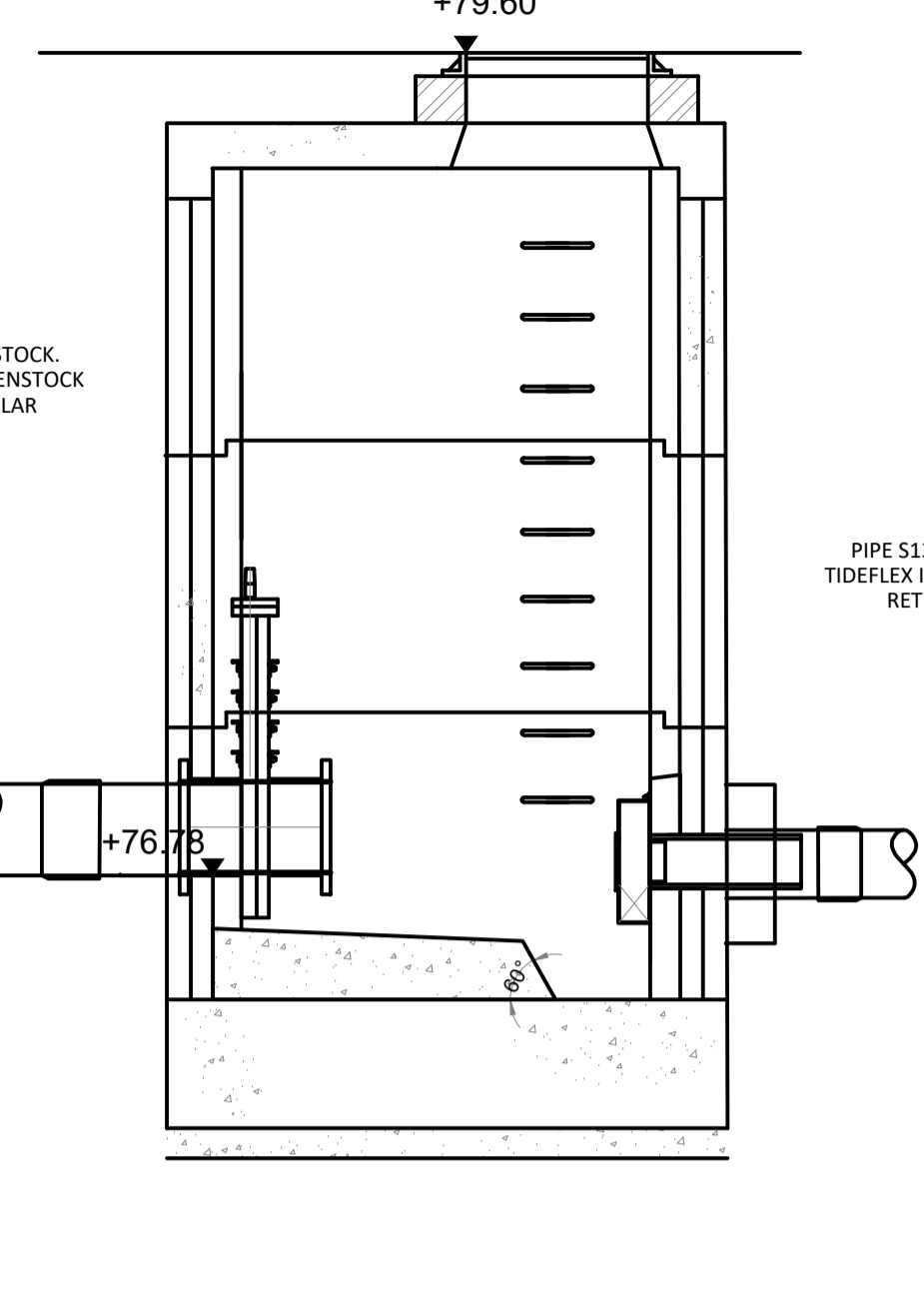
