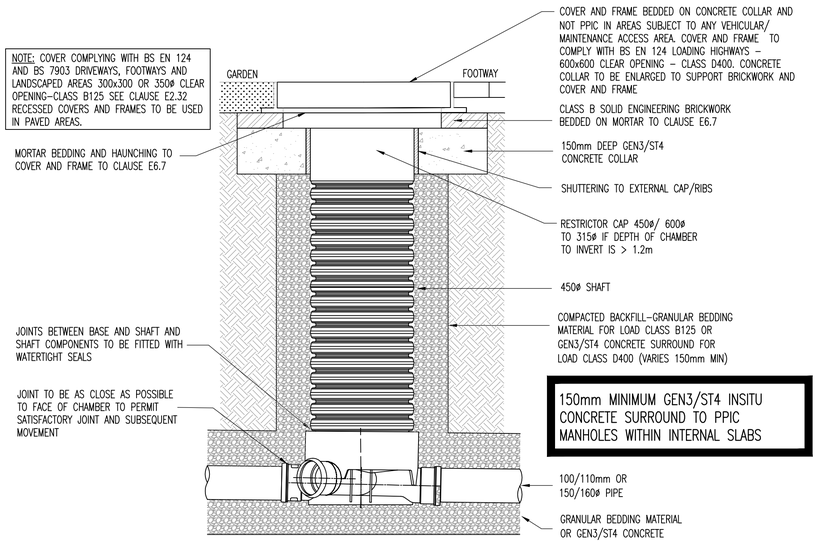
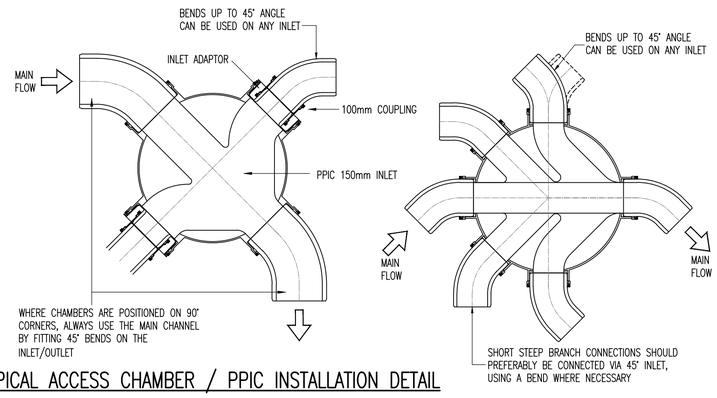
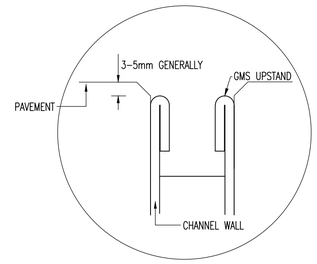


TYPICAL INSPECTION CHAMBER SfA–7 TYPE D (BASED ON WAVIN RANGE 450/600 CHAMBER)

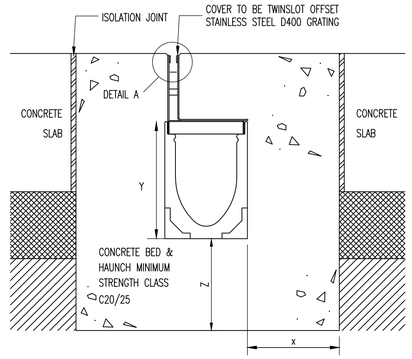
MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3m NON–ENTRY



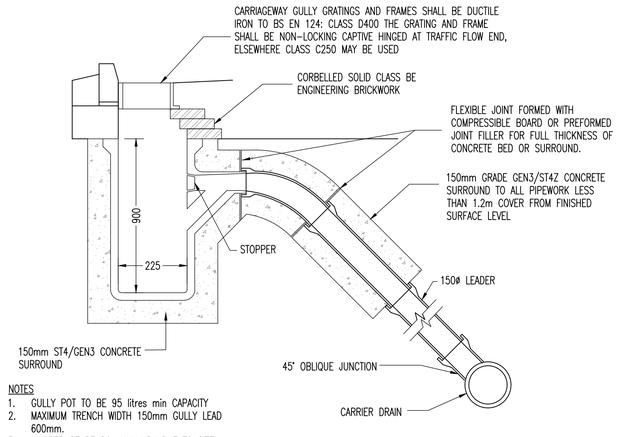
TYPICAL ACCESS CHAMBER / PPIC INSTALLATION DETAIL



DETAIL A



CONCRETE PAVEMENT



NOTES
1. GULLY POT TO BE 95 litres min CAPACITY
2. MAXIMUM TRENCH WIDTH 150mm GULLY LEAD 600mm.
3. NUMBER OF BENDS MAY VARY DUE TO SITE DIFFERENCES.
4. CONCRETE SURROUND OF PIPES SHALL ALWAYS FINISH AT A JOINT.

