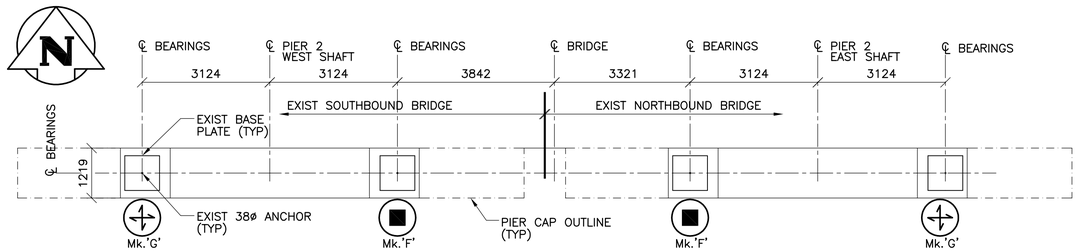
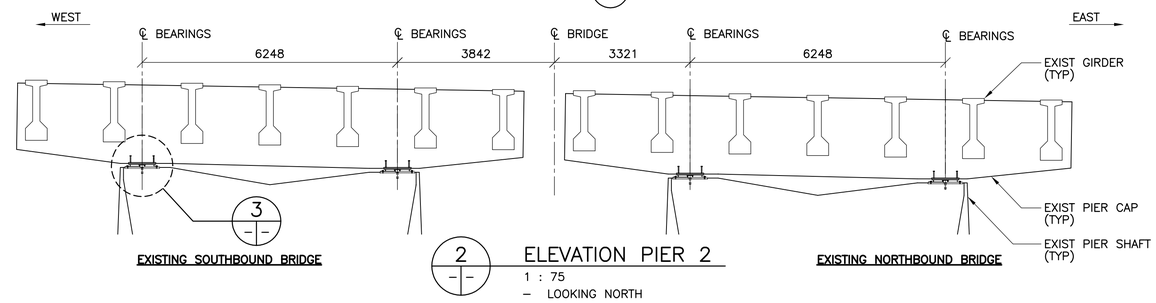


1 — BEARING LAYOUT – PIER 2

1 : 75

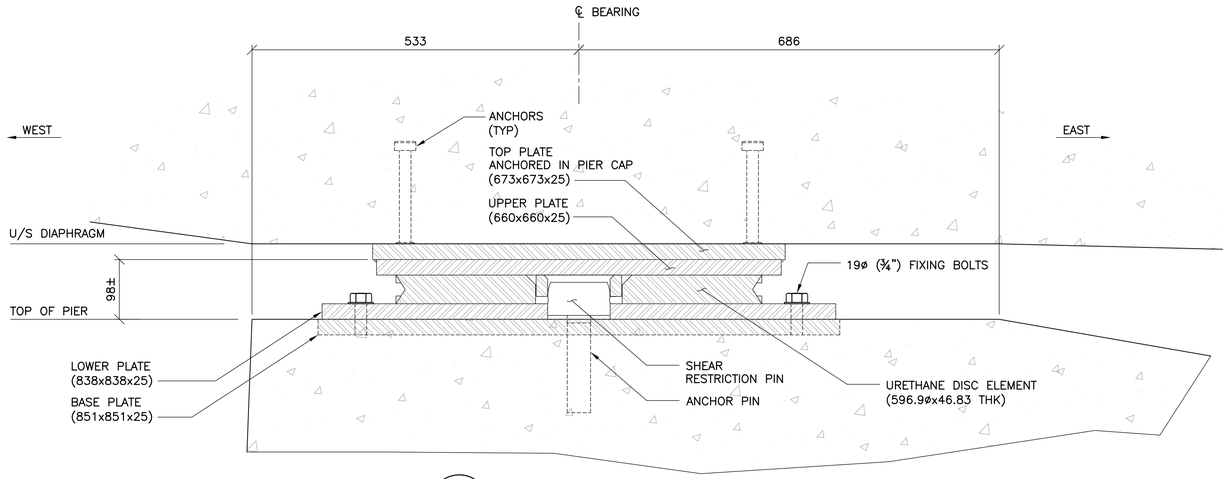
- SHOWING BASE PLATE ON TOP OF PIER
- NEW MULTI DIRECTIONAL BEARINGS
- FIXED BEARINGS



