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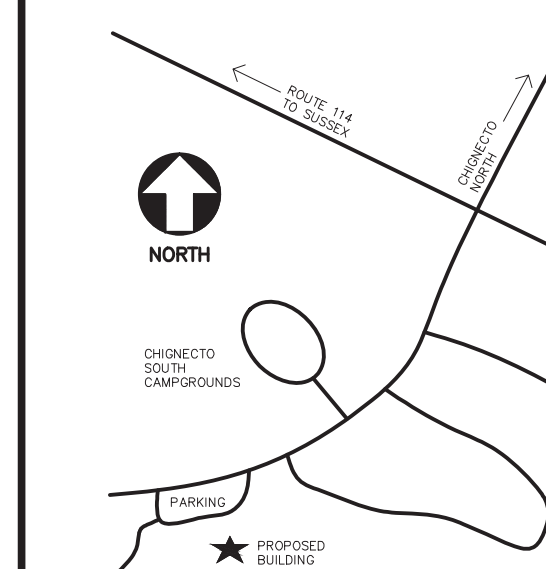
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CHIGNECTO SOUTH KEY PLAN
FUNDY NATIONAL PARK
NOT TO SCALE



| | | |
|-----------|-----------------------|-------------|
| C | ISSUED FOR TENDER | MAR 28 2017 |
| B | ISSUED FOR 99% REVIEW | FEB 6 2017 |
| A | ISSUED FOR 66% REVIEW | DEC 21 2016 |
| revisions | | date |