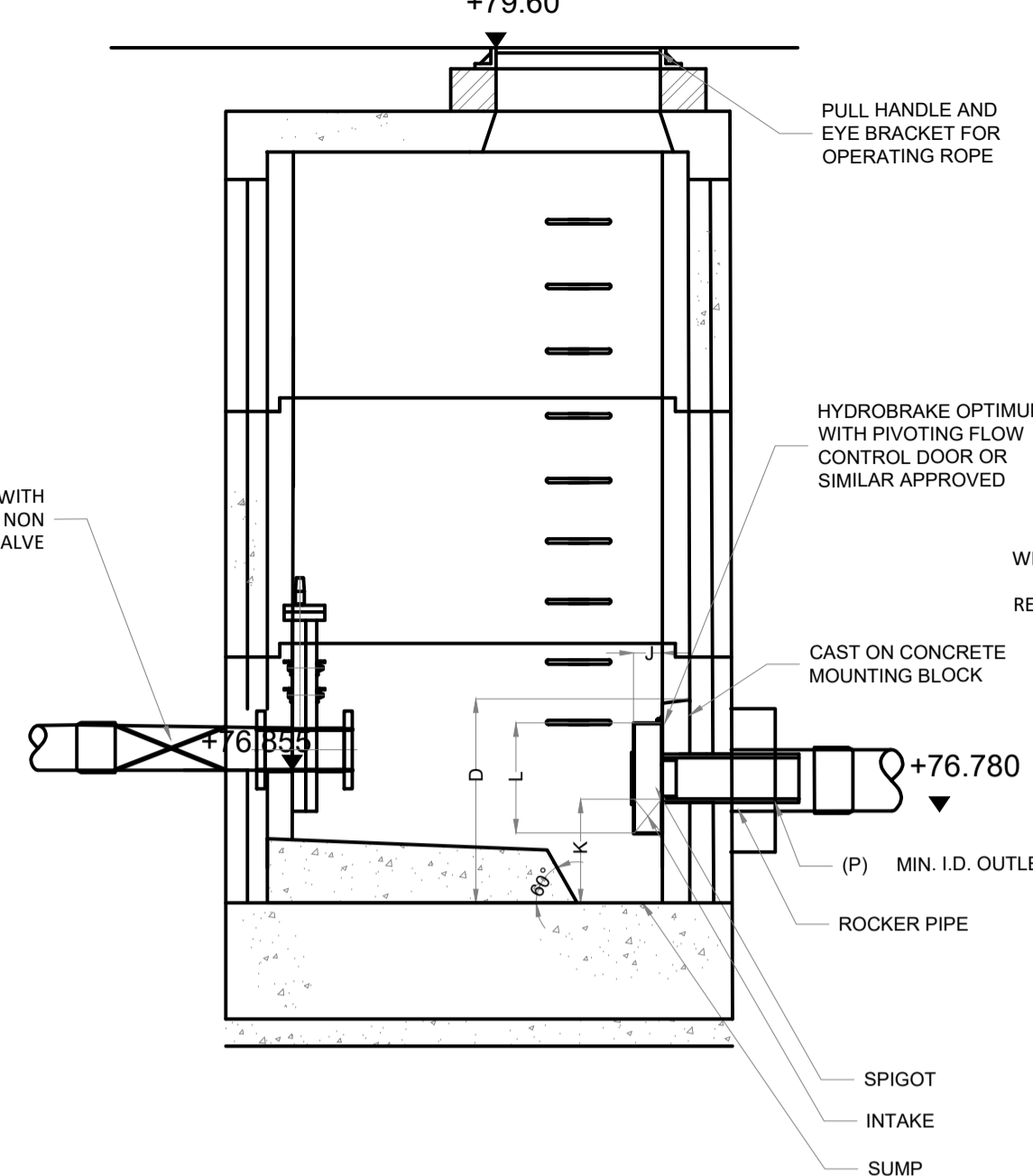


