

0	JUL.07_23	ISSUED FOR CONSTRUCTION	AB	SRV
В	JUN.27_23	ISSUED FOR REVIEW	AB	SRV
Α	JUN.06_23	ISSUED FOR REVIEW	AB	SRV
REV	DATE	DESCRIPTION	BY	CHK

ENGINEERING INC.

974 MCKINNON ROAD, WILLIAMS LAKE, B.C. V2G 2L3

DRIVE,
QUESNEL, B.C.
V2J IZI
470

reception@octoengineering.ca

Project Address:
100 KEIS AVE QUESNEL

Project No.:

D235-014

Project Title: WORKSHOP - ADDITION

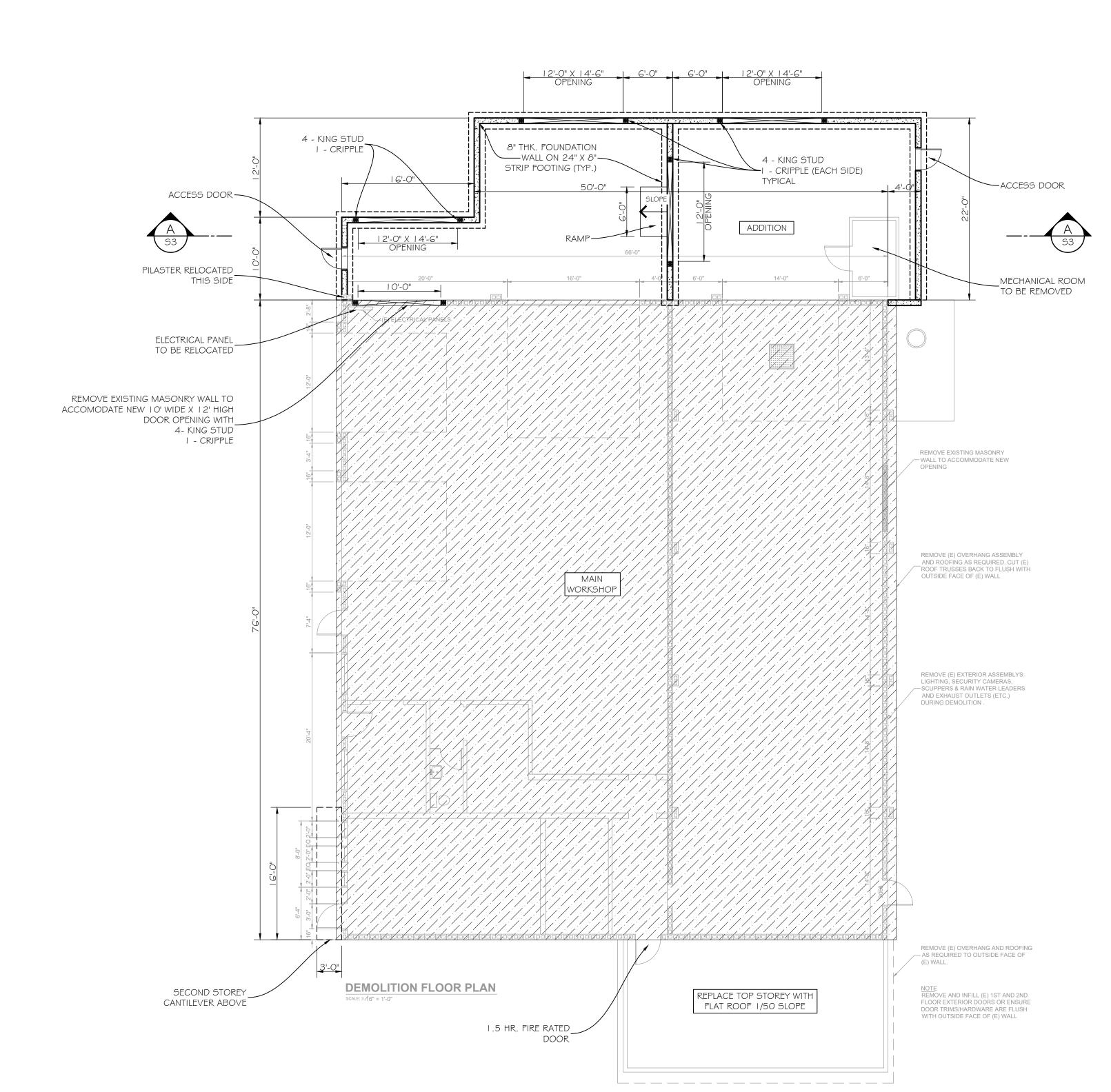
Drawing Title:

