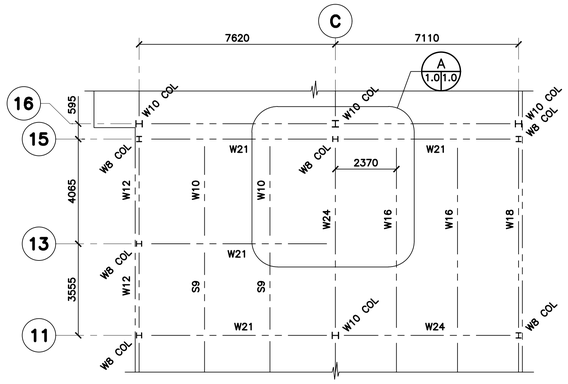
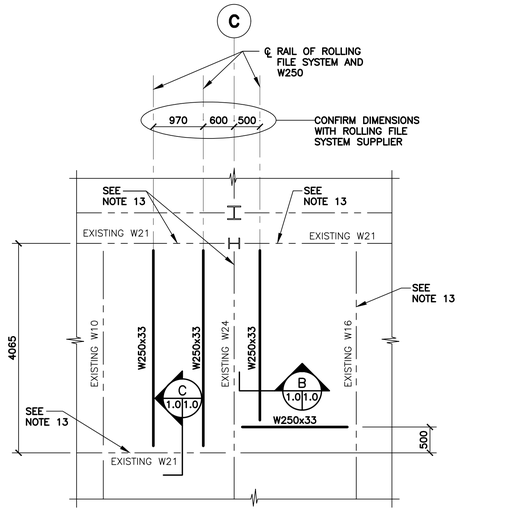


PARTIAL EXISTING FOURTH FLOOR PLAN

SCALE : 1:100

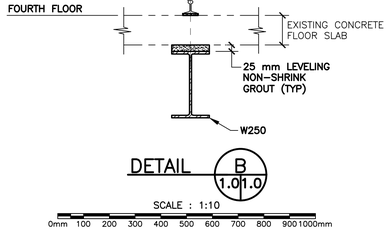
0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m



NEW STEEL PARTIAL FOURTH FLOOR PLAN A 1.0|1.0

SCALE: 1:50

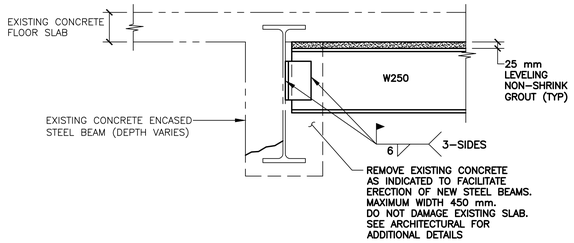
0m 1m 2m 3m 4m 5m



DETAIL B 1.0|1.0

SCALE : 1:10

0mm 100 200 300 400 500 600 700 800 900 1000mm



TYPICAL CONNECTION DETAIL C 1.0|1.0

SCALE : 1:10

0mm 100 200 300 400 500 600 700 800 900 1000mm

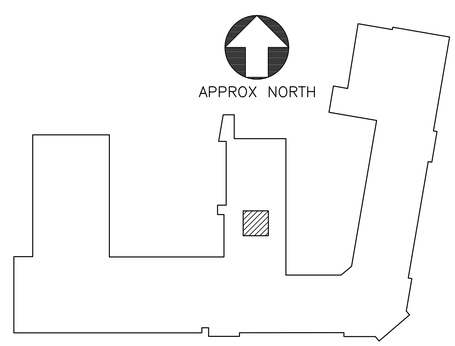
STRUCTURAL STEEL NOTES

1. DIVISION 00, TENDER REQUIREMENTS, THE PROJECT CONTRACT, RELATED DOCUMENTATION AND DIVISION 01, GENERAL REQUIREMENTS GOVERN THE WORK OF THIS DIVISION.
2. PRIOR TO FABRICATION, THIS CONTRACTOR SHALL COORDINATE WITH ALL OTHER CONTRACTORS TO CONFIRM ALL DIMENSIONS ASSURING MATERIAL IS CORRECTLY FABRICATED AS REQUIRED TO SUIT FINAL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE.
3. COMPANY CERTIFICATION TO MEET THE REQUIREMENTS OF THE NATIONAL BUILDING CODE OF CANADA. ALL WELDING ON THIS PROJECT TO BE DONE ONLY BY COMPANIES CERTIFIED TO DIVISION 1 OR 2.1 OF CSA W47.1. CERTIFICATION OF COMPANIES FOR FUSION WELDING OF STEEL STRUCTURES.
4. FABRICATION AND ERECTION – ALL STEEL WORK SHALL CONFORM TO THE REQUIREMENTS OF CSA S16, CSA S136 AND TO THE NATIONAL BUILDING CODE OF CANADA.
5. STRUCTURAL STEEL WORK SHALL CONFORM TO THE REQUIREMENTS OF CSA G40.20/G40.21 AND CSA S136.
6. MATERIAL PROPERTIES:

