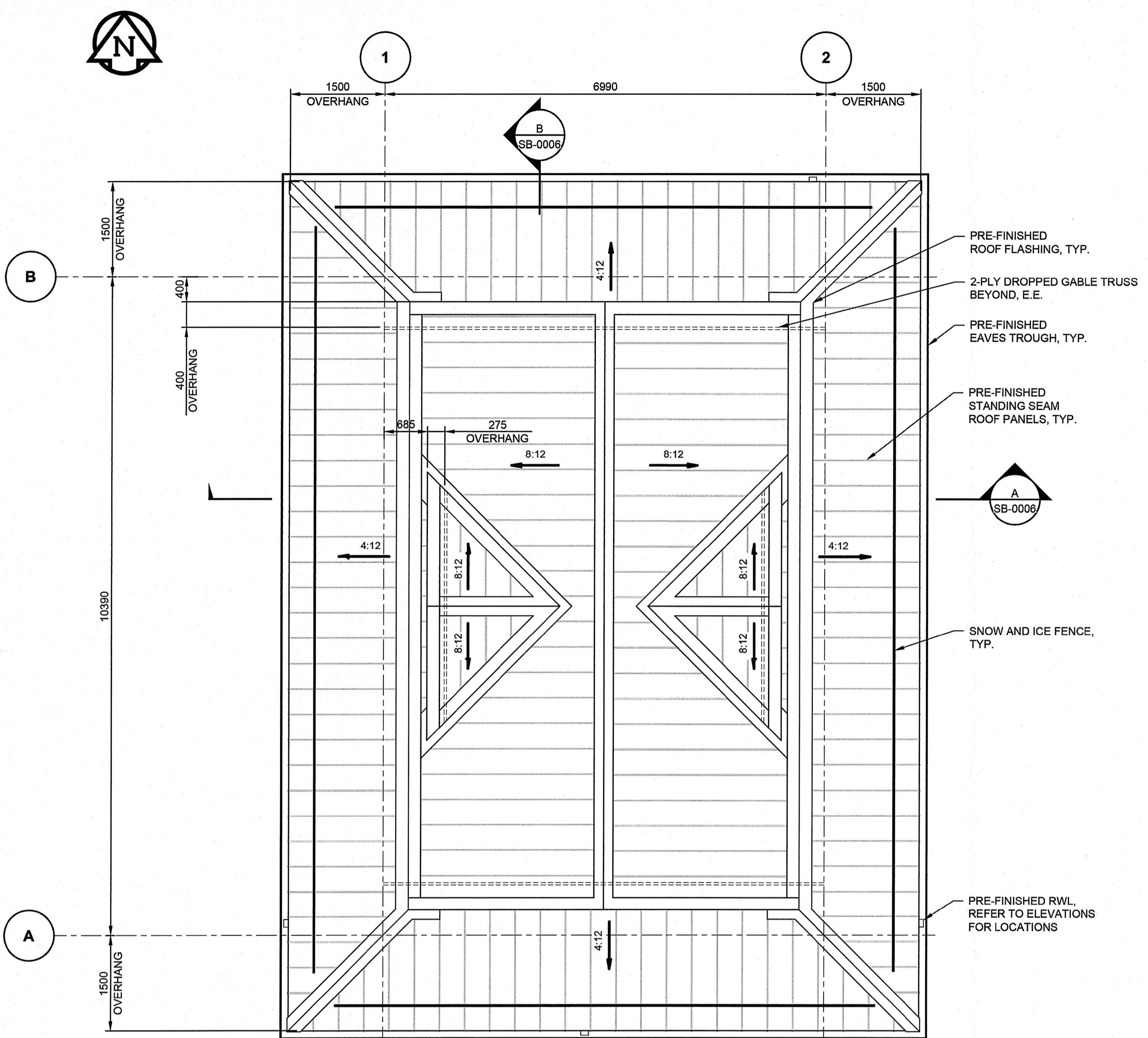
