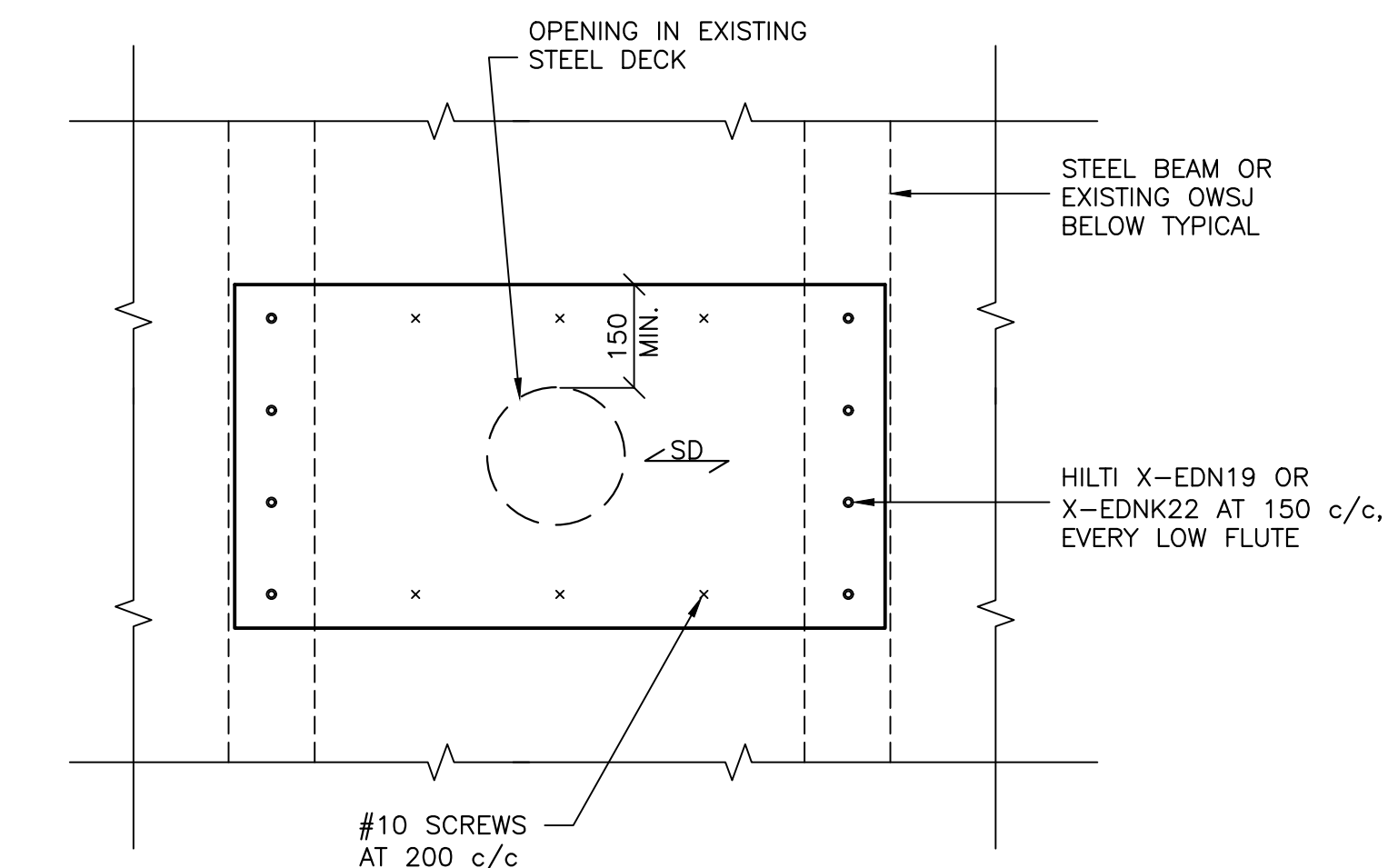


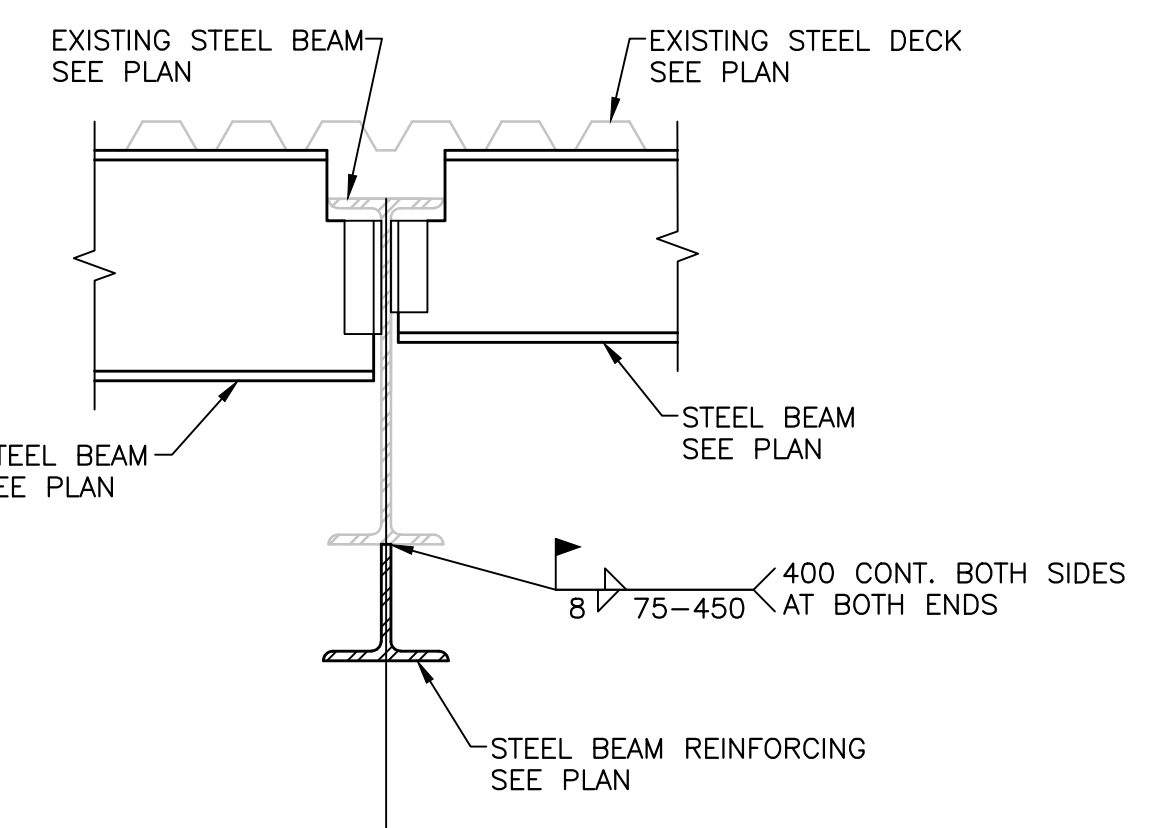