FOUNDATION PLAN & TYPICAL DETAILS

Drawing Scale: AS SHOWN

SI OF 3

Sheet No:



FOUNDATION PLAN

1/8" = 1'-0"

CODE: BCBC 2018 FLOOR DEAD LOAD (DL) 0.5 kPa DESIGN LOADS: ROOF DEAD LOAD (DL) 0.7 kPa FLOOR LIVE LOAD (LL) 1.9 kPa PART 9 - CWC 2014 GROUND SNOW LOAD (SS) 3.0 kPa ROOF SNOW LOAD (S) PART 4 - BCBC 1.75 kPa ASSOCIATED RAIN LOAD (SR) 0.1 kPa WIND LOAD (Q50) 0.31 kPa IMPORTANCE : NORMAL SPECTRAL ACCELERATION, Sa (0.2) 0.138 CATEGORY SOIL BEARING ON GRANULAR FILL OR NATIVE MATERIAL WITH 75kPa. SLS CAPACITY.

I .THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND DETAILS BEFORE

4. IN CASES OF DISCREPANCIES ON STRUCTURAL DRAWINGS, THE MORE STRINGENT

5. THESE DESIGNS HAVE BEEN PREPARED IN ACCORDANCE WITH GENERALLY ACCEPTED

STRUCTURAL ENGINEERING PRACTICES AND TO THE REQUIREMENTS OF ALL APPLICABLE CODES.

6. ALL WORK TO CONFORM TO THE BC BUILDING CODE (2018) PART 9 UNLESS NOTED OTHERWISE.

LOADS

VALUES

2.THE CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE CORRECTION OF

GENERAL NOTES

DESIGN DATA

COMMENCING WITH THE WORK.

REQUIREMENTS SHALL GOVERN.

DEFICIENCIES AS DETERMINED BY THE ENGINEER.

3. ALL DIMENSIONS TAKE PRECEDENCE OVER SCALE SHOWN.

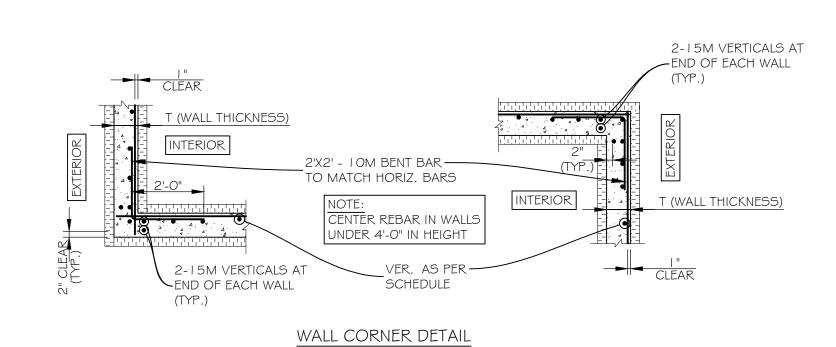
NO OTHER WARRANTY IS MADE, EITHER EXPRESSED OR IMPLIED.

