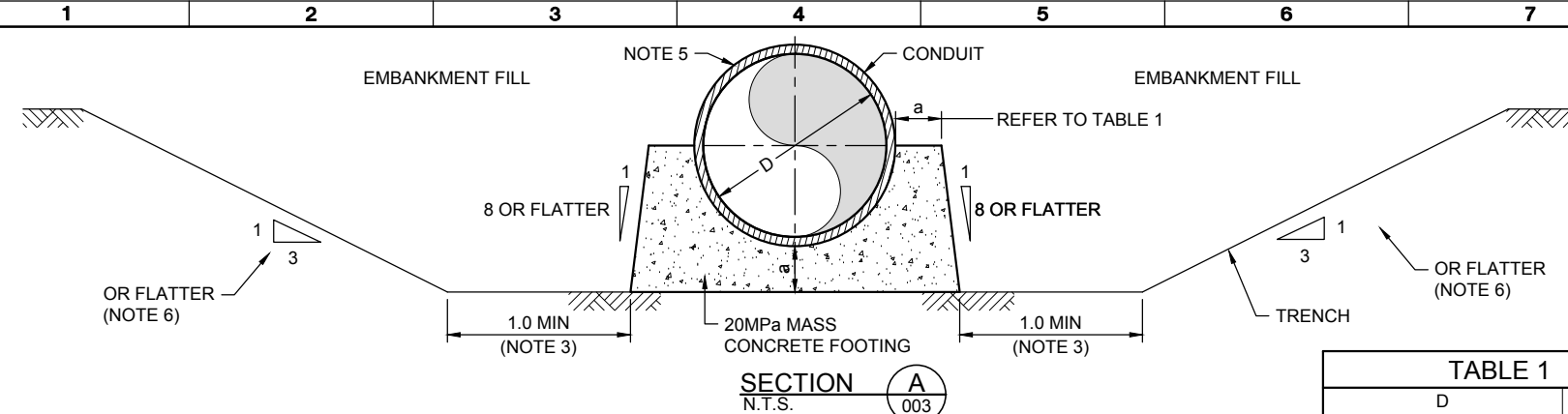
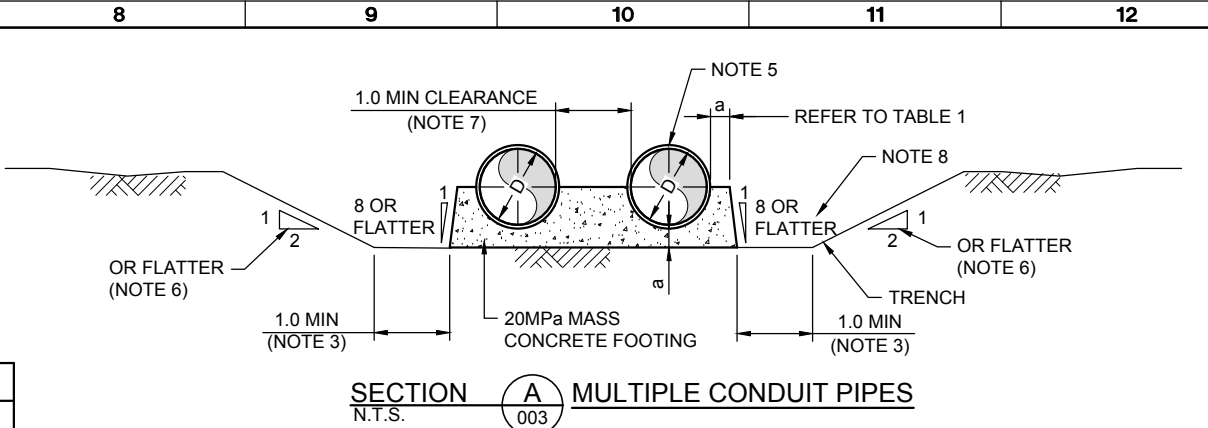


