

HAZARD WARNING TAPE TO BE CAREFULLY LAID OVER AQUACELL EXTENTS DURING BACKFILL.

AQUACELL NOTES

TRAFFICKED AREAS - AQUACELLS TO HAVE TYPE 1 OR TYPE 2 SUB-BASE BACKFILL TO THE SIDES AND OVER THE CELLS ONLY. MATERIAL TO BE COMPACTED IN ACCORDANCE WITH TABLE 6/1 OR 8/1 OF THE SPECIFICATION FOR HIGHWAY WORKS AND TAKING INTO ACCOUNT MAXIMUM ROLLER WEIGHTS AS ADVISED BY WAVIN.

NON TRAFFICKED AREAS - 100mm OF SHARP SAND BETWEEN THE TRENCH WALLS AND AQUACELL STRUCTURE AND COMPACT. BACKFILL WITH STONE FREE AS-DUG MATERIAL.

CONSTRUCTION PLANT NOT TO TRAFFIC NEAR OR OVER AQUACELL LOCATIONS UNLESS SPECIFICALLY AUTHORISED BY THE ENGINEER.

WAVIN AQUACELL UNIT (FOR TRAFFICKED AREAS) (EACH UNIT 1.0 X 0.5 X 0.4 DEEP) LAID TO MANUFACTURERS RECOMMENDATIONS (INCLUDING STAGGERED JOINTS) BRICK BOND WITH CLIPS/SHEAR CONNECTIONS AS NECESSARY.

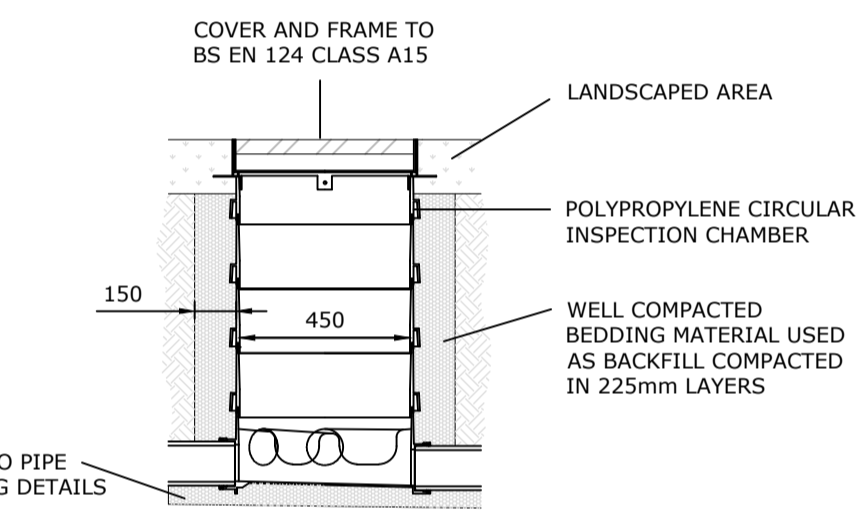
SOAKAWAY DETAILS
SCALE 1:20

UNITS TO BE WRAPPED IN A PERMEABLE GEOTEXTILE AS RECOMMENDED AND SPECIFIED BY THE MANUFACTURER IN 'STORMWATER MANAGEMENT - DESIGN & INSTALLATION' GUIDE. UNITS TO BE PLACED ON 100mm DEEP OF SHARP SAND. PIPE ENTRY POINTS AND GEOTEXTILE TO BE SEALED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, INCLUDING WELDED DOUBLE SEAMS. WAVIN (01249 766600) AQUACELL UNITS TO BE USED UNLESS SPECIFIC AGREEMENT GIVEN BY CLIENT FOR ALTERNATIVE APPROVED PRODUCT.

