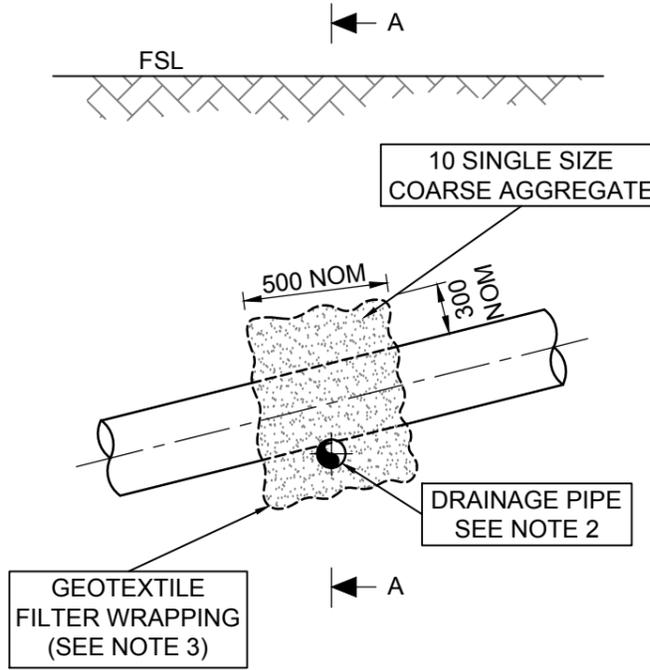
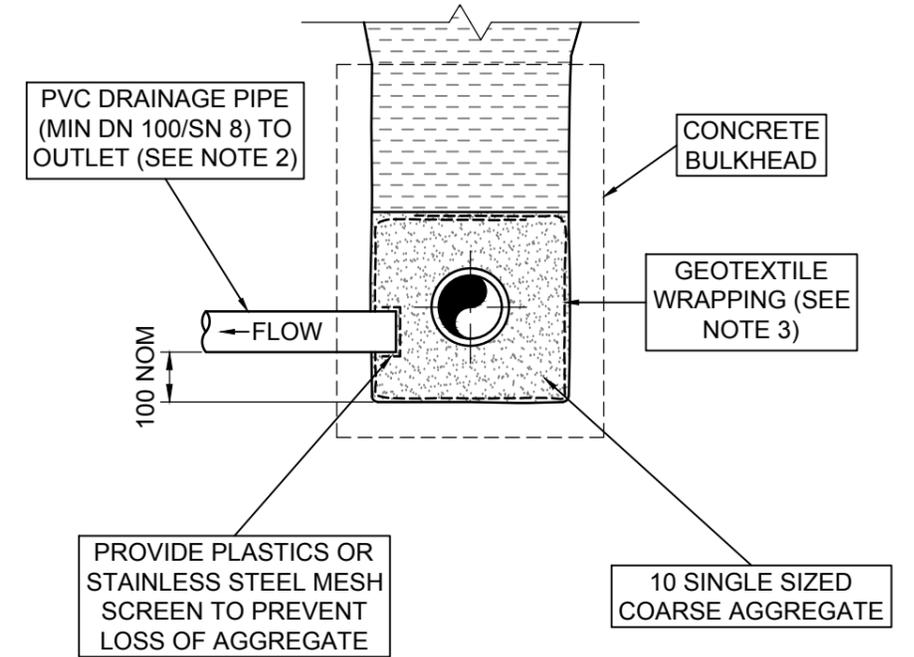


