

- ## STEEL NOTES
1. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATING STEEL WORK.
 2. ALL STEEL TO BE $F_y = 350\text{MPa}$, PLATE AND ANGLE TO BE $F_y = 300\text{MPa}$ TO CAN G40.21-13. ERECTION TO CSA S16-24.
 3. ALL EXTERIOR STEEL SHALL BE HOT DIPPED GALVANIZED TO CAN/CSA - G16-M52. PROVIDE MINIMUM COATING OF 60G/M² TOUCH UP AS REQUIRED WITH ZINC RICH PAINT.
 4. INTERIOR STEEL TO BE SHOP PRIMED AND 2 COATS OF PAINT AND TOUCHED UP IN FIELD.
 5. BOLTS SHALL BE MINIMUM GRADE ASTM A325. ANCHORS TO BE MIN. GRADE A307.
 6. ALL BOLTS & ANCHORS SHALL BE HOT DIPPED GALVANIZED
 7. WELDING TO CAN W59-24 BY PERSONS & COMPANIES CERTIFIED BY CWB. USE E490XX ELECTRODES.
 8. ALL PRE MANUFACTURED ANCHORS, FASTENERS AND COMPONENTS SHALL BE INSTALLED AS PER MANUFACTURERS INSTALLATION GUIDE.
 9. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL DETAILS TO BE SUBMITTED FOR ENGINEERS REVIEW & APPROVAL.
 10. SHOP DRAWING FOR STEEL CONNECTIONS SHALL BE SEALED BY P.ENG LICENCE IN THE PROVINCE OF ONTARIO.
 11. EASTERN ENGINEERING GROUP DESIGN RESPONSIBILITIES ARE LIMITED TO THE FOLLOWING:
 1. NEW STRUCTURAL STEEL SUPPORTS & ROOF PENETRATIONS

DESIGN LOADS

ROOF
SNOW: $S_s = 2.3 \text{ kPa}$
 $S_R = 0.4 \text{ kPa}$
 $I_s = 1.15$

DL (STEEL FRAMED)= 1.4kPa
DL (HOLLOW CORE)= 3.8KPA

RTU:
275 Kg MAX PER CORNER

WIND:
 $q_{50} = 0.41 \text{ KPa}$
 $l_w = 1.15$

- PRIOR TO APPLICABLE LOAD FACTORS.

$$S_a(0.2) = 0.620$$

$$I_e = 1.3$$

SITE CLASS 'C' ASSUMED.

2	AD	2025-11-05	ISSUED FOR TENDER/PERMIT
1	AD	2025-10-03	90% REVIEW
0	AD	2025-09-24	FOR REVIEW
No.	By	Date	Revisions

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The contractor must check and verify all dimensions on the job prior to start of construction.

DRAWINGS ARE NOT TO BE SCALED



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Project Title:

**SHOALTS AND ZABACK
OXFORD ON RIDEAU PS
ROOF UNIT REPLACEMENT**

50 Water Street, Kemptville, ON

STRUCTURAL ROOF FRAMING PLANS

Design: BC	Checked: BC	Approved: BC	Project No: 12235
Drawn: AD	Checked: BC	Date: 2025-08-28	Contract No.: 12235-1
Scale:		Drawing No.:	
 Horizontal: AS SHOWN			
 Vertical: AS SHOWN			
		REV DATE: 11/5/2025	