NOTES

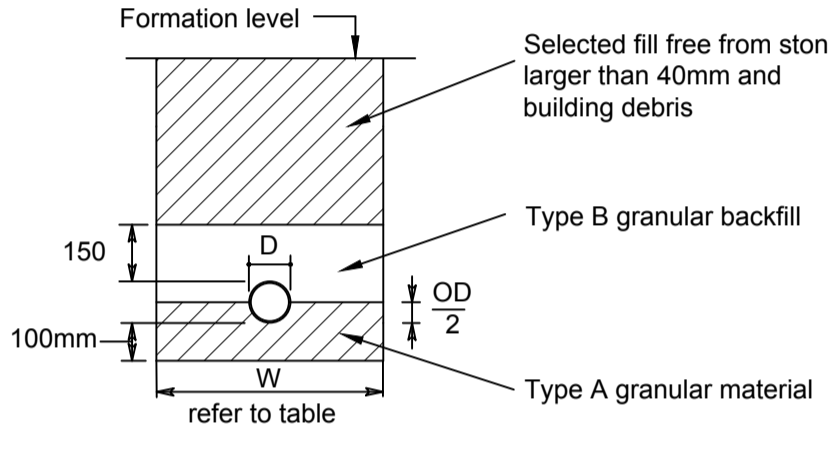
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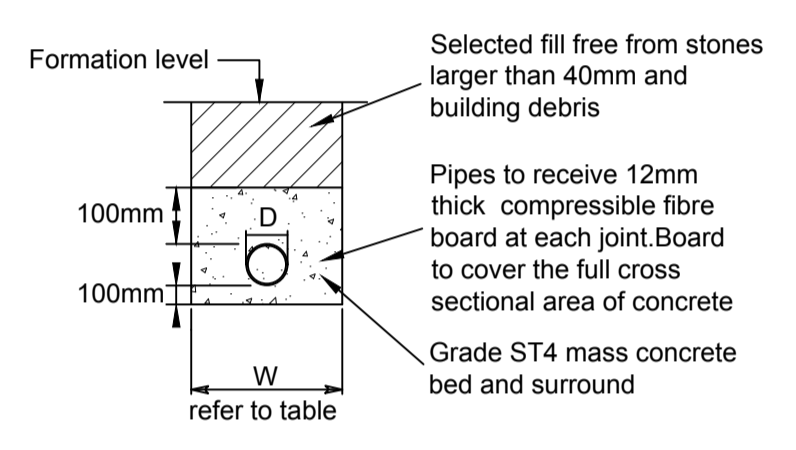
POLYPROPYLENE INSPECTION CHAMBER
(SCALE 1:20)

(LOCATED WITHIN LANDSCAPE AREAS FOR DEPTH TO INVERT NOT GREATER THAN 1200mm)



