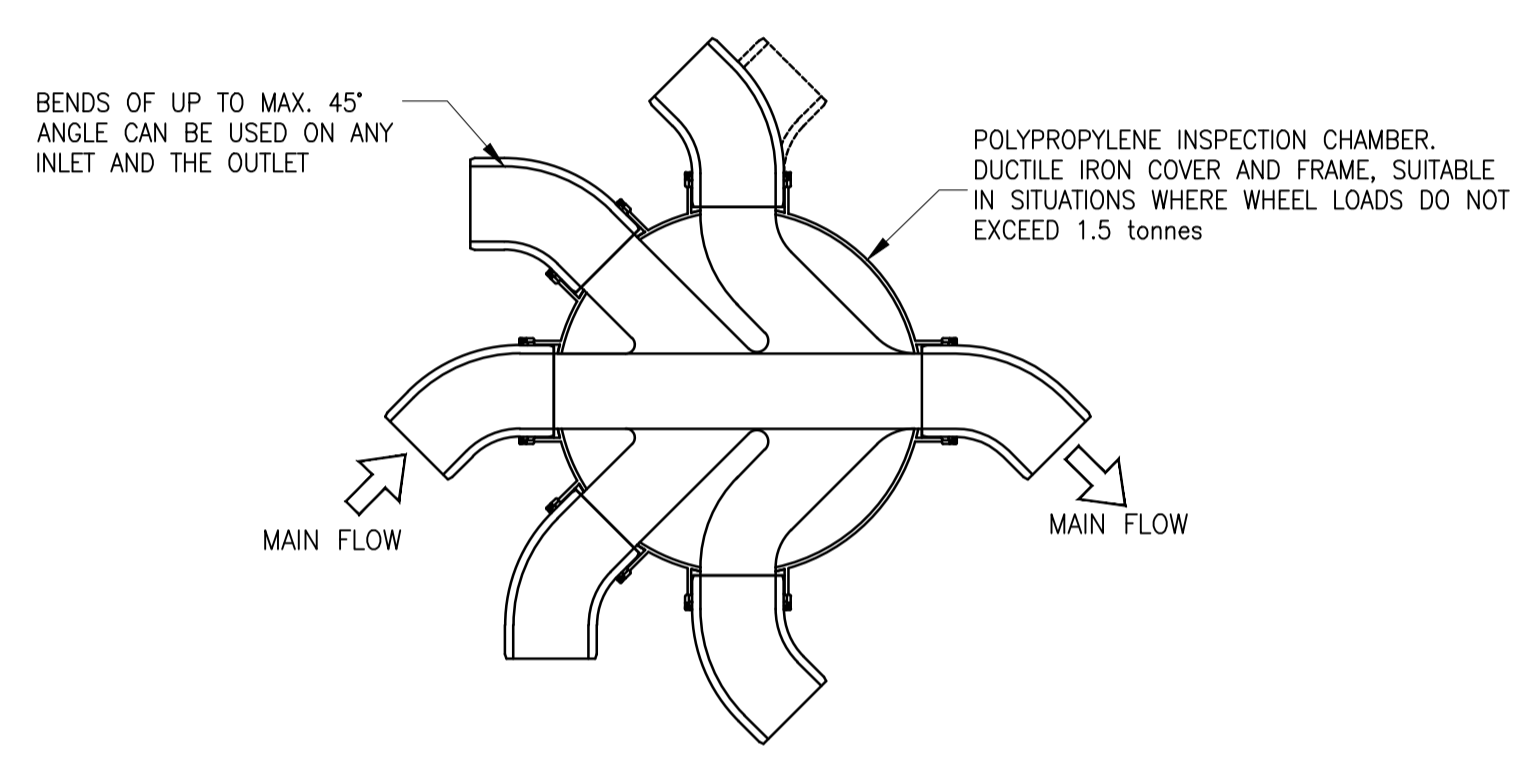