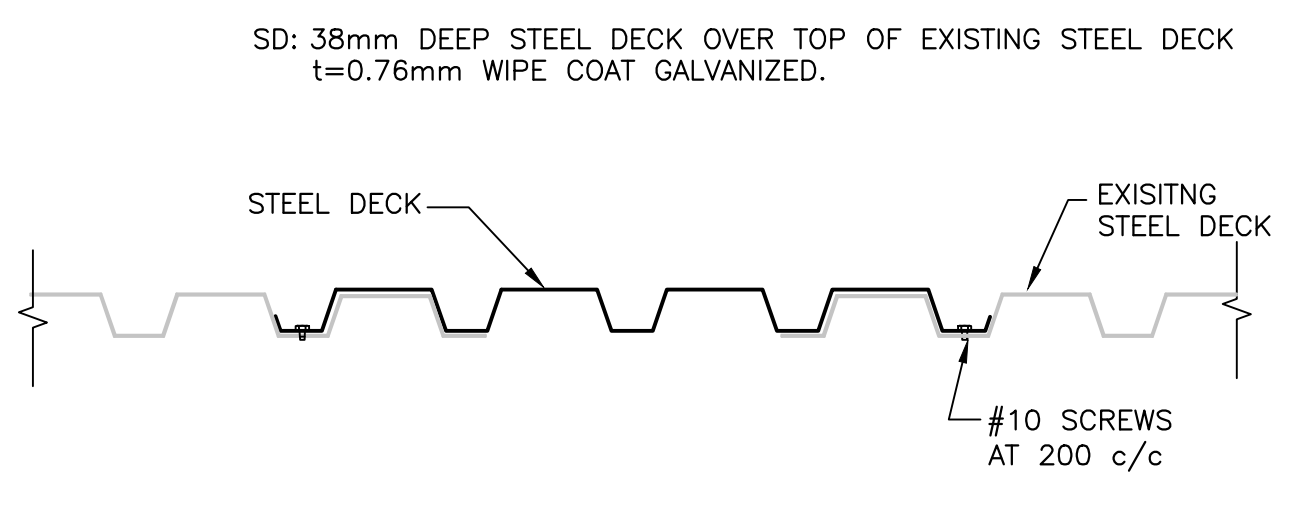
PENTHOUSE ROOF PLAN
SCALE: 1:50

