

GENERAL

1. ALL DESIGN HAS BEEN COMPLETED IN ACCORDANCE WITH THE 2012 EDITION OF THE BRITISH COLUMBIA BUILDING CODE, INCLUDING ALL ADDENDA.
2. ALL CONSTRUCTION MUST BE IN ACCORDANCE WITH THE BRITISH COLUMBIA BUILDING CODE, INCLUDING ALL ADDENDA, ALL REFERENCED CODES AND ALL FEDERAL AND MUNICIPAL REGULATIONS AND BY-LAWS.
3. ALL REFERENCED CODES AND STANDARDS SHALL BE AS REFERENCED IN THE GOVERNING EDITION OF THE BRITISH COLUMBIA BUILDING CODE

DESIGN CRITERIA: kPa

METCHOSIN		SEISMIC LOADS	
SNOW LOADS			
Ss	2.0 kPa	Rd	1.5
Sr	0.3 kPa	Ro	1.3
Is	1.0	Ie	1.0
WIND LOADS		SPECTRAL ACCELERATION	
q10	0.48kPa	Sa (0.2)	Sa (0.5)
q50	0.63kPa	1.2	0.82
Iw	1.0	0.38	0.19
		0.61	
		SITE CLASS D (ASSUMED)	

4. THESE DRAWINGS INCLUDING DIMENSIONS SHALL BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DRAWINGS AND SPECIFICATIONS. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE STRUCTURAL ENGINEER FOR CLARIFICATION PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL BE FAMILIAR WITH ALL PROJECT DRAWINGS INCLUDING THOSE OF OTHER DISCIPLINES AND SHALL MAKE ALLOWANCES FOR ALL ITEMS SHOWN ON OTHER DRAWINGS THAT AFFECT THIS CONTRACTOR'S WORK.
5. THE CONTRACTOR SHALL SUBMIT WRITTEN RECOMMENDATIONS FOR FLATWORK PERFORMED DURING COLD (BELOW +5°C) AND HOT (ABOVE +25°C) WEATHER. THE RECOMMENDATIONS SHALL BE PREPARED, SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROVINCE OF BRITISH COLUMBIA. A SCHEDULE 'S' SHALL ALSO BE SUBMITTED UPON REQUEST. FLATWORK INCLUDES SLABS ON GRADE, SUSPENDED SLABS, MASONRY, AND CONCRETE TOPPING.
6. UNDER NO CIRCUMSTANCES SHALL DRAWINGS BE SCALED.
7. CONTRACTOR AND ALL SUB-TRADES SHALL VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING FABRICATION.

