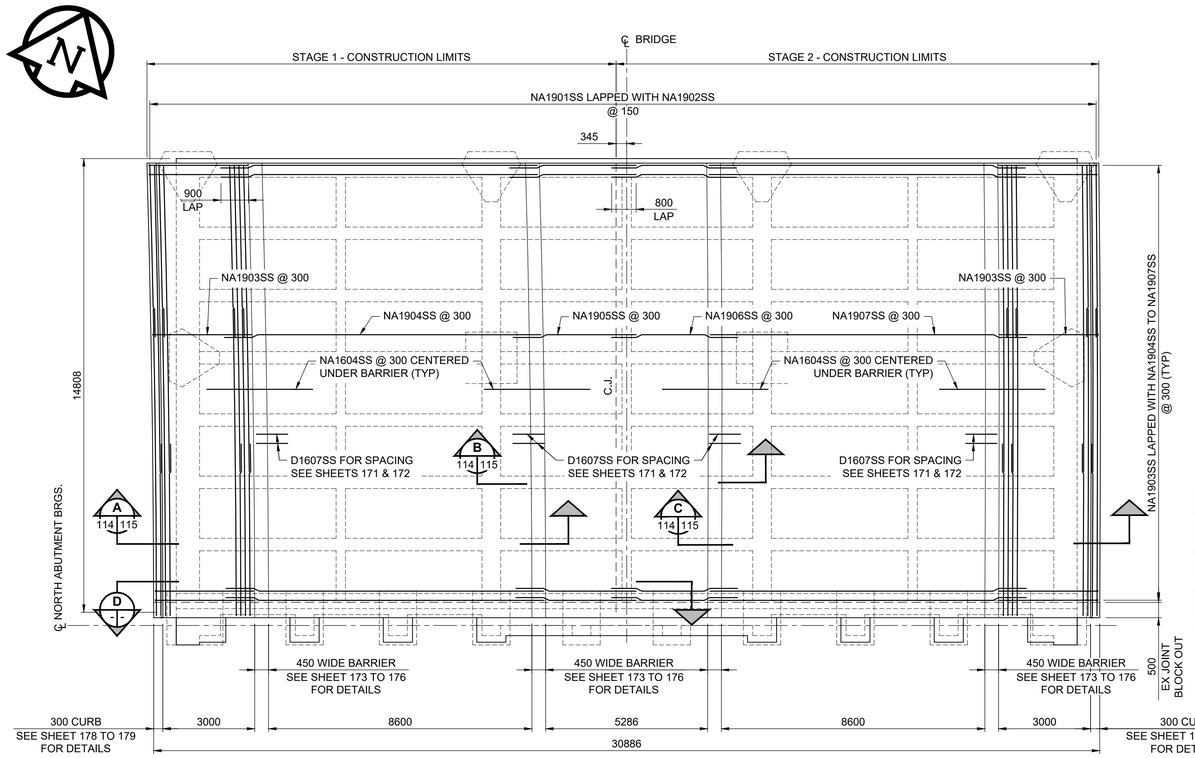
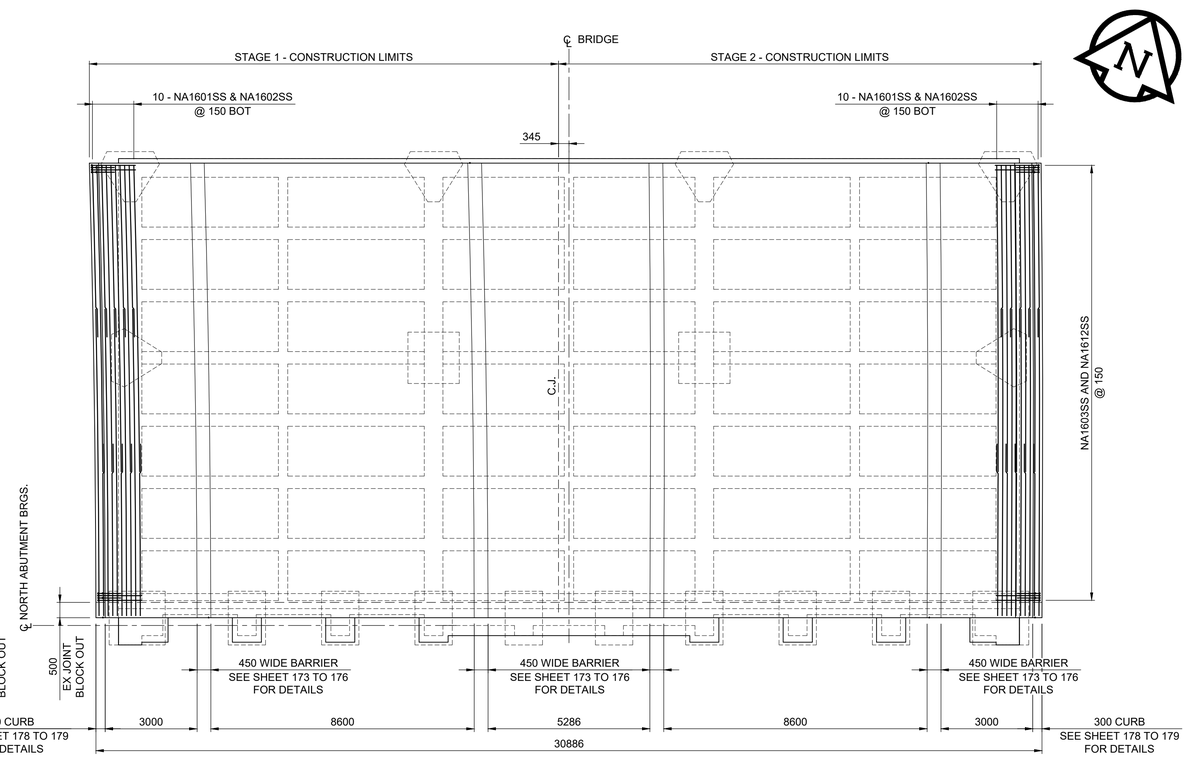


