

GENERAL NOTES:

1. THE CONTRACTOR SHALL SUBMIT A DRAWING TO THE CONTRACT ADMINISTRATOR FOR REVIEW SHOWING THE PROPOSED SHIMMING ARRANGEMENT, METHOD OF JACKING THE EXISTING JACKING BEAM AND HOLDING IT IN PLACE TO REFURBISH THE EXISTING BEARINGS. THE DRAWING SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN MANITOBA. THE DRAWING SHALL BE SUBMITTED AT LEAST THREE WORKING DAYS PRIOR TO PROPOSED JACKING OPERATIONS.
2. THE CONTRACTOR SHALL GIVE THE CONTRACT ADMINISTRATOR AT LEAST 48 HOURS ADVANCE NOTICE PRIOR TO COMMENCING JACKING OPERATIONS.

DESIGN DATA:

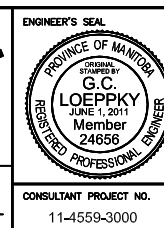
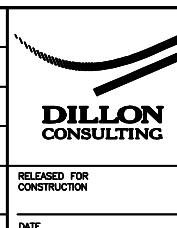
1. CONCRETE STRENGTH: CSA A23.1 CLASS C-1; $f'_c = 35 \text{ MPa}$.
2. GROUT SHALL BE NON-SHRINK CEMENTITIOUS GROUT AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 40 MPa AT 28 DAYS.
3. ALL REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF CSA STANDARD G30.18, GRADE 400W, BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT. ALL REINFORCING STEEL TO BE HOT-DIP GALVANIZED.



**DRAWING REDUCED
NOT TO SCALE**

NO.	REVISIONS	DATE	BY	DATE	BY
1	ISSUED FOR TENDER	6/1/11	JGW		
0	ISSUED FOR REVIEW	5/11/11	JGW		

DESIGNED BY	GCL
DRAWN BY	JGW
CHECKED BY	SSR
APPROVED BY	-
HOR. SCALE	AS NOTED
VERTICAL SCALE	AS NOTED
DATE	MAY 2011



**THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT**

2011 BRIDGE MAINTENANCE PROGRAM
LOUISE BRIDGE PIER 5 - BEARING REFURBISHMENT

PLAN AND ELEVATIONS

CITY DRAWING NUMBER	B107-11-01
SHEET	1 OF 3
BID OPPORTUNITY	461-2011