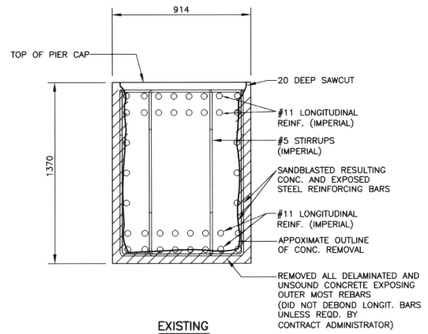

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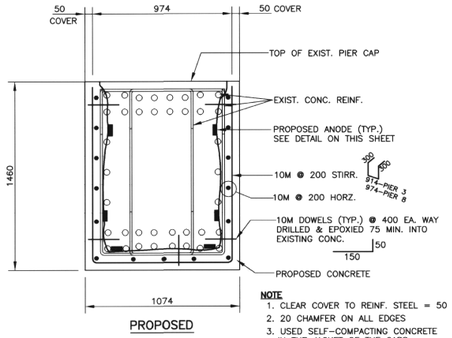
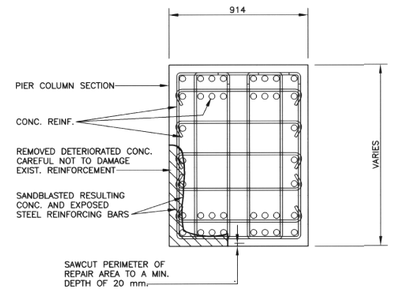


PROPOSED

NOTE
1. CLEAR COVER TO REINF. STEEL = 50
2. 20 CHAMFER ON ALL EDGES
3. USED SELF–COMPACTING CONCRETE IN THE JACKET OF THE CAPS (10mm AGGREGATE).

DETAIL A
1: 15

(PIER CAP REMEDIAL WORK DETAIL)



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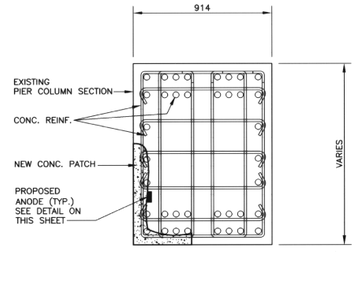
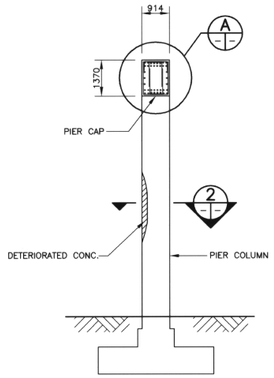


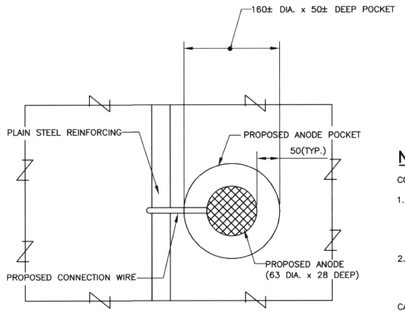
PROPOSED

SECTION 2
1: 15

(PIER COLUMN REMEDIAL WORK DETAIL)



SECTION 1
1: 75



ANODE TO REBAR CONNECTION DETAIL
1: 5

NOTES:

COLUMNS:

1. PLACED ANODE IN LOW RESISTIVITY MORTAR/GROUT
   - COVERED ALL SURFACES OF ANODE WITH GROUT. (CONTRACTOR USED SIKA–GROUT 212).
   - SURFACE OF ANODE TO FLUSHED WITH SURFACE OF LONGITUDINAL REINFORCING.
2. PIER 8 COLUMNS COMPLETELY COATED WITH "SIL–FLEX" TO COVER HAIRLINE CRACKS IN THE "EMACO S66" PATCH MATERIAL AND TO COSMETICALLY MAKE THE ENTIRE COLUMNS UNIFORM. THE CITY PLANS TO DO THE SAME ON PIER 3 THEMSELVES.

CAPS:

1. CONTRACTOR USED A NATURALLY LOW RESISTIVITY SELF COMPACTING CONCRETE SUPPLIED BY BUILDING PRODUCTS TO "JACKET" THE PIER CAP. THEREFORE, NO SEPARATE GROUT WAS REQUIRED TO ENCASE THE ANODES INTO THE CAP.

RECORD DRAWING
R.A. WIEBE, P.ENG — APPROVED BY:
02/5/03 — DATE:

B.M. ELEV.			
NO.	REVISIONS	DATE	BY
1	REVISED TO RECORD DRAWING	02/5/03	R.A.W.

DESIGNED BY: A.S.D.
DRAWN BY: N.B.G.
CHECKED BY: R.A.W.
APPROVED BY:
SCALE: HORZ. AS SHOWN VERT.
DATE: AUG. 2002
AUTHORIZED BY: DATE:
ORIGINAL SIGNED BY B. EBENSPANGER, P.Eng.
CITY BRIDGE ENGINEER

DILLON CONSULTING

ENGINEER'S SEAL
PROVINCE OF MANITOBA — ORIGINAL STAMPED BY A.S. DERAJ 08/19/02 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NO.
02–0220–01

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

NAIRN AVENUE OVERPASS

PIER CONCRETE REPAIR AND CORROSION MITIGATION WORKS

SECTIONS AND DETAILS

CITY DRAWING NUMBER
B121–02–03AC
SHEET 3 OF 3