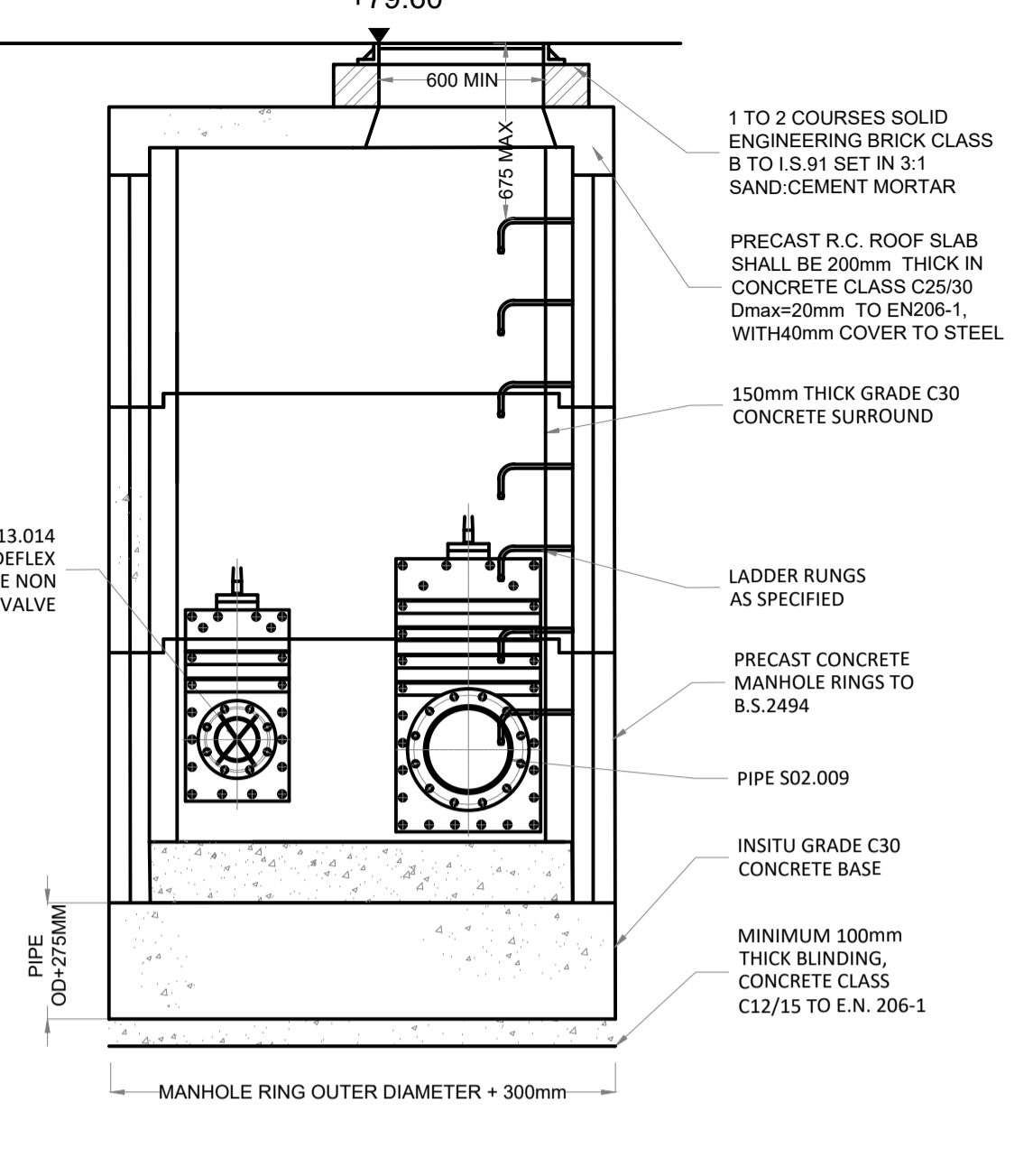
**HYDROBRAKE PLAN**



**HYDROBRAKE SECTION A-A**



**HYDROBRAKE SECTION B-B**



**HYDROBRAKE SECTION C-C**

TABLE NO. 2

DIA. OF PIPE (mm)	LENGTH OF ROCKER PIPE (mm)
150-600	600
675-750	1000
>750	1250

