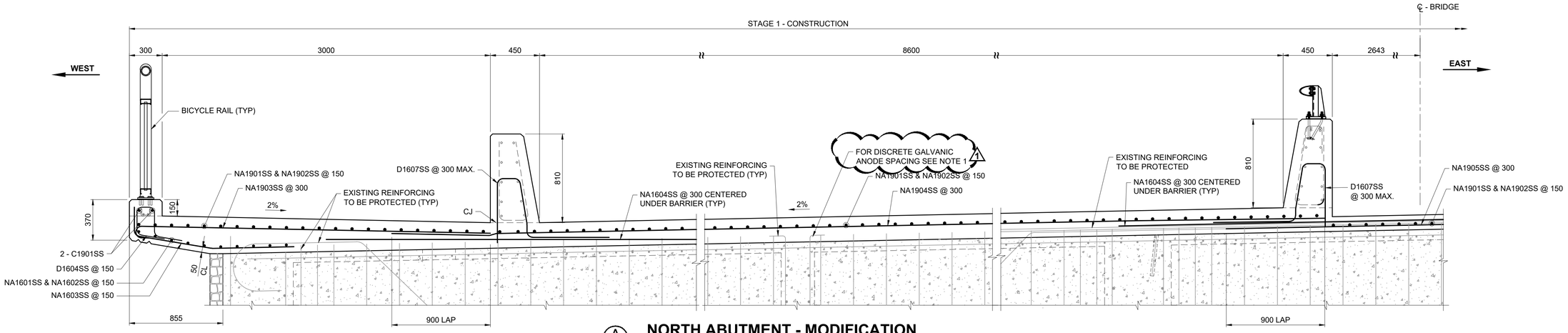
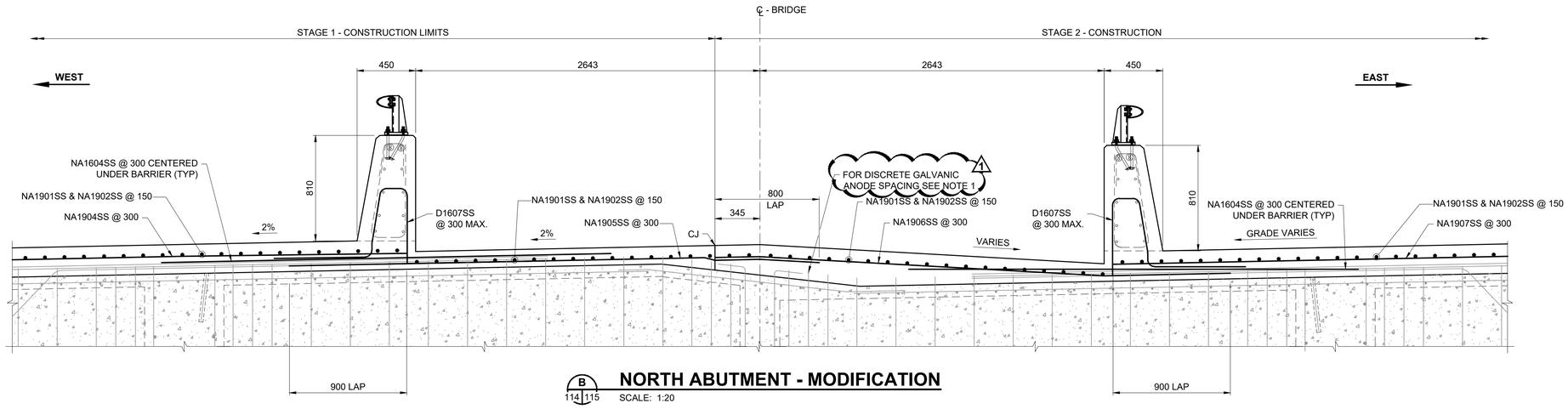


