

NOTES

600 X 600 CLEAR OPENING
DUCTILE IRON COVER AND FRAME TO BE
BS EN124 KITEMARKED, CLASS D400 AND
150mm DEEP IN HIGHWAY. BEDDED ON
CLASS M1, M2 OR EPOXY MORTAR.
APPROVED PACKING MATERIAL MAY BE
USED IF REQUIRED. MANUFACTURERS
NAME TO BE CLEARLY VISIBLE

CLASS M1, M2 OR EPOXY
MORTAR HAUNCHING TO
M.H. COVER AND FRAME
COVER SLAB WITH 675 X 675 ACCESS
(BS5911 KITEMARKED) BEDDED ON
MORTAR.

LIFTING EYES IN CONCRETE
RING TO BE POINTED

DOUBLE WIDTH STEP IRONS
AT 250mm CENTRES
VERTICALLY SHOULD BE
INSTALLED IN ALL MANHOLES
UPTO 6m DEEP

ALL INSITU CONCRETE TO BE C20
WITH SULPHATE RESISTING CEMENT
UNLESS OTHERWISE AGREED

HIGH STRENGTH CONCRETE
TOPPING TO BE BROUGHT UP
TO A DENSE SMOOTH FACE
NEATLY SHAPED AND FINISHED
TO ALL BRANCH CONNECTIONS
(MIN THICKNESS 20mm)
CONSTRUCTION JOINT

DISTANCE BETWEEN TOP OF PIPE
AND UNDERSIDE OF PRECAST
SECTION TO BE MIN 50mm

INVERTS TO BE FORMED
USING CHANNEL PIPES

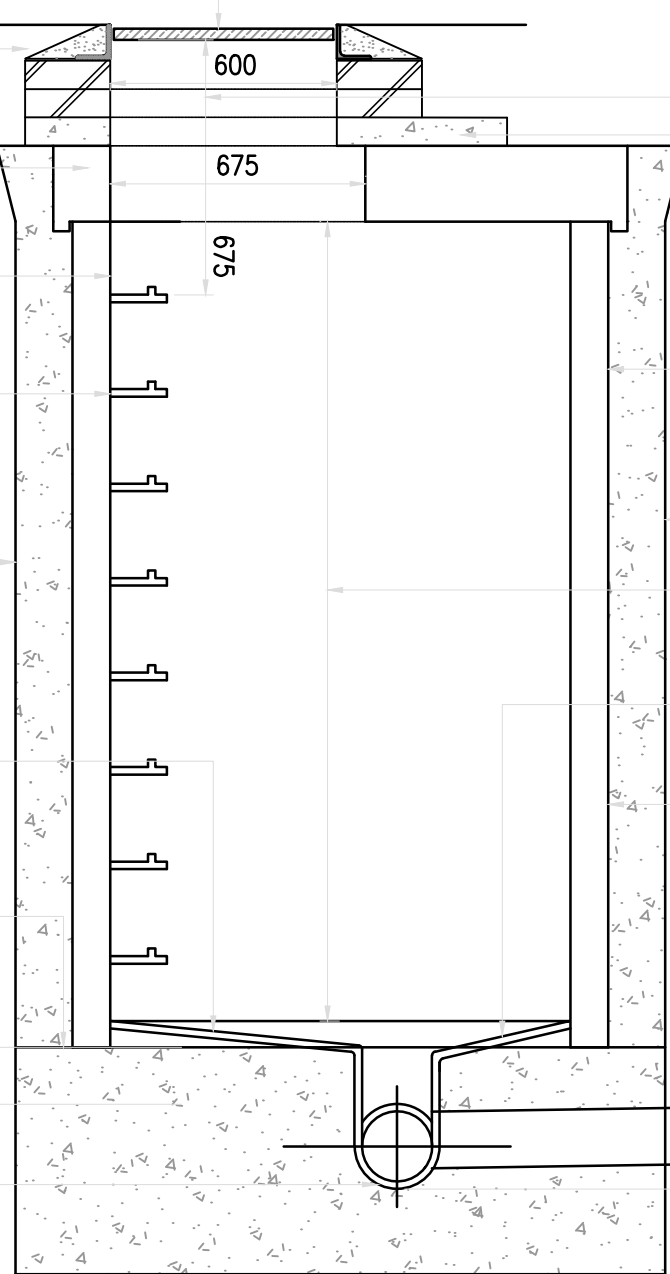
JOINT TO BE AS CLOSE AS POSSIBLE
TO FACE OF MANHOLE TO PERMIT
SATISFACTORY JOINT AND
SUBSEQUENT MOVEMENT