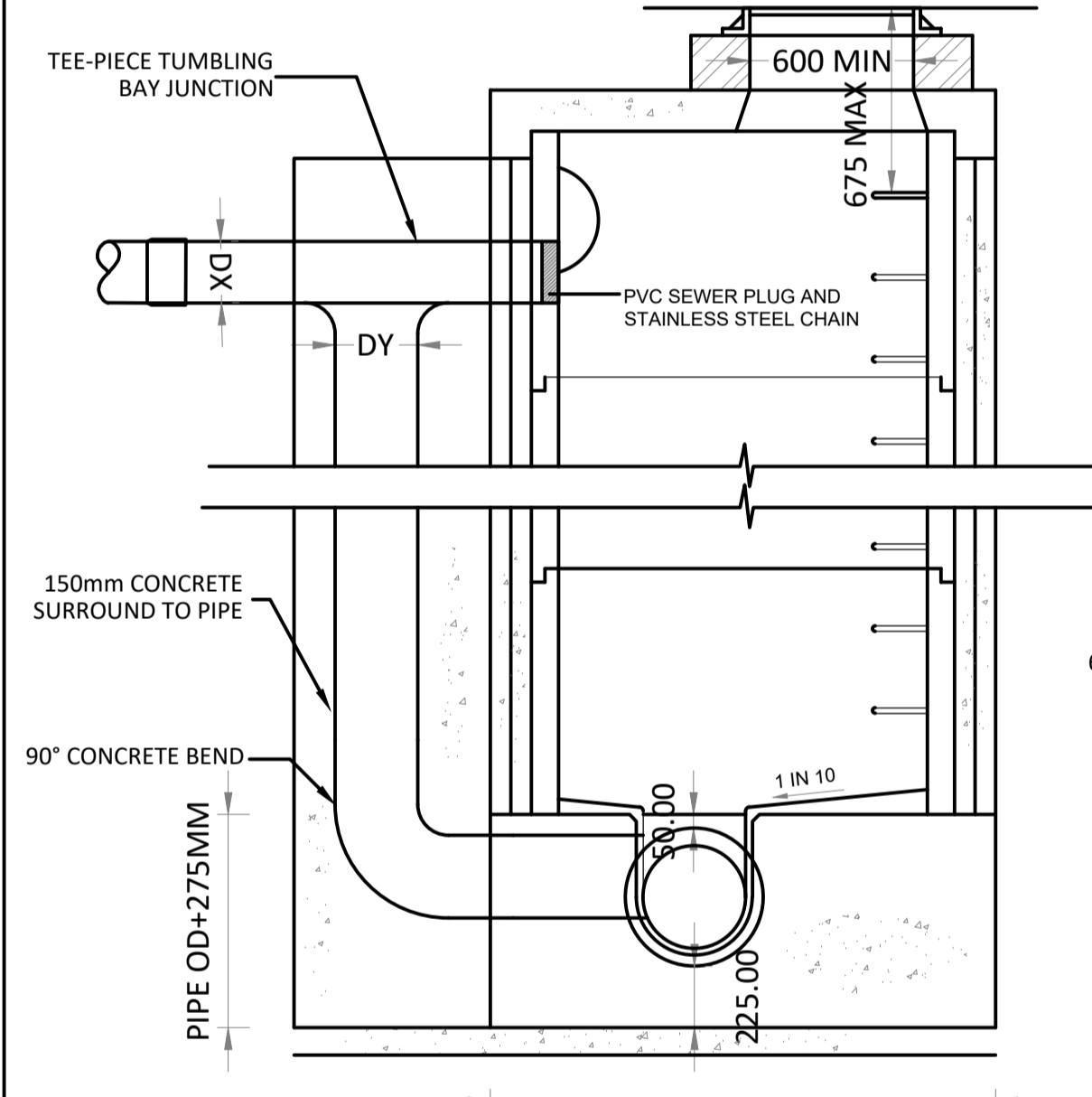
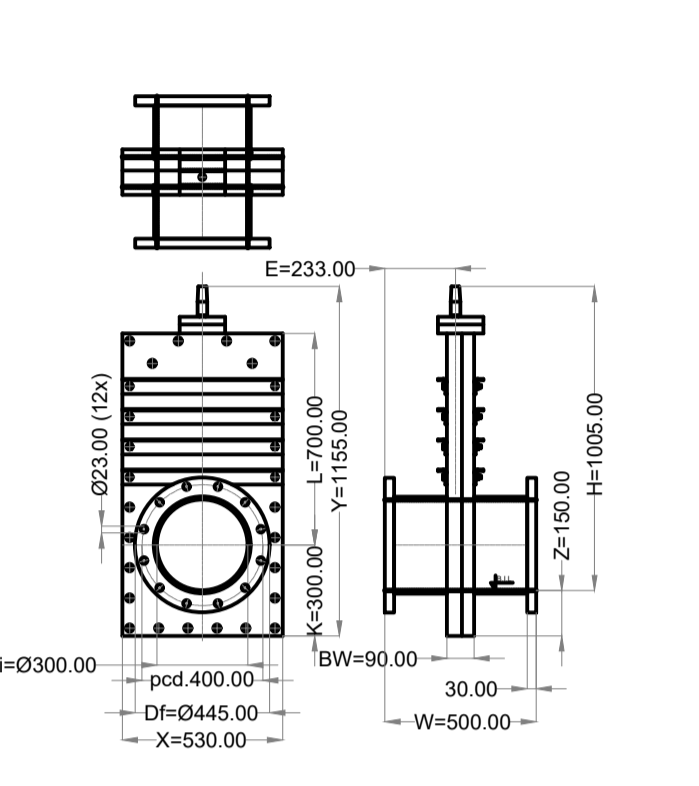
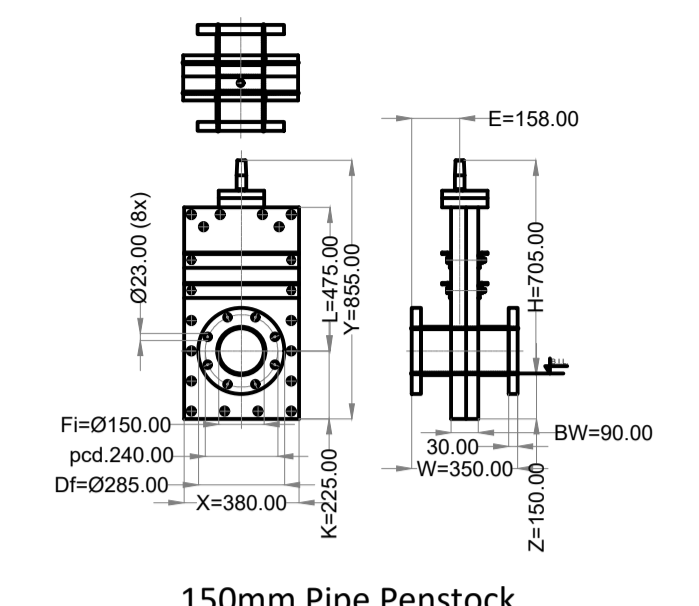
TABLE NO.3

Diameter of Incoming Pipe (mm)	Diameter of Backdrop Pipe (mm)
100	100
150	150
225	300
300	375
375	375
450	450
525	450
600	450
750	600