XXXmm : DENOTES TOP OF STEEL ELEVATION BELOW TYPICAL TOP OF STEEL ELEVATION
ESD : EXISTING 38mm DEEP STEEL DECK
DESIGN LOADS : DEAD LOAD = 2.1 kPa
SNOW LOAD = 2.5 kPa + SNOW DRIFT SEE PLAN
EXHAUST FAN : 3690mm LONG x 1845mm WIDE x 5040mm HIGH WT=3650kg

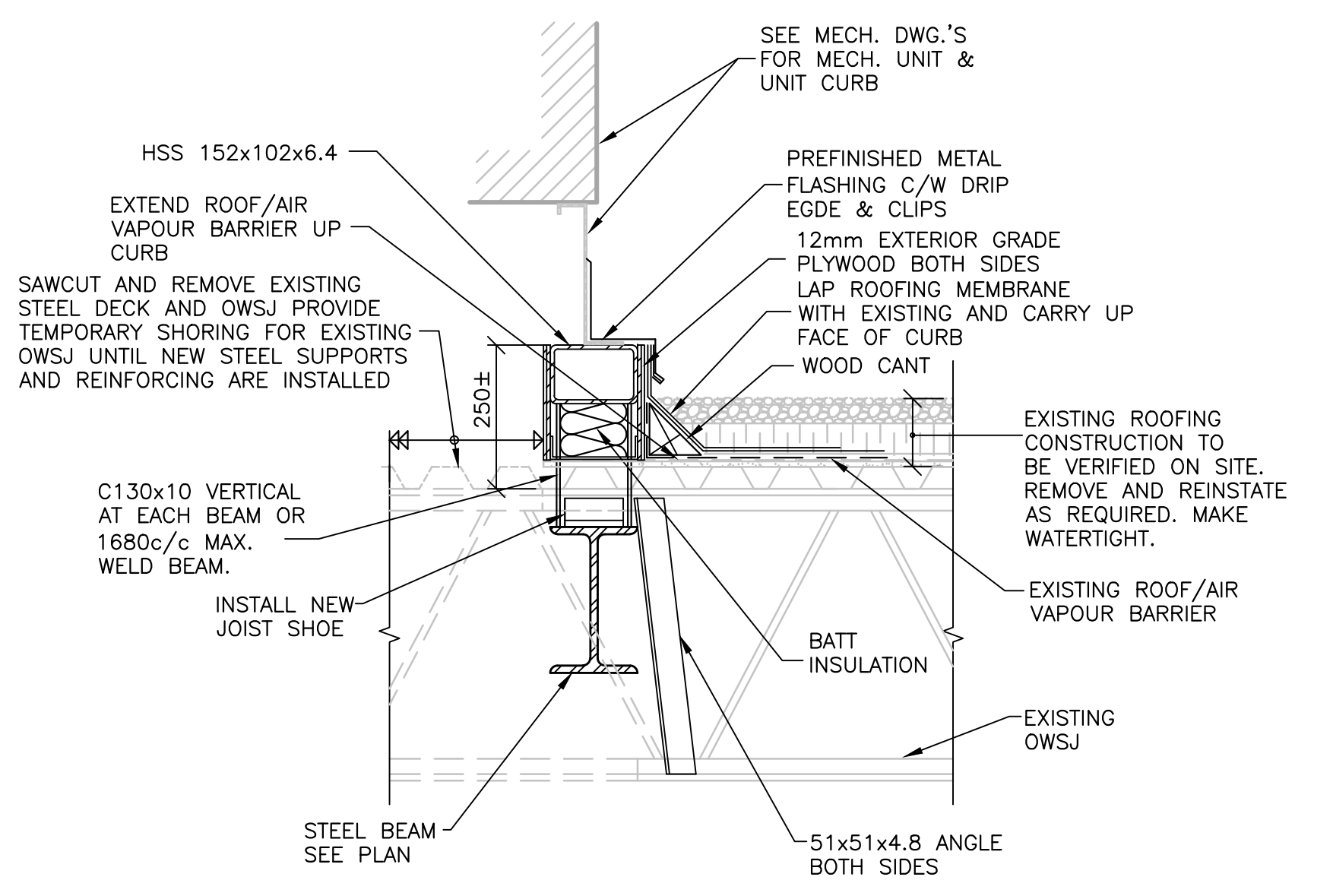
NOTE:
CONTRACTOR TO PROVIDE TEMPORARY SUPPORT FOR EXISTING PIPING, CONDUIT, DUCTWORK, ETC. TO REMAIN. CUT EXISTING SUPPORTS AND RESUPPORT WHEREVER EXISTING SUPPORTS INTERFERE WITH ROOF REINFORCING.