7251/11/004  
MVC DRAWING NUMBER  
CODE

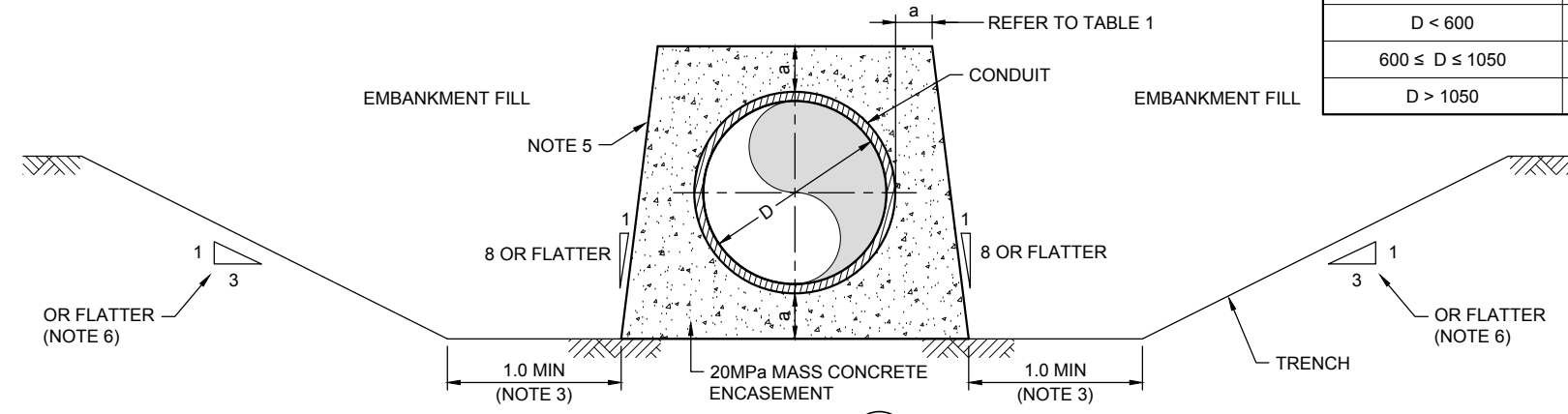


SECTION A  
N.T.S. 003

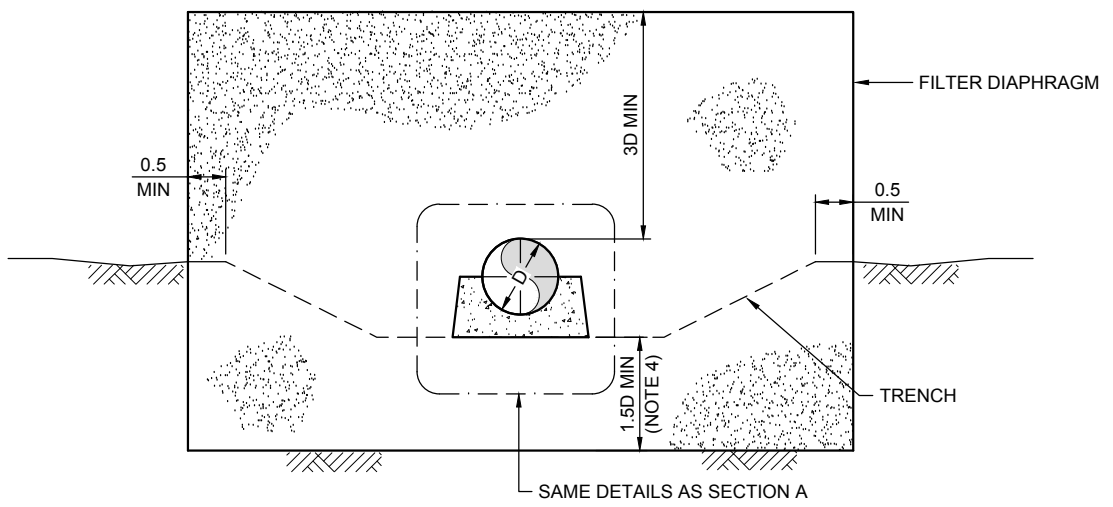
TABLE 1	
D (CONDUIT DIAMETER) mm	a (mm)
D < 600	200
600 ≤ D ≤ 1050	300
D > 1050	400



