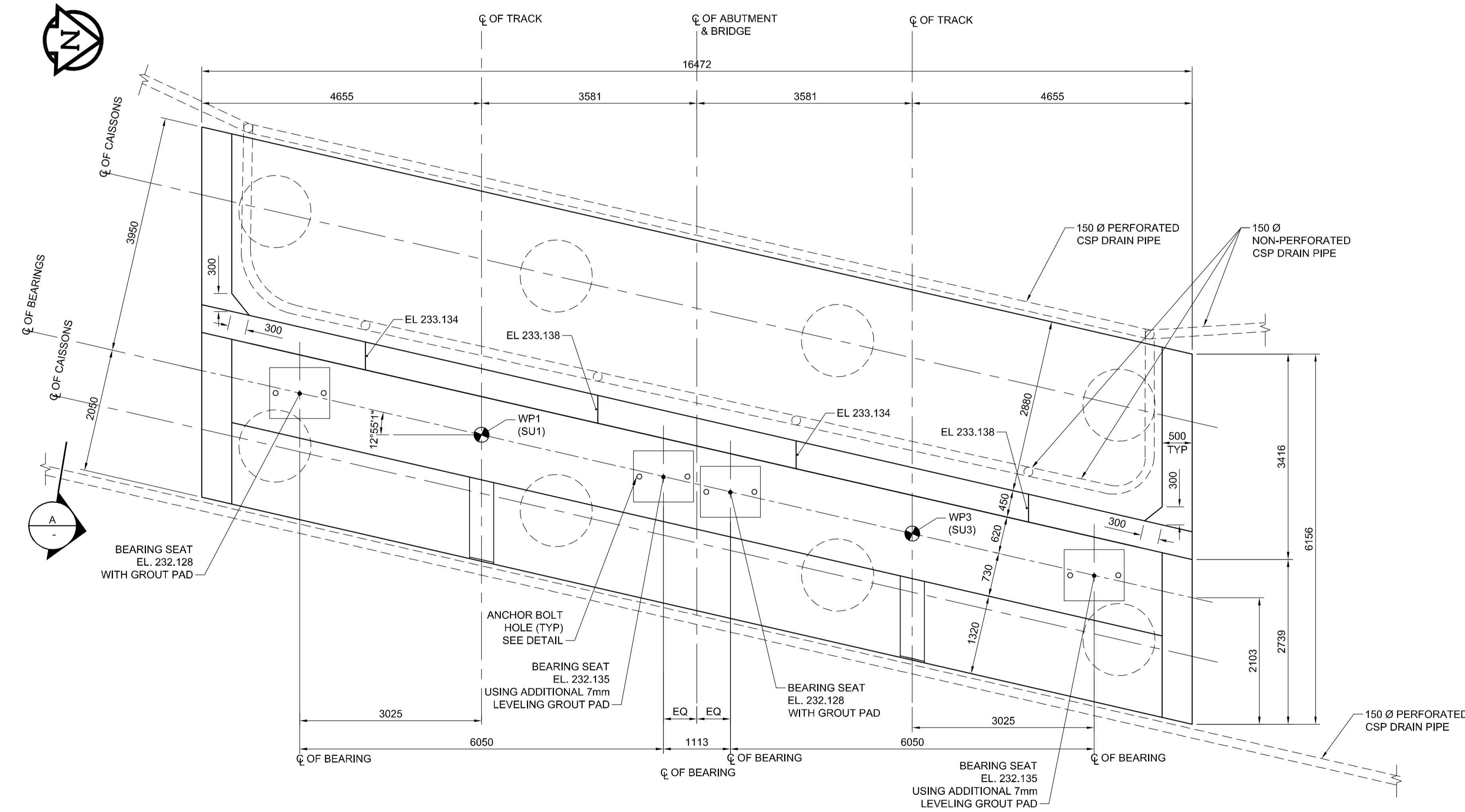


ELEVATION - ABUTMENT
Scale 1:50

A ELEVATION
Scale 1:50



PLAN - ABUTMENT
Scale 1:50

1 DETAIL
NTS

ANCHOR BOLT HOLE DETAIL
Scale 1:20

2 DETAIL
SCALE 1:10

ABUTMENT NOTES:

1. FOR GENERAL NOTES SEE SHEET CS-0001
2. FOR GEOTECHNICAL NOTES SEE SHEET CS-0002
3. FIELD CONFIRM ALL DIMENSIONS RELATED TO THE EXISTING STRUCTURES
4. RESOLVE WITH CONTRACT ADMINISTRATOR ALL DISCREPANCIES PRIOR TO START OF CONSTRUCTION
5. BELOW GRADE FACES OF ABUTMENT AND WINGWALL SHALL HAVE 2 COATS BAKOR-710-11, OR APPROVED EQUAL, DAMPPROOFING APPLIED.
6. BACKFILL MATERIAL SHALL BE TYPE 1 AS PER AREMA 2013 CHAPTER 8 CLAUSE 5.2.5
7. ALL EXPOSED EDGES SHALL BE GIVEN 20 X 20mm CHAMFERS

* ABUTMENT SU1 SHOWN, ABUTMENT SU3 SIMILAR UNLESS NOTED



LOCATION APPROVED UNDERGROUND STRUCTURES			
SUPV. 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.			
NO.	ISSUED FOR	DATE	BY
1	ISSUED FOR ADDENDUM	2014/01/06	DJH
0	ISSUED FOR TENDER	2013/11/21	KC
	REVISIONS		

B.M. ELEV.			
DESIGNED BY	DKD	CHECKED BY	CD/FT
DRAWN BY	DJH	APPROVED BY	EBL
HOR. SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	AS NOTED	DATE	2013-06-04

AECOM

ENGINEER'S SEAL
PROVINCE OF MANITOBA
ORIGINAL SIGNED BY
F. TABET
Member 38658
ON NOV 21, 2013
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
60273041-01-CS-102

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT

PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION CONTRACT 3

SU1 & SU3 ABUTMENT CONCRETE

CITY DRAWING NUMBER U238-2014-2012
SHEET 12 OF 37

CS-0012