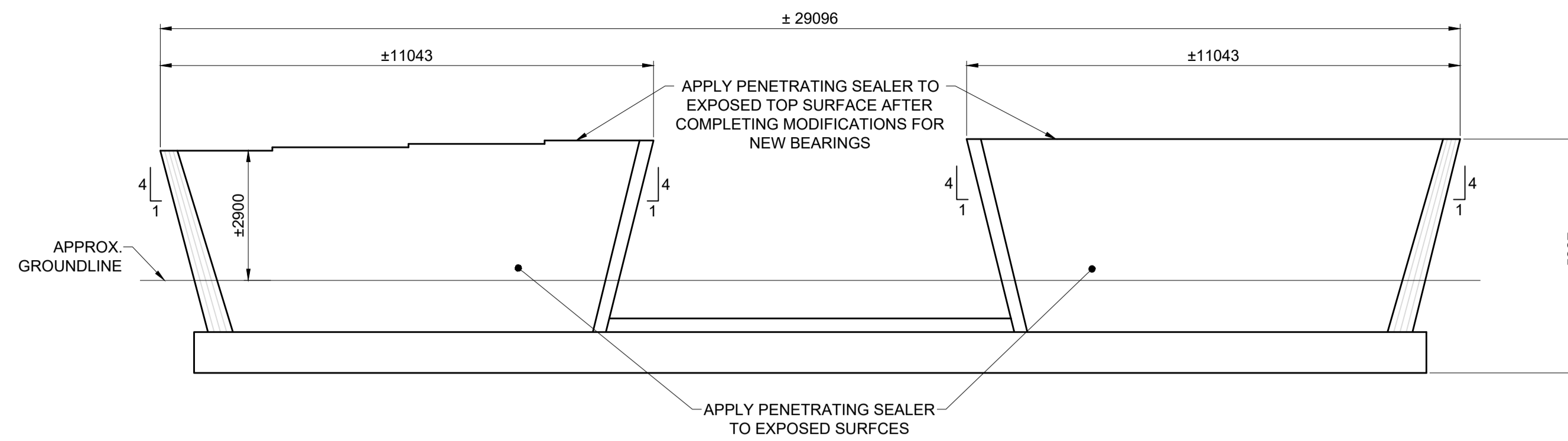
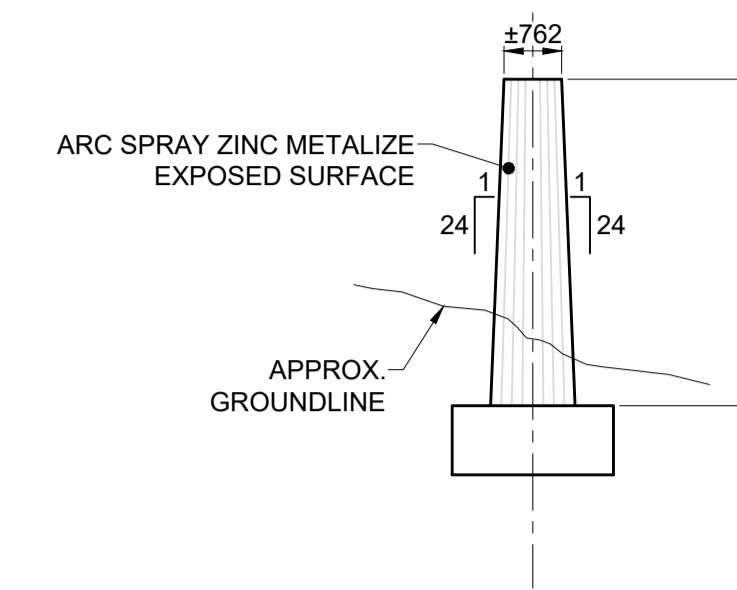