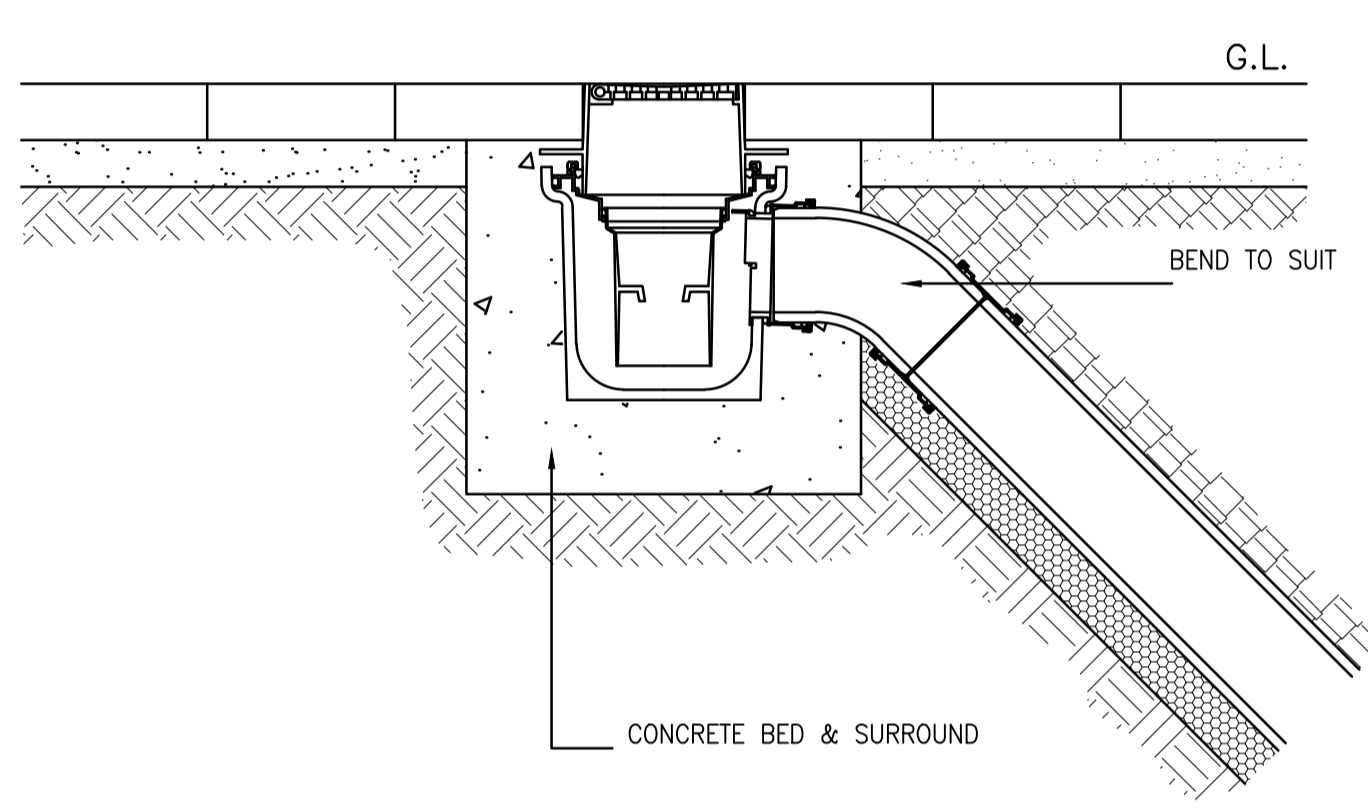


