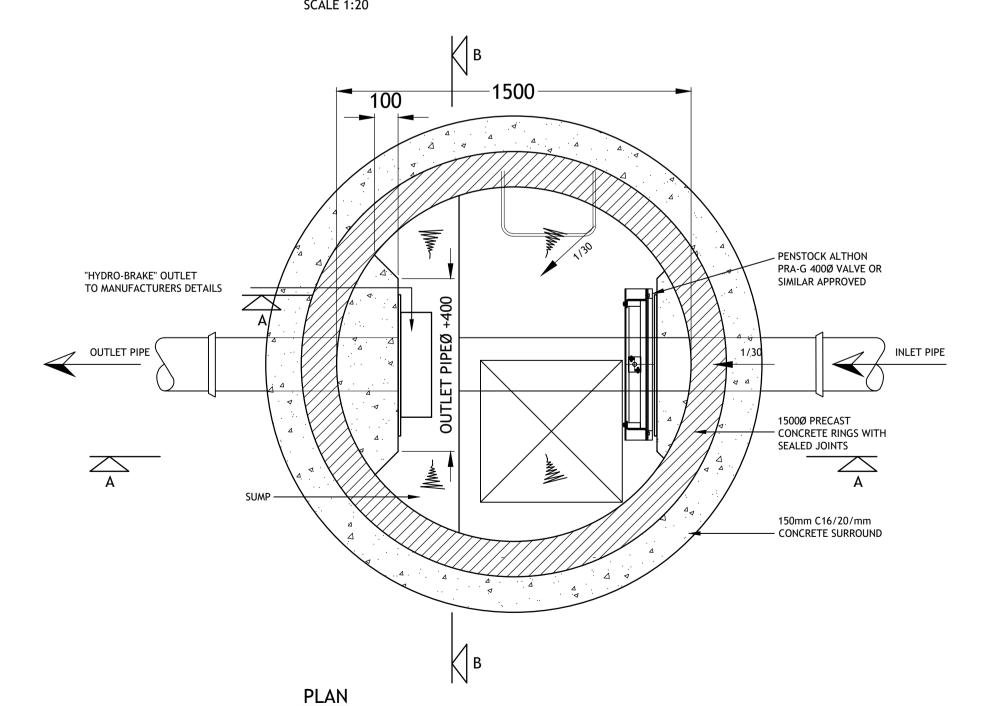


SECTION A-A



- TABLE M1 INTERNAL DIAMETER OF MANHOLES DIAMETER OF LARGEST INTERNAL DIAMETER PIPE IN MANHOLE OF MANHOLE (mm) LESS THAN 375 1200 375 - 750 1500 750 - 900 1800 > 900 CONSULT LOCAL **AUTHORITY** NOTE:
- DEPTH TO SOFFIT IS 1.35 1.5m TABLE M2 - ROCKER PIPE LENGTH NOMINAL PIPE DIAMETER EFFECTIVE LENGTH

