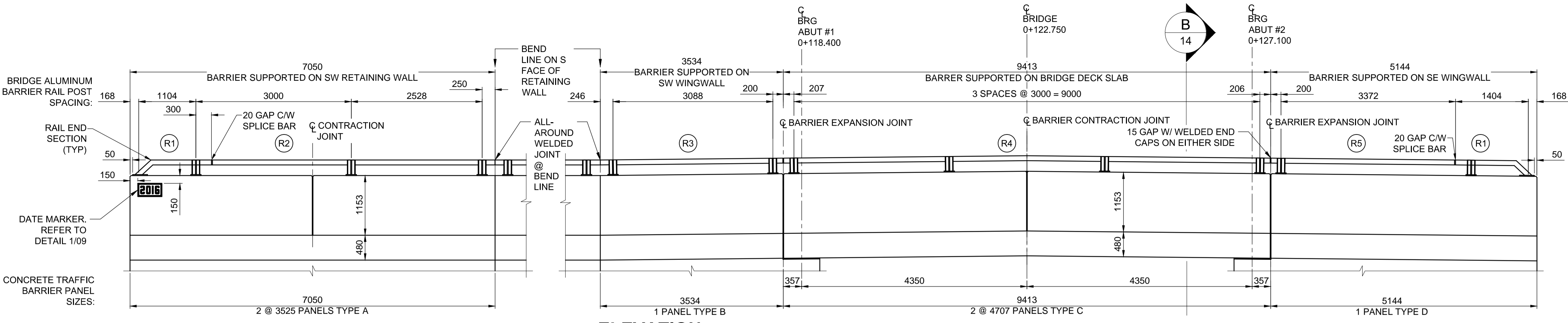
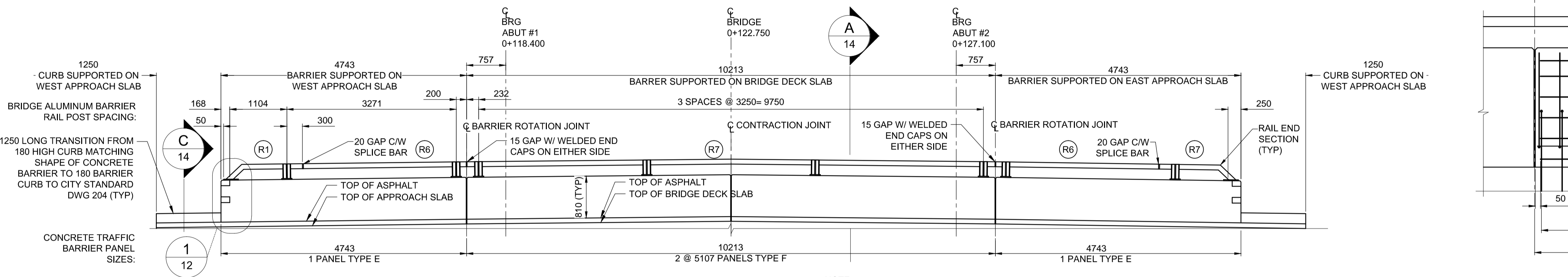


A1 SIZE 894mm x 841mm
PLOT: 10/23/2015 10:58:58 AM
FILE NAME: W150005-DWG-BRIDGE.dwg Saved By: djane