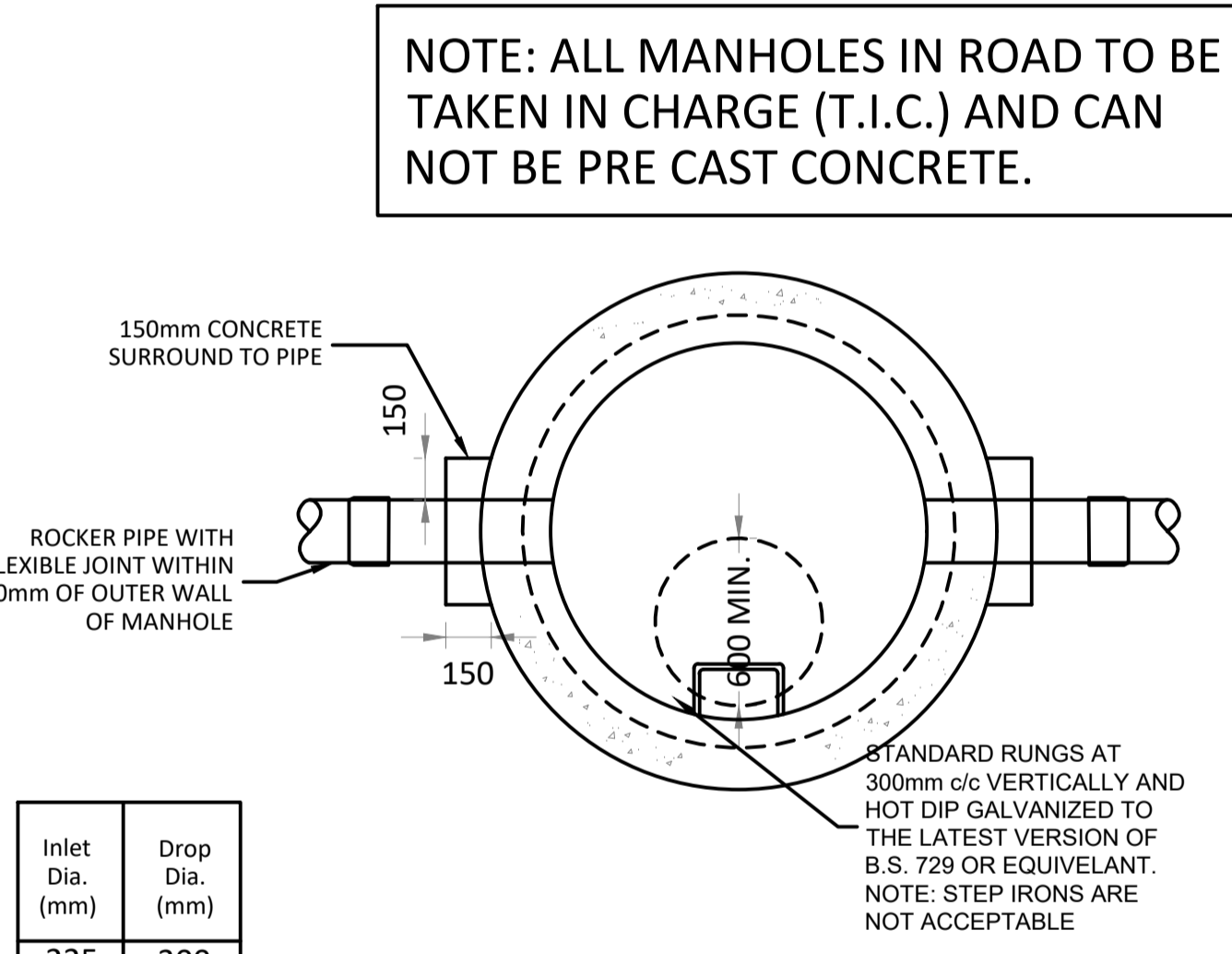
HYDROBRAKE OPTIMUM MODEL No. SHE-0097-5900-2220-5900

Technical Specification	Head (m)	Flow (l/s)
Control Point	2.220	5.360
Design Point	0.425	4.770
Flash Flow	0.868	3.811
Mean Flow Overhead Range		4.618

Physical Specification	
Min. Block Width (L)	795mm
Min. Block Height (D)	940mm
Min. Sump Depth (K)	375mm
Min. Sump Width (J)	210mm
Min. Outlet Diameter (P)	970