NORTH ABUTMENT SLAB REINFORCING - PLAN

SCALE: 1:100

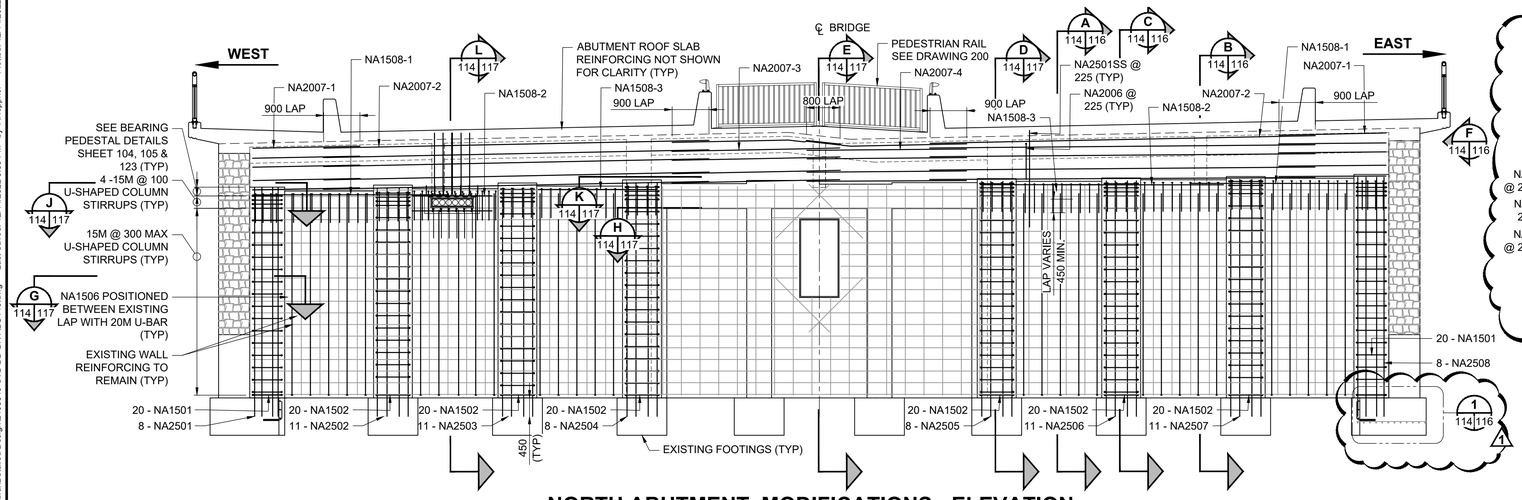
(SHOWING TOP MAT REINFORCING OF ABUTMENT ROOF SLAB ONLY FOR CLARITY)