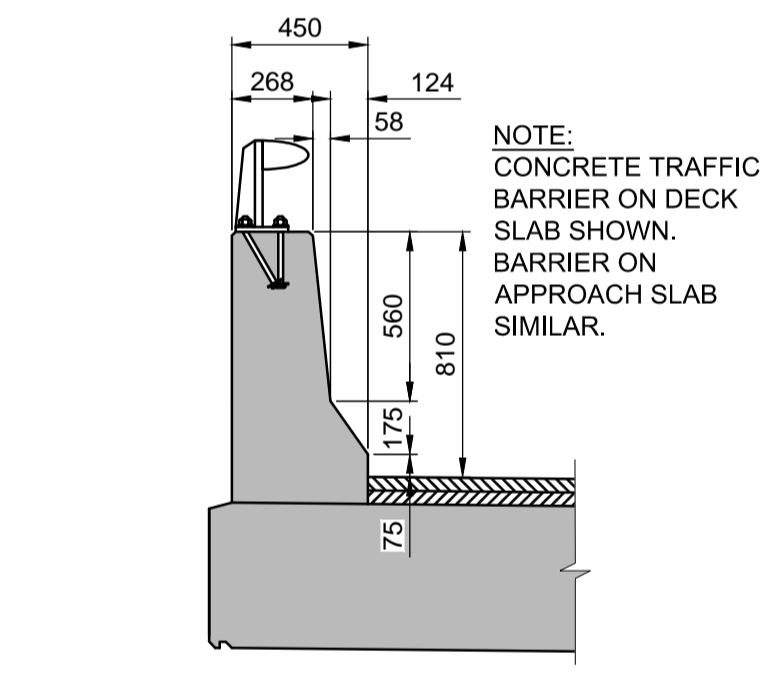
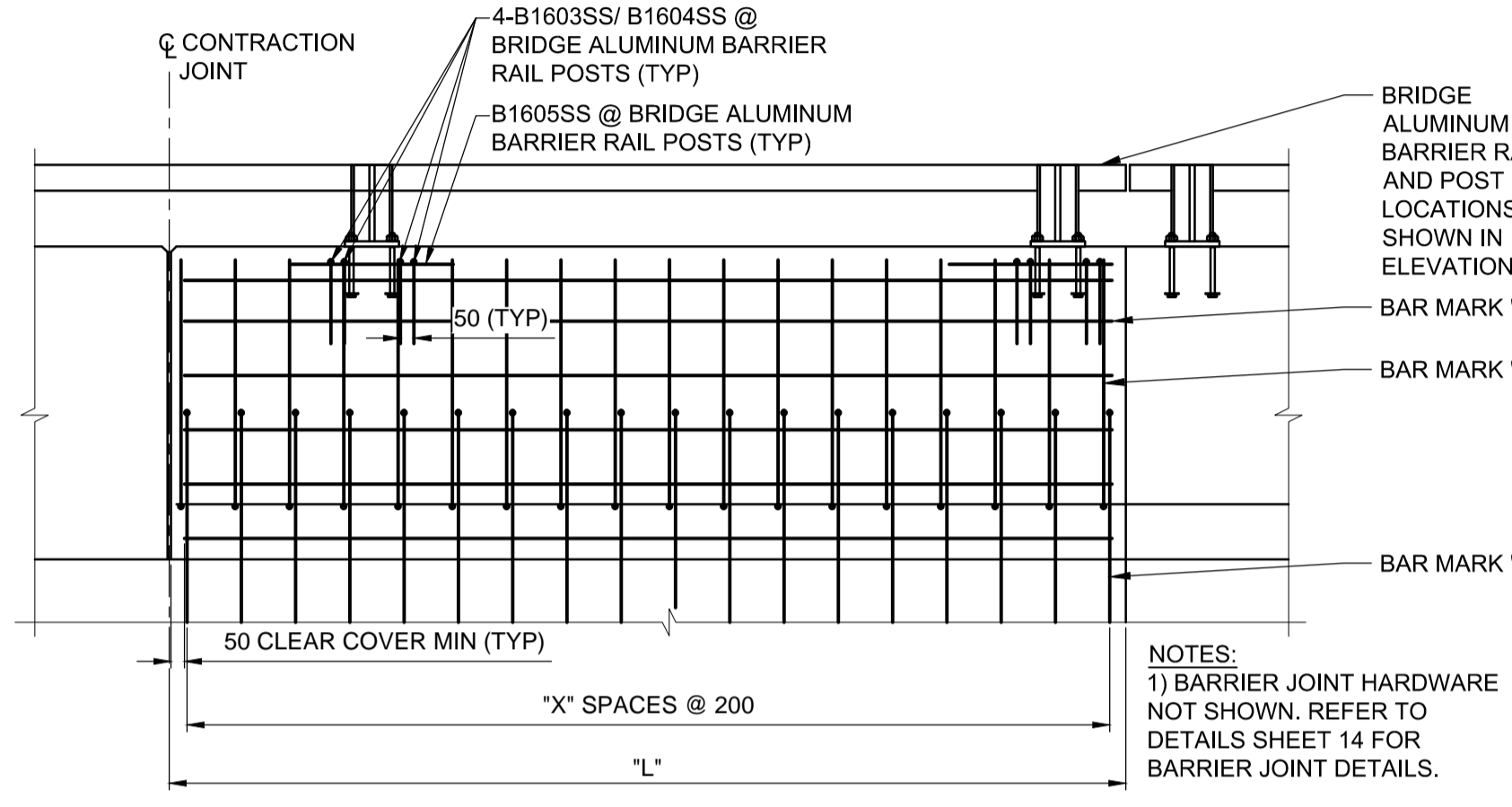
ELEVATION
SOUTH CONCRETE TRAFFIC BARRIER & RAIL, LOOKING NORTH
SCALE: 1:50