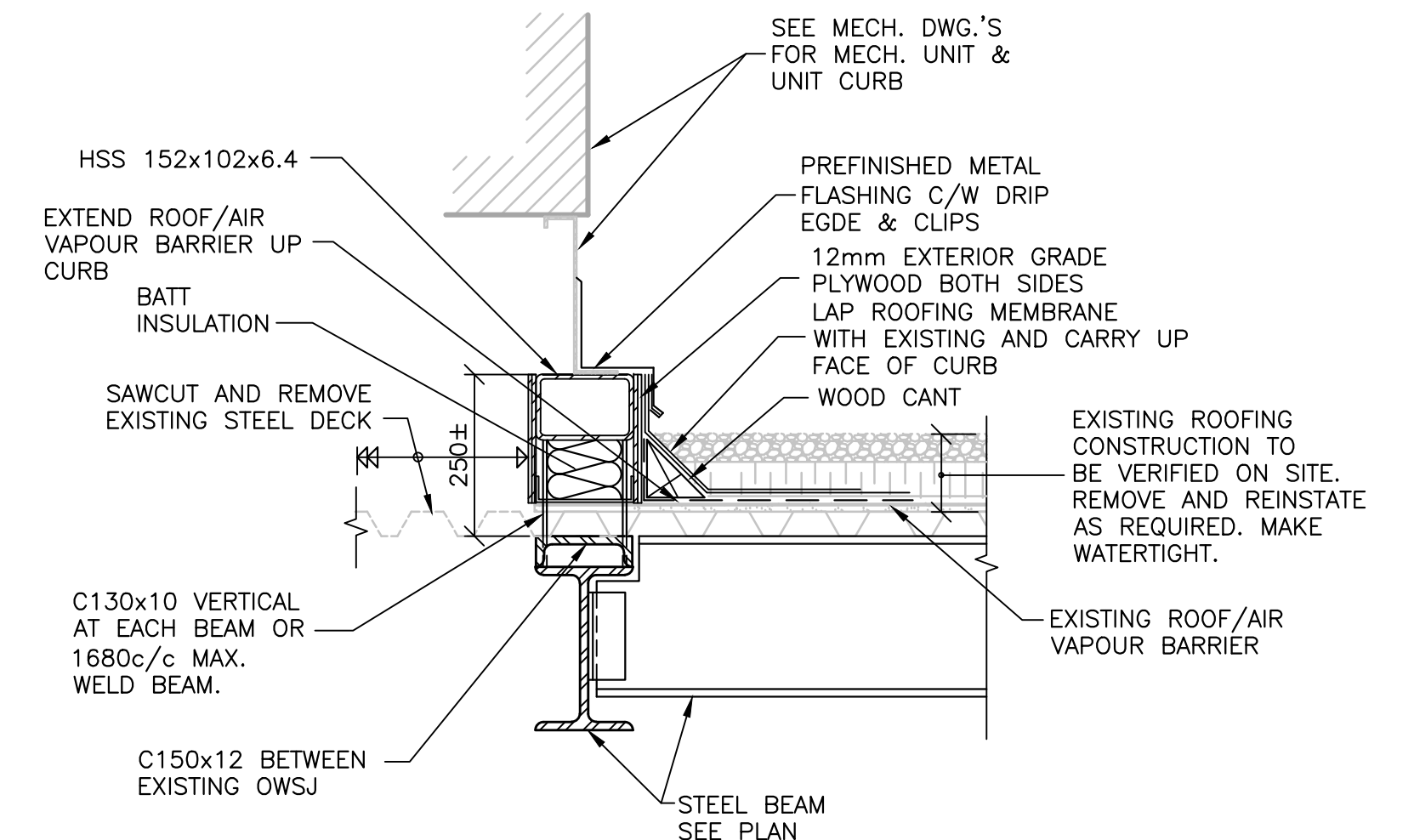
TYPICAL STEEL DECK INFILL AT EXISTING OPENING



