









SCOPE OF REMEDIAL REPAIR WORKS

REPAIR TYPE	DESCRIPTION	MATERIAL (PER REPAIR LOCATION)
1	REPLACE WEST PORTAL BRACING ANGLE AND LATTICE BARS WITH NEW EQUIVALENT ANGLE AND LATTICE BARS	1 - L76x76x7.9 57x7.9 LATTICE BARS - 432 LG.
2	REPLACE DAMAGED SWAY BRACING (SB1) ANGLES WITH NEW EQUIVALENT ANGLES	2 - L127x76x7.9
3	REPLACE DAMAGED SWAY BRACING (SB2) ANGLES AND RIVETS WITH NEW EQUIVALENT ANGLES AND BOLTS	2 - L127x76x7.9 19Ø BOLTS

NOTES:

1. DO NOT SCALE DRAWINGS, TAKE FIELD MEASUREMENTS AS IS NECESSARY.

- 2. THE DRAWINGS SHOW THE COMPLETED STRUCTURE AND DO NOT SHOW ALL THE TEMPORARY MEASURES REQUIRED DURING THE REPAIRS.
- 3. REPORT ANY UNSOUND CONDITIONS TO THE ENGINEER IMMEDIATELY.
- 4. ALL EXISTING AND DAMAGED GALVANIZED OR METALLIZED STRUCTURAL STEEL SURFACES SHALL BE TOUCHED UP AS SPECIFIED.
- 5. CONTRACTOR SHALL FIELD MEASURE COMPONENTS PRIOR TO FABRICATION OF REPAIR MATERIALS TO ENSURE A PROPER FIT.
- BOLT HOLES IN REPLACEMENT COMPONENTS MAY BE FIELD DRILLED TO A
 MAXIMUM OF 2mm LARGER THAN THE NOMINAL BOLT DIAMETER.

WEST PORTAL SWAY BRACING - SB1 SWAY BRACING - SB2

METRIC

LOCATION APPROVED DESIGNED BY: D.E.M UNDERGROUND STRUCTURES DRAWN BY: J.G.W. SUPR. U/G STRUCTURES CHECKED BY: B.A.N. APPROVED BY: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT ALL EXISTING OTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION. 0 ISSUED FOR TENDER 724-2012





CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT Winnipeg Engineering Division

REDWOOD BRIDGE 2012 STRUCTURAL STEEL REPAIRS

SHEET 2 OF 3HORIZONTAL: N.T.S. VERTICAL: N.T.S.

GENERAL ARRANGEMENT

CITY DRAWING NUMBER: B113-12-02