NOTE: (R1) REFERS TO BRIDGE ALUMINUM BARRIER RAIL DESIGNATION. REFER TO BILL OF MATERIALS SHEET 18.

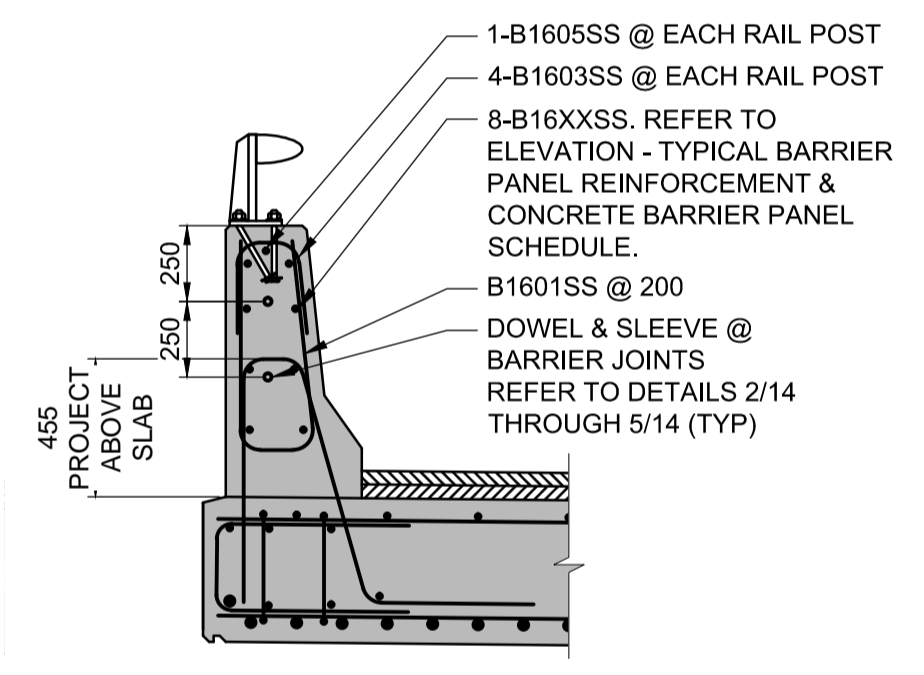


ELEVATION
TYPICAL CONCRETE TRAFFIC BARRIER PANEL REINFORCEMENT
SCALE: 1:25

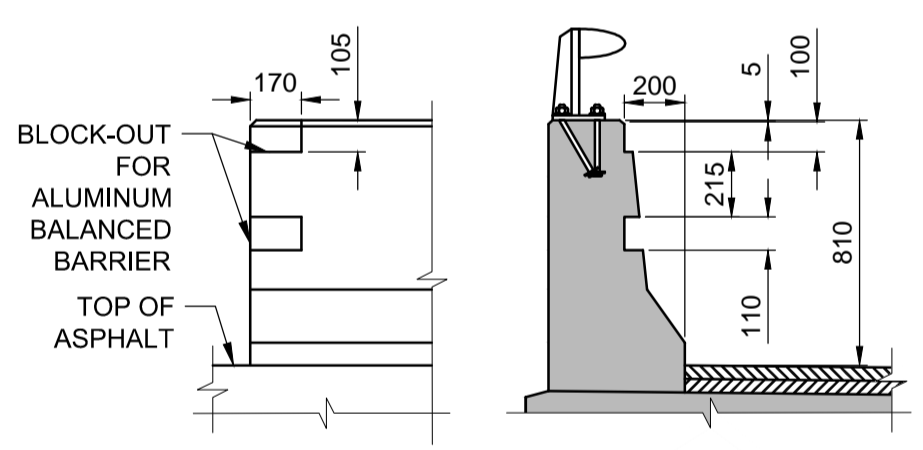