WSA FIGURE 9.18 TYPICAL TRENCH DRAINAGE DETAIL AT BULKHEAD

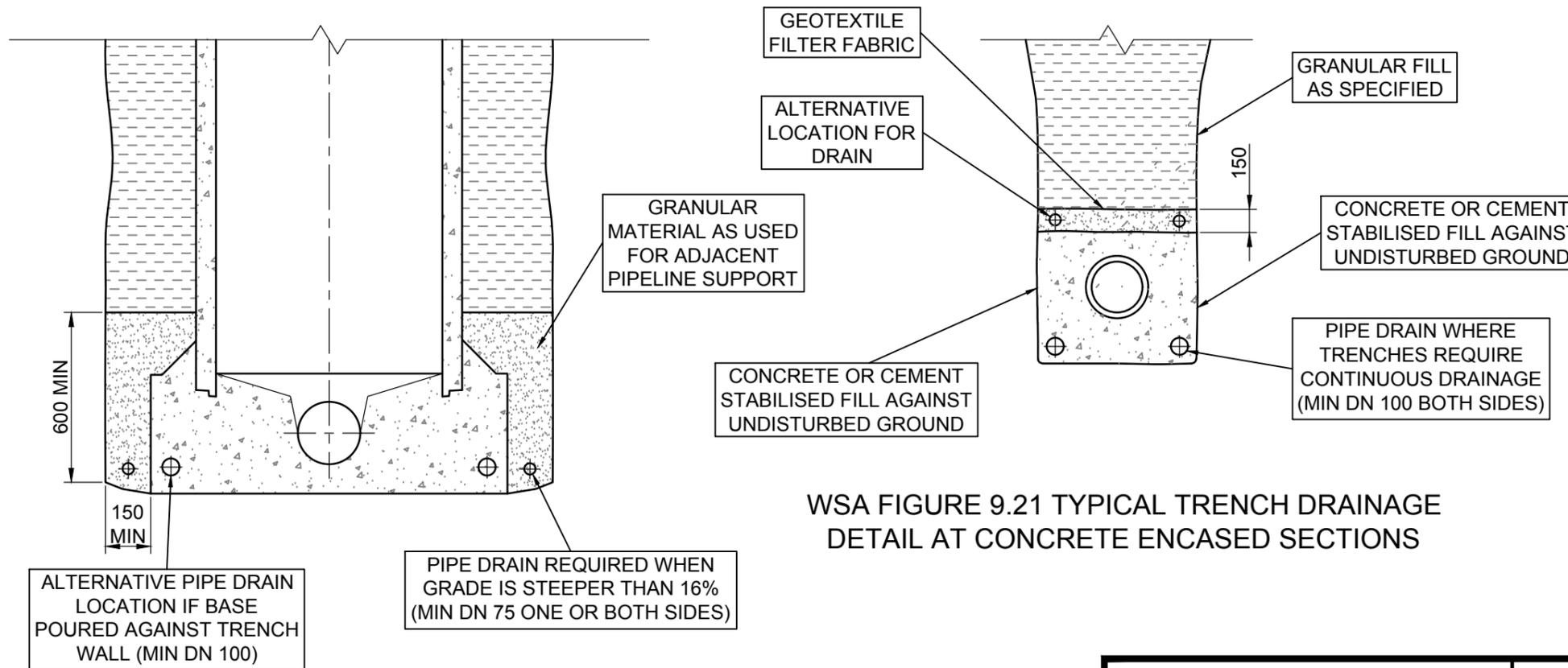


DRAINAGE SYSTEM WITHOUT BULKHEADS



DETAIL A-A

TYPICAL DISCHARGE SYSTEM FOR PIPE TRENCHES



WSA FIGURE 9.21 TYPICAL TRENCH DRAINAGE DETAIL AT CONCRETE ENCASED SECTIONS

WSA FIGURE 9.19 TYPICAL TRENCH DRAINAGE DISCHARGE

NOTES:

1. ALL DIMENSIONS IN MILLIMETERS
2. DRAINAGE PIPES TO DISCHARGE INTO AUTHORISED WATER DISCHARGE AREAS AS DETAILED IN DESIGN DRAWINGS
3. LAY GEOTEXTILE FABRIC IN TRENCH TO FULLY ENCAPSULATE THE DRAINAGE MATERIAL (COARSE AGGREGATE). PROVIDE MINIMUM OF 250 LAP AT ALL FILTER FABRIC JOINTS. USE DRAINAGE SYSTEMS AS SPECIFIED WHERE SEWER IS LAID AT A GRADE OF $\geq 16\%$
4. PROVIDE CONTINUOUS DRAINAGE PATH
 - THROUGH BULKHEADS
 - AROUND MAINTENANCE STRUCTURES
 - IN TRENCH EXCAVATIONS ACROSS ROADWAYS

WSA FIGURE 9.22 TYPICAL TRENCH DRAINAGE AROUND MHS

Armidale <i>Dept of Public Infrastructure</i> Regional Council	SCALES	APPROVED	D. MAUNDER	31/08/2016	SHEET 1 OF 1
	NTS	MANAGER ENGINEERING AND STANDARDS SUPPORT		DATE	
SEWER TRENCH DRAINAGE TYPICAL SYSTEMS		SURV	AS SHEET SIZE	DRAWING No	AMDT No
		DRWN	ST	010-040	
		DES			
		CHKD	MW	CADFILE 010-040.dwg	DATE 31/08/2016