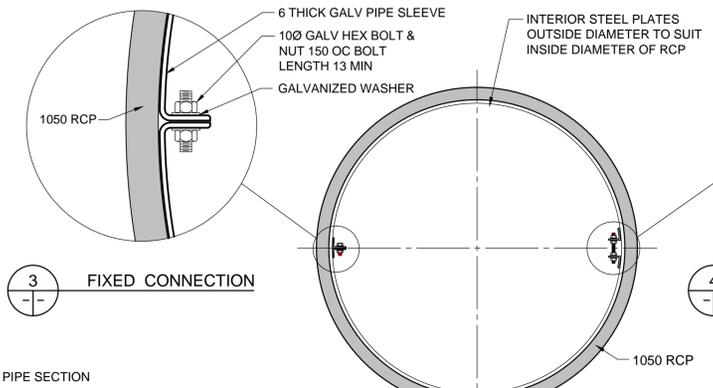
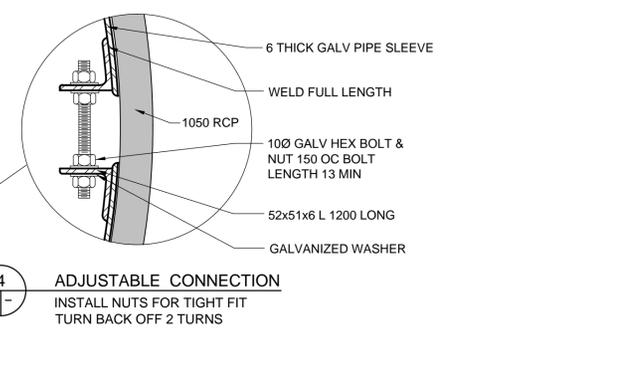