NOTE: (R1) BARRIER JOINT HARDWARE NOT SHOWN. REFER TO DETAILS SHEET 14 FOR BARRIER JOINT DETAILS.
2) PANEL A SHOWN. OTHER PANELS SIMILAR. REFER TO SECTIONS A/14 & B/14 AND SECTIONS SHEET 11 FOR ADDITIONAL CLARITY.



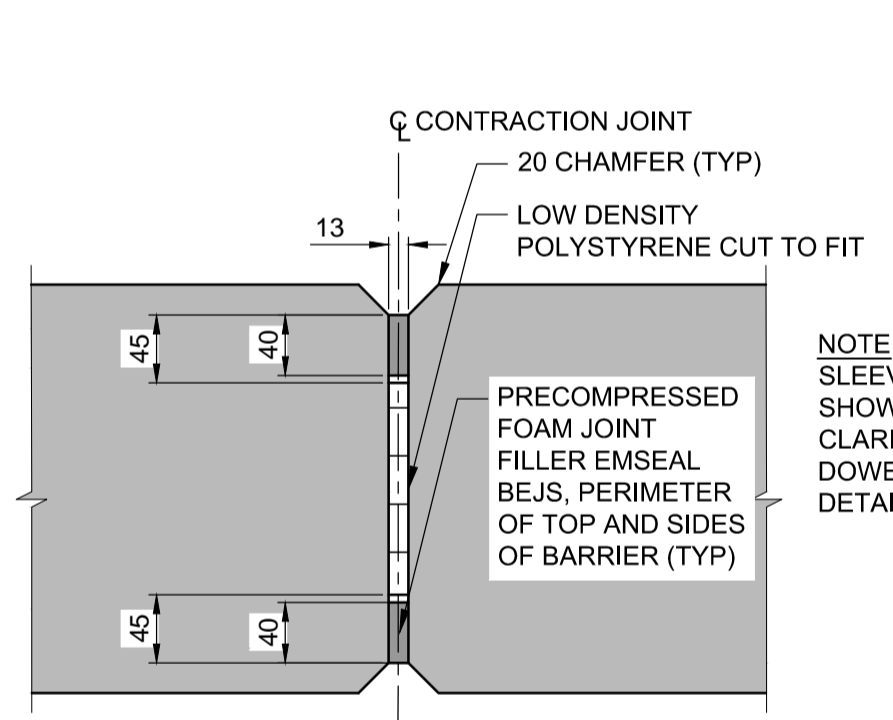
A SECTION
14 NORTH CONCRETE BARR
SCALE: 1:25