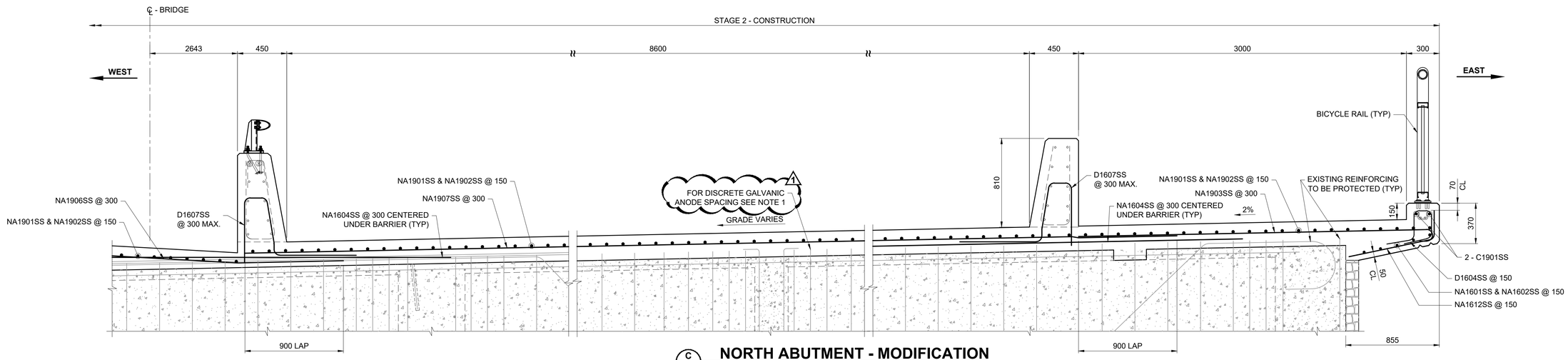
NORTH ABUTMENT - MODIFICATION

A 114 115 SCALE: 1:20



NORTH ABUTMENT - MODIFICATION

B 114 115 SCALE: 1:20



NORTH ABUTMENT - MODIFICATION

C 114 115 SCALE: 1:20

GENERAL NOTES: 1

1. INSTALL DISCRETE GALVANIC ANODES TIED TO ALL EXPOSED EXISTING REINFORCING STEEL BARS TO BE CAST INTO NEW CONCRETE. ANODES SHALL BE SPACED AT 550 mm MAX. CONTRACTOR TO CONFIRM ELECTRICAL CONTINUITY OF BARS.
2. DO NOT DAMAGE EXISTING REINFORCING BARS MARKED TO REMAIN.
3. SANDBLAST EXISTING REINFORCING STEEL PRIOR TO INSTALLATION OF ANODES AND NEW REINFORCEMENT AS WELL AS NEW CONCRETE PLACEMENT.

1 REINFORCING BAR MARKS ADDED AS PART OF ADDENDUM 1

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 54-006 — Tblt. in S. face of E. Conc. pier in 1st row of Conc. piers N. of S. end of St. Vital Bridge over Red River, N. of Kingston Row, 5 m W. of E. end of Pier.
ELEV 228.166 m

No.	REVISIONS	YY/MM/DD	BY
1	REVISED FOR ADDENDUM 1	22/12/13	BAP
0	ISSUED FOR TENDER	22/11/24	BAP

MORRISON HERSHFIELD

DESIGNED BY	SF	CHECKED BY	AGG
DRAWN BY	JH	APPROVED BY	BE
HOR SCALE	1:20	RELEASED FOR CONSTRUCTION	
VERT SCALE			
DATE	NOV 24, 2022	DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA — S. Faraz — Member 42621 — 2022-12-14 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME
2103510-SVB DD-BR-ABUT20.dwg

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

ST. VITAL TWIN BRIDGE OVER THE RED RIVER REHABILITATION AND RELATED WORKS

BRIDGE REHABILITATION
ABUTMENT MODIFICATIONS - NORTH ABUTMENT 2 OF 4

CITY FILE NUMBER: B116-24-29
SHEET 115 OF 244
DRAWING NUMBER: 115

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

TENDER No. 615-2022

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ISO A1 - 594mm x 841mm

X:\Proj\2021\21035\1000-St Vital Bridge over Red River PD\09_CAD\07 Sheets\Structural\Detailed Design\2103510-SVB DD-BR-ABUT20.dwg Last Saved: 12/14/2022 5:13 PM by JHam2 Plotted: 12/14/2022 5:42 PM by Alex Heppner