PIPE JOINT WITH CHANNEL
TO BE LOCATED MIN 100mm
INSIDE FACE OF MANHOLE

MINIMUM WIDTH OF BENCHING
TO BE 500mm

ALL CHANNELS IN MANHOLES
TO BE CLAYWARE

MANHOLES WITH OUTGOING
PIPES GREATER THAN 600mm
DIA SHOULD BE FITTED WITH GAIRD
BARS, SAFETY CHAINS
OR OTHER SAFETY DEVICES



675mm MAX TO FIRST STEP
PROPRIETARY ADJUSTING UNIT (LOAD
BEARING SLAB) (BS5911
KITEMARKED) WITH 600 X 600
ECCENTRIC ACCESS HOLE (BS752)
BEDDED ON MORTAR.

PRECAST CONCRETE CHAMBER
SECTIONS AND COVER SLAB TO
BE BEDDED WITH MORTAR,
PROPRIETARY BITUMEN OR
RESIN MASTIC SEALANT

150mm CONCRETE SURROUND
CHAMBER HEIGHT
(NOT LESS THAN 900mm)

BENCHING SLOPE TO
BE 1 IN 10 TO 1 IN 30

THE BOTTOM PRECAST MANHOLE
RING TO BE BUILT INTO BASE
CONCRETE MIN 100mm

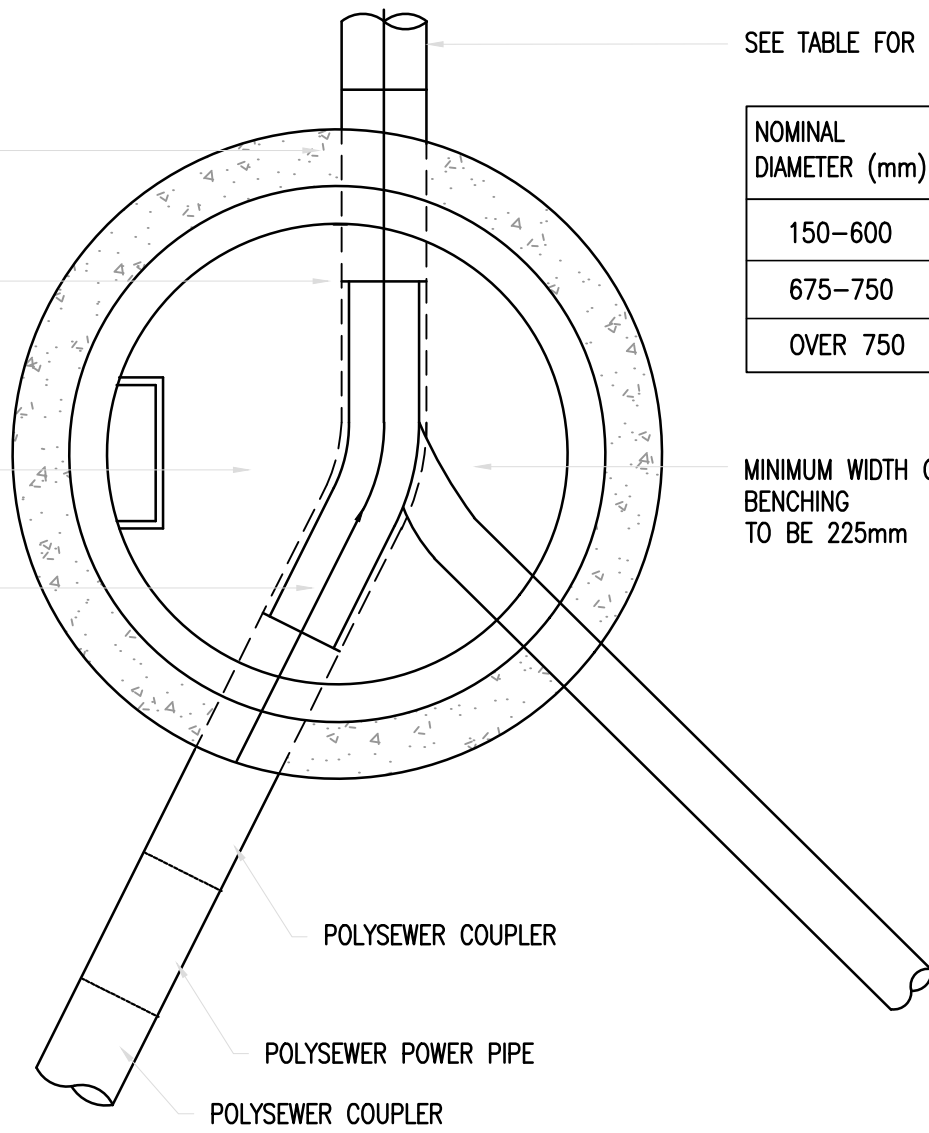
500mm ROCKER PIPE

225mm TO BARREL OF PIPE

SEE TABLE FOR ROCKER PIPE DETAILS

NOMINAL DIAMETER (mm)	EFFECTIVE LENGTH (m)
150-600	0.6
675-750	1.0
OVER 750	1.25

