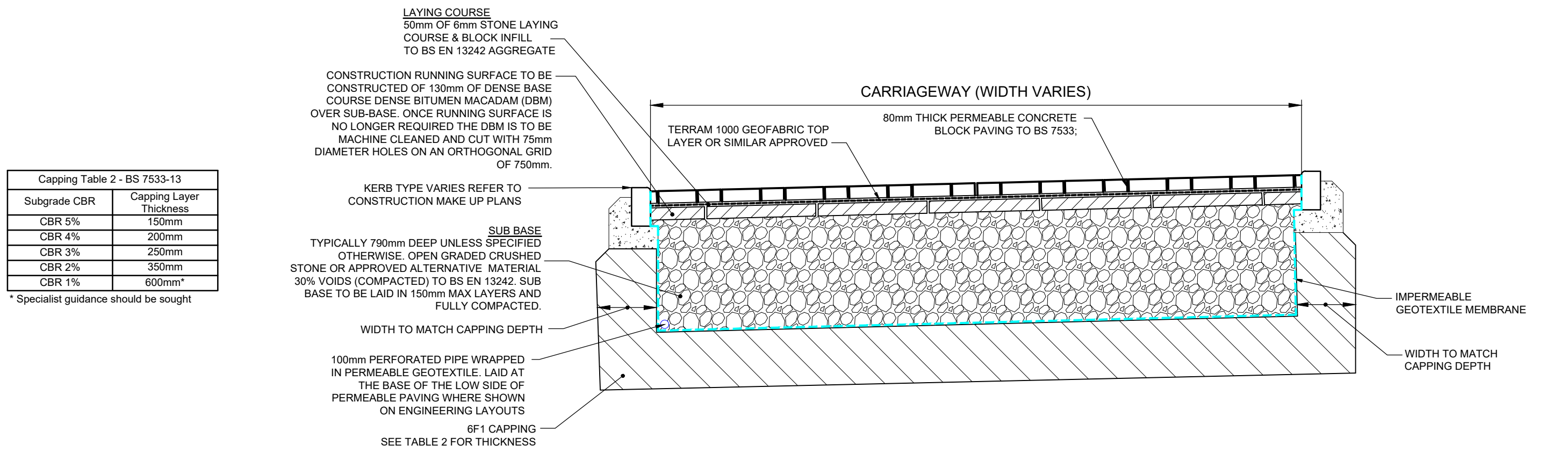
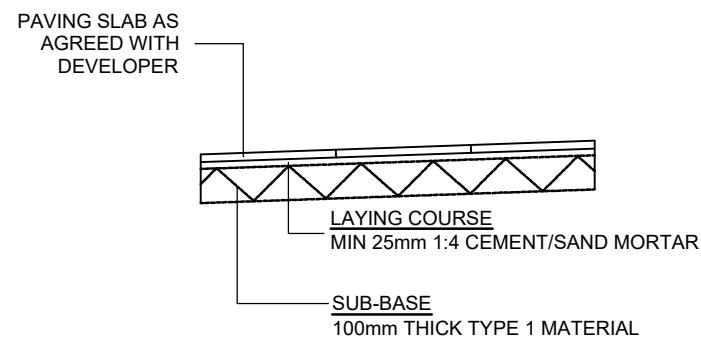




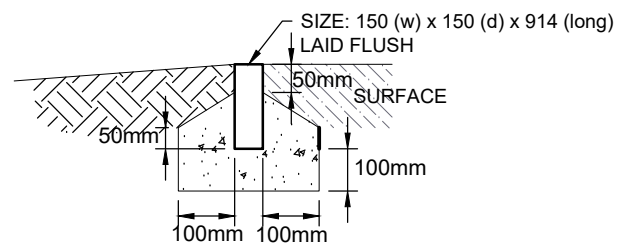
Capping Table 2 - BS 7533-13	
Subgrade CBR	Capping Layer Thickness
CBR 5%	150mm
CBR 4%	200mm
CBR 3%	250mm
CBR 2%	350mm
CBR 1%	600mm*