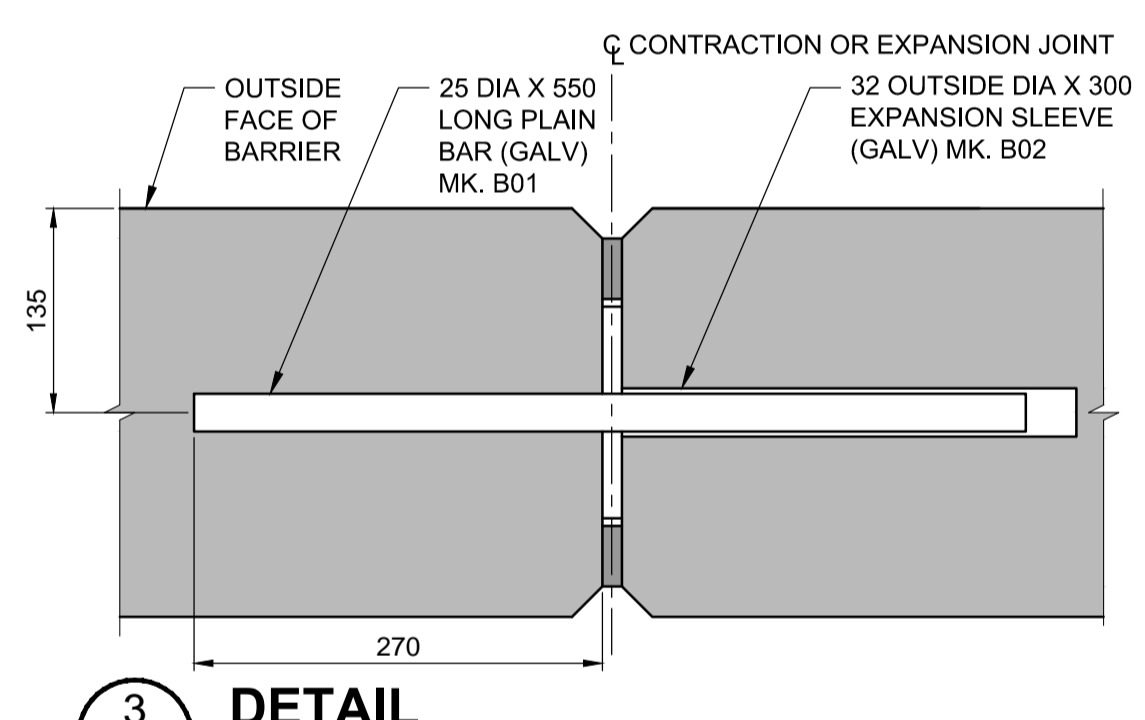
A SECTION
14 NORTH CONCRETE BARRIER - REINFORCEMENT
SCALE: 1:25



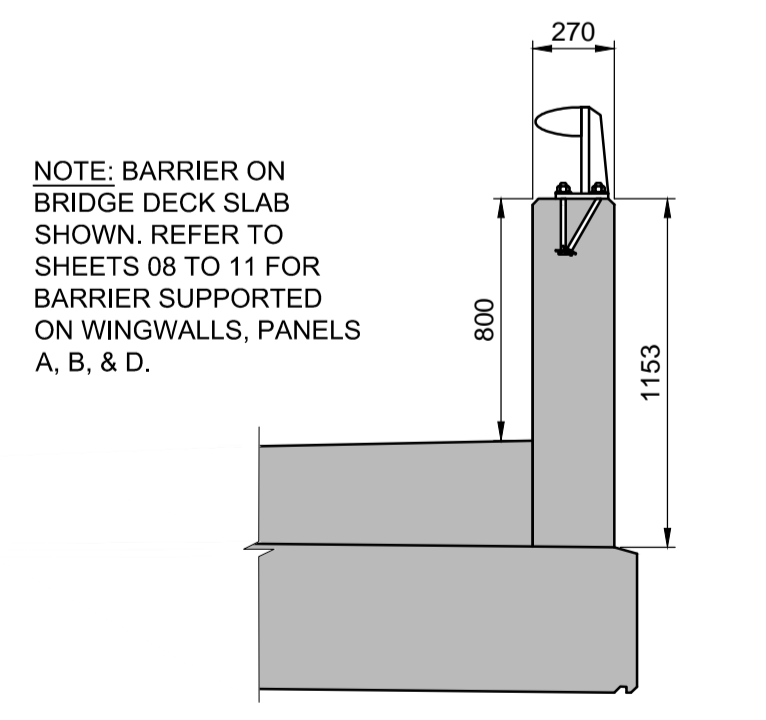
1 DETAIL
14 NORTH CONCRETE BARRIER END
SCALE: 1:25