MINIMUM WIDTH OF
BENCHING
TO BE 225mm



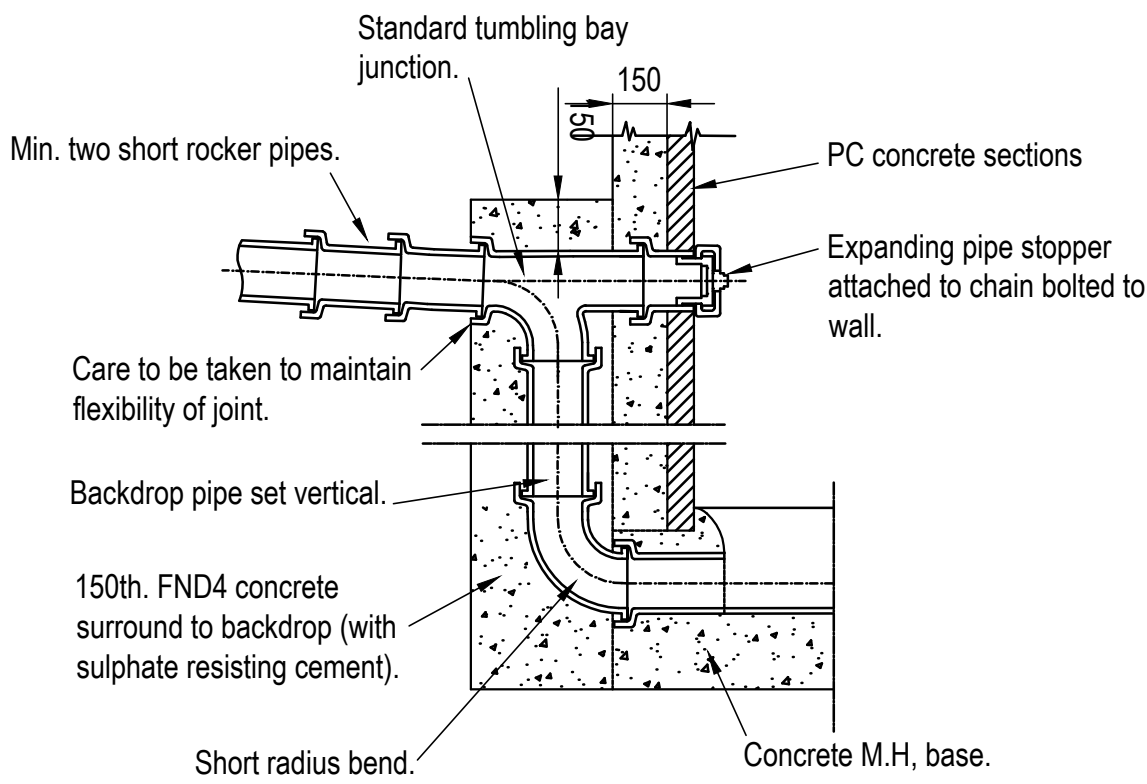
POLYSEWER COUPLER

POLYSEWER POWER PIPE

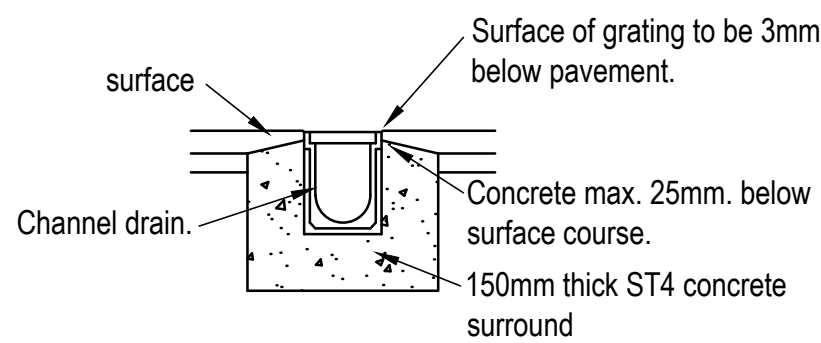
POLYSEWER COUPLER

TYPICAL MANHOLE DETAIL-TYPE B

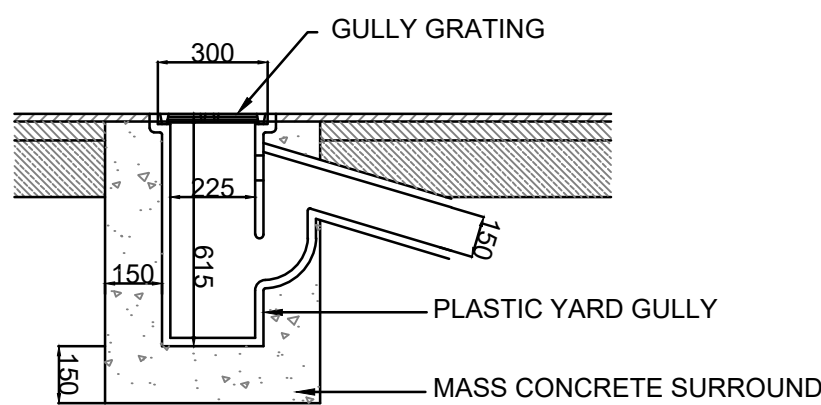
SEWERS FOR ADOPTION - 6th EDITION.
MAX DEPTH FROM GROUND LEVEL TO SOFFIT OF PIPE 3.0m AND
600mm X 600mm CLEAR OPENING ACCESS.
THE DESIGN OF MANHOLES WILL NEED TO COMPLY WITH THE
UNDERTAKER'S SAFETY POLICY.