TYPICAL ROAD GULLY DETAIL

1.0 GROUND CONDITIONS: THE CUSTOMER SHOULD ENSURE THAT THE MINIMUM DIMENSIONS SHOWN ARE SUITABLE FOR THE EXISTING GROUND CONDITIONS. ENGINEERING ADVICE MAY BE NECESSARY.

2.0 BLOCK PAVEMENTS: THE CHANNEL MUST BE SUPPORTED LATERALLY AND THEREFORE BLOCKS MUST BE RESTRAINED FROM MOVEMENT BY BEDDING SECURELY. E.G. BY USING AN EPOXY OR POLYMER MODIFIED MORTAR FOR BED AND PERPENDICULAR JOINTS. (FOR EXAMPLE RONAFIX MORTAR MIX C OR SIMILAR: FROM RONACRETE TEL 01279 638700). ENGINEERING ADVICE MAY BE REQUIRED.

3.0 SURFACE CRACKS: ALTERNATE CRACK CONTROL AND MOVEMENT JOINTS TRANSVERSELY WITHIN BED AND HAUNCH MAY REDUCE UNSIGHTLY SURFACE CRACKING. ENGINEERING ADVICE MAY BE REQUIRED.

4.0 JOINT SEALANT: WHERE ACO DRAIN CHANNEL JOINTS AND FITTINGS ARE TO BE SEALED (WHERE USED IN FOUL WATER APPLICATIONS OR WHERE IMPERMEABILITY IS REQUIRED, FOR EXAMPLE) CONTACT A SEALANT SPECIALIST FOR GUIDANCE ON THE MOST APPROPRIATE SEALING COMPOUND TO USE.

5.0 SURFACE PROTECTION: IN ASPHALT PAVEMENTS AVOID CONTACT BETWEEN COMPACTION EQUIPMENT AND CHANNEL/GRATING. THIS MAY BE ACHIEVED BY ENSURING THAT THE FINISHED SURFACE LEVEL LIES ABOVE THE GRATING LEVEL (BY AT LEAST 3MM). STONES SHOULD BE REMOVED FROM GRATING PRIOR TO LAYING/ROLLING WEARING COURSE.

6.0 GENERAL INSTALLATION NOTES: SEE DRAWING FOR GENERAL NOTES ON INSTALLATION.

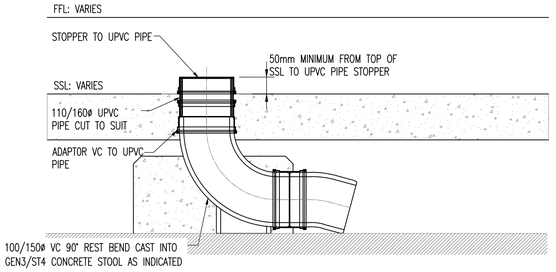
7.0 MINIMUM DIMENSIONS OF CONCRETE SURROUND

LOAD CLASS		A15	B125	C250	D400*
MINIMUM DIMENSIONS (mm)	X	100	150	150	200
	Y	Full Channel Height (Less Y2 where necessary)			
	Z	100	150	150	200
MAXIMUM DIMENSIONS (mm)	Y2+	35	35	35	35
	Y3	100	60	60	60

* E.G. PARKING AREAS FOR ALL TYPES OF ROAD VEHICLE NOT SUITABLE FOR CARRIAGEWAY OF ROADS OR INDUSTRIAL AREAS.
\+ NOTE DASHED LINE PRINTED ON EDGE RAILS 35mm BELOW TOP.

