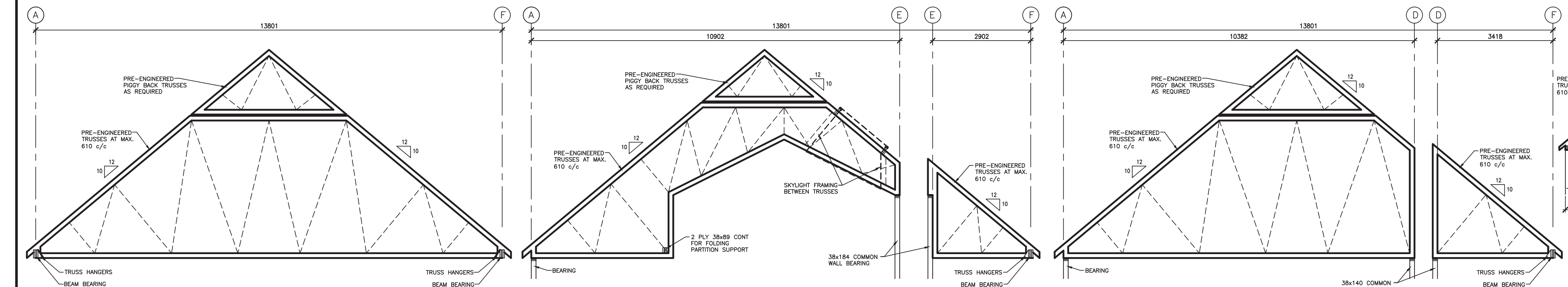


ROOF FRAMING PLAN

SCALE: 1:50



TRUSS TYPE 'A'

TRUSS TYPE 'B'

TRUSS TYPE 'C'

TRUSS TYPE 'D'

TRUSS TYPE 'E'

TRUSS SCHEMATICS

SCALE : N.T.S.

WOOD ROOF FRAMING NOTES:

- WOOD TRUSSES IN ACCORDANCE WITH CAN/CSA 086.1-94-LIMIT STATES DESIGN AND PART 4, NATIONAL BUILDING CODE - 2010, COMMERCIAL TRUSSES W/ UNBALANCED LOADING CONDITIONS CHECKED.
- COORDINATE SLOPES, SIZES, RAISED HEELS, OVERHANGS, ETC. OF WOOD TRUSSES WITH ARCHITECTURAL DRAWINGS. STRUCTURAL TRUSS SCHEMATICS ARE SHOWN TO HELP DESIGNATE LOAD BEARING WALLS AND GENERAL TRUSS ORIENTATION AND SUPPORT. NOT ALL TRUSS TYPES ARE SHOWN. TRUSS FABRICATOR TO ENSURE THAT ALL TRUSS SHAPES MEET ARCHITECTURAL, STRUCTURAL AND MECHANICAL REQUIREMENTS.
- SHOP DRAWINGS SHOWING LAYOUT, LOADINGS, MEMBER SIZES AND SPACING, DEFLECTIONS, ETC. ARE REQUIRED FOR ALL OPEN WEB WOOD TRUSSES, STRUCTURAL COMPOSITE LUMBER, AND PREFABRICATED WOOD, AND STRUCTURAL COMPOSITE LUMBER FOR REVIEW OF THE ENGINEER PRIOR TO FABRICATION OR DELIVERY TO CONTRACTOR.
- WOOD TRUSS SHOP DRAWINGS TO INCLUDE ANY SPECIALTY DETAIL REQUIRED TO ENSURE ADEQUATE BEARING. TRUSS HANGERS ARE ALSO REQUIRED.
- SAWN LUMBER TO BE SPF No. 1/2 S-DRY OR BETTER UNLESS NOTED OTHERWISE (UNO).
- TRUSSES TO BE SECURED TO TOP PLATES WITH HURRICANE ANCHORS W/ CAPACITY TO MEET UPLIFT LOADINGS AS PER SHOW DRAWINGS.
- PLYWOOD SHEATHING TO BE INSTALLED WITH JOINTS STAGGERED AND ENDS BUTTED OVER FRAMING. UNLESS NOTED OTHERWISE NAIL WITH 64mm COMMONS AT 150mm c/c ALONG PANEL EDGES AND AT 300mm c/c ALONG INTERMEDIATE SUPPORTS.
- MAXIMUM DEFLECTION FOR PREFABRICATED TRUSSES IS L/360 FOR LIVE LOAD.
- FRAMING SHOWN IS FOR CONCEPT ONLY AND CAN BE MODIFIED AS REQUIRED IF APPROVED. SUBMIT FRAMING LAYOUT FOR REVIEW. LAYOUT TO UTILIZE BEARING WALLS AVAILABLE AND PROVIDE ARCHITECTURAL AND MECHANICAL REQUIREMENTS.
- PLYWOOD SHEATHING TO BE SECURED TO BOTTOM PLATE AND DOUBLE TOP PLATE W/ 64mm COMMONS AT 150mm c/c.

