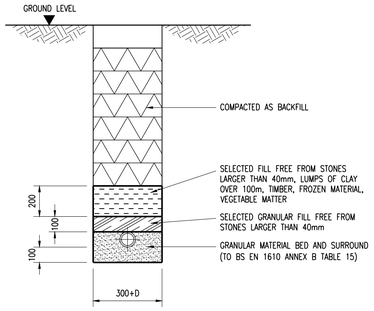
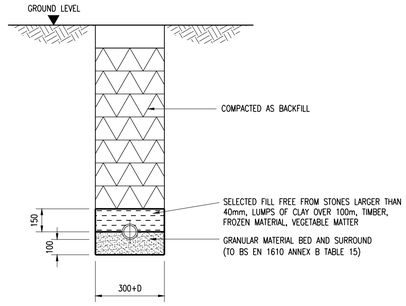


BEDDING FOR FLEXIBLE PIPES

(FOR COVER REQUIREMENTS SEE TABLE 1)

(1:20)



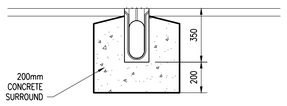
BEDDING FOR RIGID PIPES

(FOR COVER REQUIREMENTS SEE TABLE 1)

(1:20)

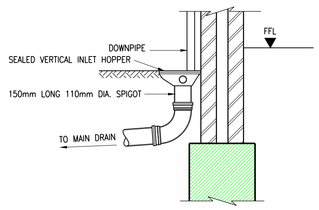
TABLE 1	NOMINAL DIAMETER (mm)	FIELDS		LIGHT ROADS		MAIN ROADS	
		MIN	MAX	MIN	MAX	MIN	MAX
CLASS 120 CLAYWARE PIPES (RIGID)	100 225 >225 TO 600	0.6m	8m 5m 4.5m	1.2m	8m 5m 4.5m	1.2m	8m 4.5m 4m
THERMOPLASTICS PIPES (FLEXIBLE)	100-300	0.6m	7m	0.9m	7m	0.9m	7m

FOR DETAILS SEE THE BUILDING REGULATIONS 2015 PART H



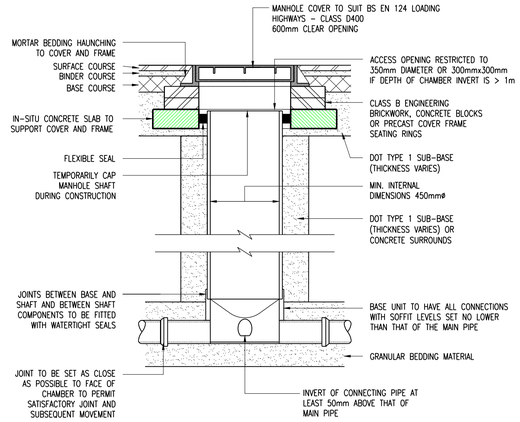
ACO ROAD DRAIN 100

(1:20)

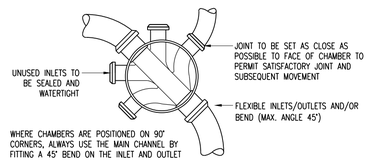


RWP CONNECTION

(1:20)