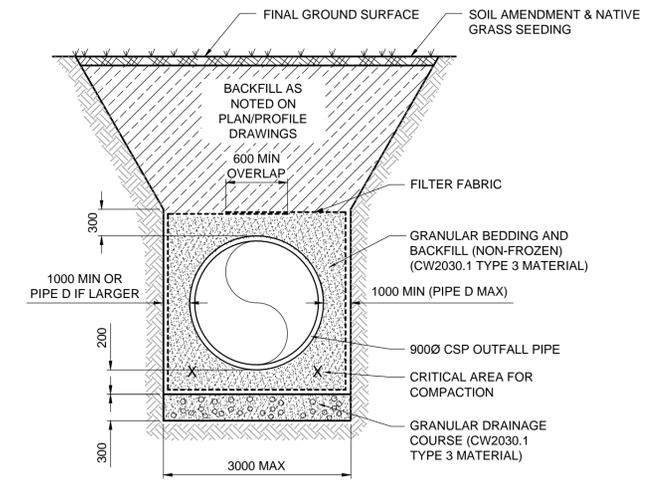
1 INTERNAL SLIP JOINT
1:25



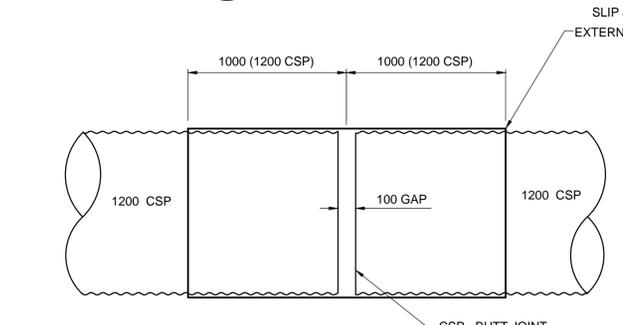
3 FIXED CONNECTION



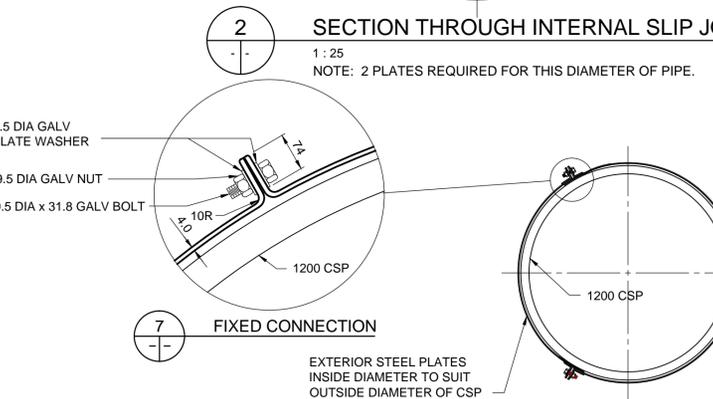
4 ADJUSTABLE CONNECTION
INSTALL NUTS FOR TIGHT FIT
TURN BACK OFF 2 TURNS



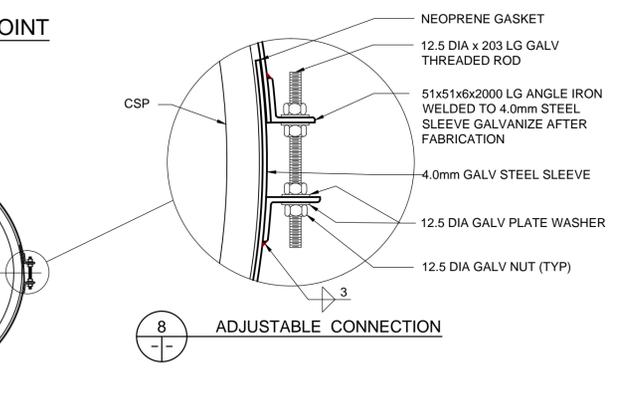
9 1200 CSP TRENCH
NTS



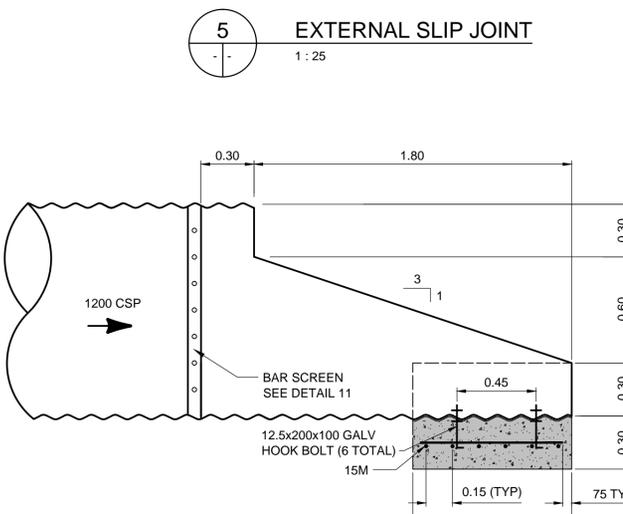
5 EXTERNAL SLIP JOINT
1:25



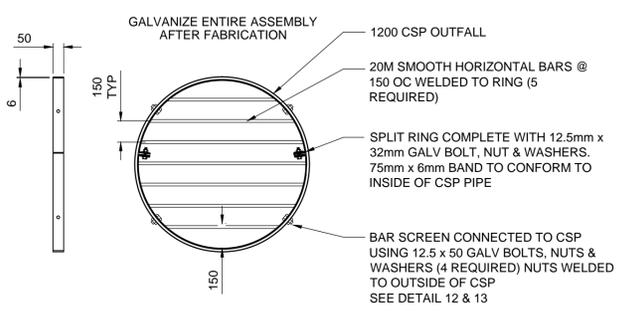
6 SECTION THROUGH EXTERNAL SLIP JOINT
1:25
NOTE: USE 2 OR 3 PLATES AS REQUIRED.



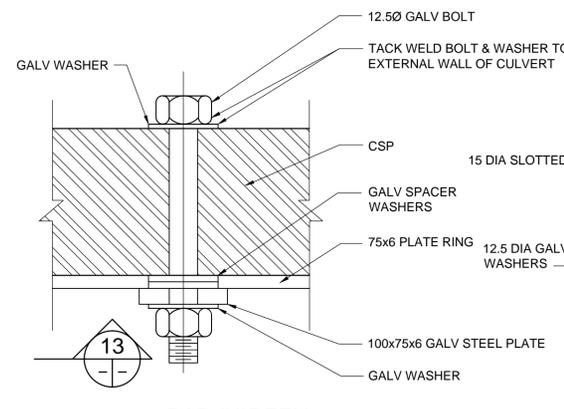
8 ADJUSTABLE CONNECTION



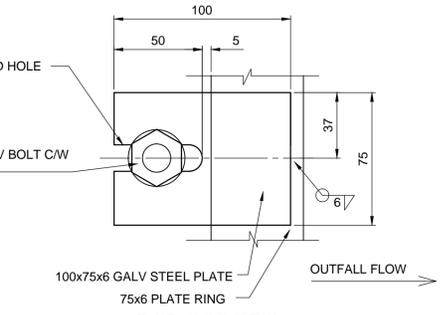
10 CULVERT STEP BEVEL & BALLAST BLOCK DETAIL
1:20



