

1 | LOWER LEVEL

BS-101 SCALE: 1 : 50

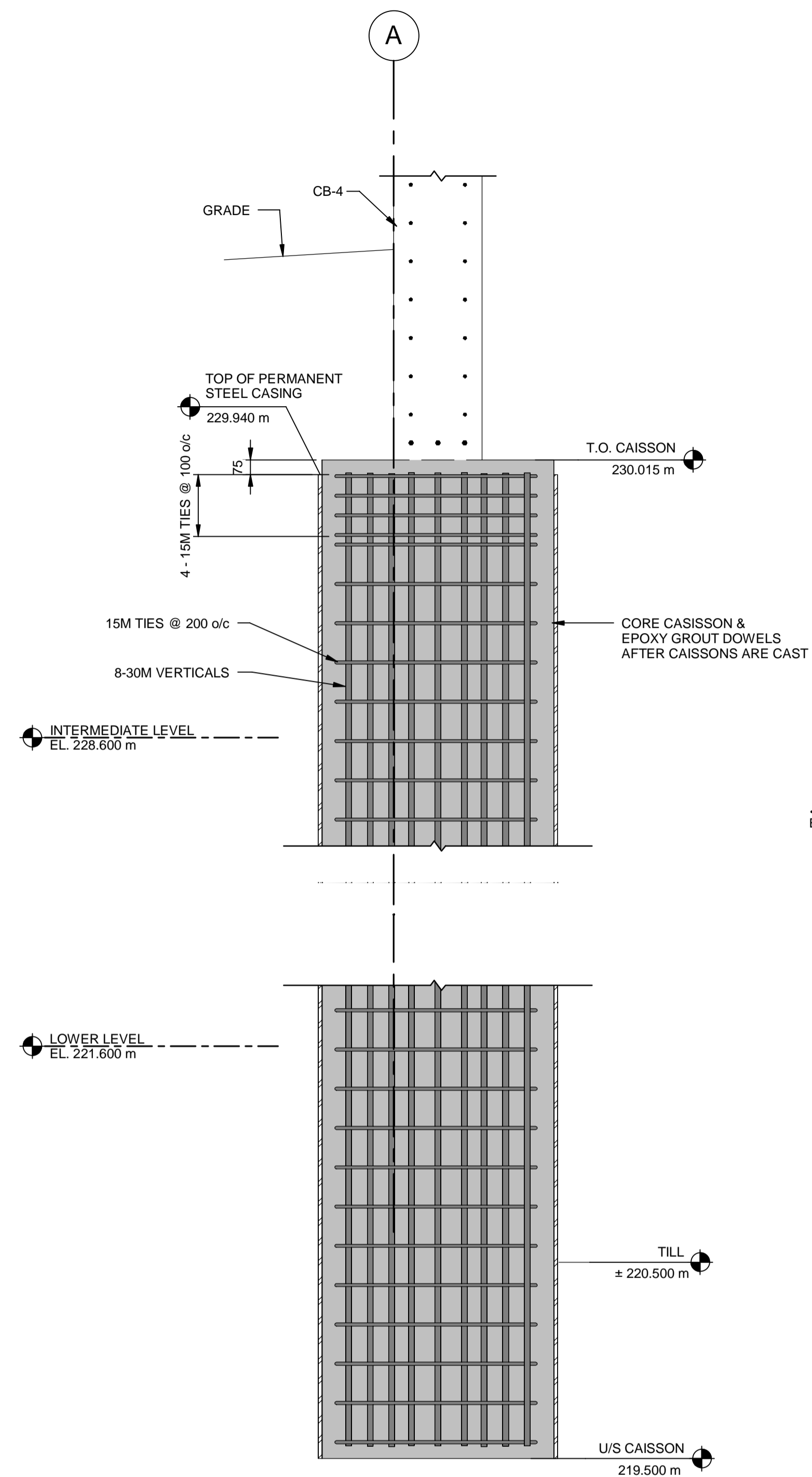
LOWER LEVEL DESIGN LOADS (UNFACTORED)		
DEAD LOADS	STRUCTURE SELF WEIGHT	
LIVE LOADS	MAXIMUM WATER LEVEL AT EL. 228.60m PUMP ROOM	7.0m LIQUID DEPTH 7.2 kPa
EARTH LOADS	LATERAL EARTH PRESSURE	(6+15H) kPa (H=DEPTH OF SOIL)
	SOIL UNIT WEIGHT	21 kN/m ³



UNDERGROUND STRUCTURES		B.M. ELEV.
SUPV. U/G STRUCTURES	DATE	
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.		
O	ISSUED FOR TENDER	17/01/09 KK
NO.	REVISIONS	DATE BY DATE