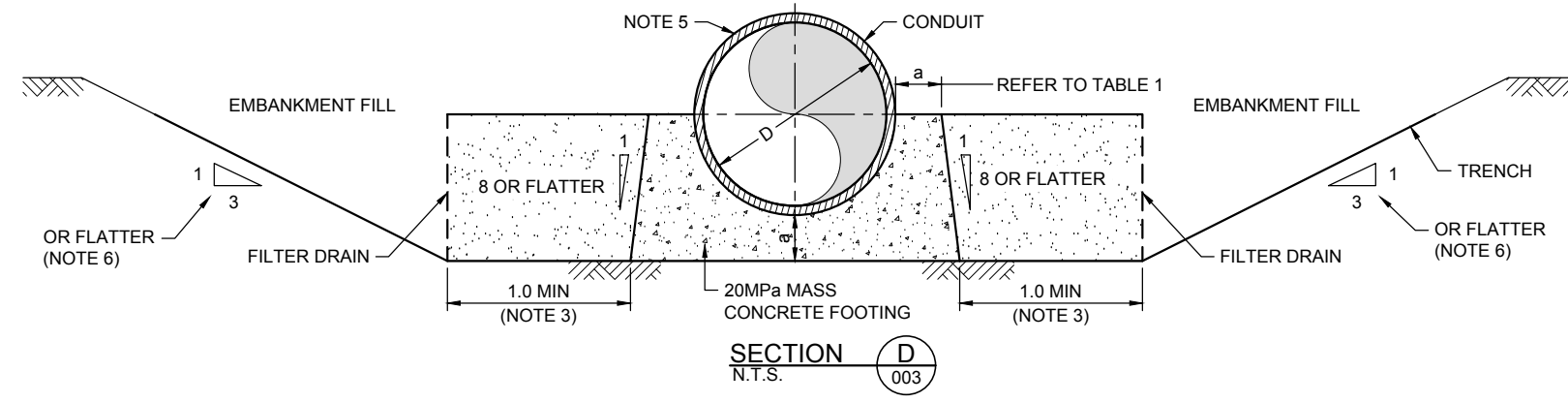
SECTION A  
N.T.S. 003 MULTIPLE CONDUIT PIPES



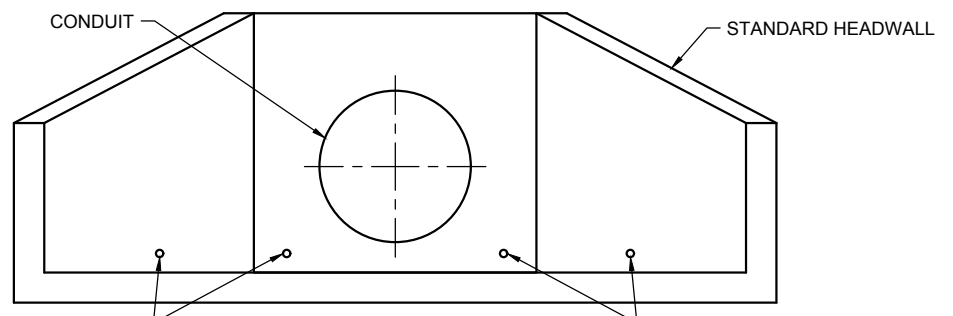
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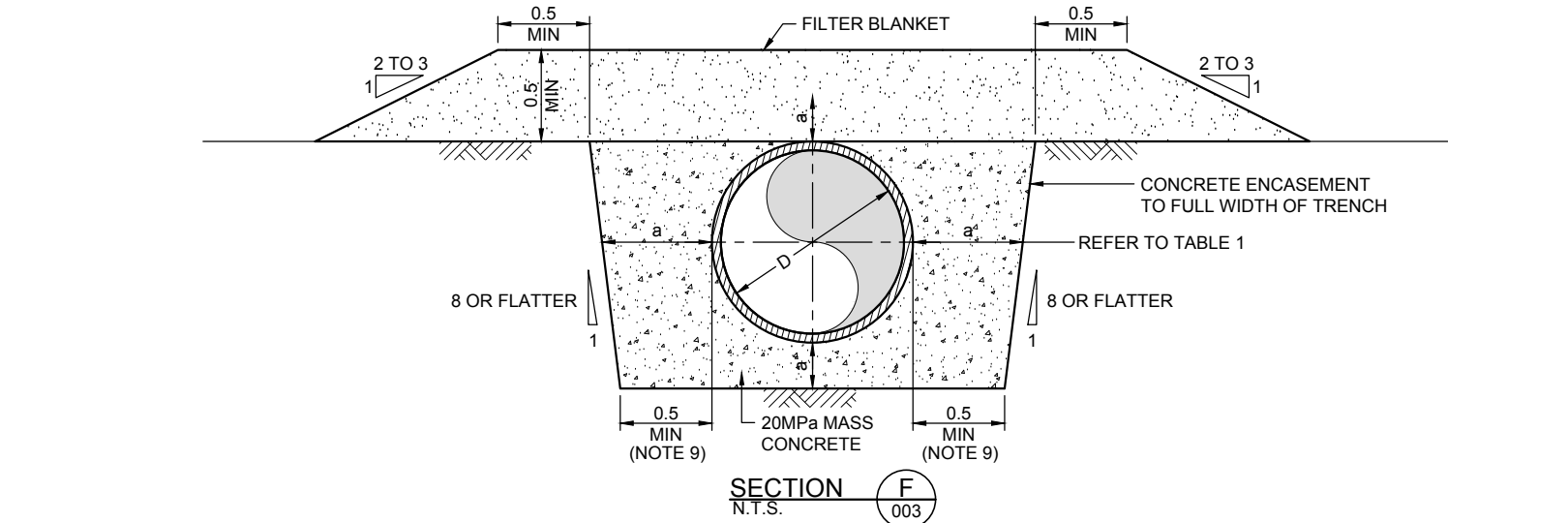
SECTION C  
N.T.S. 003