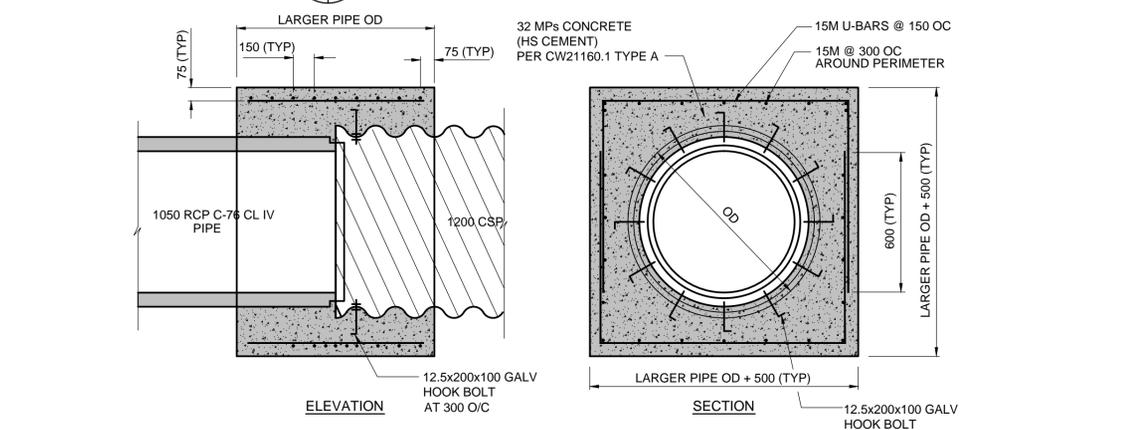
11 BAR SCREEN (FOR 1200 CSP)
NTS
GALVANIZE AFTER FABRICATION



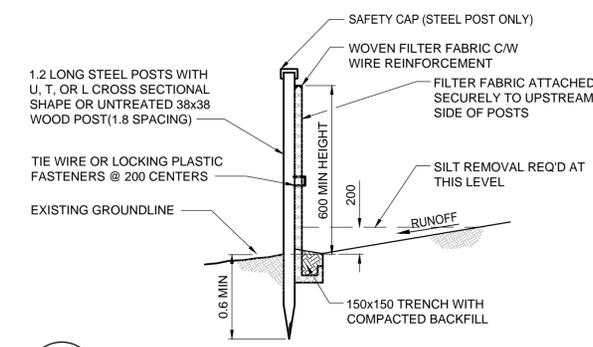
12 BAR SCREEN BOLTING DETAIL
NTS



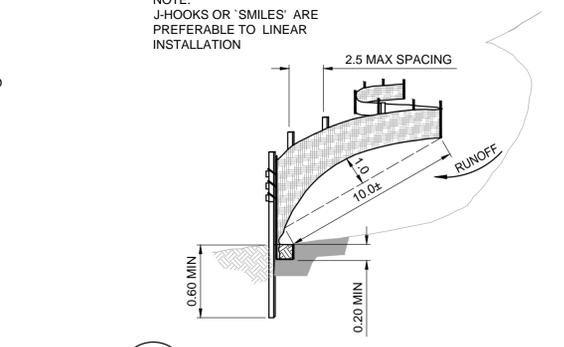
13 BAR SCREEN REMOVAL PLATE DETAIL
NTS



14 CONCRETE COLLAR
1:25



15 TYPICAL SILT FENCE DETAIL
1:25



16 TYPICAL FENCING PLACEMENT
NTS

B.M. CITY OF WINNIPEG 38-069 ELEV. 233.792m		TETRA TECH						THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT		FERRY ROAD AND RIVERBEND COMBINED SEWER RELIEF WORKS CONTRACT 5E-1 OUTFALL DETAILS		CITY DRAWING NUMBER LD-7982 SHEET 5 OF 5	
DESIGNED BY	KJM	CHECKED BY		CONSULTANT DRAWING NO.	1000120300-DWG-C0179			No. 5313 Date: April 30, 2017 BID OPPORTUNITY No. 965-2016					
DRAWN BY	GMD	APPROVED BY		HOR. SCALE: AS NOTED VERTICAL:									
00	ISSUED FOR TENDER	16.10.28	KJM	2016.10.19	RELEASED FOR CONSTRUCTION								
NO.	REVISIONS	DATE	BY	DATE	DATE								