

1. **DO NOT SCALE DRAWINGS.**
2. The contractor is to verify dimensions, elevations, slopes, details, conditions and other data noted on the structural drawings with conditions on the site, co-ordinate all dimensions with the architectural drawings prior to construction or fabrication of any building component, and is held responsible for reporting any discrepancies that effect structural framing to the engineer before proceeding with the work. Variations and modifications to work shown on the structural drawings shall not be carried out without written permission from the engineer.
3. Modifications, alterations or substitutions must be authorized in writing by the Design Engineer.
4. The General Contractor shall locate all existing site services prior to construction.
5. All codes referenced in these notes shall be of the latest applicable revision.
6. Do not cut or drill any openings into structural members without obtaining written permission from the structural consultant.

DIM ————— **DIMENSION GRID TO GRID**

DIM ————— **DIMENSION POINT TO GRID**

DIM ————— **DIMENSION POINT TO POINT**

Detail Number

From **On**

Section or Detail #

Sheet where Section or Detail is shown

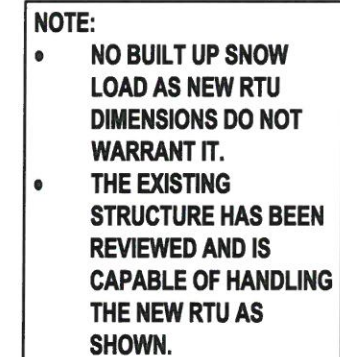
Sheet of origin

F.H. Indicates a Full Height Section

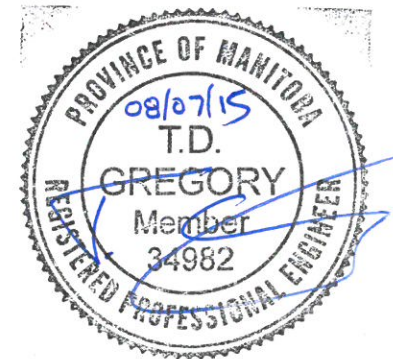
1. The building modifications have been designed in accordance with the 2011 edition of the Manitoba Building Code of Canada,

- Snow (Roof) $0.8(S_s) + (S_r) = 1.72 \text{ kPa (35.9 psf)}$
- Wind $q(1/50) - 0.45 \text{ kPa (9.4 psf)}$

1. Fabricate & erect structural steel to CSA Standard CAN/CSA-S16-09
2. Structural steel shapes and plates shall conform to CSA Standard CAN/CSA-G40.21, Grade 350W and CAN/CSA-G40.21, Grade 350W for H.S.S., Class C.
3. All welding shall be performed by qualified welders fully approved for structural welding by the Canadian Welding Bureau in accordance with CSA Specifications W47 and W59.
4. Unless shown otherwise on the Drawings, connect all flexural members (beams, channels, etc...) at each end for one half of the total uniformly distributed factored load of the laterally supported beam, in addition to the transfer of factored moments, where shown on the Drawings.
5. Splicing of members not permitted unless otherwise noted.
6. Pipe sections to ASTM A53, minimum yield point 241 MPa (35 ksi).
7. Bolts, nuts, and washers to ASTM A325, minimum bolt diameter 3/4" (20mm).
8. Anchor bolts to ASTM A307.
9. Welding of reinforcing bars to CSA W186-M1990.
10. Primer to conform to the requirements of CGSB or CISC/CPMA standards.
11. All bolted connections shall have a minimum of two bolts in each connected piece and be designed with bearing-type connections with threads included in shear plane, unless noted otherwise.
12. All steel shall receive a shop coat of primer except surfaces to be concreted, welded, light zinc coated or galvanized.
13. Clean all field welds after erection and touch up all unpainted surfaces with one coat of primer paint to match shop coat.
14. There shall be no cutting of the structural steel members for the work of other trades without prior written approval of the structural consultant.
15. All exposed steel to be galvanized.



**PROVIDE SOLID BLOCKING
IN DECK FLUTES AROUND
PERIMETER OF NEW UNIT.**



Certificate of Authorization

Lavergne Draward & Associates Inc.

No. 1912 Date: AUGUST 7, 2015

THE CONTRACTOR IS TO VERIFY DIMENSIONS AND DATA NOTED ON THE STRUCTURAL DRAWINGS WITH CONDITIONS ON THE SITE, CO-ORDINATE ALL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS, AND IS HELD RESPONSIBLE FOR REPORTING ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. VARIATIONS AND MODIFICATIONS TO WORK SHOWN ON THE STRUCTURAL DRAWINGS SHALL NOT BE CARRIED OUT WITHOUT WRITTEN PERMISSION FROM THE ENGINEER. THIS DRAWING IS NOT TO BE SCALED.



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Project

MARY BROWN'S
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RTU SUPPORT

Date **AUGUST 7, 2015**

Drawn by JW

Designed by TG

Project No.

15303

Sheet No.

S1.1