   STEEL PLATES & ANGLES CSA G40.21–300W
   ROLLED W SHAPES CSA G40.21–350W
7. SHOP DRAWINGS – SUBMIT SHOP DRAWINGS FOR REVIEW BY DEPARTMENTAL REPRESENTATIVE PRIOR TO FABRICATING STRUCTURAL STEEL. EACH DRAWING SUBMITTED SHALL BEAR THE SIGNATURE AND STAMP OF A QUALIFIED PROFESSIONAL ENGINEER REGISTERED OR LICENSED TO PRACTICE IN NEW BRUNSWICK. CLEARLY INDICATE SHOP AND ERECTION DETAILS INCLUDING CUTS, COPES, CONNECTIONS, HOLES, THREADED FASTENERS AND WELDS. INDICATE WELDS BY AWS WELDING SYMBOLS AS DEFINED IN CSA W59.
8. CONNECTIONS – ALL WELDED CONNECTIONS SHALL CONFORM TO CSA W59. ALL CONNECTION BOLTS SHALL BE HIGH STRENGTH AND CONFORM TO ASTM STANDARD A325 AND INCLUDE SUITABLE NUTS AND PLAIN HARDENED WASHERS. ALL WELDING TO CONFORM TO CSA W59 USING E49XX ELECTRODES. BOLTED CONNECTIONS TO BE BEARING TYPE. ONLY QUALIFIED WELDING MECHANICS CERTIFIED TO CSA W47.1 SHALL BE EMPLOYED TO PERFORM WELDING.
9. CONNECTION DESIGN – SIMPLE BEAM CONNECTIONS SHALL BE PROPORTIONED FOR A MINIMUM OF 50% OF THE TOTAL UNIFORMLY DISTRIBUTED LOAD FOR LATERALLY SUPPORTED BEAMS OF THE GIVEN SPAN AS PER CISC 350W BEAM AND COLUMN SELECTION TABLES, UNO.
10. SURFACE PREPARATION – EXPOSED EXISTING STEEL SHALL BE CLEANED WITH A WIRE BRUSH PRIOR TO CONNECTING NEW STEEL.
11. STANDARD PAINTING – ALL NEW STEEL WORK TO BE PREPARED AND SHOP PRIMED TO CISC/CPMA STANDARD 2–75, UNO.
12. LOADS DURING CONSTRUCTION – ALL STRUCTURAL MEMBERS SHALL BE PROTECTED AGAINST LOADS EXCEEDING THE DESIGN CAPACITY DURING CONSTRUCTION.
13. CONFIRM EXISTING W16, W21 AND W24 BEAM DIMENSIONS PRIOR TO PREPARATION OF SHOP DRAWINGS AND PROVIDE INFORMATION TO DEPARTMENTAL REPRESENTATIVE.
14. NON–SHRINK GROUT: PREMIXED COMPOUND CONSISTING OF NON–METALLIC AGGREGATE, CEMENT, WATER REDUCING AND PLASTICIZING AGENTS, OF FLUID CONSISTENCY, HAVING MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 50 MPa.

NOTE:

INFORMATION ON EXISTING STRUCTURE OBTAINED FROM DRAWINGS DATED 1930 AND 1950.



Public Works and Government Services Canada
Travaux Publics et Services gouvernementaux Canada

OPI & OPTIMIZED PLANNING & INTERIORS
PO Box 792, Fredericton
New Brunswick E3B 5B4
Ph: 506 459 8001
Fx: 506 459 5545
E-Mail: opiinc@opiinc.ca

EASTERN DESIGNERS & COMPANY LIMITED
Engineering Consultants
564 Prospect Street, PO Box 613
Fredericton, NB, Canada, E3B 5A6
T: (506) 452-8480
info@easterndesigners.com

REGISTERED PROFESSIONAL ENGINEER
Province of New Brunswick
#3699
R.S. Sheasgreen
Signature
2018-03-13
Date
Province du Nouveau Brunswick
INGÉNIEUR IMMATRICULÉ

revisions		date
0	ISSUED FOR TENDER	MAR 13 2018

project / projet

CANADIAN HERITAGE 4th FLOOR FIT–UP GOCB MONCTON 1045 MAIN STREET MONCTON, NB

drawing / dessin

PARTIAL PLANS, DETAILS & NOTES

designed / conçu	VMM
date	2018–02–09
drawn / dessiné	KCRL & PM
date	2018–02–09
approved / approuvé	RSS
date	2018–02–09
Tender	Soumission
PWGSC Project Manager	Administrateur de projets TPSGC
project number / no. du projet	R.083347.002
drawing no. / no. du dessin	S1.0

E–DRM/GDD–E: 552684

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PWGSC B1 (2004)

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