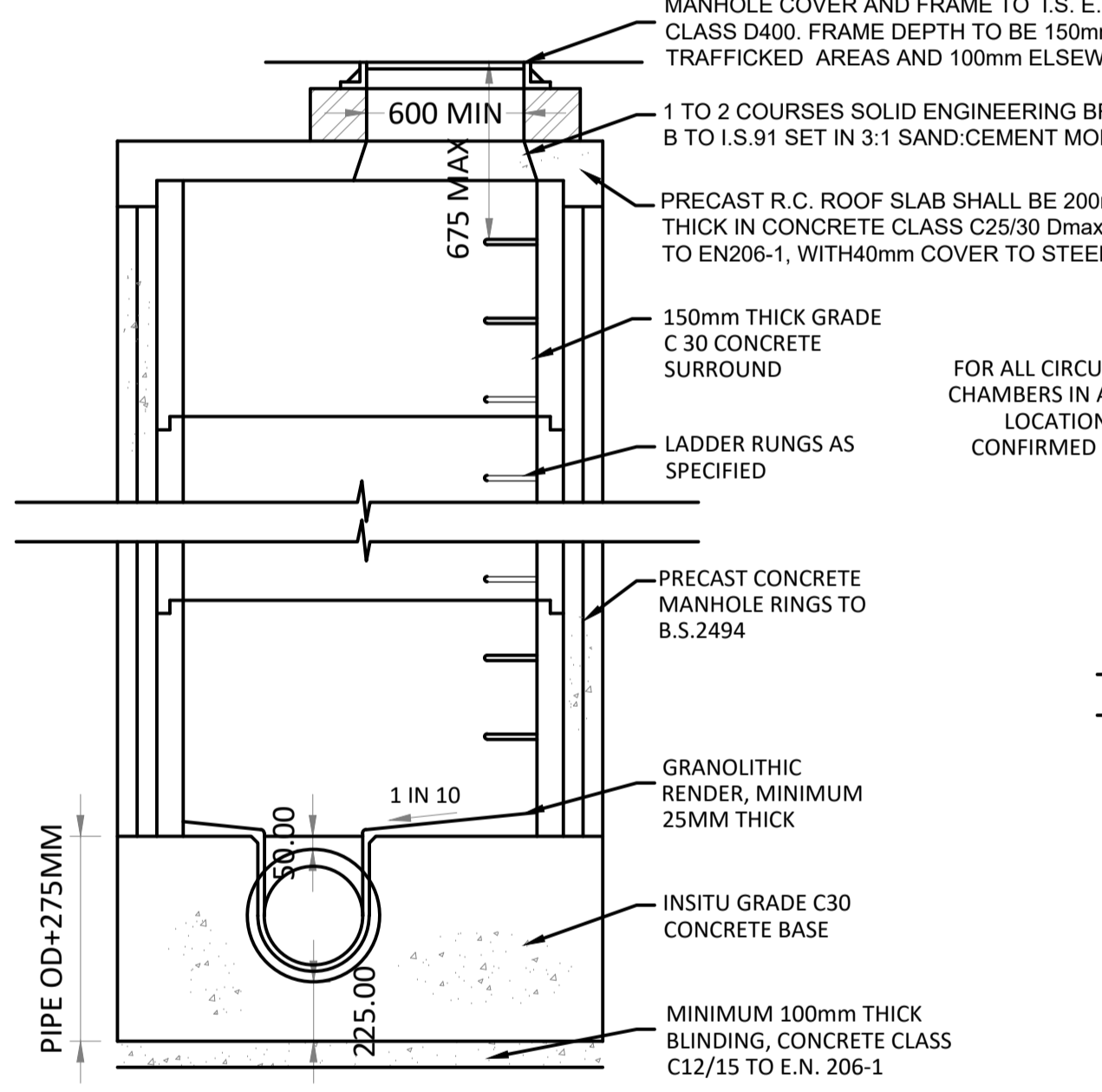


**PRECAST BACKDROP**



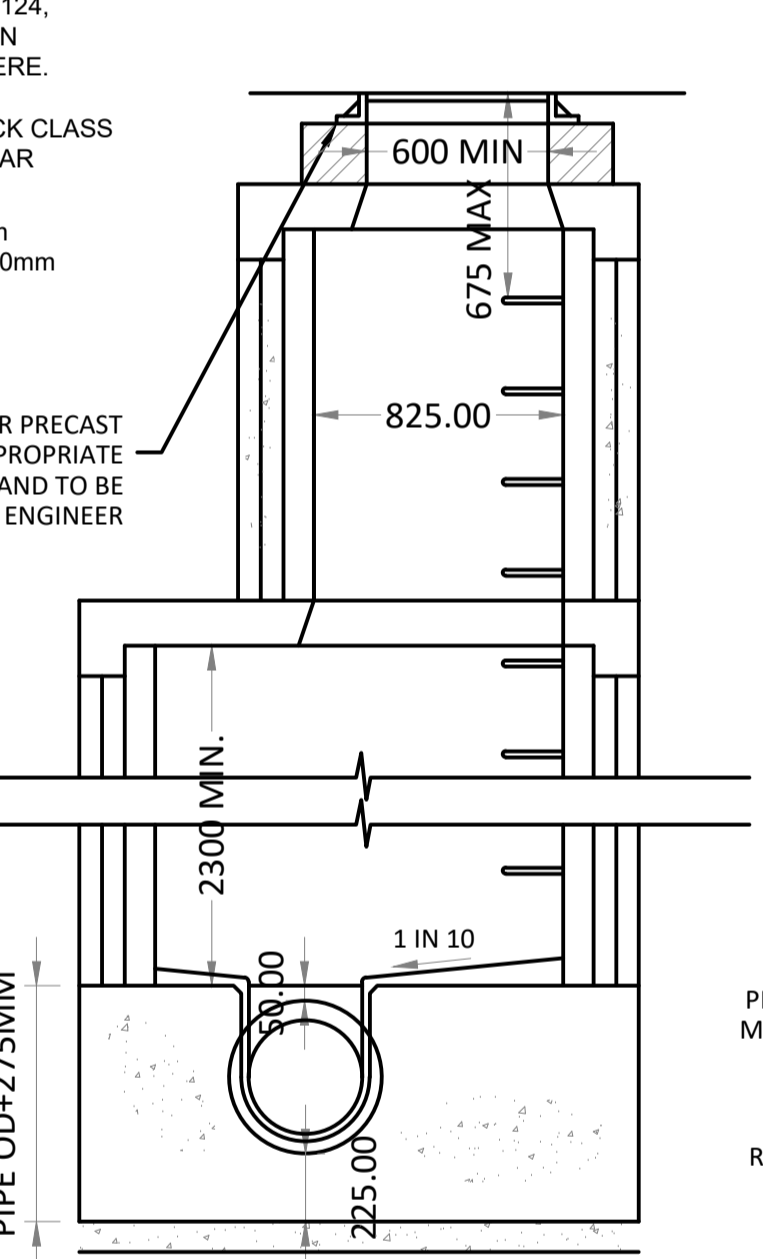
**PRECAST MANHOLE PLAN**

Inlet Dia. (mm)	Drop Dia. (mm)
225	300
300	375
375	375
450	450
525	450
600	450
750	600