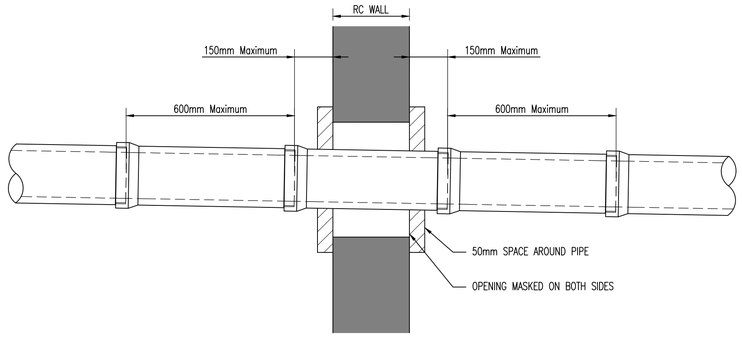
8.0 GRATING SECURITY LOCKS
ALL THE GRATINGS ARE HELD IN THE CHANNEL UNITS BY THE DRAINLOCK ™ FIXING. IN ADDITION, GRATINGS TYPE 23405, 23161 & 23221 (CAST IRON) AND 12680/12682 (COMPOSITE) CAN BE LOCKED IN PLACE WITH AN OPTIONAL SECURITY LOCKING KIT. SEE INSTALLATION NOTES.

INSTALLATION DETAILS FOR ACO MULTIDRAIN M100D DRAINAGE CHANNEL

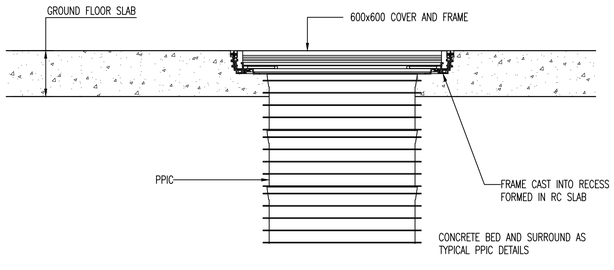


TYPICAL BELOW GROUND WASTE PIPE CONNECTION DETAIL

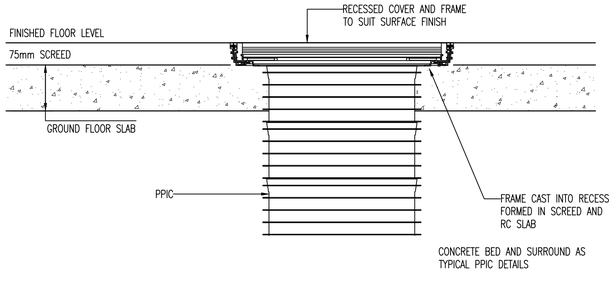
(INVERT LEVEL FOR 100ø AND 150ø ALL TO BE SET AT MAXIMUM OF 1m BELOW SSL & uPVC PIPE LENGTH TO BE ADJUSTED AS REQUIRED)



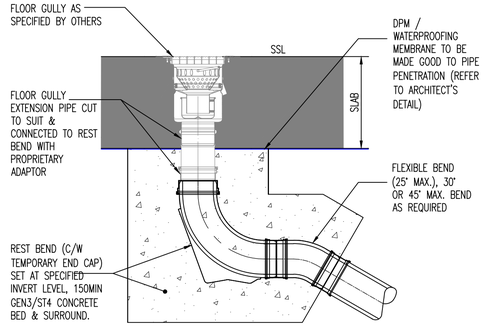
PIPE PASSING THROUGH OPENING IN WALL



COVER/FRAME TO INTERNAL MANHOLE ON CONCRETE SLAB



COVER/FRAME TO INTERNAL MANHOLE ON SCREED OVEDR CONCRETE SLAB



TRAPPED FLOOR GULLY DETAIL 1 (WASHDOWN)

(BASED BLUCHER TRAPPED FLOOR DRAIN GULLY TYPE 1.3 L/S FLOW 100ø OUTLET)

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NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS.
3. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.

REV.	DATE	DETAILS	DRN.	CHK.
C01	08.09.23	CONSTRUCTION ISSUE	PG	JAS
P01	23.05.23	FIRST ISSUE	PG	JAS

DRAWING STATUS
CONSTRUCTION

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DRAWN	DATE	SCALES
PG	MAY 23	NTS
CHECKED	DATE	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE --DO NOT SCALE--
JAS	MAY 23	
APPRVD.	DATE	EMAIL FOR DRAWINGS
JAS	MAY 23	info@rocconsulting.com

CLIENT
VITA GROUP

PROJECT TITLE
PLOT 10B
FIRST STREET

DRAWING TITLE
TYPICAL DRAINAGE DETAILS
SHEET 3

DRAWING No.	REV.
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