* Specialist guidance should be sought

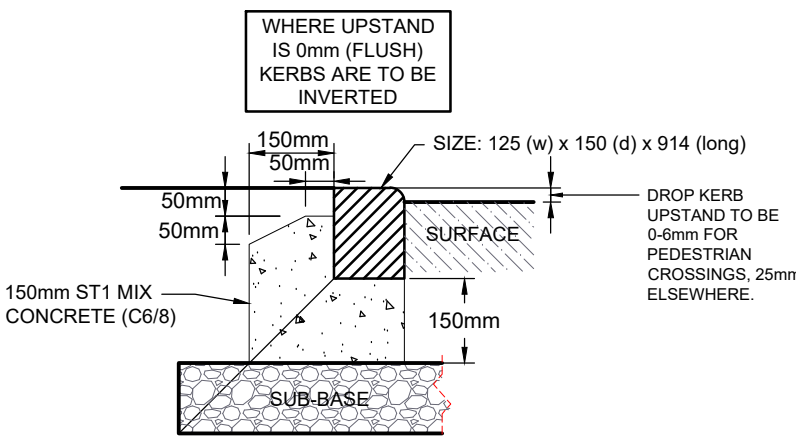
PAVING SLAB CONSTRUCTION PATHS AND PATIOS (AS PER NHBC 10.2.6)



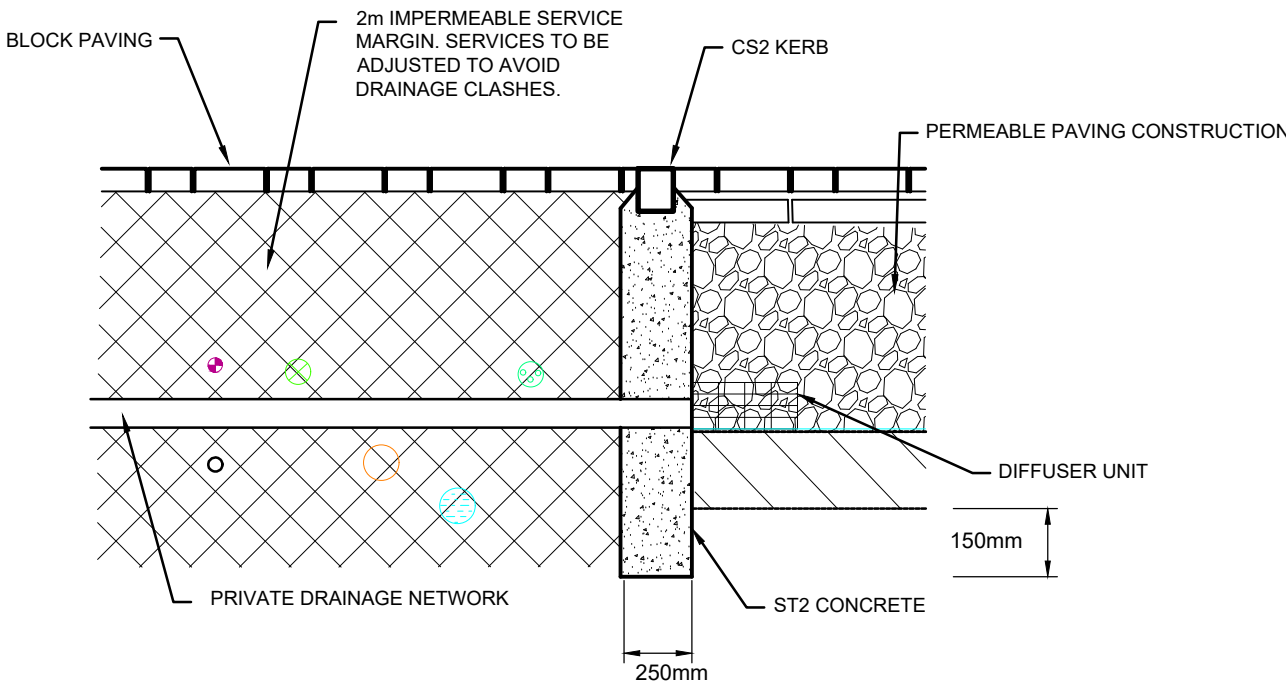
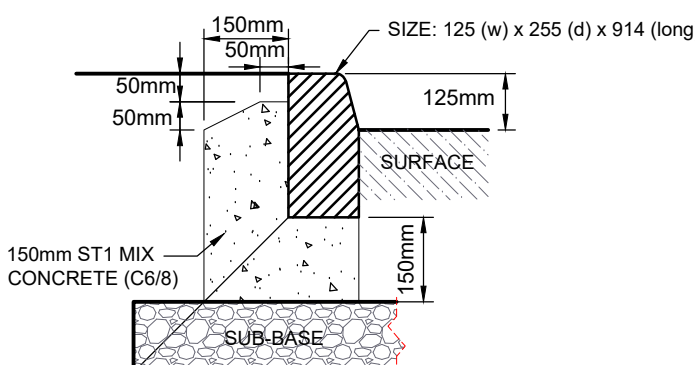
EDGING KERB