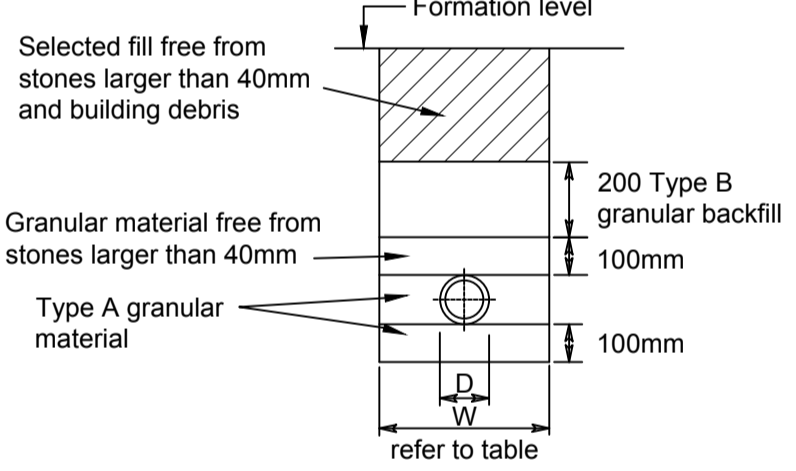
TYPE 1 (CLAY PIPE) CLASS B

Location: Pedestrian areas up to 5.0m depth, Vehicle areas 0.6m - 5.0m



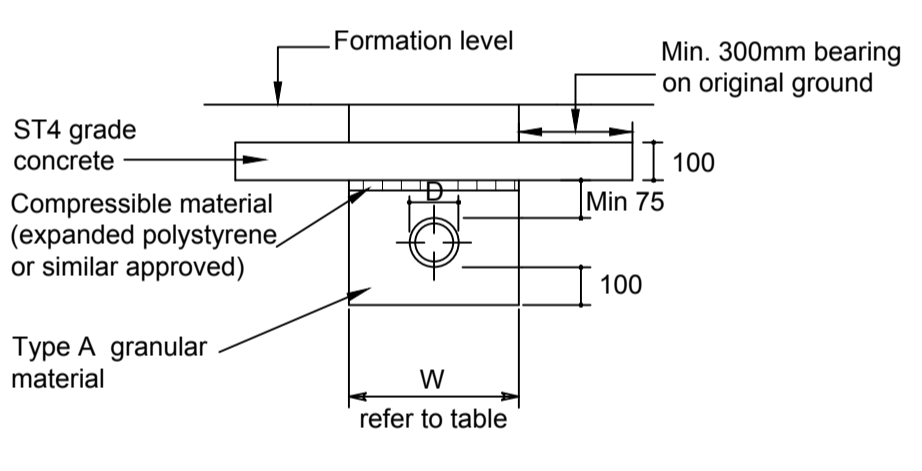
TYPE 2 (CLAY PIPES) CLASS X

Location: Vehicle areas - up to 0.6m



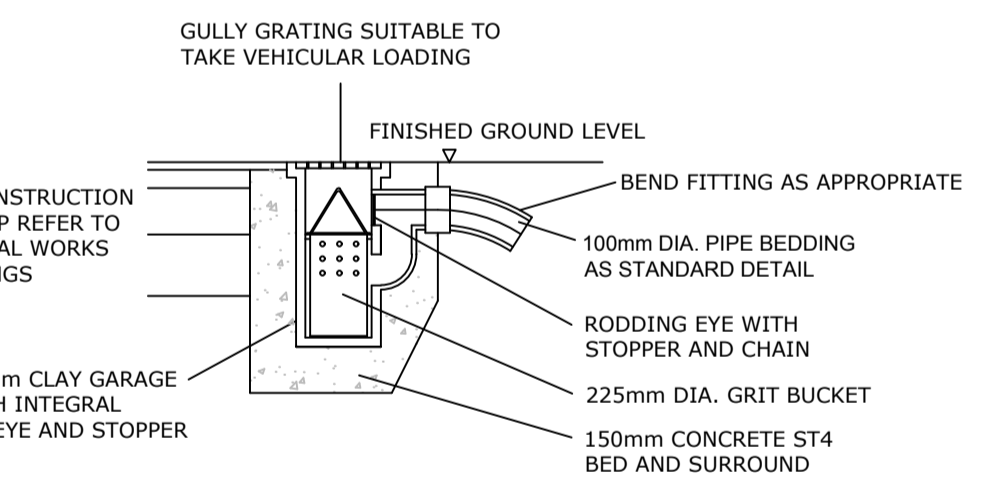
TYPE 3 (UPVC PIPES) CLASS S1

Location: Pedestrian areas, 0.6m - 7.0m Vehicle areas, 0.9m - 7.0m Under buildings

