





















Certificate of Authorization Crosier Kilgour & Partners Ltd. No. 235 Date: <u>2016-09-19</u>



Consultant

THE CITY OF WINNIPEG PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT Winnipeg MUNICIPAL ACCOMMODATIONS DIVISION 3-65 GARRY STREET, R3C 4K4

CITY OF WINNIPEG BID OPP #822-2016 CITY OF WINNIPEG PROJECT #2016-053

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CONSULTING STRUCTURAL ENGINEERS

**CARLTON STREET** PROTECTED WALKWAYS PRECAST PANEL STABILIZATION

WINNIPEG, MANITOBA

ELEVATIONS, DEMOLITION SECTIONS AND NOTES

2016-0603 2016-09-19 Design JLP Sheet No.

S1.1 / 1/8" = 1'-0"



## GENERAL NOTES

- 1. STRUCTURAL DESIGN BASED ON THE MANITOBA BUILDING CODE OF CANADA 2011 EDITION.
- A) IMPORTANCE CATEGORY: NORMAL B) DEAD LOAD: 1,250 LBS. PER ANCHOR
- C) WIND LOAD: Q50 = 9.4 P.S.F.
- 2. SEISMIC SITE CLASSIFICATION: NOT APPLICABLE 3. DO NOT SCALE DRAWINGS.
- 4. ALL DIMENSIONS AND EXISTING CONDITIONS ARE TO BE VERIFIED ON SITE PRIOR TO
- CONSTRUCTION. 5. THESE STRUCTURAL DRAWINGS SHOW THE COMPLETED STRUCTURE AND DO NOT INDICATE ALL COMPONENTS NECESSARY FOR SAFETY DURING CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SAFETY ON AND AROUND THE JOBSITE DURING CONSTRUCTION.

## STRUCTURAL STEEL

- 1. STRUCTURAL STEEL TO CONFORM TO CSA-G40.21, "STRUCTURAL QUALITY STEELS" AND
- CSA-G40.20 "GENERAL REQUIREMENTS FOR ROLLED OR WELDED STRUCTURAL QUALITY STEEL". 2. ALL ROLLED OR STEEL STRUCTURAL SECTIONS SHALL BE G40.21-350W. ALL HOLLOW STRUCTURAL SECTIONS TO BE G40.21-350W CLASS C OR ASTM A500-C. ALL PLATES SHALL
- BE G40.21-300W. 3. ALL WELDING SHALL CONFORM TO THE LATEST EDITION OF CSA W59, "WELDED STEEL CONSTRUCTION". FABRICATORS SHALL BE PROPERLY CERTIFIED IN ACCORDANCE WITH CSA W47.1, "CERTIFICATION OF COMPANIES FOR FUSION WELDING OF STEEL STRUCTURES". ALL WELDS TO BE MINIMUM 3/16 INCH FILETS UNLESS OTHERWISE NOTED ON DRAWINGS.
- 4. STABILIZATION ANCHORS TO RECEIVE ONE COAT OF DIRECT-TO-METAL, POLYASPARTIC URETHANE COATING. STEEL TO BE CLEANED IN CONFORMANCE WITH SSPC-SP6/NACE 3.