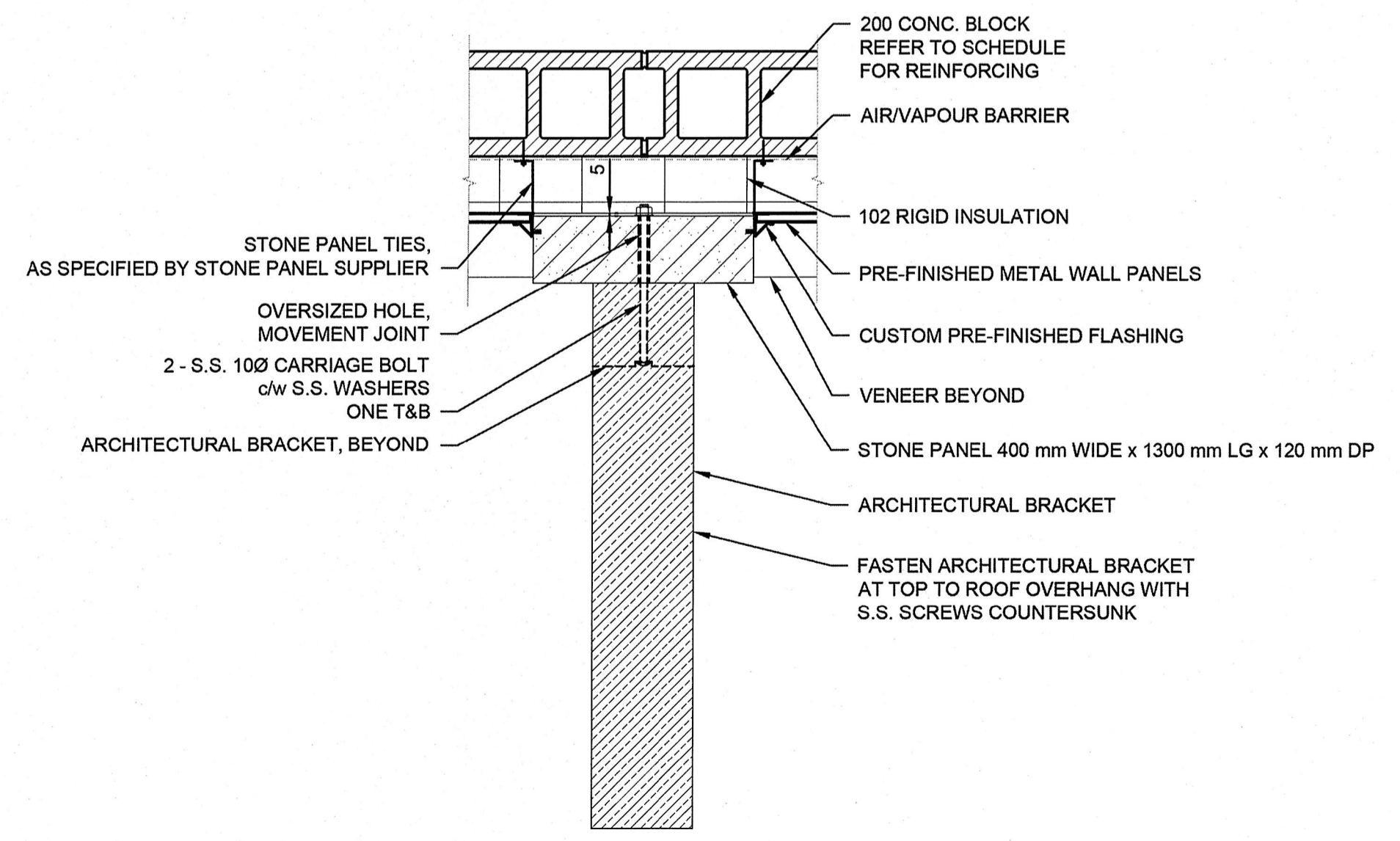


