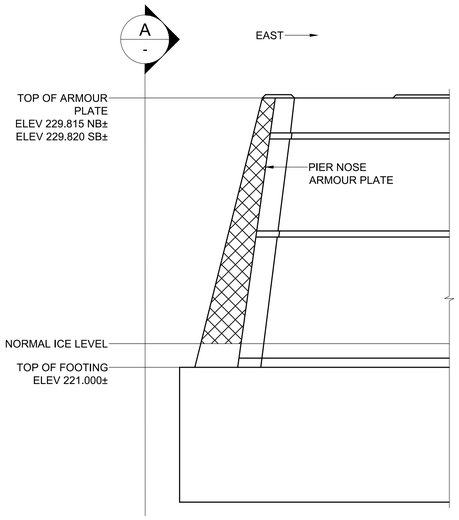
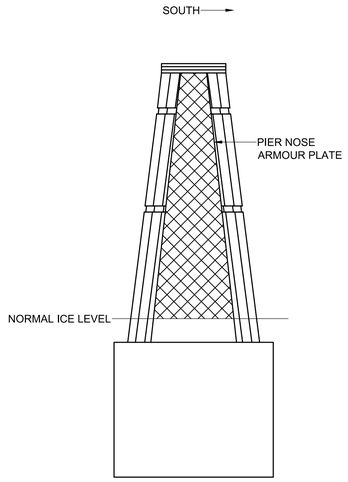
A1 SIZE 594mm x 841mm



PIER ELEVATION (TYP)

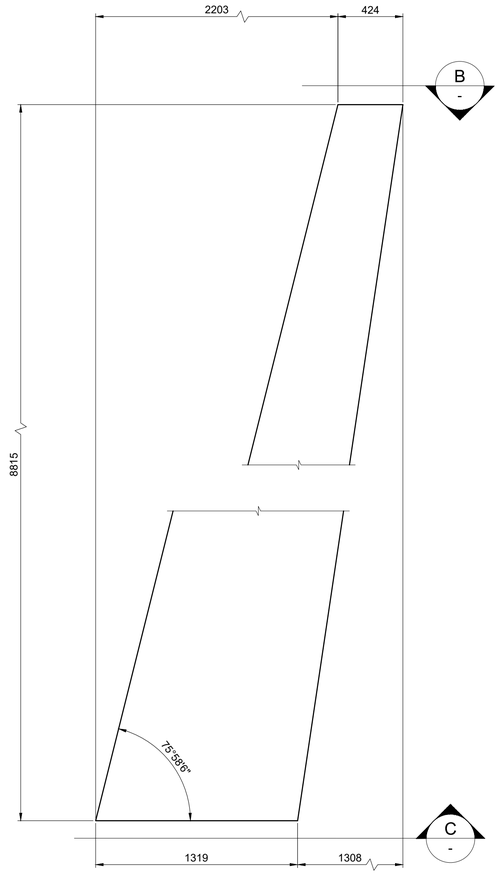
SCALE: 1:100



A - VIEW- PIER FACE (TYP)

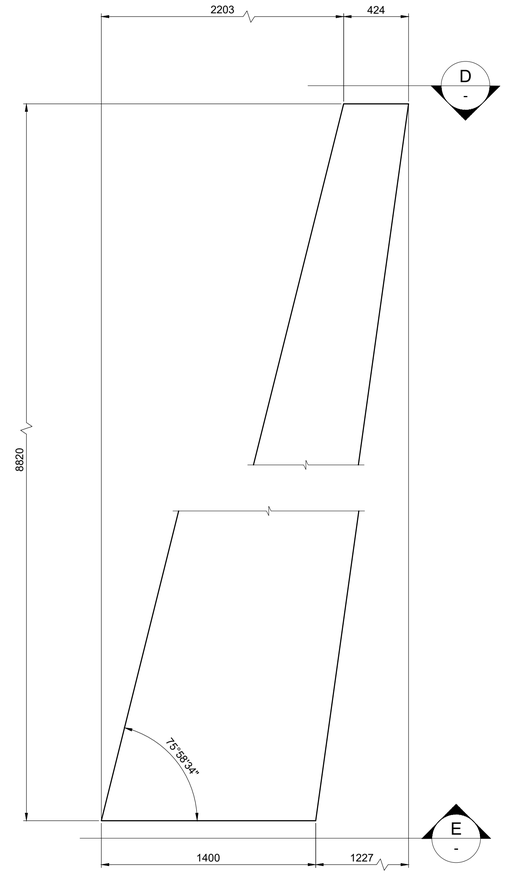
SCALE: 1:100

TYPICAL MAIN STREET FACE OF PIER



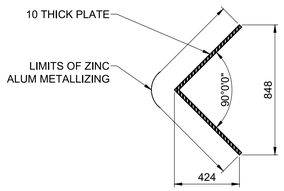
NOURTHBOUND PIER NOSE ARMOUR PLATE ELEVATION