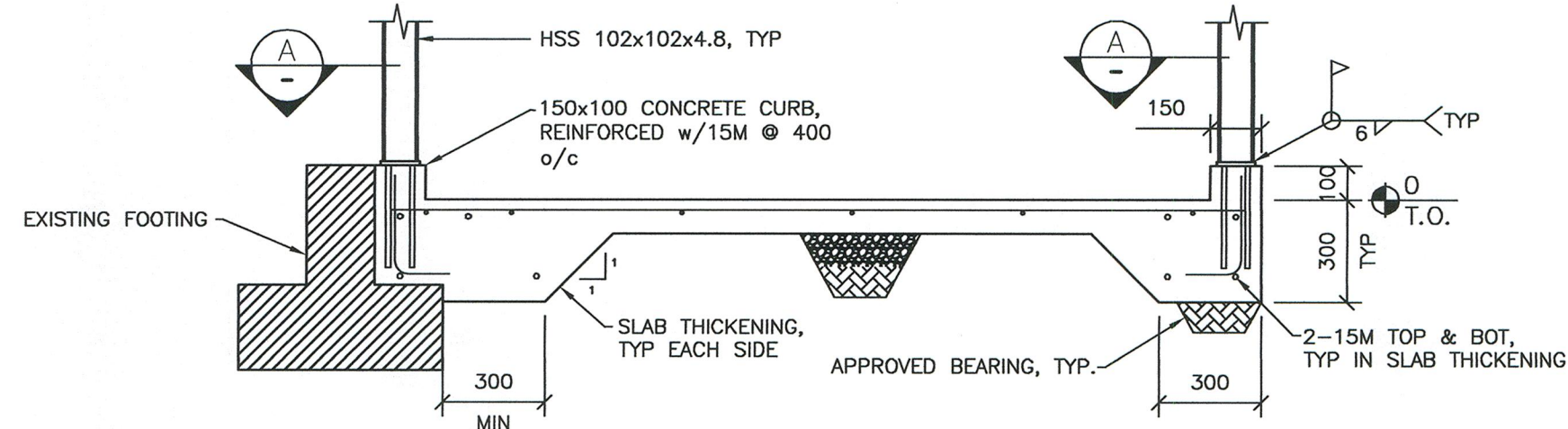
FIELD REVIEWS

1. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 24 HOURS (1 WORKING DAY) ADVANCE NOTICE FOR FIELD REVIEWS.
2. THE FOLLOWING FIELD REVIEWS ARE CONSIDERED TO BE THE MINIMUM NUMBER OF STRUCTURAL FIELD REVIEWS REQUIRED FOR THE PROJECT:

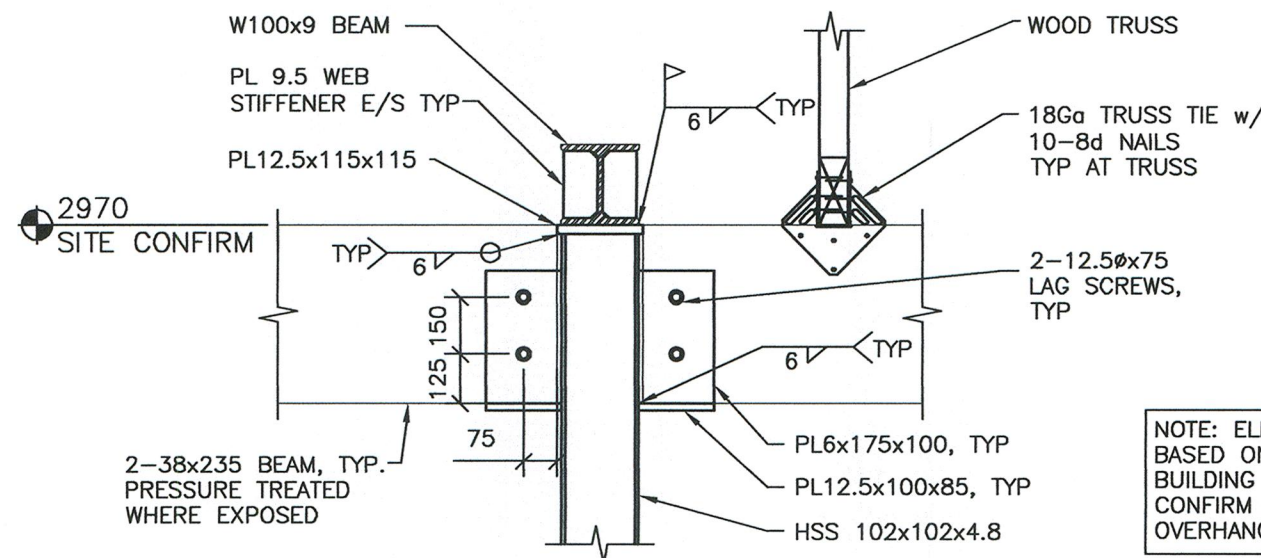
CONCRETE: REINFORCING STEEL SHALL BE REVIEWED PRIOR TO PLACING CONCRETE. REINFORCING IN CONCRETE WALLS SHALL BE REVIEWED PRIOR TO "BUTTONING UP" WALL FORMS.