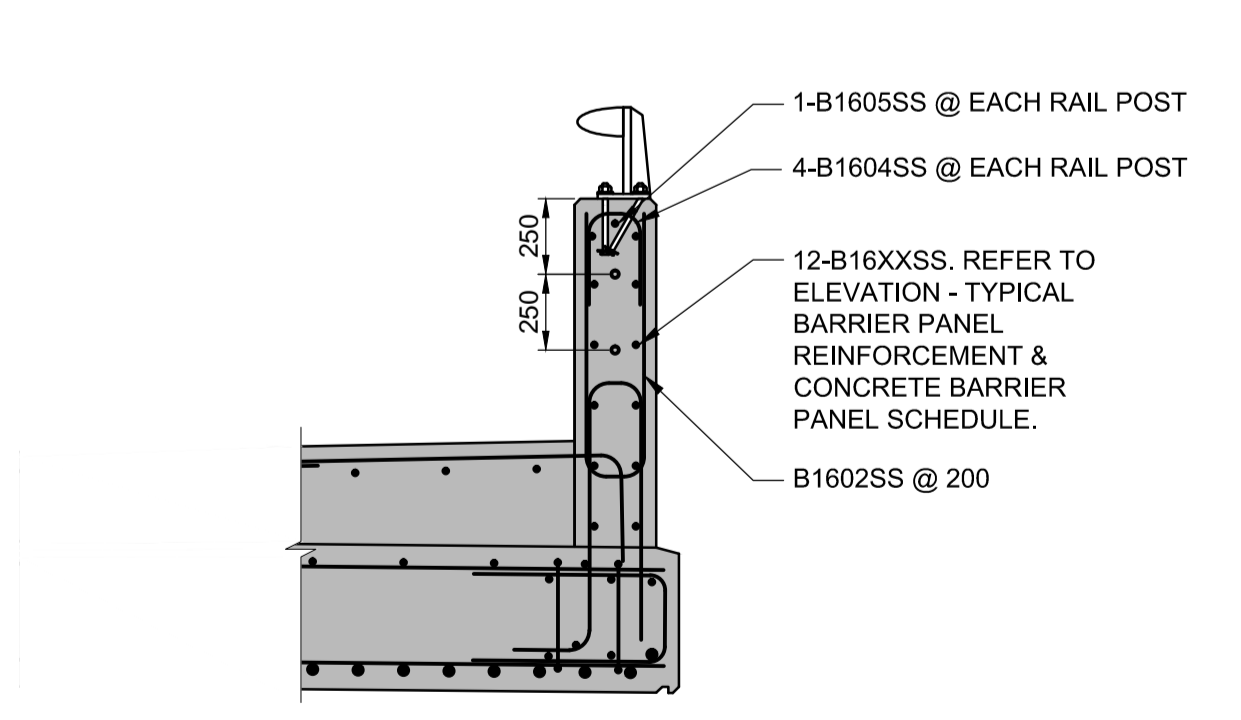
2 DETAIL
14 BARRIER CONTRACTION JOINT
SCALE: 1:5