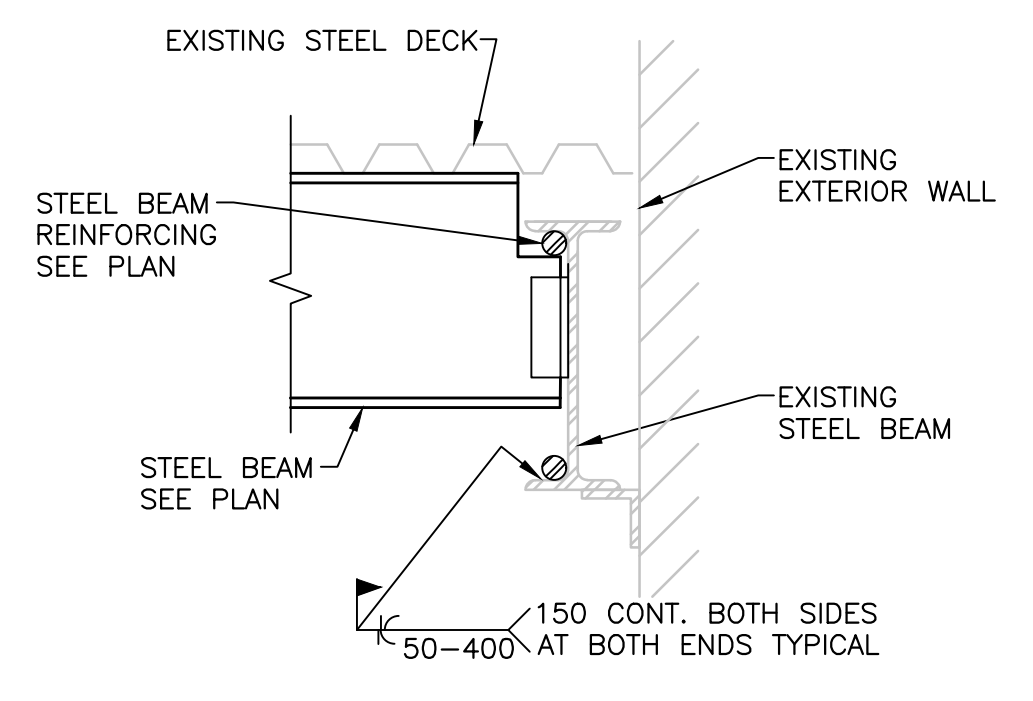
100 SECTION
SCALE: 1:10



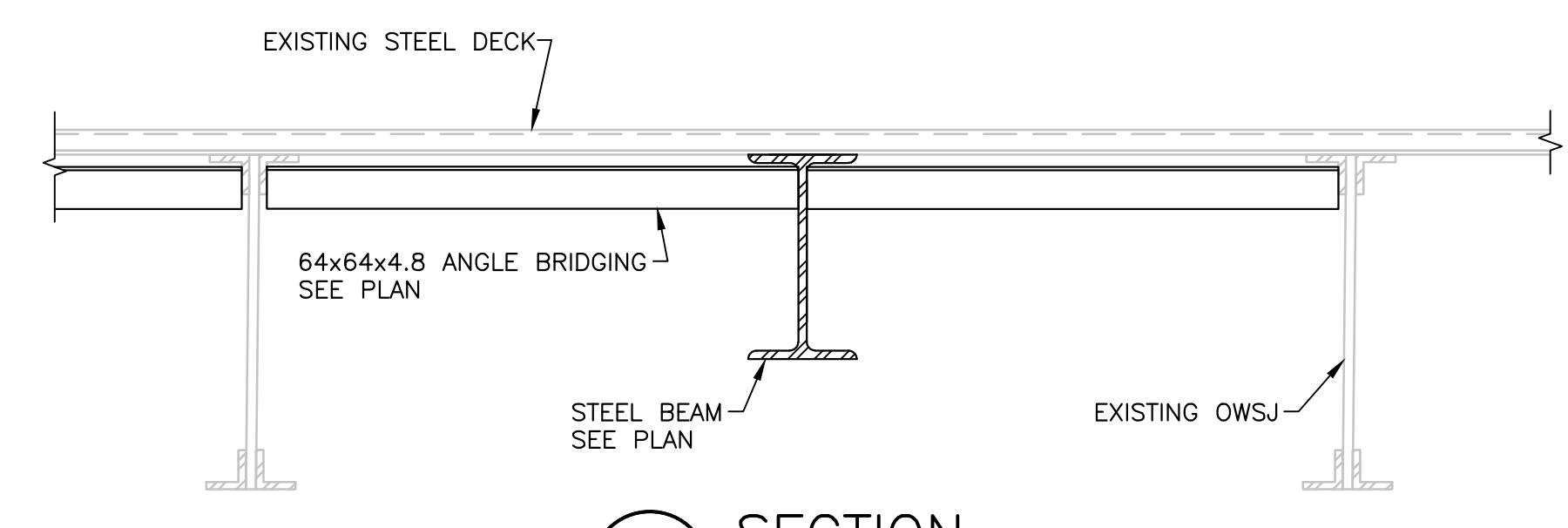
101 SECTION
SCALE: 1:10



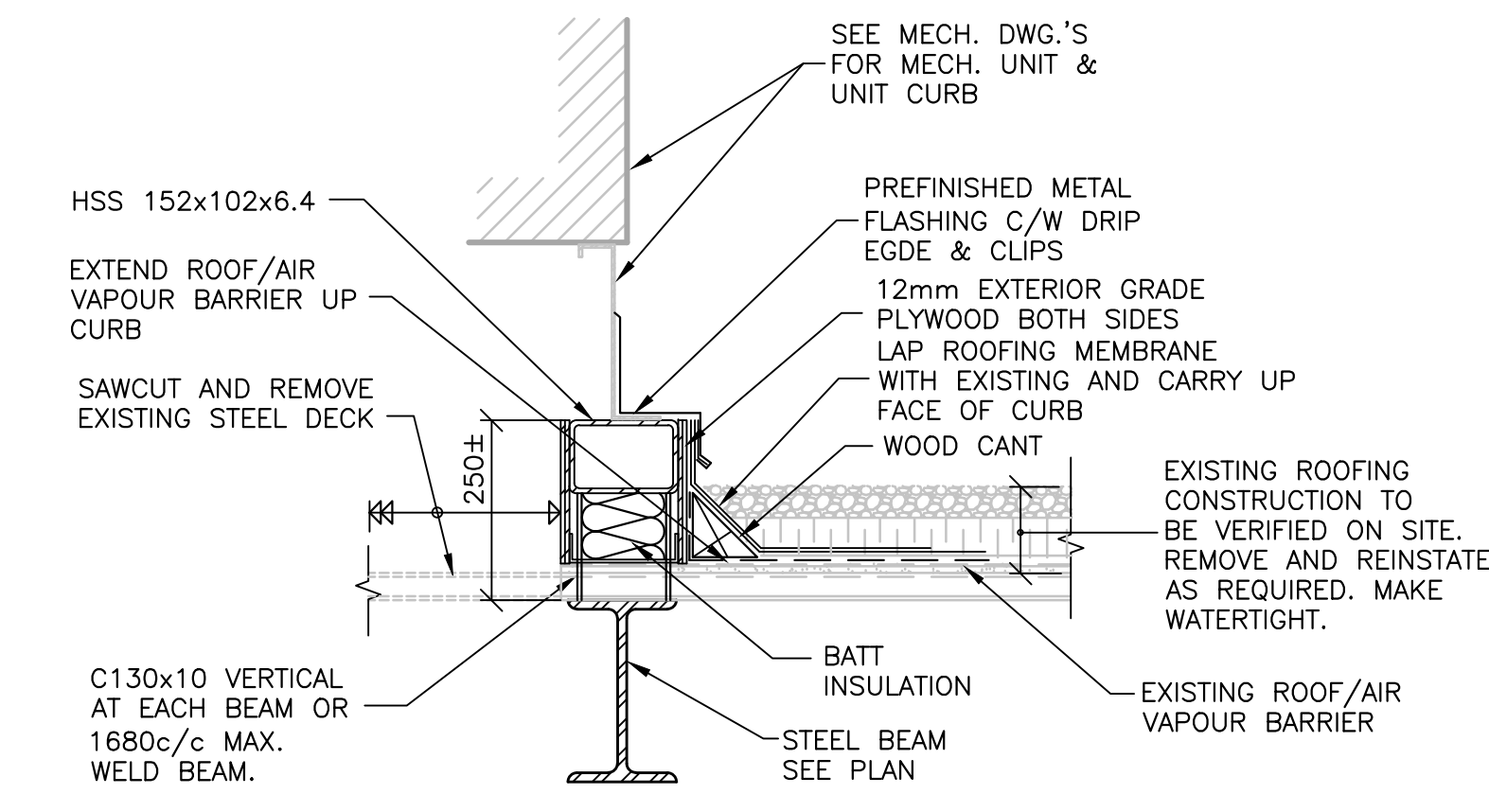
102 SECTION
SCALE: 1:10



103 SECTION
SCALE: 1:10



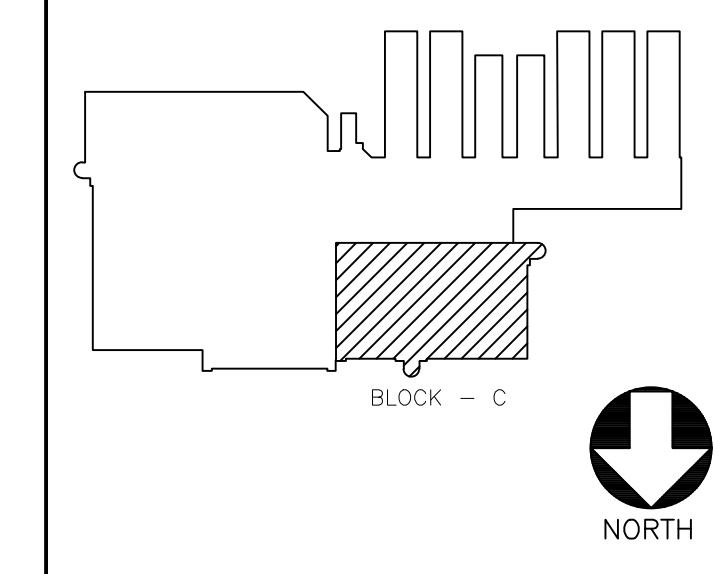
104 SECTION
SCALE: 1:10



105 SECTION
SCALE: 1:10

- GENERAL NOTES**
- ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS SET OUT IN THE 2010 NATIONAL BUILDING CODE OF CANADA.
 - ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE NOVA SCOTIA OCCUPATIONAL HEALTH & SAFETY ACT.
 - AUTOCAD DIGITAL FILES CAN BE REQUESTED FROM CAMPBELL COMEAU ENGINEERING LIMITED AND WILL BE PROVIDED AFTER OUR DATA USE AGREEMENT HAS BEEN COMPLETED. PLEASE NOTE A FEE OF \$230.00 WILL BE CHARGED FOR THIS SERVICE.
 - THE CONTRACTOR SHALL EXAMINE ALL DRAWINGS, CHECK ALL DIMENSIONS, AND REPORT ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.
 - ALL DESIGN LOADS NOTED ON DRAWINGS ARE WORKING LOADS.
 - ALL TRADES SHALL SUBMIT SHOP DRAWINGS STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN NOVA SCOTIA, PRIOR TO COMMENCEMENT OF FABRICATION.
 - CONTRACTOR TO CONFIRM EXISTING STRUCTURE RELATED DIMENSIONS IN THE FIELD BEFORE PROCEEDING WITH THE WORK.