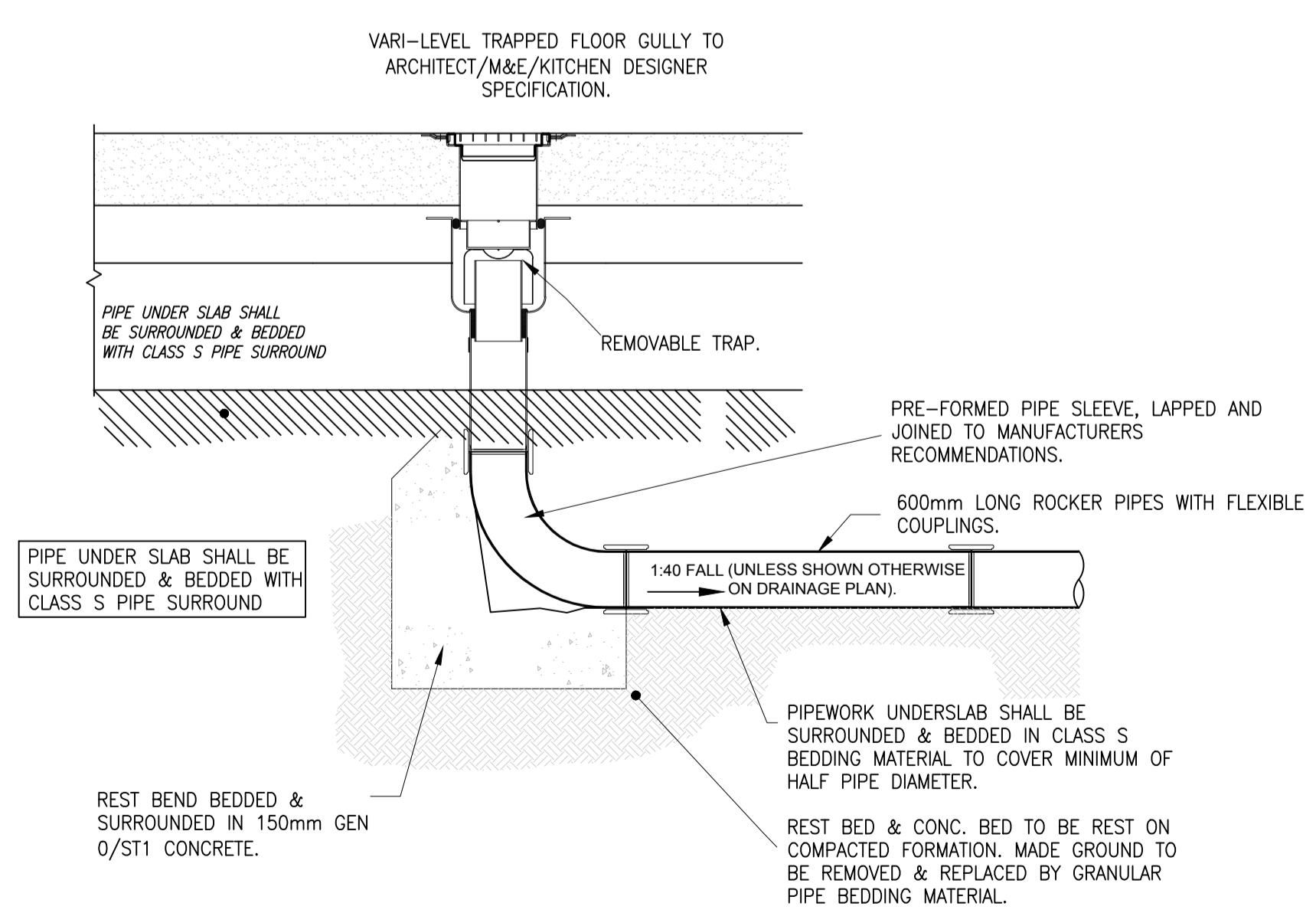
SECTION (EXTERNAL)