NORTH ABUTMENT SLAB REINFORCING - PLAN

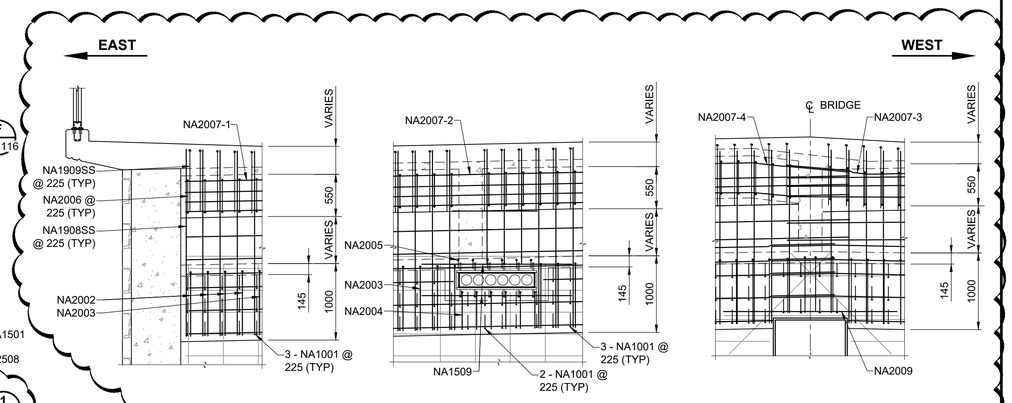
SCALE: 1:100

(SHOWING BOTTOM MAT REINFORCING OF ABUTMENT ROOF SLAB AND BARRIER WALL ONLY FOR CLARITY)



NORTH ABUTMENT MODIFICATIONS - ELEVATION

SCALE 1:75



NORTH ABUTMENT - MODIFICATION 1

PART SECTION

SCALE: 1:40

GENERAL NOTES: 1

1. PILES NOT SHOWN FOR CLARITY.
2. REMOVALS TO BE COMPLETE WHEN DECK IS REMOVED FROM CARRIAGE WAY PRIOR TO POURING NEW DECK.
3. REPAIR TO BE COMPLETED TO DELAMINATED, SPALLED AND CRACKED CONCRETE IN AREAS NOT OTHERWISE BEING RECONSTRUCTED PRIOR TO APPLYING ARC SPRAYED ZINC OR PENETRATING CONCRETE SEALER. REFER TO SHEET 139 FOR REPAIR DETAILS.
4. ALL EXPOSED CONCRETE SURFACES ON THE FRONT OF THE ABUTMENT WALL NOT BEING RECONSTRUCTED SHALL BE TREATED WITH PENETRATING CONCRETE SEALER AFTER ALL REPAIRS AND RECONSTRUCTION IS COMPLETE.

1 REINFORCING BAR MARKS ADDED AS PART OF ADDENDUM 1

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

TENDER No. 615-2022

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 ELEV 228.166 m — 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.

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	AH	APPROVED BY	BE
HOR SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
VERT SCALE			
DATE	NOV 24, 2022	DATE	

PROFESSIONAL'S SEAL — PROVINCE OF MANITOBA — S. Faraz — Member 42621 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME: 2103510-SVB DD-BR-ABUT19.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 1 OF 4

CITY FILE NUMBER: B116-24-28

SHEET 114 OF 244

DRAWING NUMBER: 114

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ISO A1 - 594mm x 841mm

X:\Proj\2021\2103510\00-St Vital Bridge over Red River PD\09. CAD\07 Sheets\Structural\Detailed Design\2103510-SVB DD-BR-ABUT19.dwg Last Saved: 12/14/2022 9:55 PM by AHeppner Plotted: 12/14/2022 11:32 PM by Alex Heppner