SECTION D  
N.T.S. 003



SECTION E  
N.T.S. 003



SECTION F  
N.T.S. 003

**NOTE:**

- REFER TO DRAWING 7251/11/001 FOR GENERAL NOTES.
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SPECIFIED
- WIDTH TO BE SUFFICIENT TO ALLOW PROPER COMPACTION OF EMBANKMENT/SHOULDER FILL.
- EXTEND FILTER DIAPHRAGM A MINIMUM OF 1.5D BELOW BOTTOM OF TRENCH OR DOWN TO NON-ERODIBLE ROCK FOUNDATION.
- EMBANKMENT FILL WITHIN 1m OF CONDUIT OR CONCRETE ENCASUREMENT TO BE BETWEEN 2% AND 4% WET OF STANDARD OPTIMUM MOISTURE CONTENT AND COMPACTED TO A MINIMUM DRY DENSITY RATIO OF 98% OF STANDARD MAXIMUM DRY DENSITY.
- CONSIDER FLATTER SLOPE (4H:1V OR 3H:1V) IN HIGHLY COMPRESSIBLE, HIGHLY ERODIBLE OR DISPERSIVE SOILS.
- WHERE CLEARANCE REQUIREMENT CANNOT BE ACHIEVED BETWEEN ADJACENT PARALLEL PIPES FULL CONCRETE ENCASEMENT FOR FULL LENGTH OF CONDUITS CAN BE CONSIDERED AND THE CLEARANCE REQUIREMENT RELAXED.
- SAME FILTER ARRANGEMENT REQUIRED AS FOR SINGLE CONDUIT I.E. PROVISION OF FILTER DIAPHRAGM AND FILTER DRAIN.
- TRENCH EXCAVATION BATTER AND WIDTH FOR CONDUITS BELOW GROUND IN ROCK SHALL CONSIDER SAFETY IN DESIGN BEFORE COMMENCING EXCAVATION WORKS.

Plotted: 9/22/2017 7:54:03 AM File Name: C:\Users\lham.brimmer\Desktop\Ringwood NH\26-SHEET\7251-11-004.dwg

REV	DESCRIPTION	COMPANY	PROJECT	DRAWN	CHECKED	APPD	DATE
A	MW GUIDELINES FOR FLOOD RETARDING BASINS	AECOM					08.02.17



AECOM Australia Pty Ltd  
A.B.N 20 093 846 925  
www.aecom.com

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Melbourne Water			
DRAFTER LBB	DESIGNER CP	DESIGN MANAGER APPROVAL	PROJECT MANAGER APPROVAL
DRAFTING CHECK	ENGINEERING REVIEW MF		

TITLE MELBOURNE WATER CORPORATION - EMBANKMENTS DESIGN GUIDANCE DRAWING RETARDING BASIN AND LEVEE EMBANKMENTS FILTER DIAPHRAGM TYPICAL SECTIONS			
PROJECT DATUM NA	Original Size <b>A1</b>	MELBOURNE WATER CORPORATION	
SCALE AS SHOWN		7251/11/004	A
		MVC DRAWING NUMBER	REV