LIVE LOAD: ROOF LOADING:  
TOP CHORD - 2.74 kPa MINIMUM  
AFTER REDUCTIONS  
BOTTOM CHORD - 0.5 kPa  
DEAD LOAD: TOP CHORD - 0.35 kPa  
BOTTOM CHORD - 0.4 kPa

LIVE LOAD DEFLECTION = L/360  
LOADS SHOWN ARE BALANCED LOADS  
- ALL TRUSSES TO BE DESIGNED FOR WORST CASE CONDITION WHICH MAY BE THE UNBALANCED LOAD CONDITION.

LINTEL SCHEDULE

(ALL SIZES SHOWN ARE MINIMUM)

- 2 PLY - 38x184 C/W 38mm BEARING EACH END (ie 1 JACK STUD).
- 2 PLY - 38x184 C/W 76mm BEARING EACH END (ie 2 JACK STUDS).
- 2 PLY - 38x235 C/W 76mm BEARING EACH END (ie 2 JACK STUDS).
- 2 PLY - 44x241 LVL C/W 76mm BEARING EACH END (ie 2 JACK STUDS).
- 2 PLY - 44x302 LVL C/W 76mm BEARING EACH END (ie 2 JACK STUDS).
- RIM JOIST PLUS 400 LVL C/W HANGERS FOR JOISTS (100mm BEARING FOR LVL) NO JOIST AT WINDOW LOCATION.

--- INDICATES LINTEL

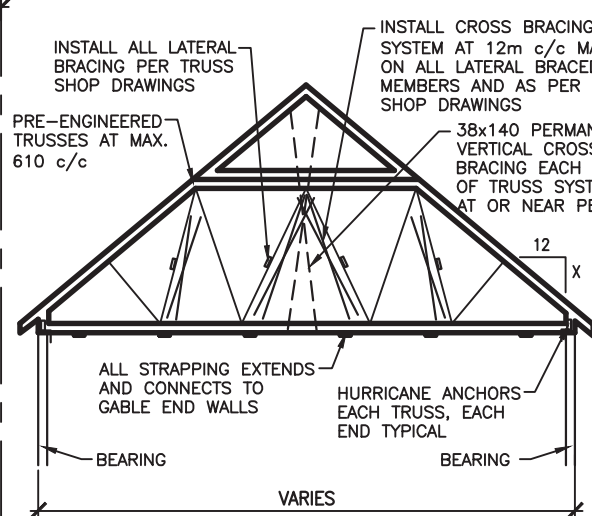
STRUCTURAL CABLE THIS LOCATION

ID	COLUMN SCHEDULE SIZE
C1	4 PLY 38x140 BUILT-UP COLUMN
C2	140x140 P.T. POST
C3	140x140 P.T. POST (ARCH ONLY)

BEAM SCHEDULE

(ALL SIZES SHOWN ARE MINIMUM)

- 2 PLY - 38x400 LVL TOP FLUSH MOUNTED.
- 3 PLY 44x241 LVL.



TRUSS BRACING (PER SHOP DRAWING)

SCALE : N.T.S.



For Structural Design Only

5	ISSUED FOR TENDER	05/08/2017
4	99% SUBMISSION	04/07/2017
3	99% SUBMISSION	01/17/2017
2	50% SUBMISSION	11/02/2016
1	DESIGN DEVELOPMENT	09/09/2016
revisions		date

project  
**WEST GATE ENTRANCE VISITOR RECEPTION CENTER WOLFE LAKE FUNDY, NB ALBERT COUNTY**

drawing  
**ROOF FRAMING PLAN SECTIONS AND DETAILS**

designed	Sheldon Tweel P.Eng.	conçu
date	MAY 8, 2017	
drawn	Brian J McLellan CET	dessiné
date	MAY 8, 2017	
approved	Sheldon Tweel P.Eng.	approuvé
date	MAY 8, 2017	
Tender		Soumission
PWOSC Project Manager	Administrateur de projets TPSC	
project number		no. du projet
	<b>R.075853.001</b>	
drawing no.		no. du dessin
	<b>S4</b>	