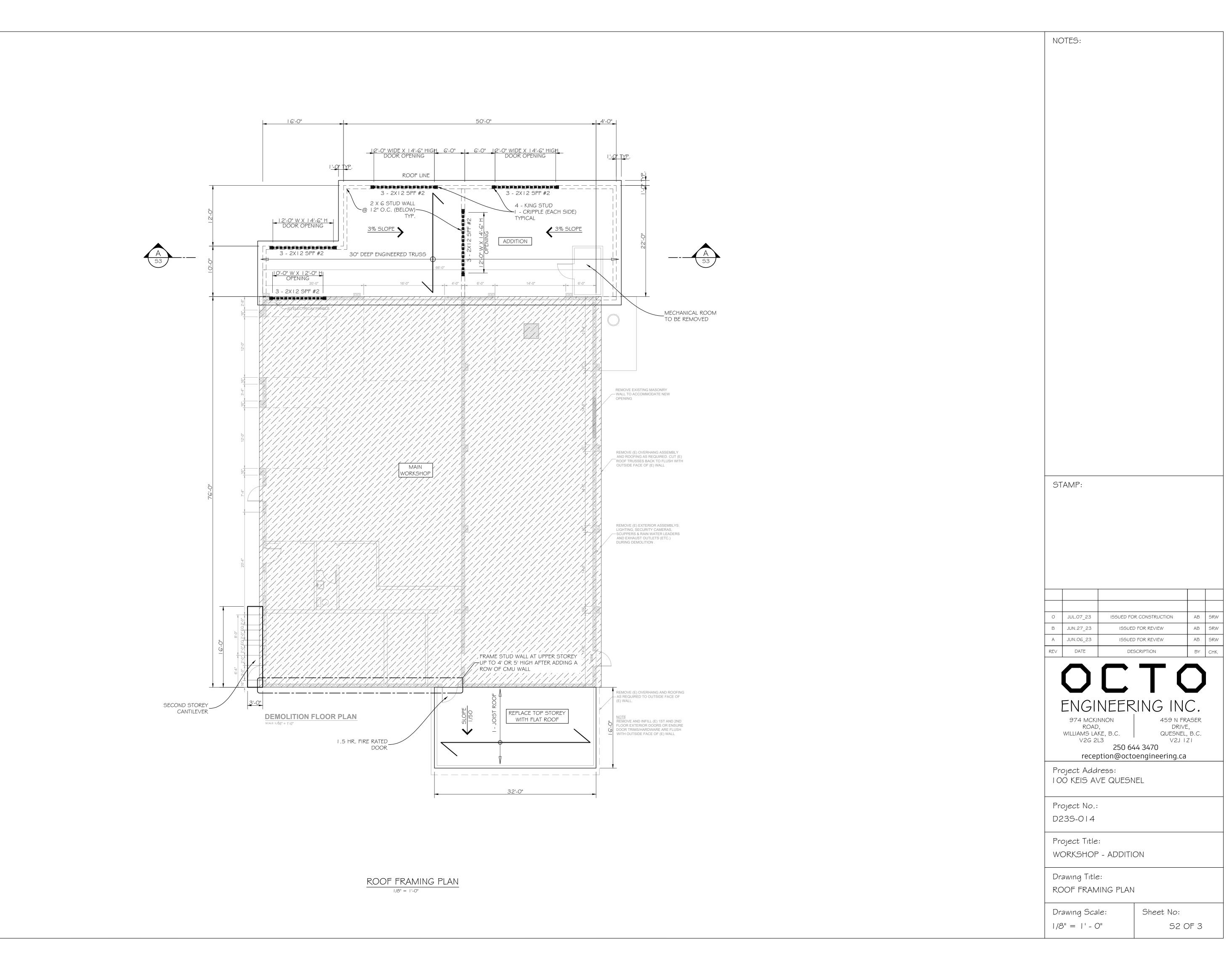
5/8" A.BOLTS @ 32" O.C.,
12" FROM CORNERS,
MIN. 4" EMBED.

10M @ 16" O.C.
HORZ.