TIMBER: FRAMING SHALL BE REVIEWED PRIOR TO COVERING ANY FRAMING AND BEFORE LOADS SUCH AS CONCRETE TOPPING AND MECHANICAL EQUIPMENT ARE APPLIED.

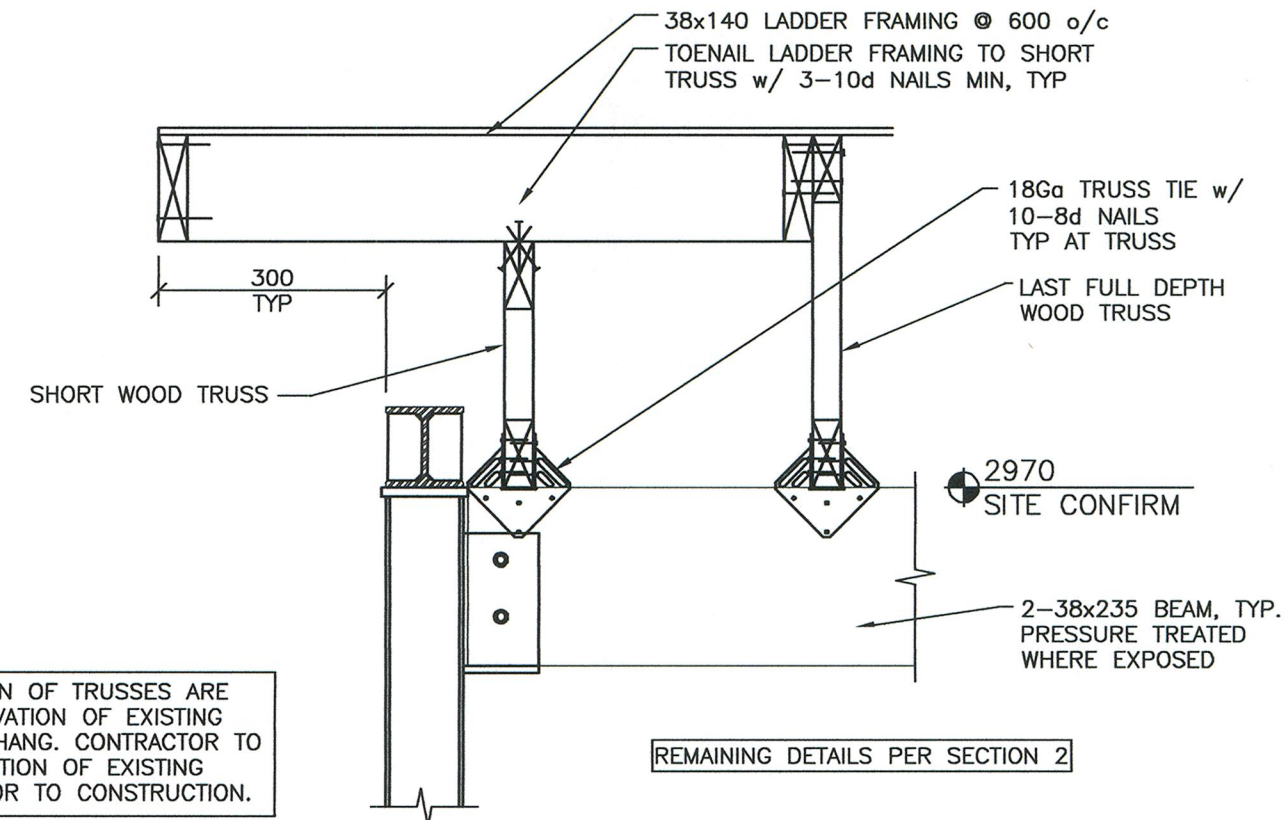
STEEL: STRUCTURAL STEEL SHALL BE REVIEWED AFTER THE MEMBERS HAVE BEEN FABRICATED AND ARE IN THEIR FINAL POSITION WITH ALL CONNECTIONS COMPLETE AND ALL BOLTS INSTALLED AND TIGHTENED.
3. IF THE OPPORTUNITY TO PERFORM THE REQUIRED FIELD REVIEWS IS NOT PROVIDED, FINAL CERTIFICATION OF THE PROJECT WILL NOT BE ISSUED.