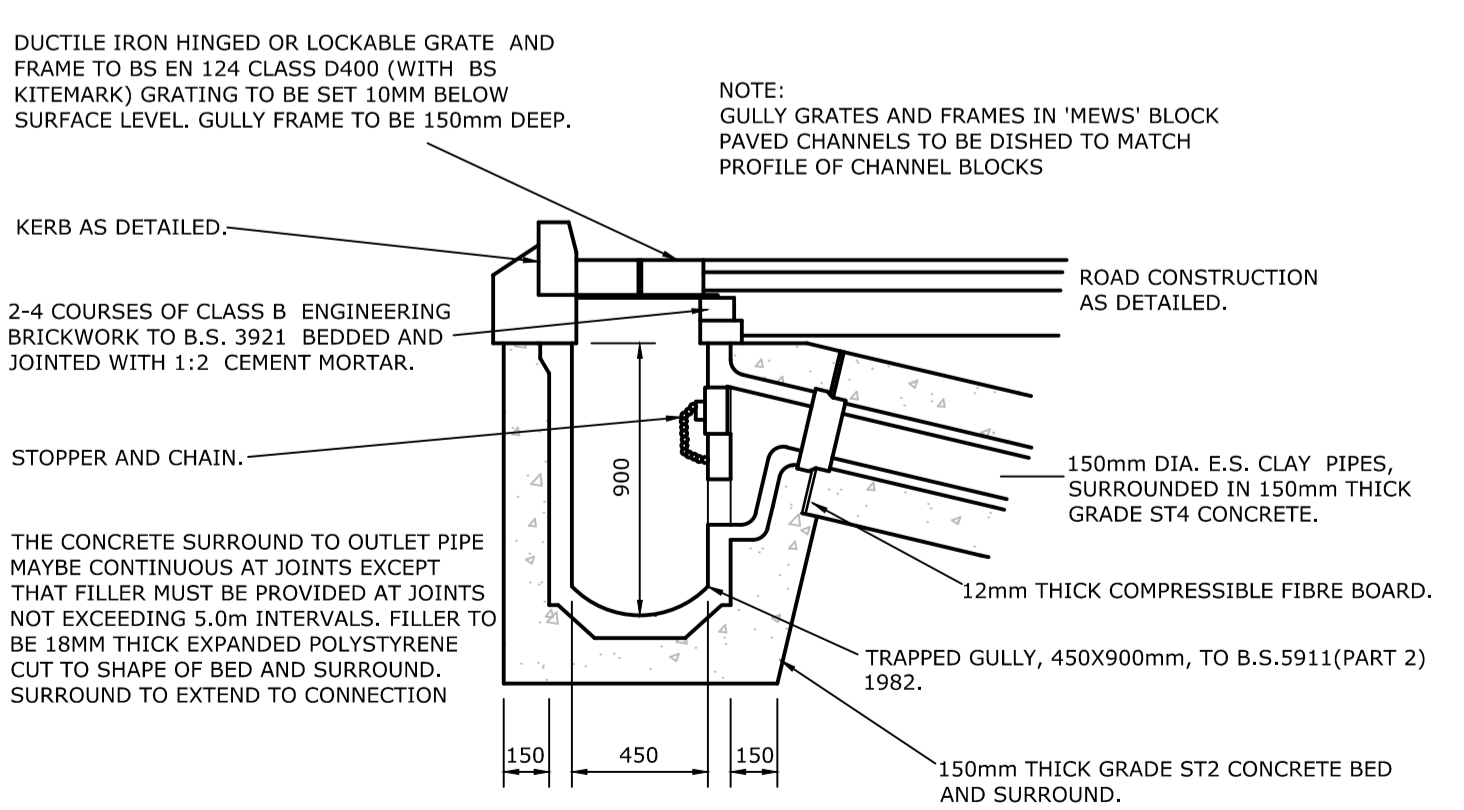


TYPE 4 (UPVC PIPES)