SCALE: 1:20



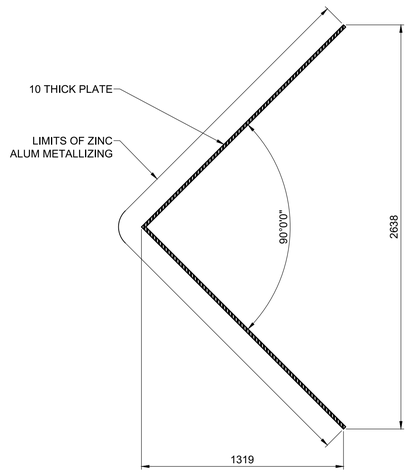
SOUTHBOUND PIER NOSE ARMOUR PLATE ELEVATION

SCALE: 1:20



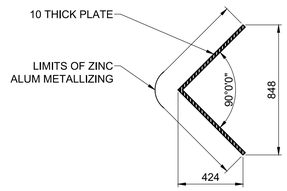
B - VIEW - TOP OF PLATE

SCALE: 1:20



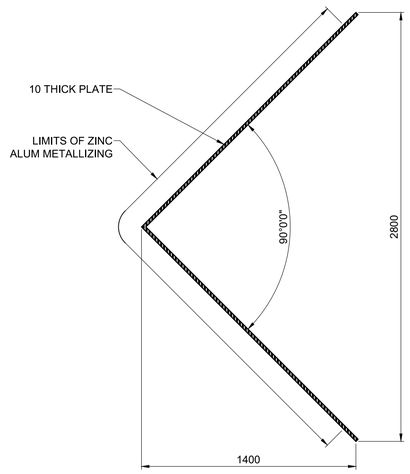
C - VIEW - BOTTOM OF PLATE

SCALE: 1:20



D - VIEW - TOP OF PLATE

SCALE: 1:20



E - VIEW - BOTTOM OF PLATE

SCALE: 1:20

TENDER No. 685-2019

MAIN STREET BRIDGES QUANTITIES	
	ZINC ALUM AREA (m^2)
NORTHBOUND PIER	20.10
SOUTHBOUND PIER	21.00

LEGEND

COPPER REMOVAL AND ZINC ALUM METALLIZING EXTENTS

GENERAL NOTES:

1. METALLIZING WORK EXTENTS INCLUDE PIER ARMOUR PLATES.
2. METALLIZING WORK TO TAKE PLACE DURING WINTER MONTHS AND ONLY TO EXPOSED STEEL ABOVE THE ICE. ICE MUST BE THICK ENOUGH TO SUPPORT ALL LOADING.
3. EXISTING COPPER METALLIZING TO BE REMOVED BY MEANS OF GRINDING, ABRASIVE BLASTING, OR METHOD APPROVED BY THE CONTRACT ADMINISTRATOR. ALL DEBRIS TO BE CONTAINED.
4. SANDBLAST EXPOSED STEEL PRIOR TO METALLIZING. ALL DEBRIS TO BE CONTAINED.
5. APPLY ZINC ALUM METALLIZING TO EXPOSED STEEL. THICKNESS OF METALLIZING TO BE 8 TO 12 MILS. NACP-2 QUALITY CONTROL IS REQUIRED AT ALL TIMES FOR METALLIZING. ALL DEBRIS TO BE CONTAINED.

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR, U/G STRUCTURES COMMITTEE — DATE

NOTE:
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 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.

BM
ELEV

No.	REVISIONS	YY/MM/DD	BY
0	ISSUED FOR TENDER	19/08/14	BE

MORRISON HERSHFIELD

DESIGNED BY	AGG	CHECKED BY	BAP
DRAWN BY	AH	APPROVED BY	BE
HOR SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERT SCALE	AS SHOWN		
DATE		DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
A.D.G. GILARSKI
ORIGINAL SIGNED 19/08/14
32144
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME
180514900-MW-12.dwg

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2019 BRIDGE MAINTENANCE NORWOOD AND MAIN STREET BRIDGES

MAIN STREET BRIDGES PIER METALLIZING

CITY DRAWING NUMBER	B104-19-04
SHEET	12
OF	12
DRAWING No.	12
REV	0

PLOT: 8/13/2019 2:52:34 PM
Plotted: 8/13/2019 2:52 PM by Alex Heppner
Last Saved: 7/29/2019 2:47 PM by alheppner
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