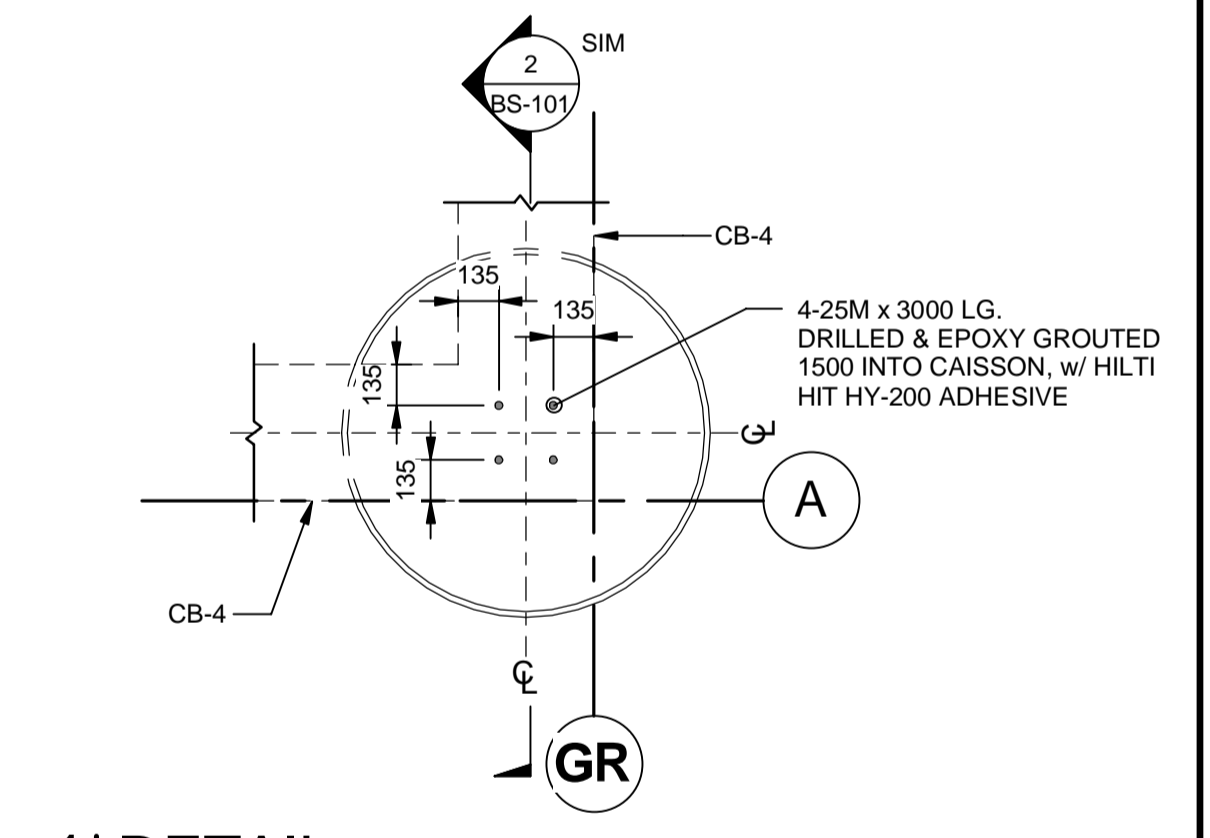
2 | SECTION

BS-101 REF: BS-101 SCALE: 1 : 20



3 | DETAIL

BS-101 REF: BS-101 SCALE: 1 : 20

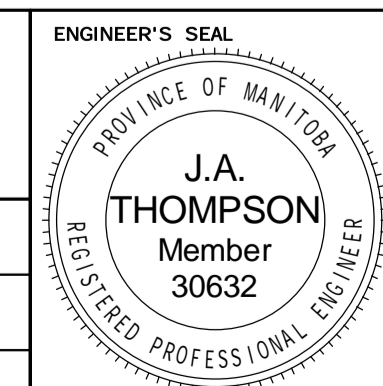


4 | DETAIL

BS-101 REF: BS-102 SCALE: 1 : 25

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



DESIGNED BY	KKJT	CHECKED BY	SBB
DRAWN BY	KK	APPROVED BY	AN
HOR. SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERTICAL			
DATE	06/01/2016	DATE	09/06/2016

CONSULTANT PROJECT NUMBER
60321148

WAVERLEY STREET UNDERPASS AT CN MILE 3.89 RIVERS SUB
CONTRACT 2: UNDERPASS STRUCTURE, RAILWORKS,
ROADWORKS, LAND DRAINAGE SEWER, PUMPING STATION
AND LANDSCAPING WORKS

**PUMPING STATION
LOWER LEVEL PLAN & DETAILS**

CITY DRAWING NUMBER: U-239-2016-C2-BS-101
SHEET 7 OF 16
CONSULTANT DRAWING NUMBER: C2-BS-101