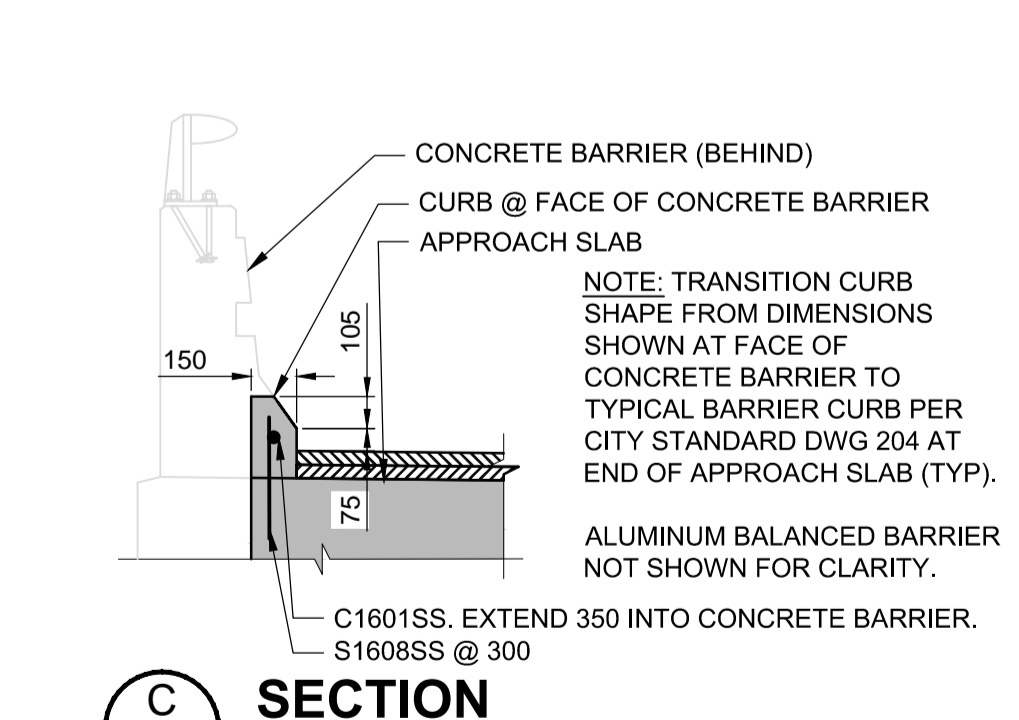
3 DETAIL
14 DOWEL & SLEEVE - CONTRACTION & EXPANSION JOINTS
SCALE: 1:5



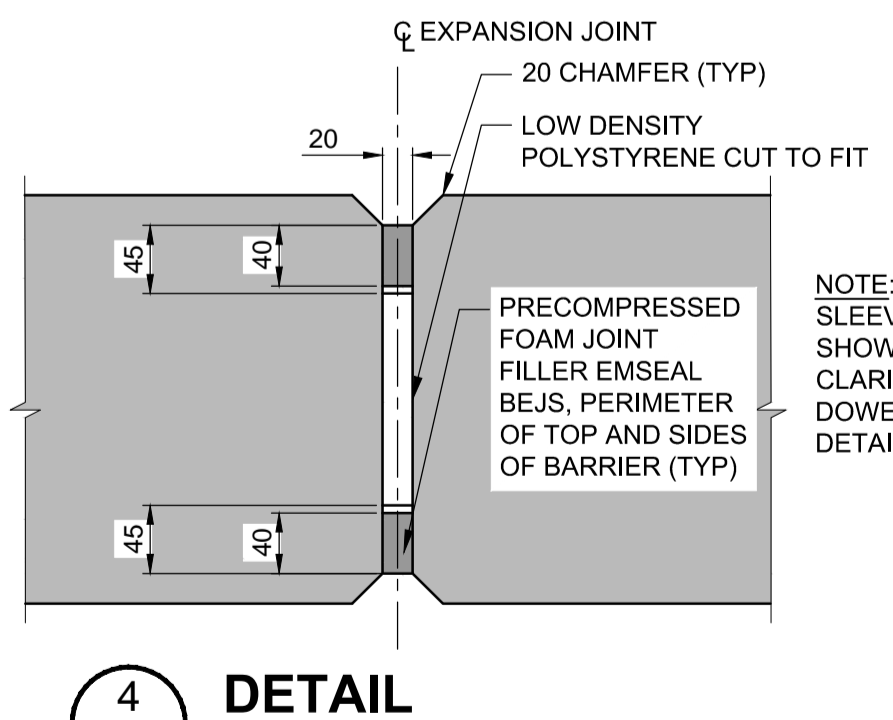
B SECTION
14 SOUTH CONCRETE BARRIER
SCALE: 1:25