project
**CHIGNECTO SOUTH
MULTI PURPOSE BUILDING
FUNDY NATIONAL PARK
ALMA, NB
ALBERT COUNTY, NB**

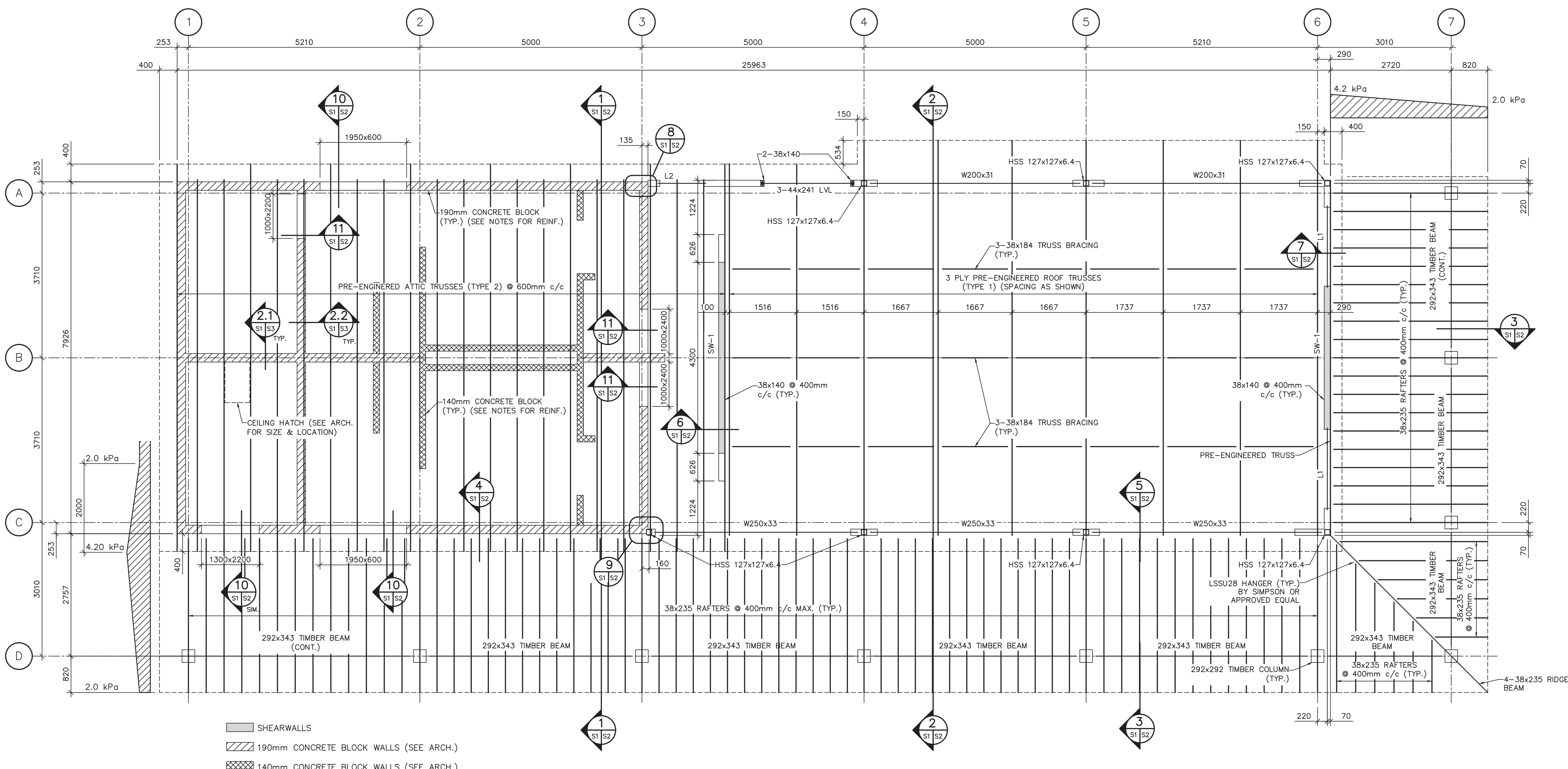
drawing
ROOF FRAMING PLAN

designed J. LEBLANC
date FEB 06 2017
drawn S. ARSENEAULT
date FEB 06 2017
approved
date
Tender
PWSC Project Manager
project number
R.075816.001

conçu
dessiné
approuvé
date
Soumission
Administrateur de projets TPSGC
no. du projet

drawing no.
S1 OF 3

E-DRM/GDD-E: 548131 Version 1



SHEARWALLS
190mm CONCRETE BLOCK WALLS (SEE ARCH.)
140mm CONCRETE BLOCK WALLS (SEE ARCH.)

NOTES:

- EXTERIOR WALLS TO BE 38x140 SPF No.1/2 @ 400mm c/c (U.N.O.)
- PROVIDE SOLID BLOCKING BETWEEN EACH WALL STUD @ MID-HEIGHT.
- SEE SHEARWALL TABLE FOR MIN. SHEATHING REQUIREMENTS.
- ALL CONCRETE BLOCK WALLS TO BE GROUTED @ 800mm c/c c/w 1-15M @ GROUTED CELLS (DUR-O-WALL EXTRA HEAVY @ EVERY OTHER COURSE).
- ALL OPENING LOCATIONS AND SIZES TO BE CONFIRMED WITH ARCHITECTURAL DRAWINGS.
- EQUIVALENT NAIL SIZES SHALL BE USED WHEN SUBSTITUTING BETWEEN COMMON WIRE NAILS AND AIR NAILS. 3/4" AIR NAIL CAN BE USED INSTEAD OF 2 1/2" CWN. 3/2" AIR NAIL CAN BE USED INSTEAD OF 3" CWN.
- ROOF DECKING TO BE 38x140 T&G (SPF) COMMERCIAL GRADE OR BETTER (U.N.O.)
- ALL LVL (LAMINATED VENEER LUMBER) BEAMS SHALL BE VERSALAM VL2800, 2.0E OR APPROVED EQUAL.
- ALL ROOF RAFTERS TO BE 38x235 SPF NO.1/2 OR BETTER.
- ALL STRUCTURAL TIMBER BEAMS AND COLUMNS TO BE ROUGH SAWN WESTERN DOUGLAS FIR.

| SHEARWALL TABLE | | SW-- | | | | |
|-----------------|--------------------------|-----------|-------|-------|--------------|---------|
| | | FASTENERS | PANEL | | CHORD (MIN.) | HOLDOWN |
| DESIGNATION | SHEATHING OSB OR PLYWOOD | | EDGE | INTER | | |
| SW-1 | 12.7mm ONE FACE | 64mm CWN | 150mm | 300mm | 3-2x6 | HD5B |

SEE SHEARWALL DETAIL
4
S1 S2

| LINTEL TABLE | | | |
|--------------|----------|----------|----------|
| DESIGNATION | LINTEL | JACKS | KINGS |
| L1 | 2-38x235 | 1-38x140 | 1-38x140 |
| L2 | 3-38x235 | 2-38x140 | 1-38x140 |

STRUCTURAL DESIGN CRITERIA
LOADS ON ROOF (@ 3 PLY ROOF TRUSSES):
DL = 0.75 kPa
SL = 2.0 kPa (U.N.O.)
SEE SNOW ACCUMULATION DIAGRAM ON ROOF FRAMING PLAN
LOADS ON ROOF (@ ATTIC TRUSSES):
TOP CHORD DL = 0.57 kPa
BOTTOM CHORD DL = 0.35 kPa
SL = 2.0 kPa (U.N.O.)
SEE SNOW ACCUMULATION DIAGRAM ON ROOF FRAMING PLAN
LOADS ON ROOF (@ RAFTERS):
DL = 0.46 kPa
SL = 2.0 kPa (U.N.O.)
SEE SNOW ACCUMULATION DIAGRAM ON ROOF FRAMING PLAN

1
S1 S1
ROOF FRAMING PLAN

SCALE: 1:50
0m 1m 2m 3m 4m 5m