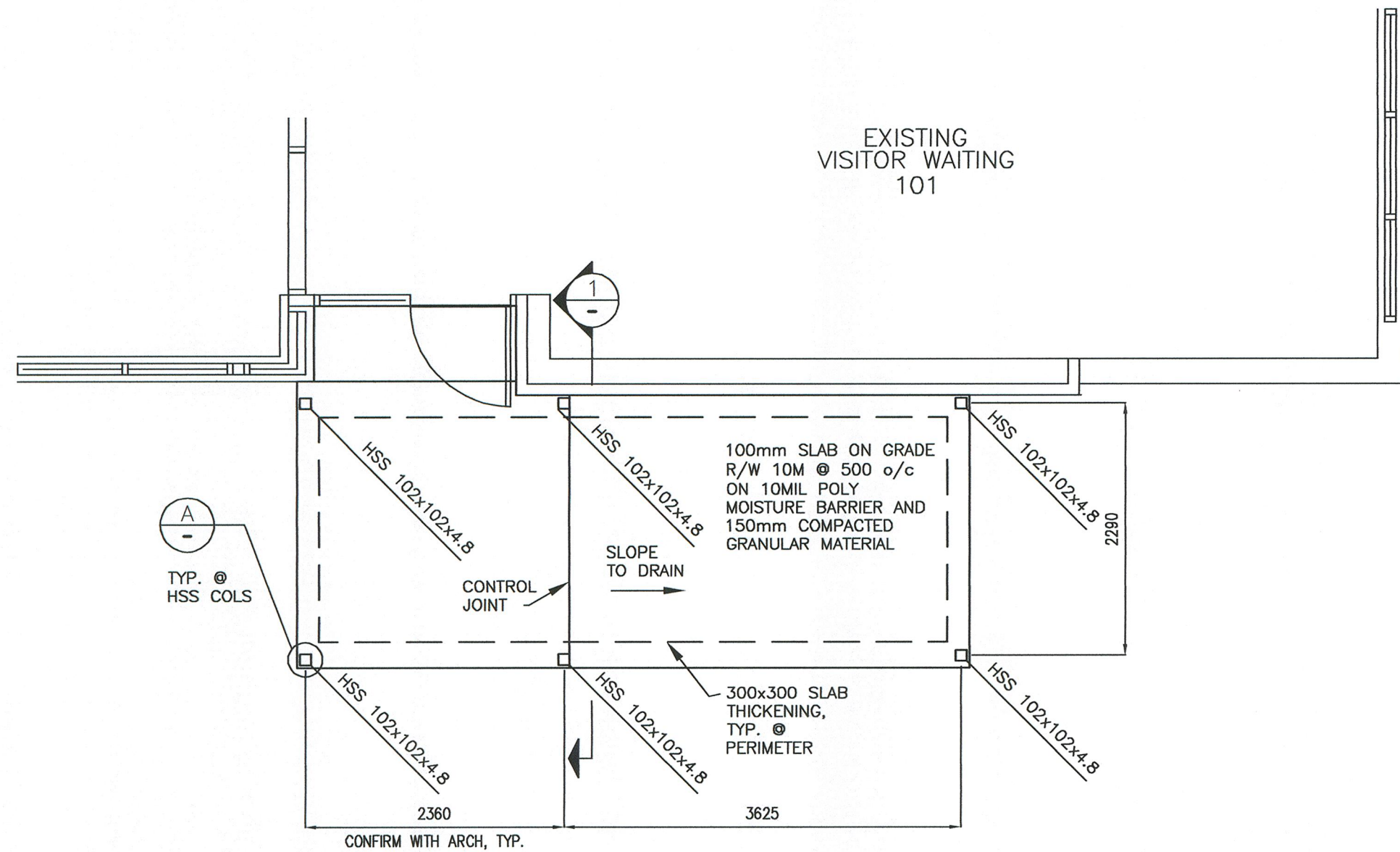
SECTION 1
1:20



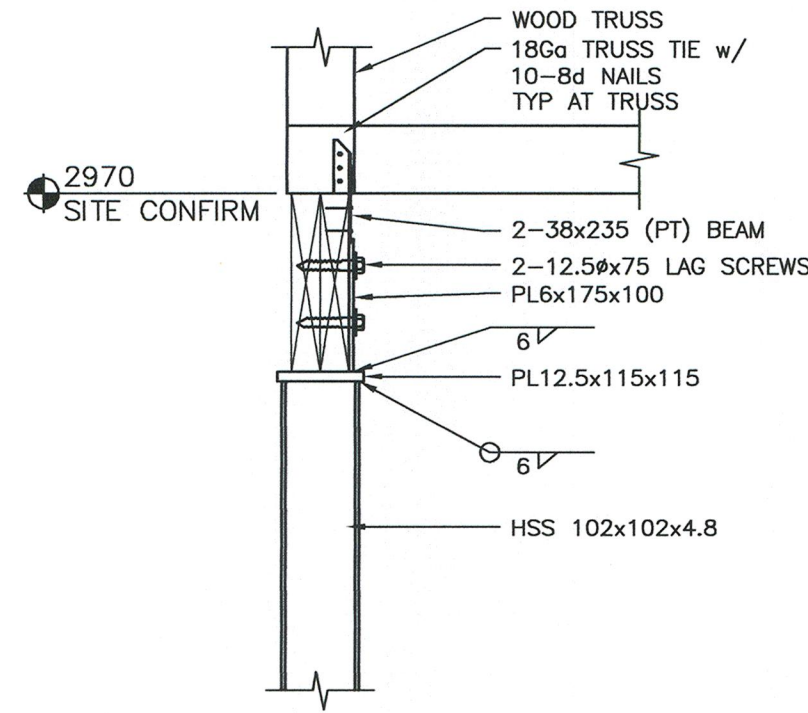
SECTION 2
1:10



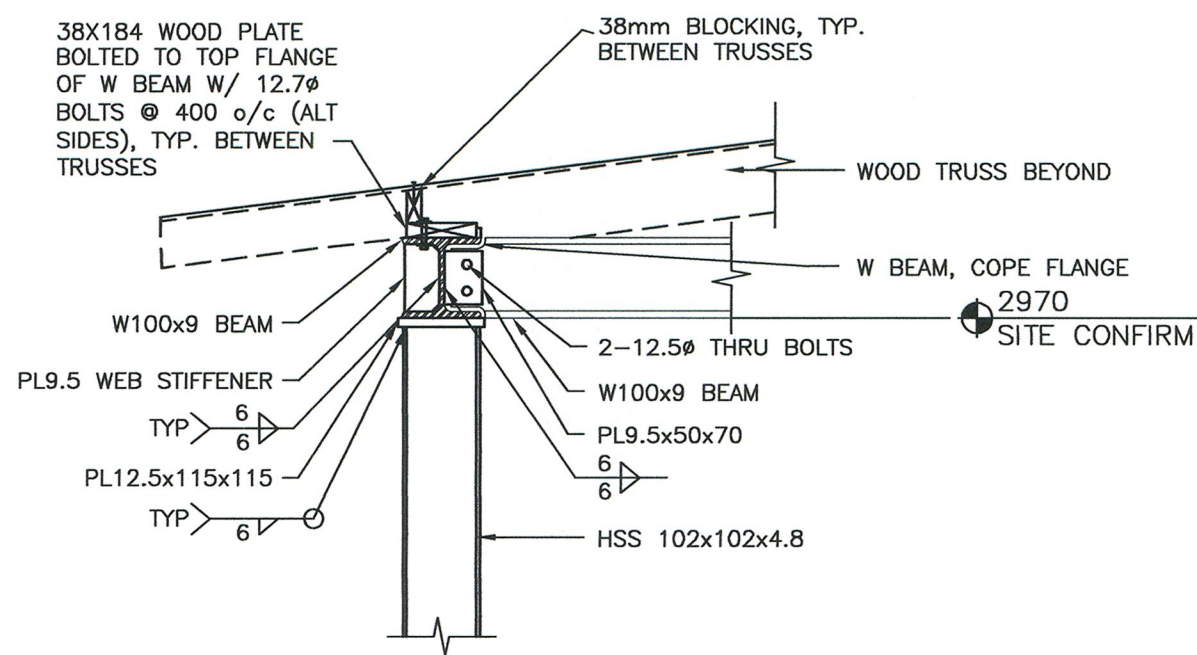
SECTION 3
1:10



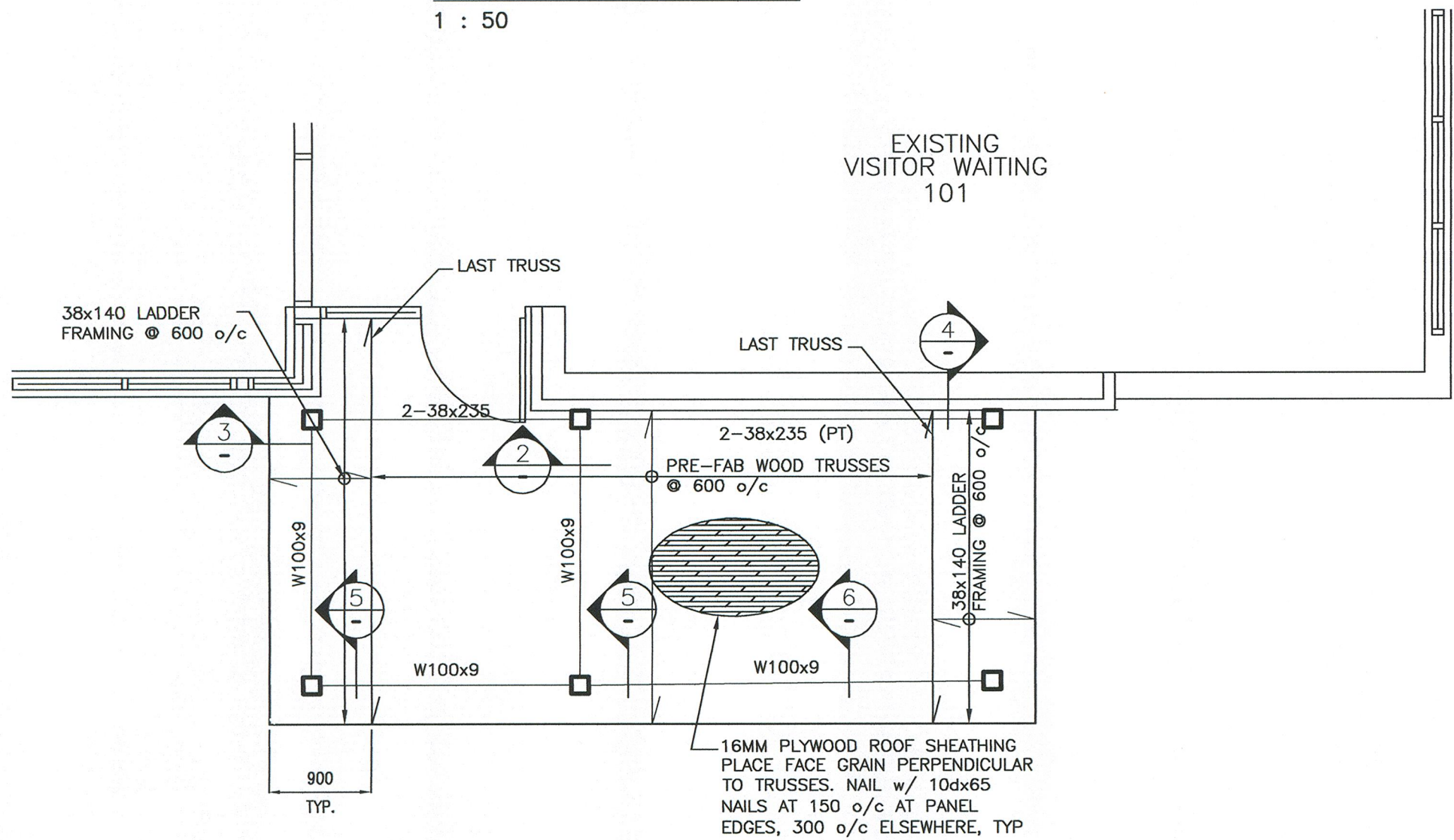
Foundation Plan
1 : 50