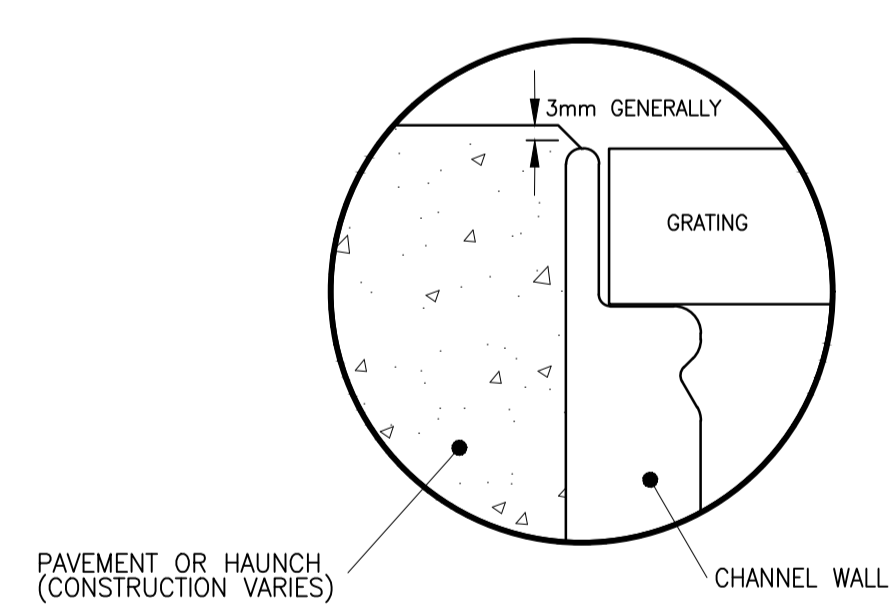
PLAN
POLYPROPYLENE INSPECTION CHAMBER TYPE PPIC



PATHWAY GULLY

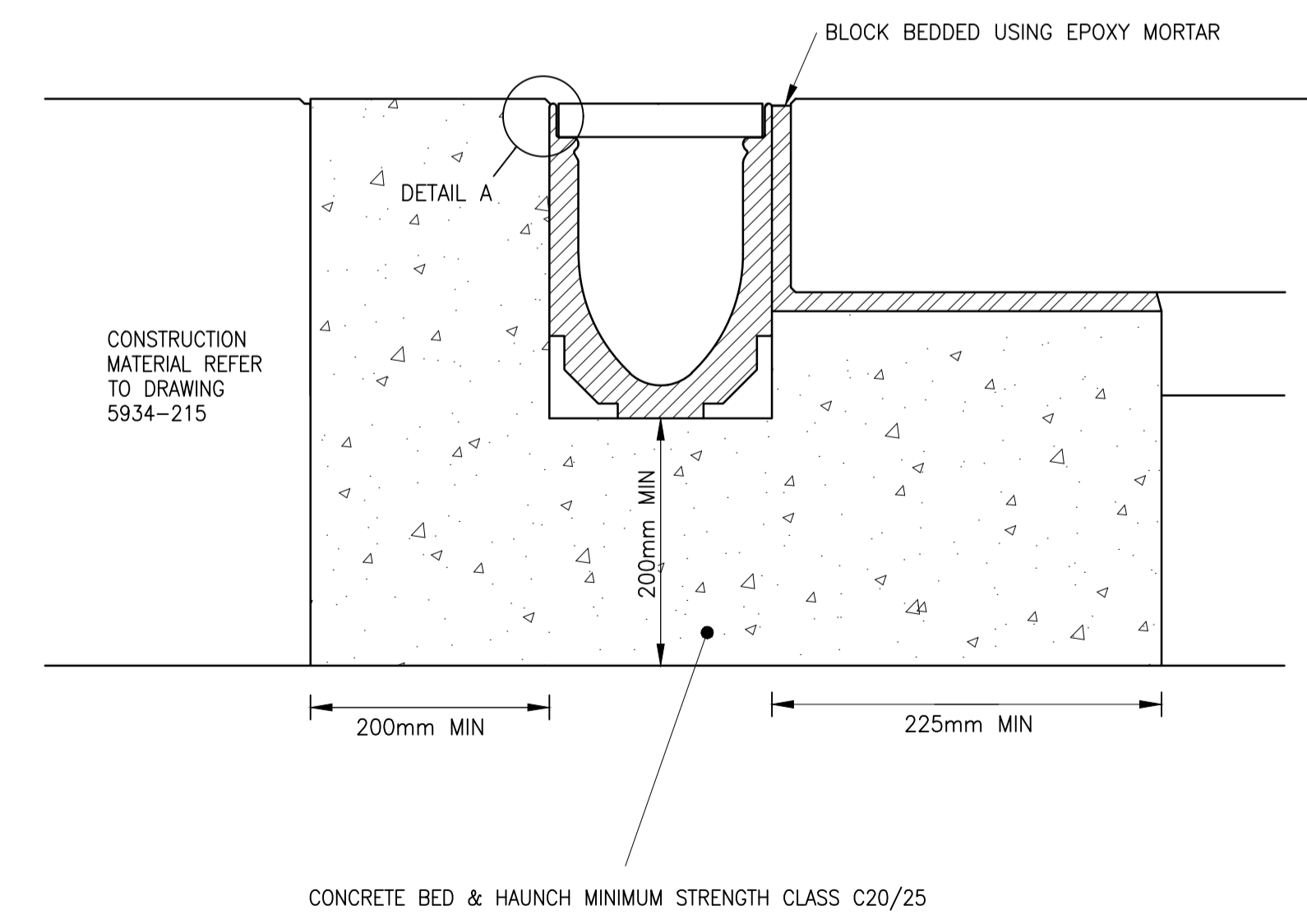


TYPICAL FLOOR GULLY DETAIL (TRAPPED)



DETAIL A

- 1.0 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: MANUFACTURER ADVICE MAY BE REQUIRED).
- 2.0 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.
- 3.0 GENERAL INSTALLATION NOTES SEE ACO DRAWING NUMBER E1-E01-036-3C (AVAILABLE DIRECTLY FROM ACO)



ACO MULTIDRAIN CHANNEL INSTALLATION FOR UPTO LOAD CLASS D400
(BLOCK PAVING)