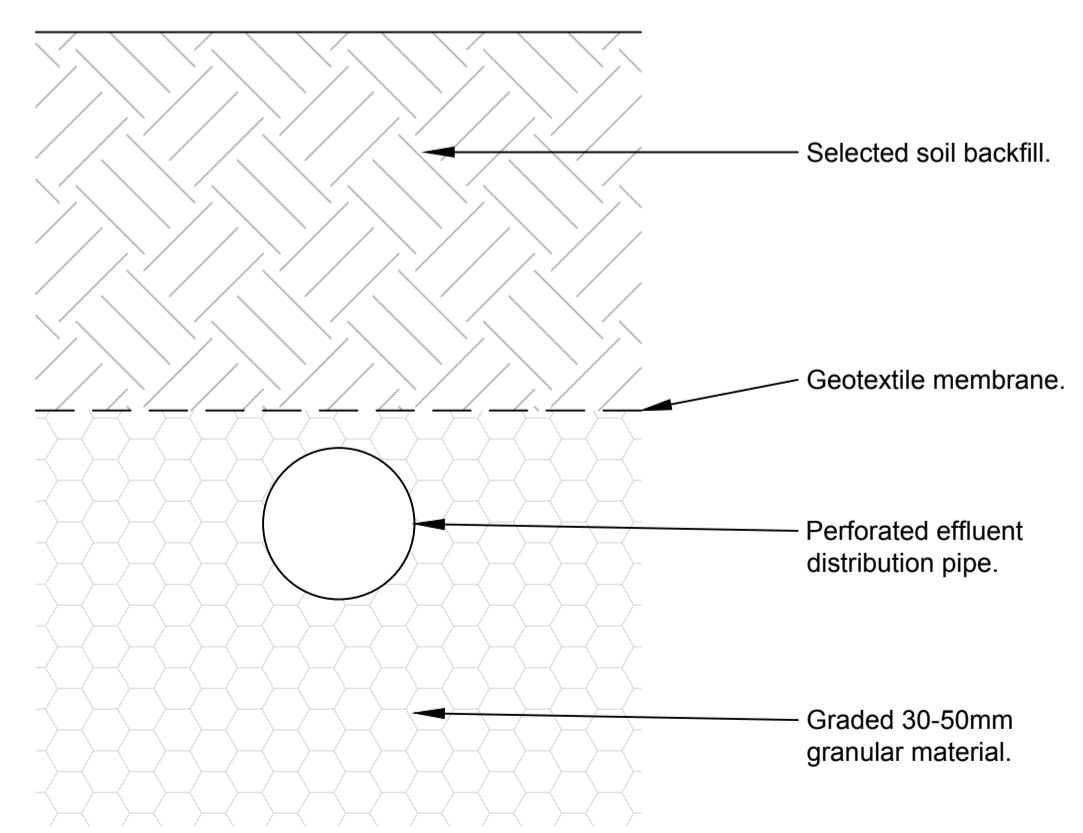
Location: Pedestrian areas up to 0.6m, private vehicle parking and areas subject to construction traffic up to 0.9m. When laid in landscape areas subject to no loading (incl. construction traffic) ST4 concrete can be omitted.