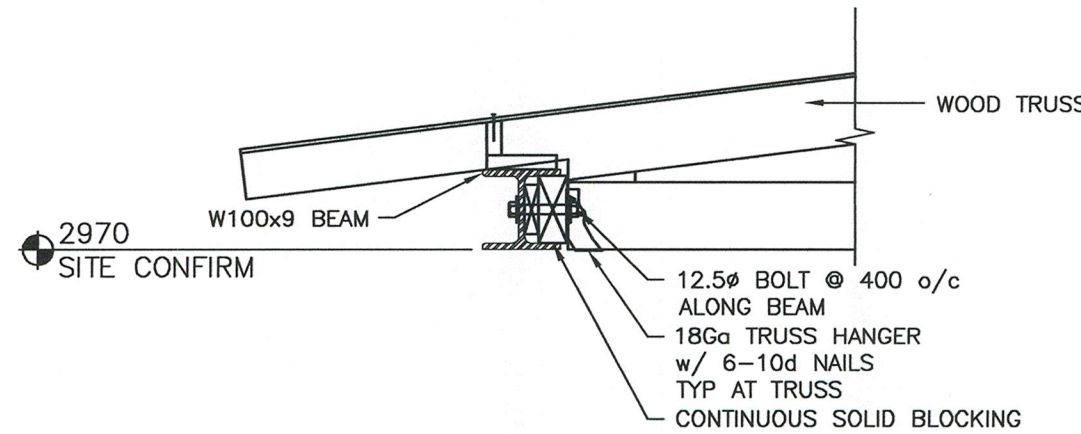
SECTION 4
1:10



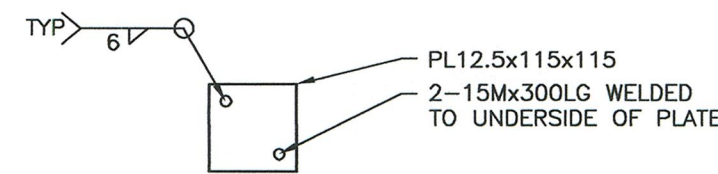
SECTION 5
1:10



Roof Plan
1 : 50



SECTION 6
1:10



6 PLACES
BASE PLATE DETAIL
1:10



Correctional Service Canada
Metchosin BC
William Head Institution

Project title/Titre du projet

Principal Entrance
Renovations

Consultant Signature Only

Designed by/Concept par
D. Binkley

Drawn by/Dessiné par
D. Binkley May 2014

PWSSC Project Manager/Administrateur de Projets TPSSC
S. Leslie

Regional Manager, Architectural and Engineering Services
Gestionnaire régionale, Services d'architecture et de génie, TPSSC

Drawing title/Titre du dessin

Structural Plans
and Details

Project No./No. du
projet
R.066815.001

Sheet/Feuille
S01

Revision no./
La Révision
no.
A