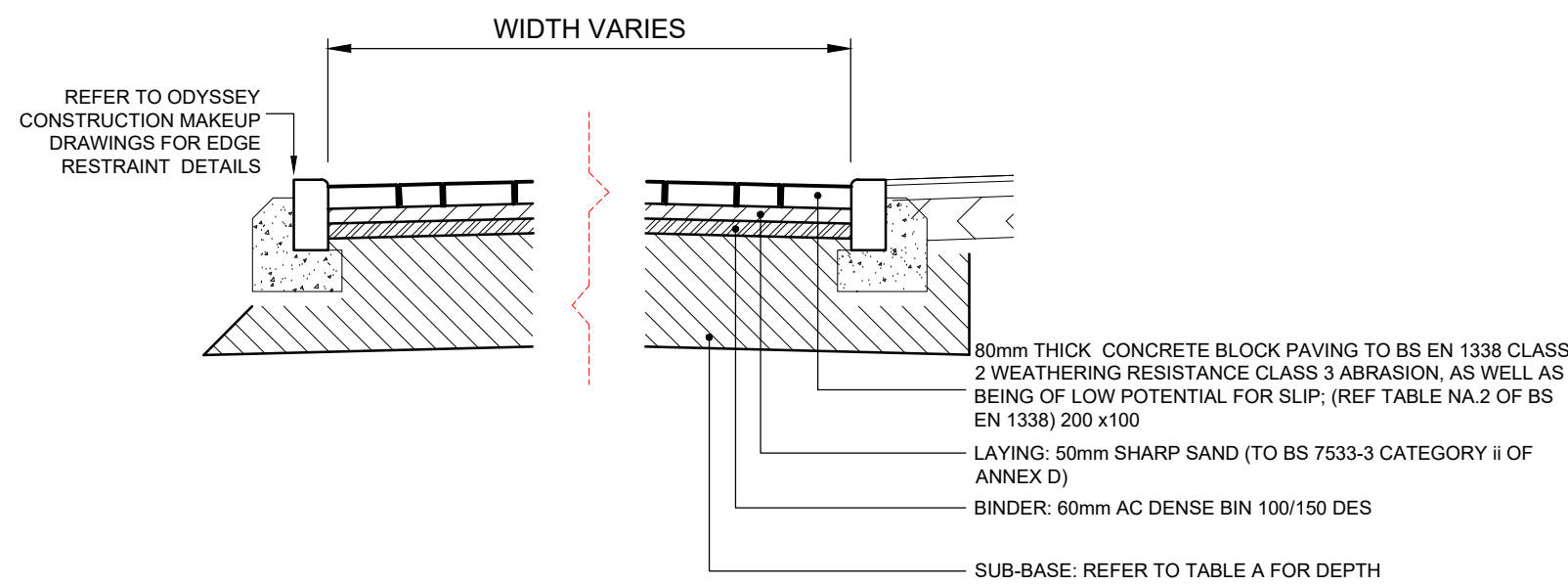
BULLNOSED KERB FLUSH KERB



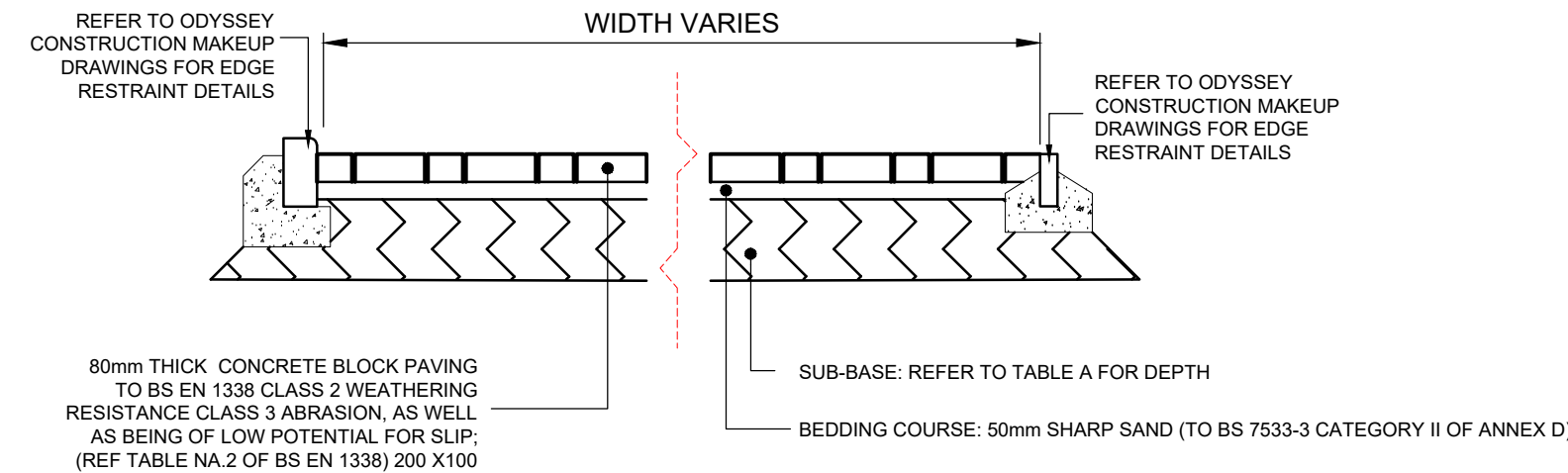
HALF BATTERED KERB



SERVICE CORRIDOR ADJACENT PERMEABLE PAVING



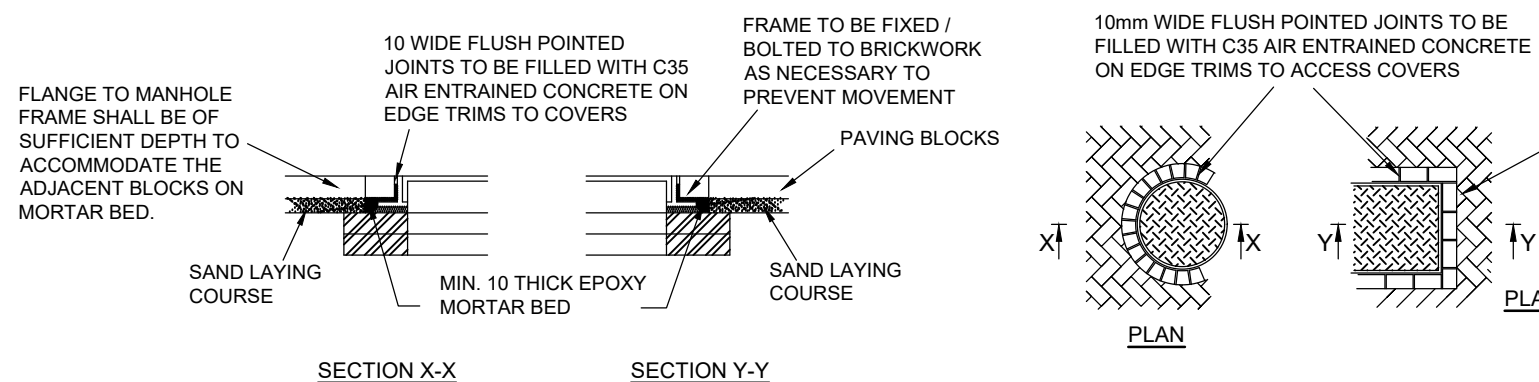
IMPERMEABLE BLOCK PAVED CARRIAGEWAY



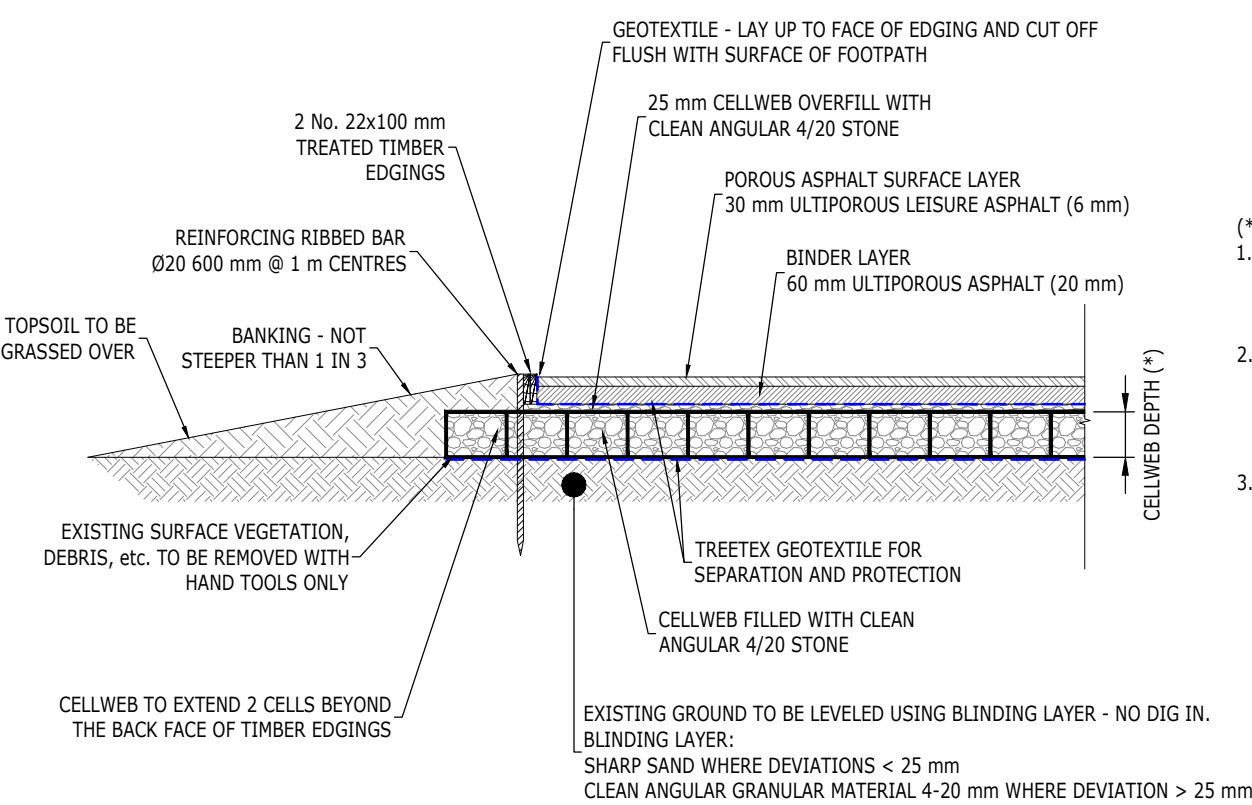
SHARED IMPERMEABLE BLOCK PAVED ACCESS ROAD AS PER NHBC TABLE 3b (TO BE USED WITHIN TEMPORARY LINK ROAD ONLY)