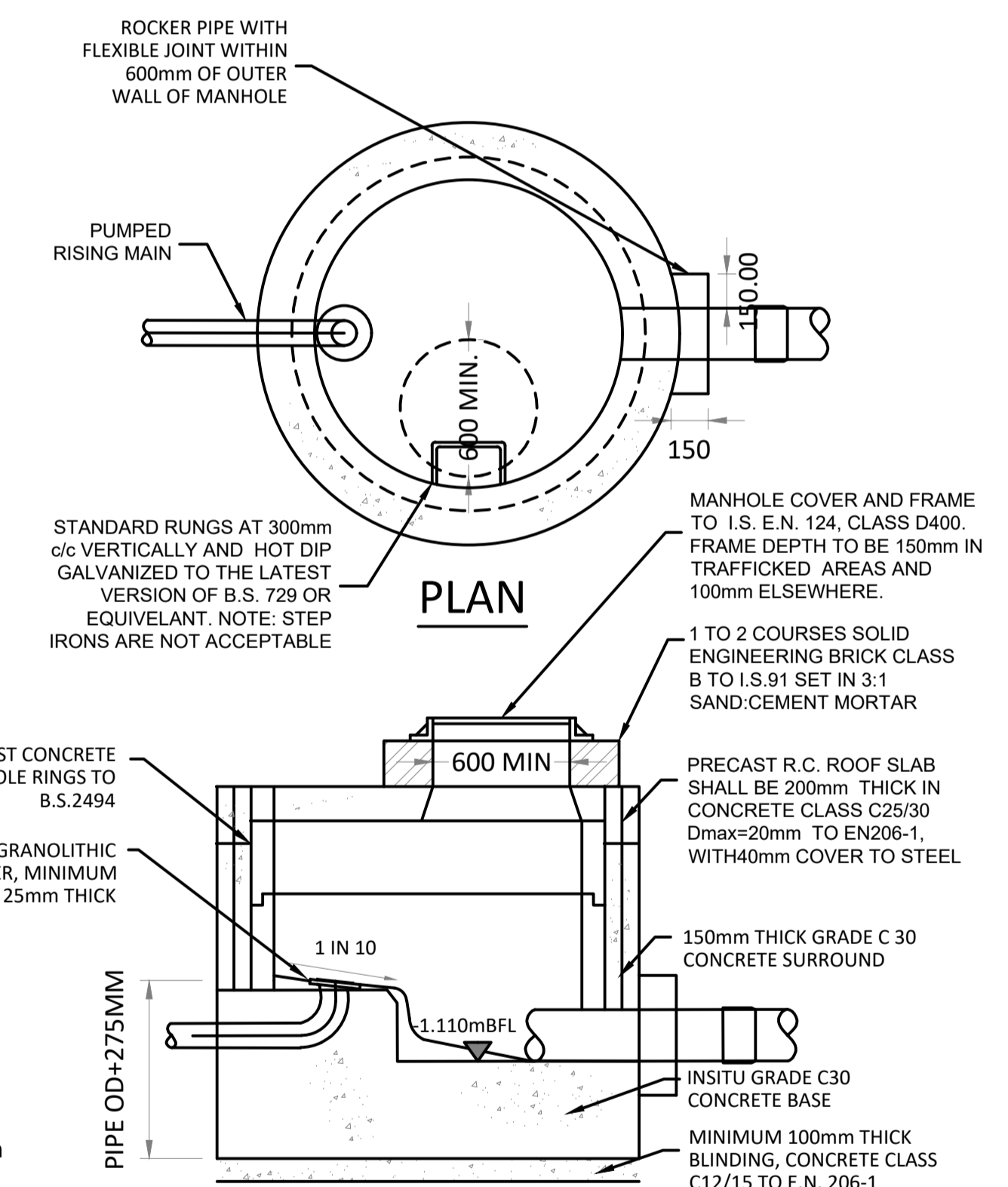
**PRECAST MANHOLE**

FOR PIPE DIA. 225 - 300 & DEPTH TO INVERT 2.7m TO 3.0m

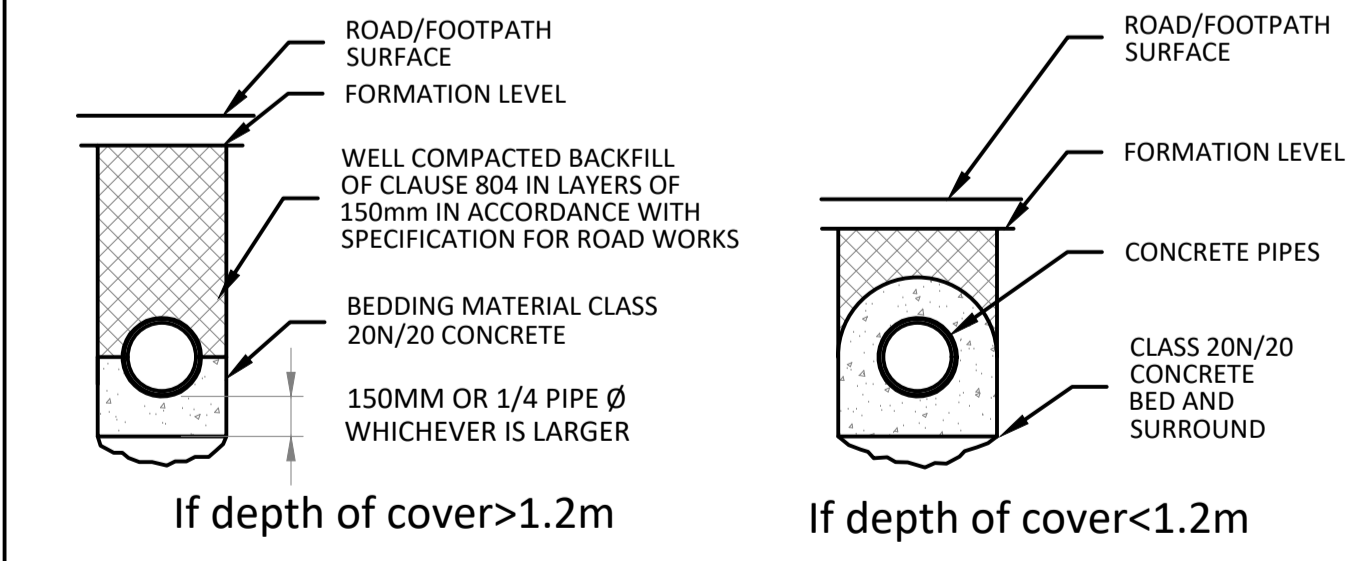


**PRECAST MANHOLE**

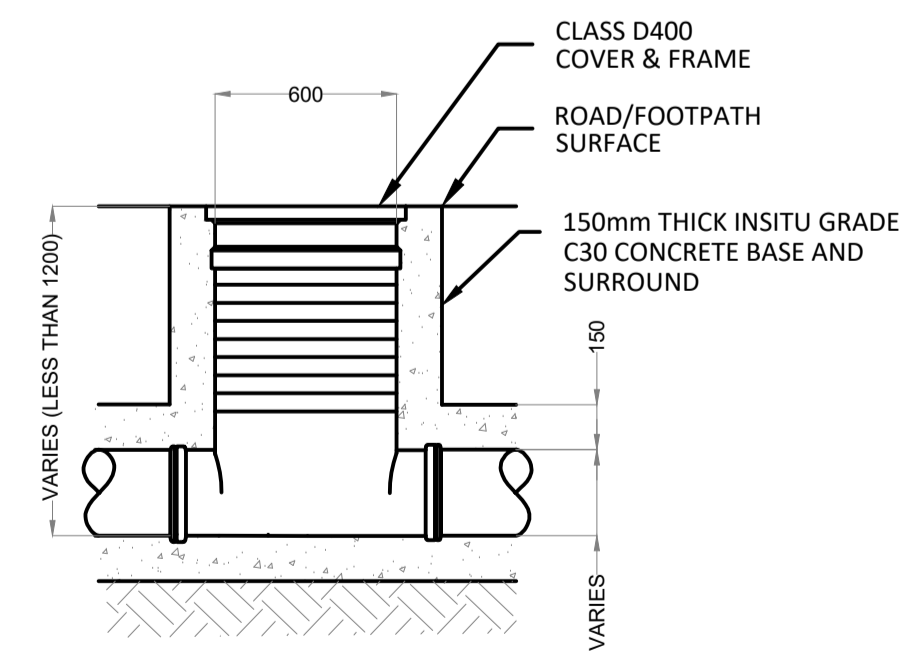
FOR PIPE DIA. 225 TO 450 & DEPTH TO INVERT 3m TO 6m



**PRECAST STANDOFF MANHOLE**



**ROAD & FOOTPATH PIPE BEDDING DETAILS**



**CHAMBER BEDDING DETAIL**

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C01	19.07.19	PAC SUBMISSION	JB	AH					
C02	19.11.2019	SCALE COMPLETE - PLANNING	MK	PR					



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Client: Sandyford GP Limited.  
Project: Sandyford Central  
Title: DRAINAGE DETAILS  
Code Originator Zone Level Type Role Number Status Revision  
SFC · OCSC · 00 · XX · DR · C · 0515 A1 C02  
Date: 17.07.19 Scale:n.t.s. @ A1 Drn by:JB Chkd by:AH Aprvd by:MMCG