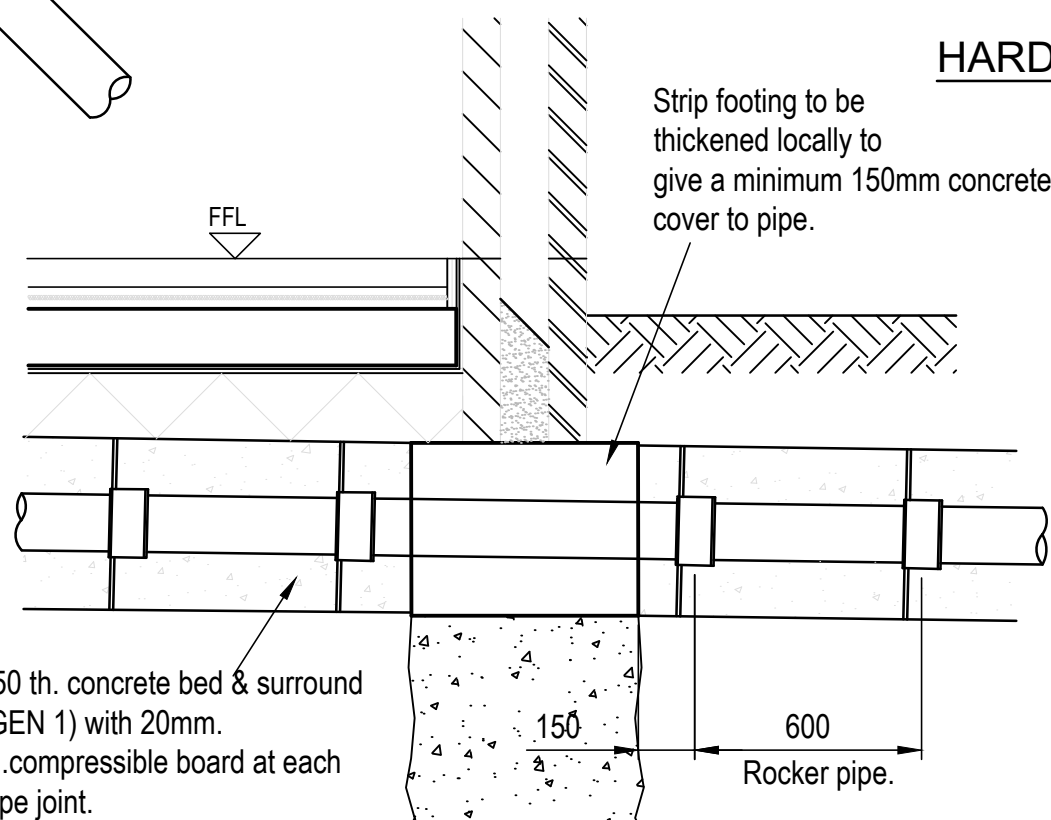
VERTICAL BACKDROP DETAIL



CHANNEL DRAIN



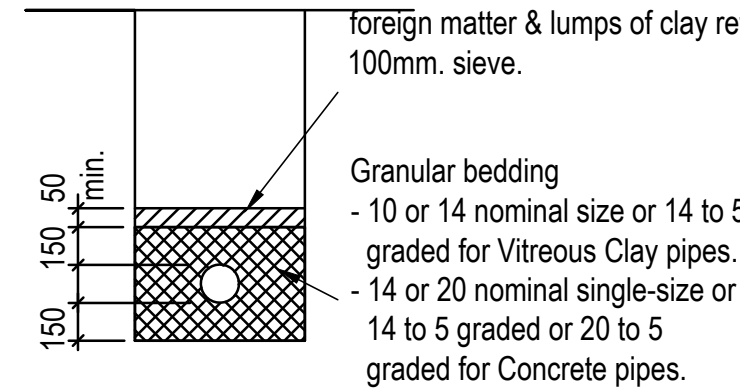
HARD LANDSCAPE GULLY



DETAIL OF PIPE THROUGH FOUNDATION

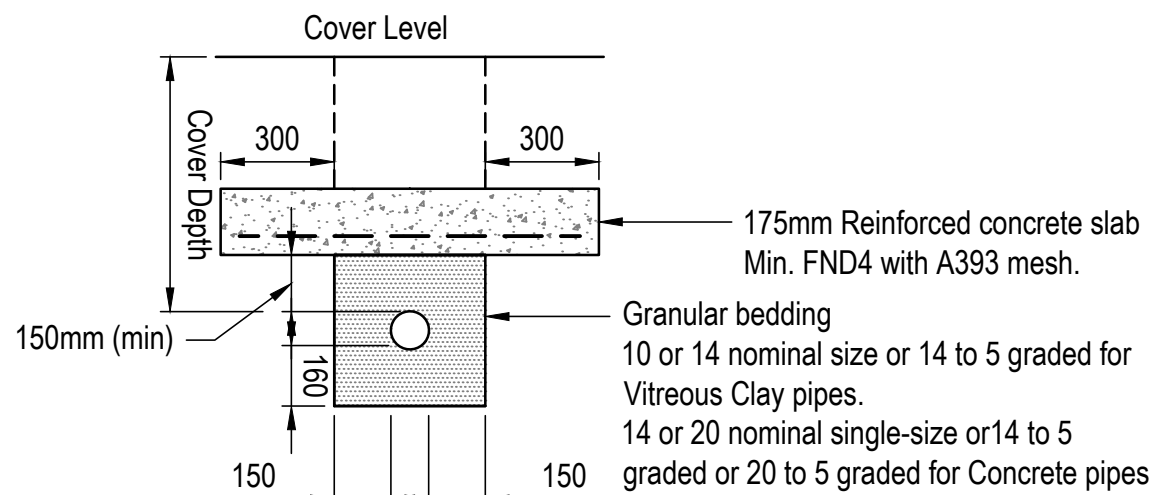
SCALE 1:25

Selected backfill comprising readily compactable