TABLE 'A'	
(TABLE 4 - NHBC SECTION 10.2.6.4)	
CBR (%) DETERMINED IN-SITU	MINIMUM THICKNESS OF SUB-BASE (CONSOLIDATED IN ACCORDANCE WITH MCHW VOLUME 1 CLAUSE 801, TABLE B/1)
	WITHOUT GEOTEXTILE
< 2	SUBGRADE REQUIRES IMPROVEMENT
2 - 3	325
3 - 5	250
5 - 7	150
7 - 20	100
ALTERNATIVE FOUNDATION DETAIL (TO WEST SUSSEX COUNTY COUNCIL SPECIFICATION) (APPLICABLE TO CBR OF MINIMUM 3%)	
SUB-BASE	150mm TYPE 1 MATERIAL
CAPPING	380mm CAPPING (6F2/6F5 MATERIAL)
GEOTEXTILE	INSTALLED AT BASE OF CAPPING BETWEEN CAPPING AND SUBGRADE
TOTAL CARRIAGEWAY CONSTRUCTION DEPTH MUST BE GREATER THAN 450mm TO NEGATE SUSCEPTIBILITY TO FROST PENETRATION, IRRESPECTIVE OF CBR VALUE. IF NEEDED SUB-BASE THICKNESS TO BE INCREASED OR CAPPING ADDED TO MAKE UP THE CONSTRUCTION DEPTH.	