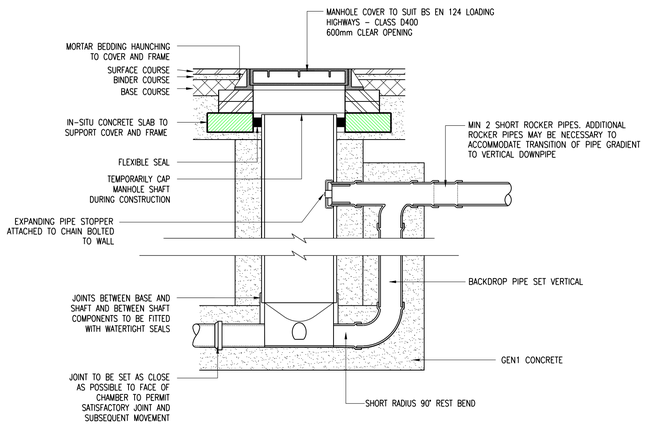
ALTERNATIVE BASE INVERT LAYOUTS
ALL CONNECTIONS TO BE MIN. SOFFIT TO SOFFIT



TYPE 3 ACCESS CHAMBER - FLEXIBLE MATERIAL

(SUBJECT TO VEHICLE LOADING, MAX. DEPTH 3m, NON-ENTRY)

(1:20)



TYPE 3 ACCESS CHAMBER - FLEXIBLE MATERIAL BACKDROP INSPECTION CHAMBER

(SUBJECT TO VEHICLE LOADING, MAX. DEPTH 3m, NON-ENTRY)

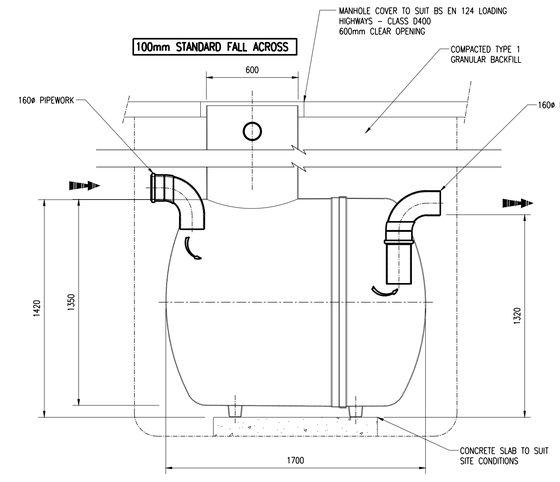
(1:20)



TYPICAL DRAINAGE OUTFALL DETAIL

SECTION VIEW

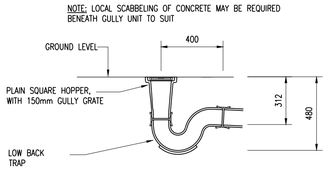
(1:20)



TYPICAL BYPASS TANK DETAIL

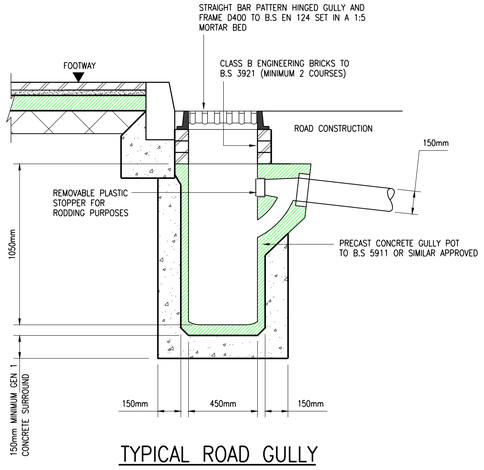
(NSBP003 KLARGESTER BYPASS SEPARATOR)

(1:20)



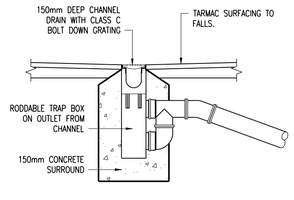
BINSTORE GULLY DETAIL

(1:20)



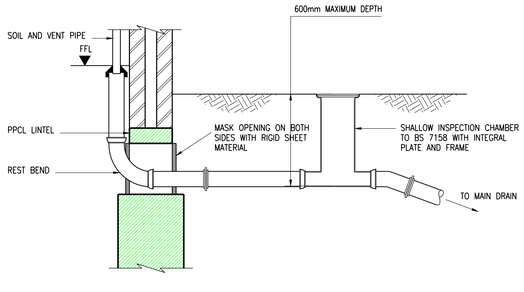
TYPICAL ROAD GULLY

(1:20)



CHANNEL DRAIN

(1:20)



FOUL CONNECTION TO MAIN DRAINAGE

(1:20)

1. GENERAL

(i) This drawing is not to be scaled, work to figured dimensions only, confirmed on site.