0.60

1.00

1.25

150 to 600

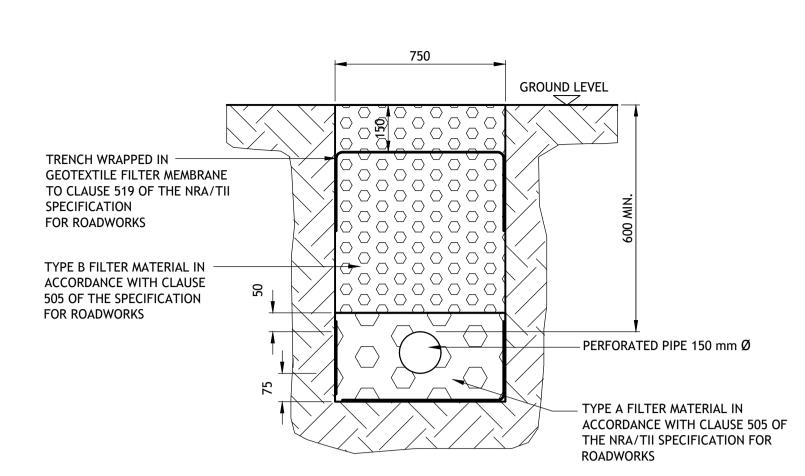
675 to 750

Over 750

USE 1050 DIAMETER RINGS FOR PIPES LESS THAN 375mm DIAMETER WHERE

- MANHOLE COVER TO BE HINGED AT RIGHT ANGLES TO KERBLINE SO THAT THEY CLOSE IN DIRECTION OF TRAFFIC.
- MANHOLE COVERS ON ROADS SHOULD BE LOCATED IN THE MIDDLE OF TRAFFICKED LANES INSIDE WHEEL TRACKS
- COVER AND FRAME TO BE INSTALLED SO THAT NO PART OF THE UNIT IS RAISED OR SUNKEN IN A WAY THAT COULD CAUSE
- A HAZARD TO PEDESTRIAN OR VEHICULAR TRAFFIC

- MANHOLES WITH OUTGOING PIPES GREATER THAN 600mm DIA. SHOULD BE FITTED WITH GUARD BARS, SAFETY CHAINS OR OTHER SAFETY DEVICES.
- 2. FOR DEPTHS TO INVERT >2.700m AN ACCESS SHAFT OF MIN. 900mm DIAMETER AND REDUCING SLAB MAY BE USED.
- 3. WHERE THE DEPTH TO INVERT IS 1.00m OR LESS A 450mm x 450mm (OR 450mm DIA.) INSPECTION CHAMBER WITH MINIMUM COVER SIZES OF 450mm DIA. MAY BE USED SUBJECT TO ACCOMMODATION OF CONNECTIONS AND APPROVAL OF THE LOCAL AUTHORITY.
- 4. ON COMPLETION OF CONSTRUCTION INTERNAL SURFACES OF MANHOLE & SEWERS TO THOROUGHLY CLEANSED TO REMOVE ALL DELETERIOUS MATERIAL, WITHOUT SUCH MATTER BEING PASSED FORWARD INTO PUBLIC SEWERS OR
- 5. FIRST MANHOLE UPSTREAM FROM CONNECTION TO THE (EXISTING) PUBLIC SEWER TO BE FITTED WITH A SCREEN IN ORDER TO PREVENT DEBRIS ENTERING THE PUBLIC SEWER. THE SCREEN NOT TO BE REMOVED UNTIL IMMEDIATELY PRIOR TO OCCUPATION OF PREMISES TO BE SERVED BY



FILTER DRAIN TYPICAL SECTION NOT TO SCALE

TYPICAL "HYDROBRAKE" MANHOLE DETAIL SCALE 1:20

© PUNCH Consulting Engineers This drawing and any design hereon is the copyright of the Consultants and must not be reproduced without their written consent. All drawings remain the property of the Consultants. Figured dimension only to be taken from this drawing. Consultants to be informed immediately of any discrepancies before work proceeds.

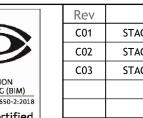
COLOUR DRAWING











Rev	Amendment	Ву	Date	Rev	Amendment By	Date	Client:
C01	STAGE 2 LRD SUBMISSION	DAP	2024-03-07				
C02	STAGE 3 LRD SUBMISSION	DAP	2024-08-02				4 6 11 11 2 14 2 1
C03	STAGE 3 LRD SUBMISSION	DAP	2024-12-06				1 Celbridge West Land
							Limited
	-					1	



oject:											
FORTFIELD ROAD, TERENURE, DUBLIN 6W											
tle: TYPICAL DRAINAGE DETAILS - SHEET 1											
rawn: D. PERYSINAKI	Date drawn: FEBRUARY 2024	Technician Check: PJ. MULCAHY	Engineer Check: D. MORETON	Approved: P. CASEY							
roject No: 222102	Model Ref: 222102-PUNCH-XX-	XX-M2-C-0500-0503	Drawing Status:								
cale @ A1: AS SHOWN											