- GENERAL:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE STATUTORY UNDERTAKERS, PRIOR TO THE COMMENCEMENT OF THE WORKS, TO ESTABLISH THE EXACT POSITION OF THEIR PLANT, WHICH SHALL BE CONFIRMED BY HAND DUG TRIAL PITS.
 3. ALL WORKS SHALL BE UNDERTAKEN IN ACCORDANCE WITH WATER SERVICES ASSOCIATION, 'SEWERS FOR ADOPTION', 7th EDITION, DEPARTMENT OF TRANSPORTS 'SPECIFICATION FOR HIGHWAY WORKS' PUBLISHED BY HMSO AND TO THE SATISFACTION OF BUILDING REGULATIONS PART H.
 4. ALL CONCRETE AND CONCRETE PRODUCTS BELOW GROUND LEVEL SHALL BE SULPHATE RESISTING PORTLAND CEMENT CLASS GEN3 IN ACCORDANCE WITH BRE SPECIAL DIGEST 1.
 5. ALL PIPE CONNECTIONS SHALL BE MADE SOFFIT TO SOFFIT.
 6. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE DRAINAGE WORKS FOR THE DURATION OF THE CONTRACT.
 7. DRAINS TO BE CONSTRUCTED USING FLEXIBLY JOINTED VITRIFIED CLAY PIPES TO BS 65:1991 "SUPER STRENGTH" SPECIFICATION AND BS EN 295-1:1995 (HEPWORTH SUPERSLEVE OR SIMILAR APPROVED) OR FLEXIBLY JOINTED CONCRETE PIPES TO BS 5911-1:2002 OR UPVC BUILDING DRAINAGE SYSTEM PIPE WORK TO BS EN 1401:2009, BEDDED AND BACK FILLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. ALL TESTED IN ACCORDANCE WITH BS EN 1610:1998.
 8. PRIVATE FOUL WATER AND SURFACE WATER DRAINAGE IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE BUILDING REGULATIONS PART H (BS 8301:1985), BS EN 752:2008 AND RELEVANT AGREEMENT CERTIFICATES. ALL TESTED IN ACCORDANCE WITH BS EN 1610:1998.
 9. ALL MANHOLE COVERS SHALL BE BADGED 'SW' FOR SURFACE WATER AND 'FW' FOR FOUL WATER ACCORDINGLY.
 10. GULLY POTS SHALL BE PROVIDED WITH A HOT DIP GALVANISED STOPPER AND CHAIN WITH A BAYONET TYPE FIXING WITH A 150mmØ OUTLET PIPE.
 11. THE GULLY GRATING AND FRAME SHALL BE SET AT A LEVEL OF +/-6mm BELOW THE FINISHED GROUND LEVEL.
 12. ALL GULLY CONNECTIONS MUST BE AIR TESTED IN ACCORDANCE WITH CL. 509 OF SHW.
 13. RIGID PIPES ENCASED IN CONCRETE SHALL HAVE A MOVEMENT JOINT CONSISTING OF 13mm COMPRESSIBLE BOARD AROUND THE SPIGOT NEXT TO THE SOCKET, EITHER AT EACH JOINT OR NOT EXCEEDING 5 METRE INTERVALS.
 14. CONCRETE COVER TO ANY OF THE PIPES MAY BE FORMED TO A RADIUS BATTER OR HORIZONTAL SURFACE.
 15. REINFORCED IN-SITU CONCRETE TO CL. 1700 OF SHW. UN-REINFORCED IN-SITU CONCRETE TO CL. 2602 OF SHW.
 16. CEMENT MORTAR FOR BRICKWORK AND HAUNCHING TO MANHOLE COVERS AND FRAMES TO BE DESIGNATION (i) TO CL. 2404 OF SHW.
 17. 'TOKSTRIP' SEALANT OR SIMILAR APPROVED TO BE USED IN ALL PRECAST JOINTS.

P1	ISSUED FOR INFORMATION	MC	GW	06/04/17
Rev	Description	Qm	Chk	Date

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Client:	JENNER
Architect:	OSG ARCHITECTS
Project:	RESIDENTIAL DEVELOPMENT ST.PHILIP HOWARD SCHOOL, KENT
Drawing Title:	BELOW GROUND DRAINAGE DETAILS SHEET 2

Drawn:	Chk/Appd:	Date:	Sheet Size:	Scale:
MC	GW	APRIL 17	A1	1:20
KSA Project Number:	6457	Sut:	S2	Revision:
				P1

Project:	Originator:	Zone:	Level:	Type:	Role:	Number:
SPH	KSA	Z0	ZZ	DR	C	6251