(ii) This drawing is to be read in conjunction with all relevant architectural drawings, detailed specifications where applicable and all associated drawings in this series.

(iii) Any discrepancy on this drawing is to be reported immediately to the partnership for clarification.

(iv) The contractor is responsible for all temporary works and for the stability of the works in progress.

2. DRAINAGE GENERAL

(i) All foul and storm water drains which are not to be adopted as public sewers under a section 104 Agreement must be constructed in accordance with the Building Regulations, BS EN 752 and where appropriate the relevant agreement certificates.

(ii) Manholes, gullies, gully connections, sewers and other sewerage structures intended to convey surface water are to be constructed in accordance with the Water Authorities Association Specification "Sewers for Adoption" 7th Edition and relevant Council Design Guide.

(iii) All concrete used in drainage works to comply with BRE Digest 363 for Class 2 sulphate conditions.

3. BELOW GROUND DRAINAGE

(i) Pipework to be UPVC-U pipes to BS 4660 : 2000 and Inspection Chambers to BS 7158 : 2001.

(ii) All adoptable drainage to be constructed in accordance with "Sewers for Adoption" 7th Edition and the relevant Council Design Guide.

(iii) All private surface water sewers to be laid at 1 in 80 unless otherwise stated on the drawing.

(iv) All private foul water sewers to be laid at 1 in 40 at the head of pipe runs and 1 in 80 elsewhere unless otherwise stated.

(v) All private foul sewer pipes to be 100mm diameter unless otherwise stated on the drawing. All private surface water sewer pipes to be 100mm diameter from downpipes and 150mm diameter elsewhere unless otherwise stated on the drawing.

(vi) Allow for rodding access above ground where rainwater downpipes do not have a direct connection to an inspection chamber.

(vii) Existing sewer pipe to be re-used to be surveyed and levelled prior to commencement of the drainage works and refurbished if necessary.

(viii) Connections to an adopted sewer only to be made following approval from the relevant adopting Authority.

(ix) All drains, sewer pipes and manholes to be cleaned and tested for water tightness on completion of construction.

4. MANHOLE COVERS & FRAMES

(i) Manhole covers to be class D400 in highways, class B125 in footways and verges, class C250 in external maintenance vehicle access areas and verges, and class A15 in non-trafficked areas.

(ii) Manhole covers and frames to be bedded and surrounded in 1:3 mortar.

5. PIPES

(i) Plastic pipes shall be of unplasticised polyvinyl chloride (UPVC) complying with the requirements of BS EN 1401-1:2009.

(ii) Concrete pipes shall be spun by a centrifugal process or be vertically pressed. They shall possess self inverting sockets and shall comply with the requirements of and be tested in accordance with BS 5911:2002.

ISSUED FOR TENDER	IMR	A.K.	10.08.18	P2
FIRST ISSUE	A.R.	A.K.	11.07.18	P1
Description	By	Aprvd.	Date	Rev.

TENDER DRAWING
NOT FOR CONSTRUCTION

Title: DRAINAGE DETAILS SHEET 1 OF 2

Project: NEW CLUBHOUSE

Client: SUSSEX YACHT CLUB

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Drawing No. 14896-HOP-ZZ-XX-DR-C-DR02 Status D2 Rev. P2

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P:\PROJECTS\14896 Sussex Yacht Club, Shoreham-by-Sea\Drawings\PDF\14896-03-DR02 - Drainage Details Ivan Ramirez

1:20 0 0.2m 0.4m 0.6m 0.8m 1m
1:50 0 0.5m 1m 1.5m 2m 2.5m
1:100 0 1m 2m 3m 4m 5m