AECOM REVIEW / DRAFT CHK / 2013-04-03 / C:\DOCUMENTS AND SETTINGS\STEPHEN\APPLICATION DATA\AUTOCAD\2013\PLT\PLTSTYLE\055C-H-BAC.CTB

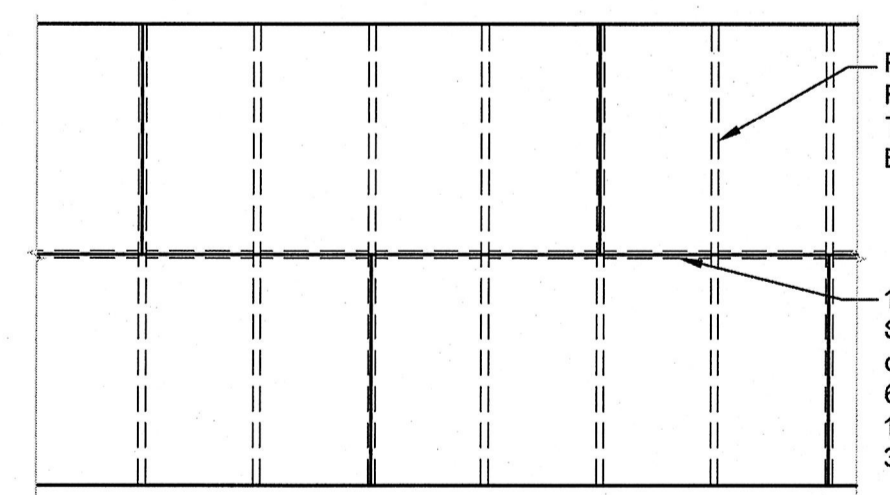


ROOF PLAN
1:50

ROOF FRAMING PLAN
1:50



TYPICAL ARCHITECTURAL BRACKET DETAIL
1:10



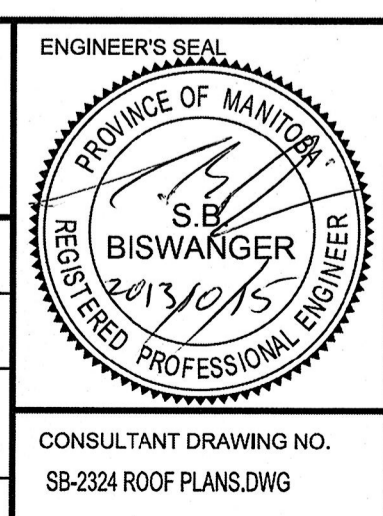
ROOF PANEL DIAGRAM
NTS

DISTRIBUTION OF SNOW LOAD		
8/12 ROOF	CASE 1 1.58 kPa (ULS) 1.44 kPa (SLS)	CASE 2 1.93 kPa (ULS) 1.76 kPa (SLS)
4/12 ROOF	CASE 1 1.72 kPa (ULS) 1.57 kPa (SLS)	CASE 2 1.98 kPa (ULS) 1.80 kPa (SLS)
ROOF DESIGN LOADS (UNFACTORED)		
DEAD LOADS	ROOF LOAD	0.75 kPa
	ROOF COLLATERAL LOADS (ELECTRICAL - MECHANICAL - PROCESS)	0.5 kPa
SNOW LOADS	BASED ON NBC OF CANADA 2010, NORMAL IMPORTANCE CATEGORY, Is=1.0 ULS, Is=0.9 SLS	
	Ss	1.9 kPa
	Sr	0.2 kPa
WIND LOADS	BASED ON NBC OF CANADA 2010, NORMAL IMPORTANCE CATEGORY, Iw=1.0 ULS, Iw=0.75 SLS	
	q(1/50)	0.45 kPa

PROVIDE ADDITIONAL 38x140 SOLID WOOD BLOCKING AT ALL MECHANICAL AND ELECTRICAL EQUIPMENT LOCATIONS HUNG FROM CEILING/ROOF NOT ALONG TRUSS BOTTOM CHORD

LOCATION APPROVED UNDERGROUND STRUCTURES		B.M. ELEV.	
SUPV. U/G STRUCTURES COMMITTEE	DATE		
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.			
0	ISSUED FOR TENDER	13/10/15	KK
NO.	REVISIONS	DATE	BY

AECOM	
DESIGNED BY	KK
CHECKED BY	A.L.B.
DRAWN BY	KK
APPROVED BY	[Signature]
HOR. SCALE:	AS NOTED
VERTICAL:	AS NOTED
RELEASED FOR CONSTRUCTION BY:	[Signature]
DATE	2013-07-12



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION CONTRACT 3

CITY DRAWING NUMBER U238-2014-2324	SHEET 04 OF 08
STRUCTURAL SUPERSTRUCTURE ROOF AND ROOF FRAMING PLANS	SB-0004

BID OPPORTUNITY NO. 712-2013