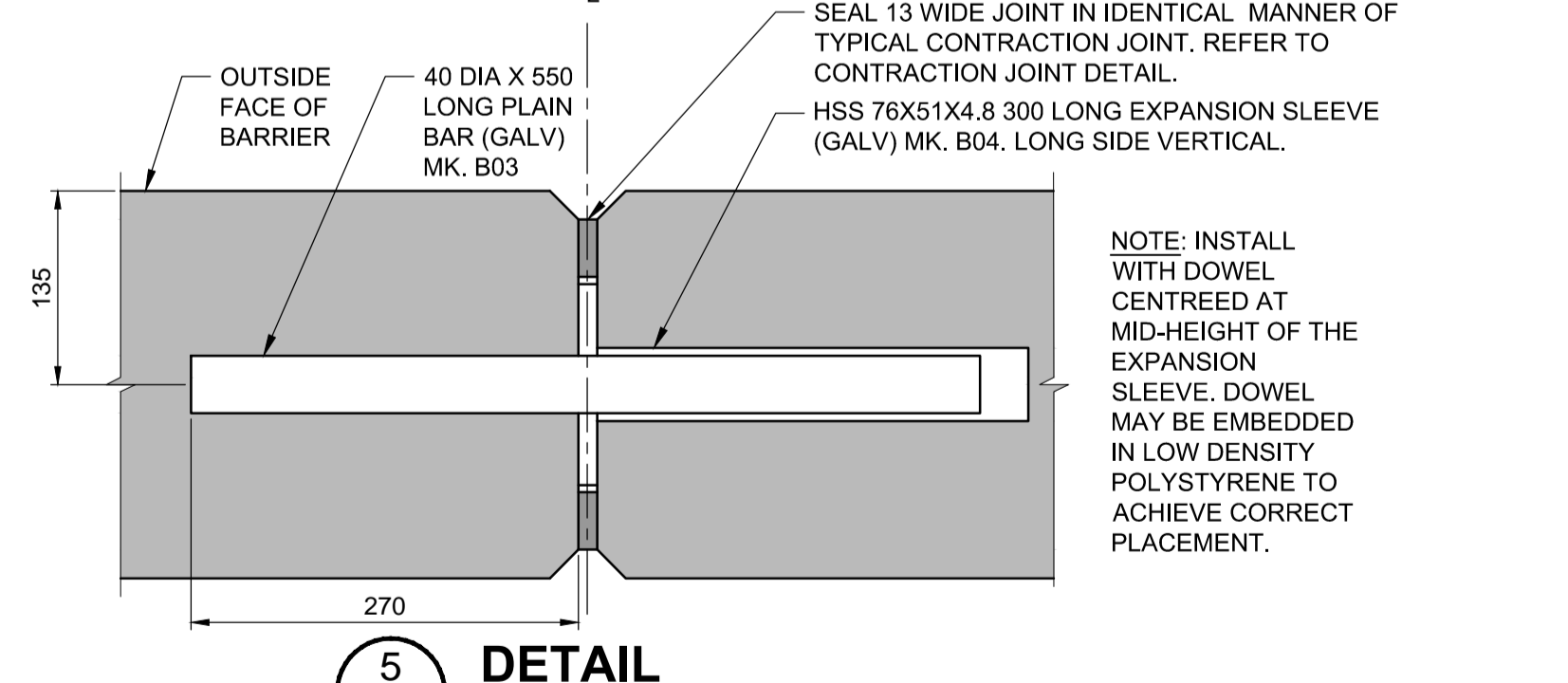
B SECTION
14 SOUTH CONCRETE BARRIER - REINFORCEMENT
SCALE: 1:25



C SECTION
14 CURB ON NORTH SIDE OF APPROACH SLABS
SCALE: 1:25



4 DETAIL
14 BARRIER EXPANSION JOINT
SCALE: 1:5



5 DETAIL
14 ROTATION JOINT
SCALE: 1:5

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	
0 ISSUED FOR TENDER	15/10/22 DAN
No. REVISIONS	YYMMDD BY

MORRISON HERSHFIELD

DESIGNED BY DAN	CHECKED BY SAL
DRAWN BY DML	APPROVED BY BE
HOR. SCALE AS SHOWN	DATE 15/10/22
VERT. SCALE AS SHOWN	DATE 15/04/24

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
D.A. NEILSON
ORIGINAL SIGNED 15/10/22 37248
REGISTERED PROFESSIONAL ENGINEER
CONSULTANT DRAWING No. W150005-DWG-BRIDGE.dwg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

SASKATCHEWAN AVENUE AT OMAND'S CREEK BRIDGE REPLACEMENT

CITY DRAWING NUMBER B144-16-14
SHEET 14 OF 18
DRAWING No. 14
REV 0

CONCRETE BARRIERS

BID OPPORTUNITY No. 775-2015