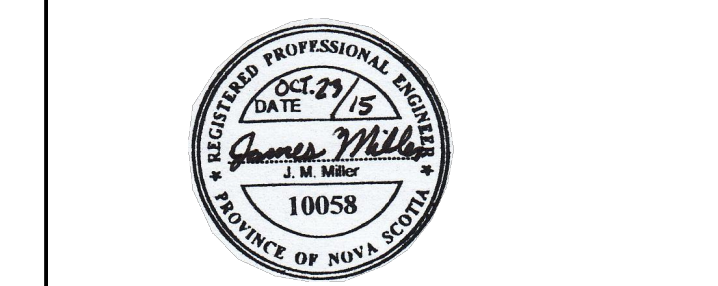
- STRUCTURAL STEEL NOTES**
- ALL STRUCTURAL STEEL SHALL BE NEW STOCK AND CONFORM TO THE FOLLOWING GRADES AND STANDARDS:
(a) CAN/CSA-G40.21-04 TYPE 300W
(b) HOLLOW STRUCTURAL SECTIONS: CAN/CSA-G40.21-04 TYPE 350W, CLASS 'C'
(c) STRUCTURAL W SHAPES: CAN/CSA-G40.21-04 TYPE 350W, INDICATED. (UNDERSIDE OF DECK)
2. ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH CAN/CSA-S16-09.
3. ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH CSA W59-03 BY A FABRICATOR FULLY APPROVED UNDER CSA W47.1-09, DIVISION NO. 1 OR NO. 2.
4. ALL BOLTS, NUTS AND WASHERS FOR STRUCTURAL STEEL CONNECTIONS SHALL CONFORM TO ASTM A325.
5. ALL ANCHOR BOLTS, NUTS AND WASHERS SHALL CONFORM TO ASTM A36 OR ASTM A307.
6. ELEVATIONS NOTED ON PLAN ARE TO TOP OF STEEL UNLESS OTHERWISE INDICATED. (UNDERSIDE OF DECK)
7. NO HOLES SHALL BE CUT IN STRUCTURAL STEEL WITHOUT THE PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.
8. SPICES IN STEEL MEMBERS OTHER THAN THOSE SHOWN ON THE DRAWINGS SHALL NOT BE PERMITTED.
9. CLEAN, PREPARE SURFACES AND SHOP PRIME STRUCTURAL STEEL IN ACCORDANCE WITH CAN/CSA-S16-09.
10. TOUCH UP SHOP PRIMER TO BOLTS, WELDS, AND BURNED AND SCRATCHED SURFACES AT COMPLETION OF ERECTION.
11. SHOP PAINT TO CISC/CPMA 1-73a EXCEPT AS NOTED IN SPECIFICATIONS. TOUCH UP SCRATCHES BOLTS AND WELDS AFTER ALL STEEL IS ERECTED.



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Website: www.mreng.ca

GENERAL NOTES :
DO NOT SCALE THIS DRAWING FOR CONSTRUCTION PURPOSES. USE FIGURED DIMENSIONS AS NOTED.
THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH SPECIFICATIONS AND GENERAL CONTRACTUAL CONDITIONS.
ALL DIMENSIONS AND CONDITIONS ARE TO BE VERIFIED ON SITE. ALL DISCREPANCIES ARE TO BE REPORTED TO THE DEPARTMENTAL REPRESENTATIVE AND AGREED UPON WITH THEM IN WRITING BEFORE PROCEEDING WITH WORKS.
INFORMATION ON THESE DRAWINGS IS TO BE USED FOR THIS PROJECT ONLY AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.

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1	ISSUED FOR TENDER	01.28.2015
revisions		date

project
AFC KENTVILLE RESEARCH CENTRE LABATORY BLOCK-C CONTROLS SYSTEM UPGRADE KENTVILLE, N.S.

drawing
PENTHOUSE ROOF PLAN SECTIONS AND NOTES

designed	MC	conqu
date	SEPTEMBER 2015	
drawn	STAFF	dessin
date	SEPTEMBER 2015	
approved		approuv
date		
Tender	Soumission	
PWGSC Project Manager	Administrateur de projets TPSC	
project number	no. du projet	
	R.074306.001	
drawing no.	no. du dessin	
	S100	