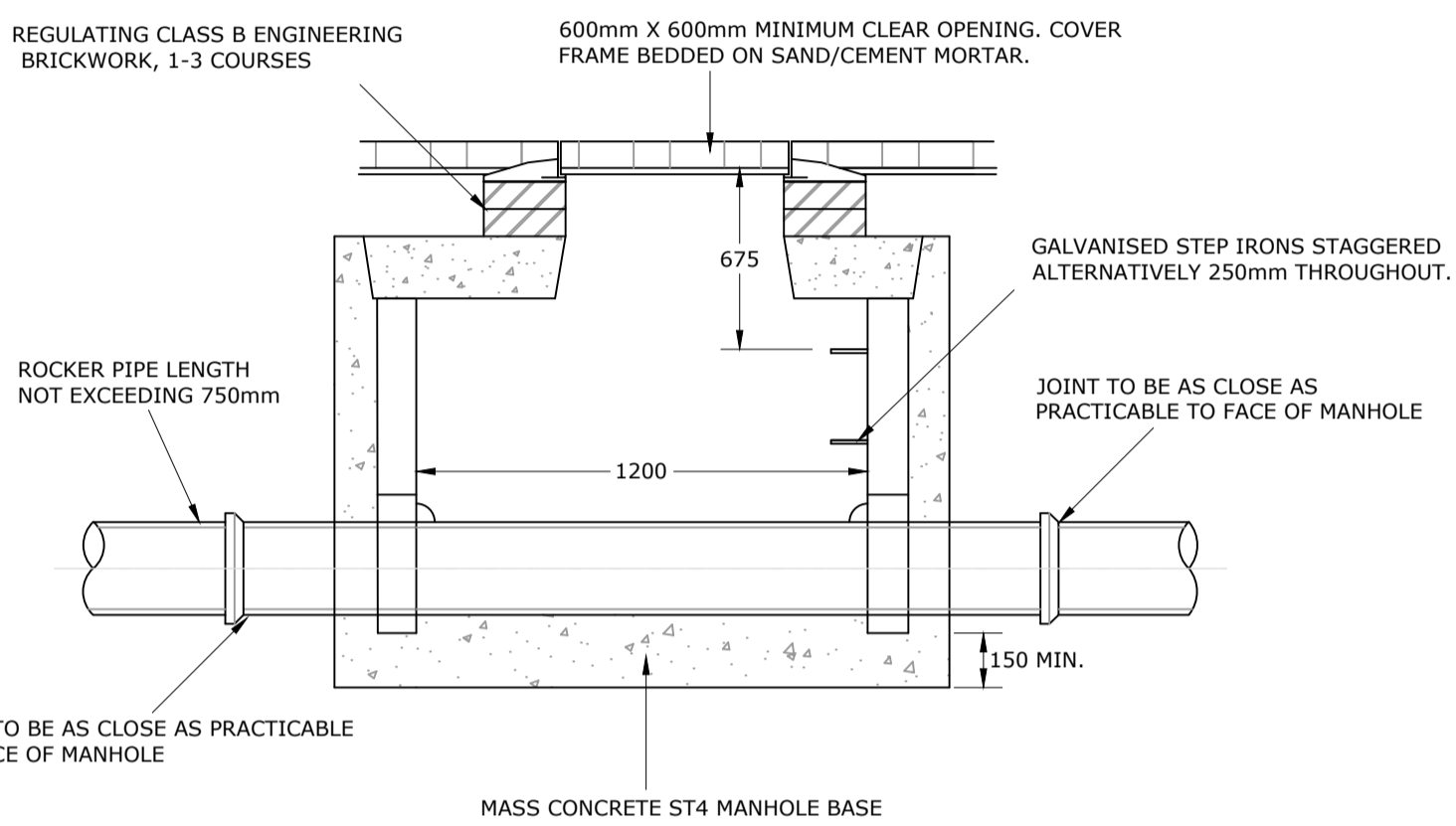
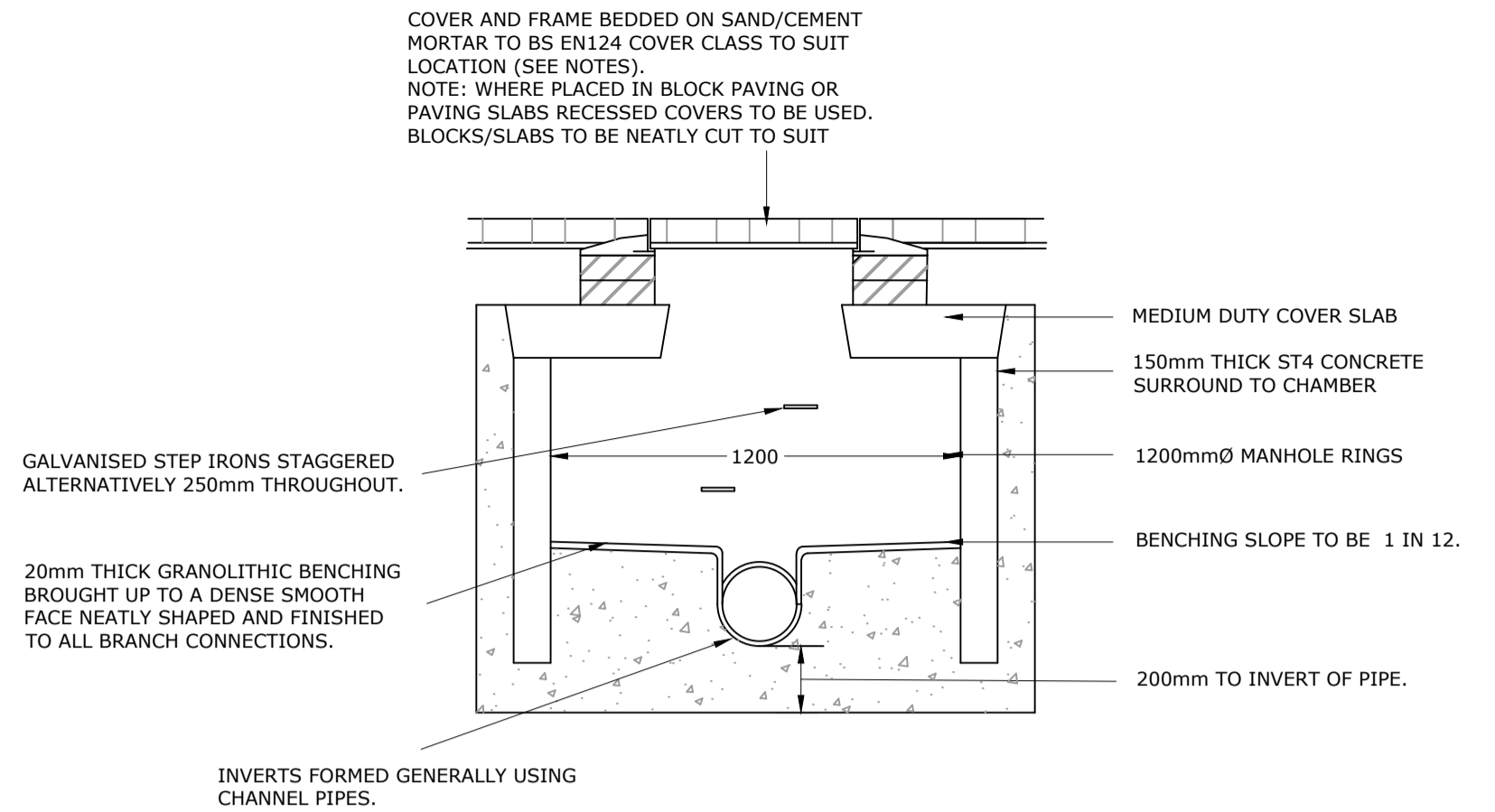
TRAPPED YARD GULLY TO DRIVES, FOOTPATHS & BINSTORE
(SCALE 1:20)