material free from stones retained on a 40mm.
sieve, timber, frozen material, vegetable &
foreign matter & lumps of clay retained on a
100mm. sieve.



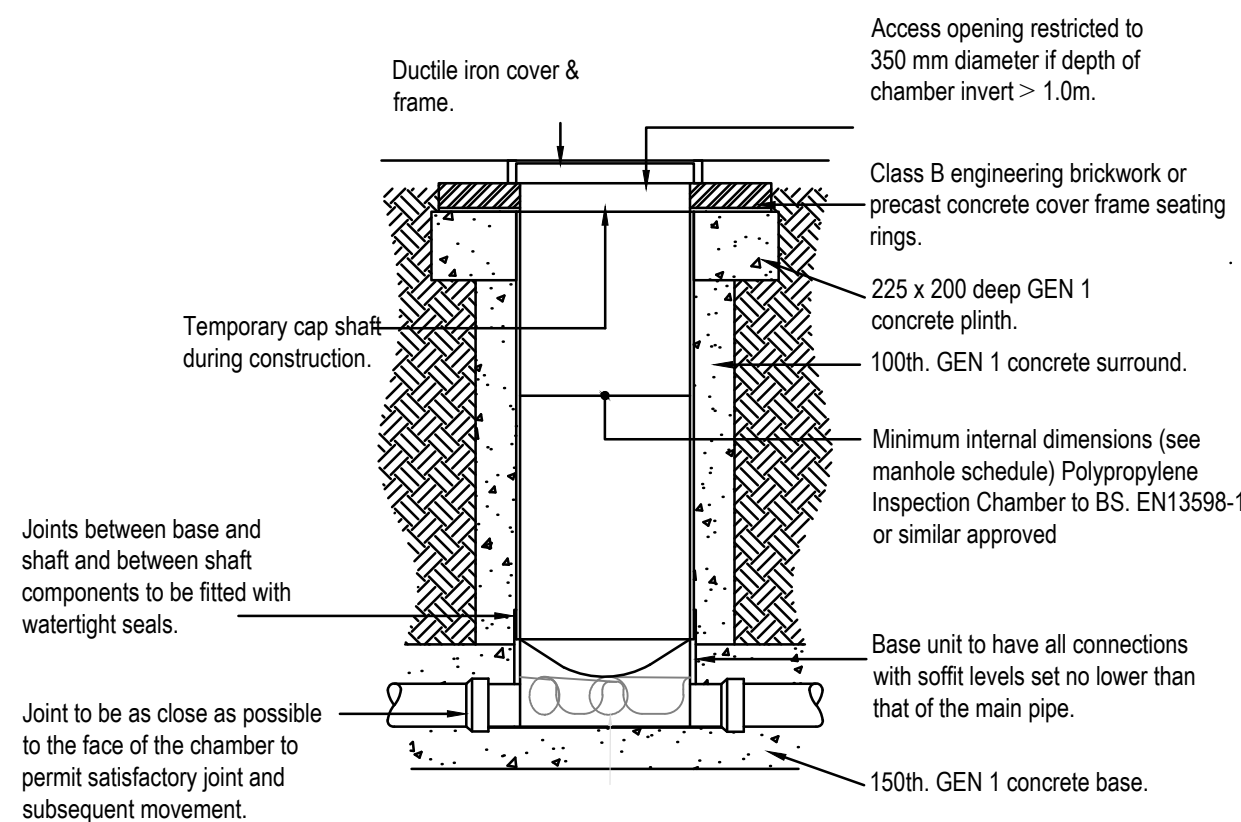
BEDDING DETAIL - CLASS S

(Where depth of cover is grater than 900mm in
landscaped areas and 1200mm in roads &
footpaths / highway verge)