2 — ELEVATION PIER 2

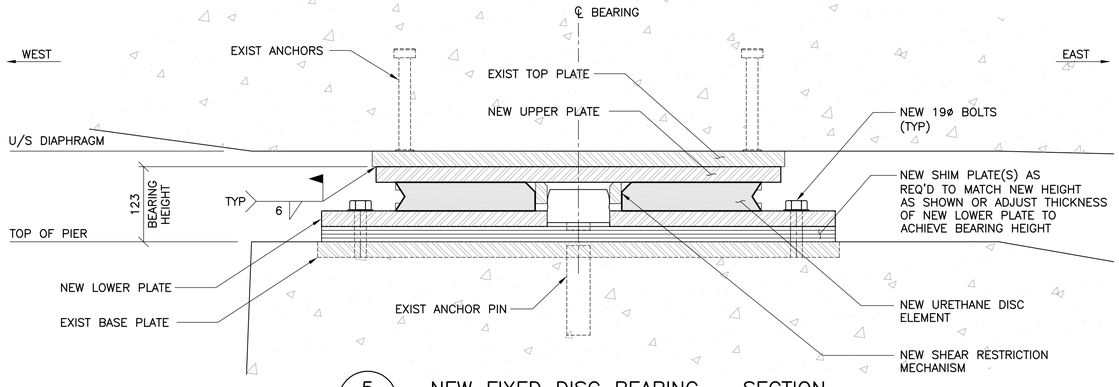
1 : 75

- LOOKING NORTH



3 — EXIST FIXED DISC BEARING – SECTION

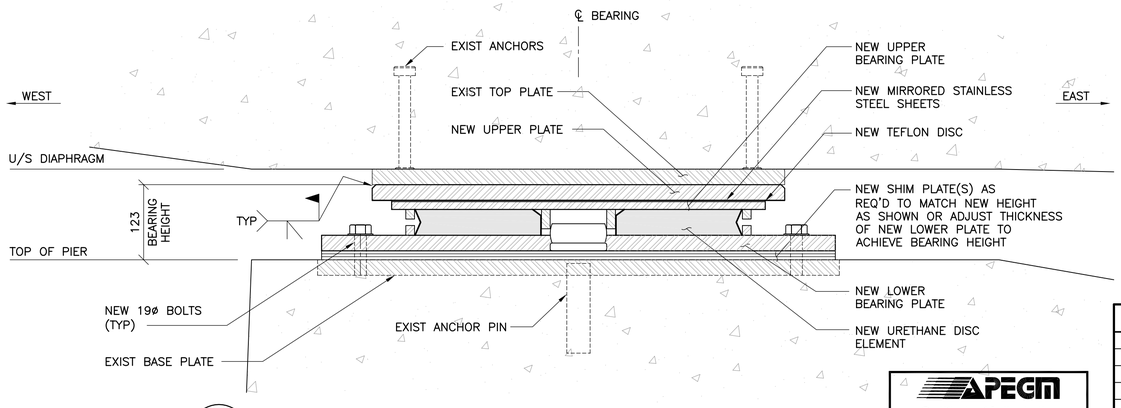
1 : 5



5 — NEW FIXED DISC BEARING – SECTION

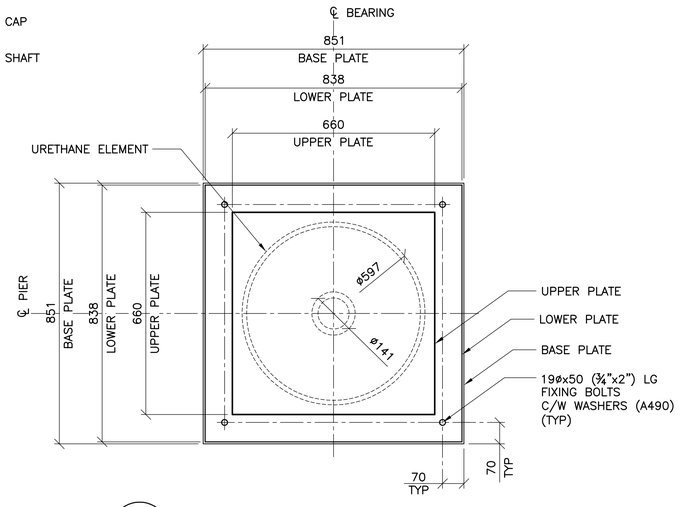
1 : 5

- U/S OF DIAPHRAGM TO BE RAISED 25 mm
- EXISTING TOP PLATE AND BASE PLATE TO BE SHOT BLASTED AND COATED WITH 6 mil OF ZINC METALIZING



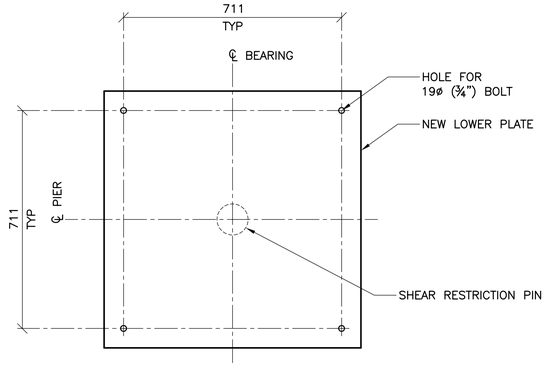
6 — NEW MULTI DIRECTIONAL DISC BEARING – SECTION

1 : 5



4 — EXIST FIXED DISC BEARING – PLAN

1 : 10



7 — BOLT PATTERN FOR NEW LOWER PLATE

1 : 10

- BEARING SUPPLIER TO UTILIZE EXISTING BOLT PATTERN FOR NEW FIXING BOLTS AND BEARING DESIGN
- OVERSIZE NEW FIXING BOLT HOLES BY 2mm IN NEW LOWER PLATE

APEGM Certificate of Authorization — Wardrop Engineering Inc. — No. 195 — Date: April 30, 2011

B.M. ELEV.		F.B.		
00	ISSUED FOR TENDER	10.12.16	RHW
NO.	REVISIONS	DATE	BY

WARDROP — A TETRA TECH COMPANY

DESIGNED BY	R.H.W.	CHECKED BY	R.H.W.
DRAWN BY	G.I.	APPROVED BY	C.D.S.
HOR. SCALE: / VERTICAL:	AS NOTED	RELEASED FOR CONSTRUCTION	DATE
		ORIGINAL SIGNED	10.12.17
DATE	10.12.13	MATT CHISLETT, P.ENG BRIDGE PROJECTS ENGINEER	

PROVINCE OF MANITOBA — ORIGINAL SIGNED W.R. HALDANE-WILSON 10.12.16 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 0900070502-DWG-S1005

Winnipeg

THE CITY OF WINNIPEG

PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

OSBORNE STREET BRIDGE
SUPPLY, FABRICATION, & DELIVERY OF BEARINGS

CITY DRAWING NUMBER: B109-11-005
SHEET 5 OF 5

PIER 2 – BEARING DETAILS

5