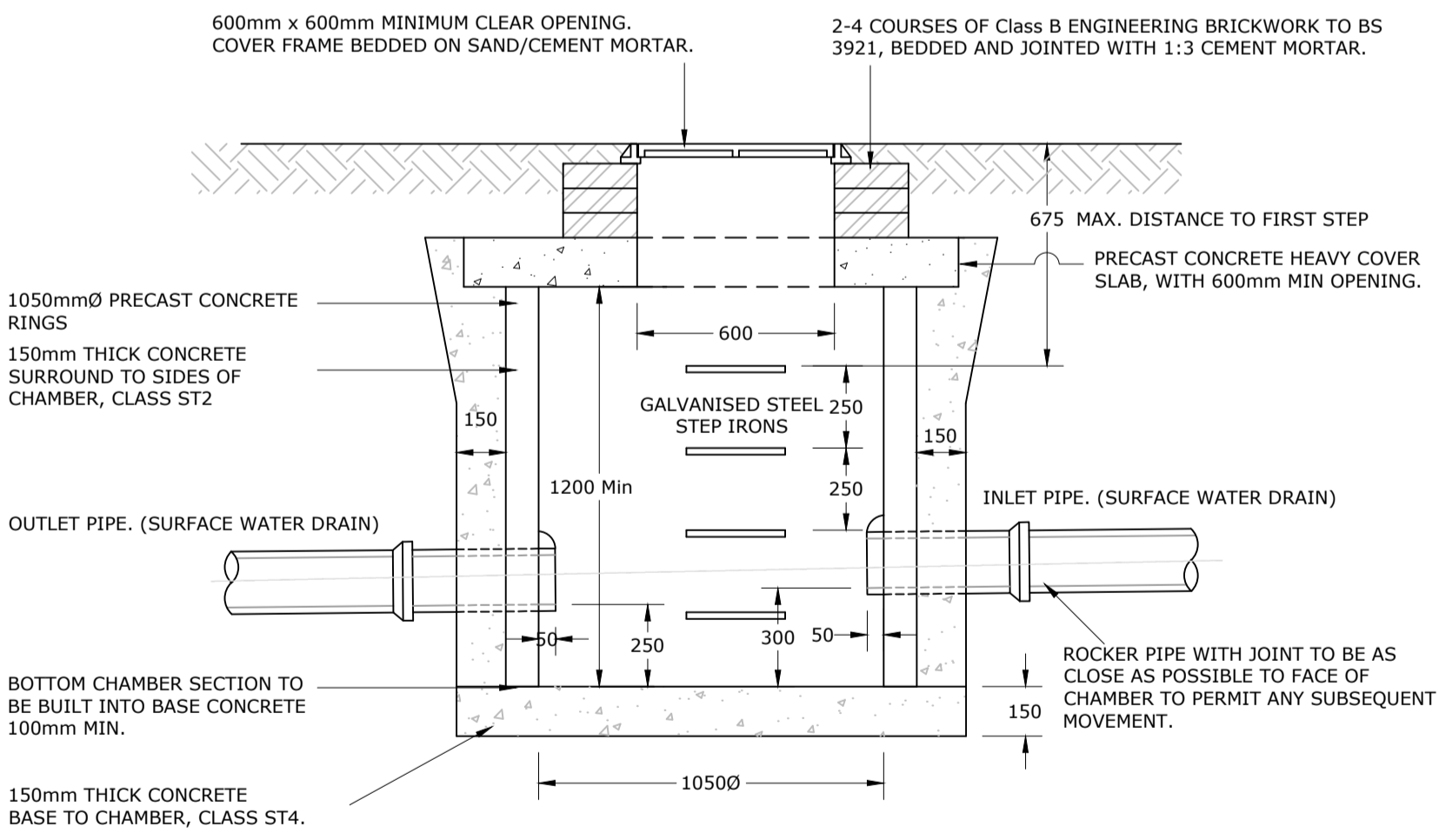
ROAD GULLY DETAIL
(SCALE 1:25)