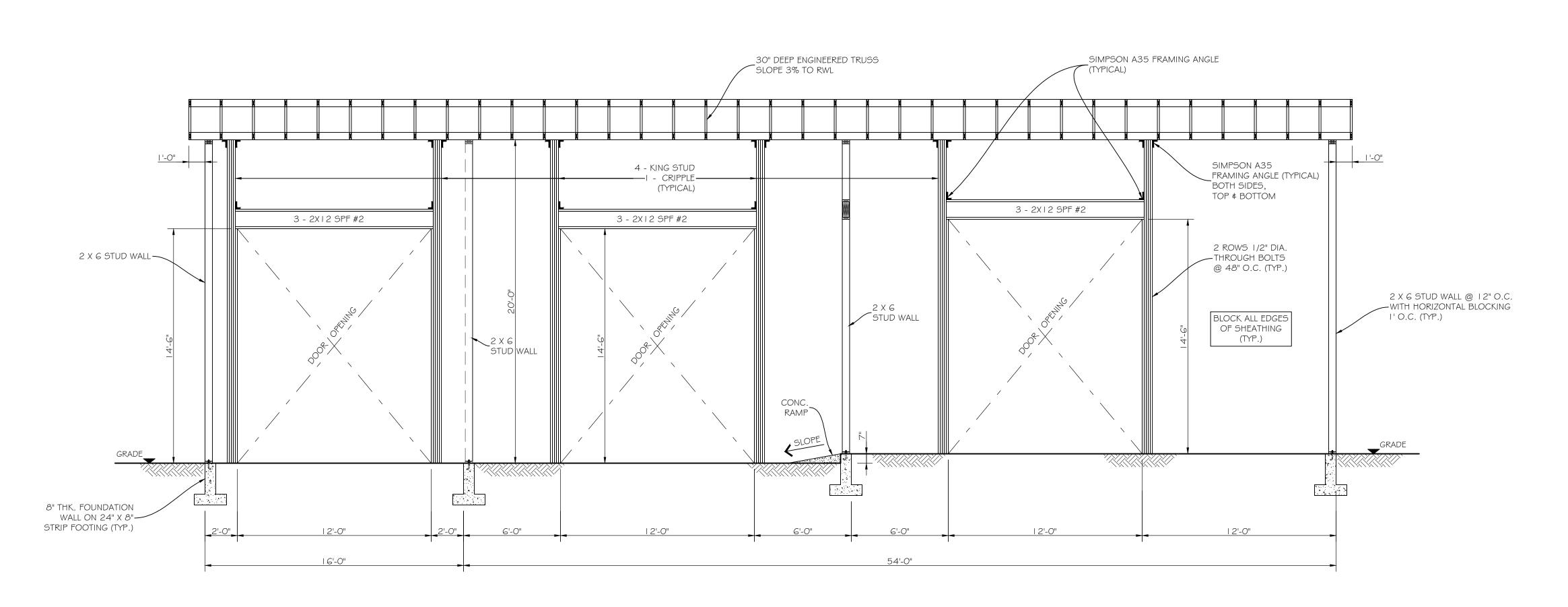
10M @ 16" O.C. VERT.
WITH 10M X 2'-0" DOWELS

TYP. FROST WALL DETAIL





3S-014 WORKSHOP-ADDITION_RO.dwg



SECTION A-A - TALL WALL

PLYWOOD SHEATHING (ROOF, FLOOR, WALLS) STRUCTURAL OR APPROVED E			
	GRADE	THICKNESS	
ROOF	D.FIR	1/2" + H CLIPS	
FLOOR	D.FIR	5/8" T#G	
WALLS	OSB	3/8"	

-				
EQUIVALENT PANEL MARKS FOR CSA 0325 CONSTRUCTION SHEATHING				
MINIMUM NOMINAL THICKNESS (MM)	MINIMUM PANEL MARK			
9.5	2R24			
12.5	2R32/2F16 OR 1F16			
15.5	2R40/2F20			

* PROVIDE A MINIMUM GAP OF 2MM BETWEEN PANELS TO ACCOMMODATE SWELLING

MINIMUM NAILING OF PLYWOOD SHEATHING ON WALLS, ROOFS, FLOORS UNO				
	Q(50) < 0.8 Kpa AND SA (0.2) < 0.9	Q(50) < 1.2 Kpa AND SA (0.2) < 1.8		
AT SHEET EDGES	2 1/2" NAILS @ 6" O.C.	2 1/2" NAILS @ 3" O.C.		
INTERMEDIATE SUPPORT MEMBERS	2 1/2" NAILS @ 12" O.C.	2 1/2" NAILS @ 12" O.C.		

* (STAPLES ARE NOT PERMITTED)

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Project Address: 100 KEIS AVE QUESNEL

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Sheet No: S3 OF 3

AB_D23S-014 WORKSHOP-ADDITION_R0.dwg