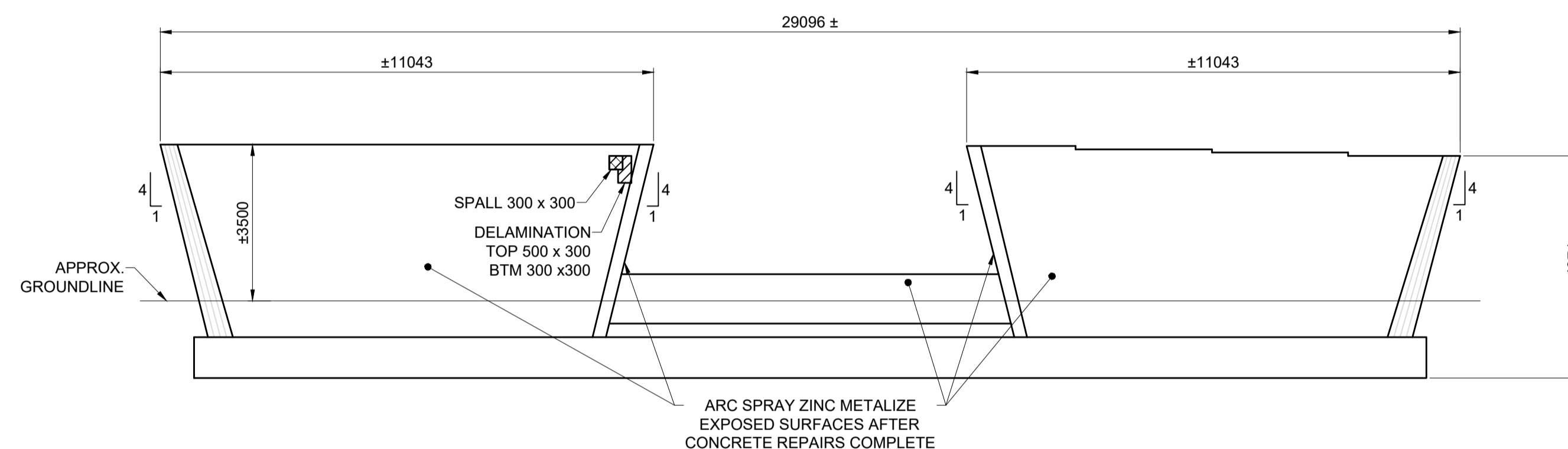
PIER 1 WEST END
 SCALE: 1:100



PIER 1 SOUTH FACE
 SCALE: 1:100



PIER 1 EAST END
 SCALE: 1:100



PIER 1 NORTH FACE
 SCALE: 1:100

NOTES:

1. DEFECTS MAPPED JULY 2022.
2. CONTRACTOR TO UNDERTAKE DELAMINATION SURVEY WITH RESIDENT ENGINEER TO CONFIRM EXTENT OF DEFECTS.
3. MEDIUM AND WIDE CRACKS TO BE EPOXY INJECTED AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
4. REPAIRS TO BE COMPLETED TO DELAMINATED, SPALLED, CRACKED, AND SCALED CONCRETE PRIOR TO APPLYING ARC SPRAY ZINC METALIZING OR PENETRATING SEALER. REFER TO SHEET 139 FOR PATCH REPAIR DETAILS.
5. MEDIUM CRACKS RANGE IN WIDTH FROM 0.3 TO 1.0 mm ±
6. APPLY ARC SPRAY ZINC METALIZING OR PENETRATING SEALER TO EXPOSED CONCRETE SURFACES, AS INDICATED, AFTER COMPLETING CONCRETE REPAIRS AND MODIFICATIONS FOR BEARINGS (REFER TO SHEET 133)

LEGEND:

| | | | | |
|--------------|--|---|----------------|--|
| MEDIUM CRACK | | M | SPALL | |
| WIDE CRACK | | W | AQUATIC GROWTH | |
| DELAMINATION | | | DARK STAINING | |
| | | | MAP CRACKING | |

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 | 54-006 | Tell, in S. face of E. Conc. pier in 1st row of Conc. piers |
| ELEV | 228.166 m | 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 3 | 23/01/13 BAP |
| 0 | ISSUED FOR TENDER | 22/11/24 BAP |

| | |
|-------------|--------------|
| | |
| DESIGNED BY | BAP |
| CHECKED BY | BE |
| DRAWN BY | KMB |
| APPROVED BY | BE |
| HOR SCALE | 1:100 |
| VERT SCALE | |
| DATE | NOV 24, 2022 |

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
B.A.F. PHILLIPS
Member
32723
2023-01-13
REGISTERED PROFESSIONAL ENGINEER
CONSULTANT FILE NAME
2103510-SVB-DD-BR-PIER01.dwg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
ST. VITAL TWIN BRIDGE OVER THE RED RIVER
REHABILITATION AND RELATED WORKS
BRIDGE REHABILITATION
PIER 1 DEFECT MAP AND SURFACE REPAIRS

CITY FILE NUMBER
B116-24-39
SHEET 125 OF 244
DRAWING NUMBER
125

TENDER No. 615-2022