DRAINAGE FIELD DETAIL
(SCALE 1:10)



TYPICAL MANHOLE DETAIL >1.5m TO SOFFIT
(SCALE 1:20)



PRIVATE CATCHPIT TYPICAL CONSTRUCTION DETAIL
(DEPTH TO BASE 3.0m MAX)
(SCALE 1:20)

MANHOLE CONSTRUCTED TO BS EN 752 DEPTH TO INVERT GREATER THAN 1.5m MAXIMUM DEPTH 3.0m TO SOFFIT. FOR SEWERS GREATER THAN 2250 REFER TO ENGINEER FOR FURTHER INSTRUCTION.

NOTE: ALTERNATIVELY, IF PRECAST RECTANGULAR SECTIONS OR BRICKWORK ARE USED, MIN CHAMBER SIZE TO BE 1200x1000mm AND MINIMUM CLEAR OPENING TO BE 600x600. FOR DEPTH TO SOFFIT LESS THAN 1.5m, CHAMBER DIMENSIONS TO BE MINIMUM 1200x675 OR 12000 AND OPENING MINIMUM 1200x675.

- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SPECIALISTS DRAWINGS AND THE SPECIFICATION.
 - DO NOT SCALE FROM THIS DRAWING MANUALLY OR ELECTRONICALLY. WRITTEN PERMISSION MUST BE OBTAINED FROM MLM PRIOR TO SCALING ELECTRONICALLY OR USING THIS ELECTRONIC FILE.
 - FOR DRAINAGE NOTES REFER TO DRAWING 619628-MLM-ZZ-XX-DR-C-0001 AND 0002.

P01	29.06.2018	FIRST ISSUE		RA	LB	DK
REV	DATE	REVISION		MADE	CHK	APP

DRAWING STATUS: **PRELIMINARY**

SUITABILITY DESCRIPTION: **SUITABLE FOR INFORMATION**

190 Eureka Park,
Upper Pemberton, Ashford,
Kent TN25 4AZ
Tel: 01233 610530
Website: www.mlmgroupp.com

CLIENT: **SUNNINGDALE HOUSE DEVELOPMENTS LTD**

PROJECT: **LARKEY WOODS FARM, COCKERING ROAD, CHARTHAM**

DRAWING TITLE: **DRAINAGE DETAILS**

DRAWN/DESIGN	RA	MLM REF	STATUS	REVISION
SCALE	AS SHOWN @A1	619628	S2	P01
PROJECT	ORIGINATOR	VOLUME/ SYSTEM	LEVELS & LOCATIONS	TYPE
619628-MLM-ZZ-XX-DR-C-0003				NUMBER