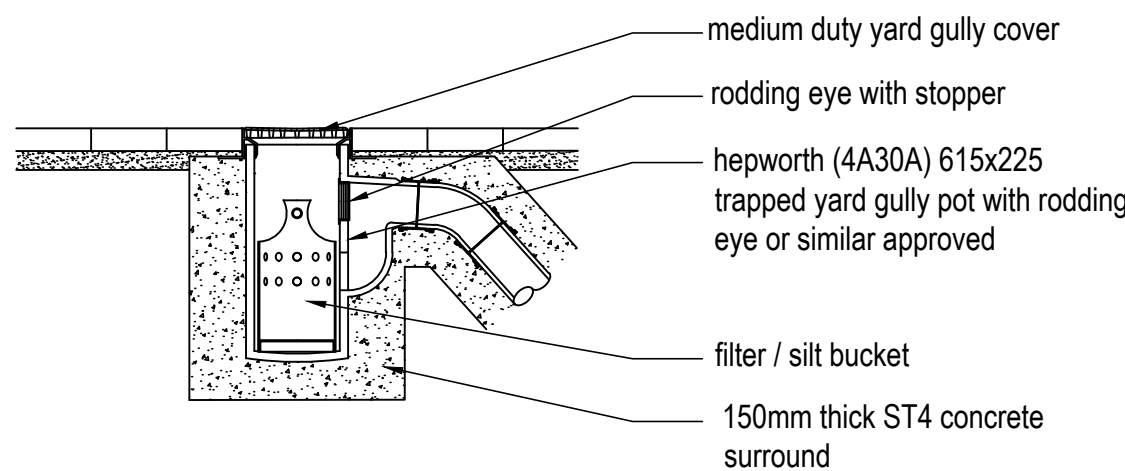
Bedding Detail - Concrete Slab Protection

(Where depth of cover is less than 900mm in landscaped
areas or 1200mm in roads & footpaths)
Scale 1:25

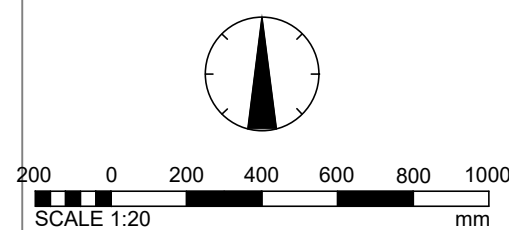


450mm. DIA. INSPECTION CHAMBER (PPIC) DETAIL 100 & 150 DIA. Max Depth 3m

SCALE 1:20



YARD GULLY



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P02	PRELIMINARY	30.04.21	PB	PB
P01	ISSUED FOR TENDER	15.04.21	PB	PB

REV	DESCRIPTION	DATE	BY	CHKD
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ORIGINATOR:

RIDGE
PROPERTY & CONSTRUCTION CONSULTANTS

6th FLOOR
BELVEDERE HOUSE
BOOTH STREET
MANCHESTER, M2 4AW

TEL: 0151 236 0946

WWW.RIDGE.CO.UK

CLIENT:

ERIC WRIGHT

IN ASSOCIATION WITH:

GREAT PLACES HOUSING GROUP LTD

PROJECT:

ANCOATS DISPENSARY

TITLE:

PROPOSED DRAINAGE
TYPICAL DETAILS

ENG/TECH:	CSE:	ICSE:	SCALE:	1:100	@	A1
PB	PB	ED	STATUS ISSUE:	S0		

STATUS:

PRELIMINARY

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SUITABILITY: S2 - Issued for Information

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5014349	RDG	XX	XX	DR	C	0105	P02