EDGE TRIMS TO ACCESS COVERS WITHIN BLOCK PAVING

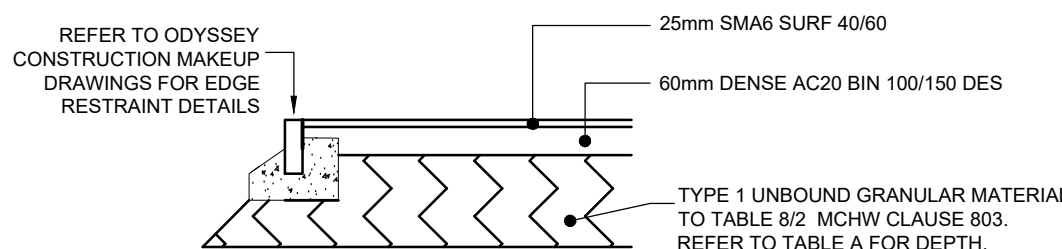


FOOTPATH WITH CELLWEB (NO DIG CONSTRUCTION WITHIN TREE ROOTS PROTECTION AREAS)

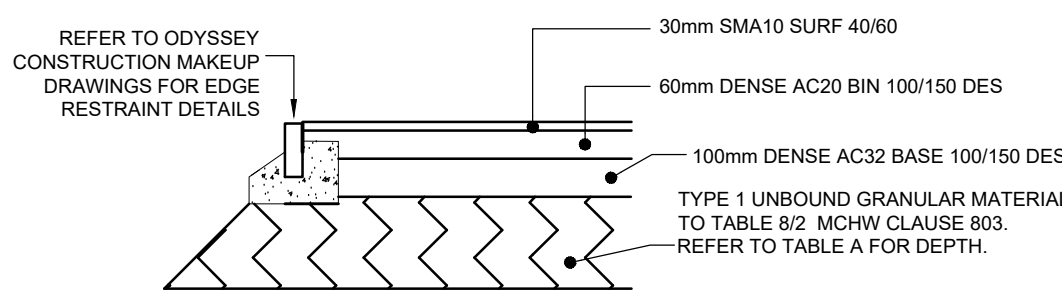


- (*) CELLWEB DEPTH NOTES:
- CELLWEB DEPTH MUST BE SELECTED SO THE 'CBR' MEASURED AT THE TOP OF THE CELLWEB PRODUCT IS NOT LESS THAN 5% - REQUIREMENT RESULTING FROM THE REQUIREMENT THAT THE POROUS ASPHALT MUST BE FOUNDED ON CBR NOT LESS THAN 5%
 - WITH CBR OF 1% MEASURED AT AN EXISTING GROUND LEVEL (I.E. LEVEL AT WHICH CELLWEB WOULD BE INSTALLED) A MINIMUM OF TWO LAYERS OF 150 mm CELLWEB WOULD BE REQUIRED (300 mm IN TOTAL) TO ACHIEVE CBR OF 5% AT THE TOP OF CELLWEB.
 - WITH CBR OF 2% MEASURED AT AN EXISTING GROUND LEVEL A SINGLE LAYER OF 200 mm CELLWEB WOULD BE REQUIRED TO ACHIEVE CBR OF 5%.

PRIVATE ASPHALT DRIVEWAY AS PER NHBC TABLE 3d



PRIVATE ASPHALT CARRIAGEWAY AS PER NHBC TABLE 3a



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 - ALL DIMENSIONS SHOWN ON THIS DRAWING ARE IN METRES
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 - NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PERMISSION FROM THE ENGINEER.

**FOR CONSTRUCTION
SUBJECT TO TECHNICAL
APPROVAL**

G ALTERNATIVE SUB-BASE ARRANGEMENT ADDED	AK	BO	BAC	20.03.26
F NO-DIG FOOTPATH ADDED, NHBC REFERENCE NOTES UPDATED	AK	BO	BAC	24.11.25
E PRECAST CONCRETE DISHED CHANNEL DETAIL ADDED	AK	BAC	BAC	31.07.25
D SHARED IMPERMEABLE BLOCK PAVED ACCESS ROAD DETAIL ADDED	CLL	LP	TG	19.09.24
C PAVING SLAB DETAIL ADDED	CLL	LP	TG	03.09.24
B DETAILS AMENDED TO SUIT LATEST NHBC STANDARDS	CLL	LP	TG	26.07.24
A PERMEABLE PAVING DETAIL AMENDED	LP	TG	TG	02.04.24
Rev Amendments		Dm	Chk	App Date

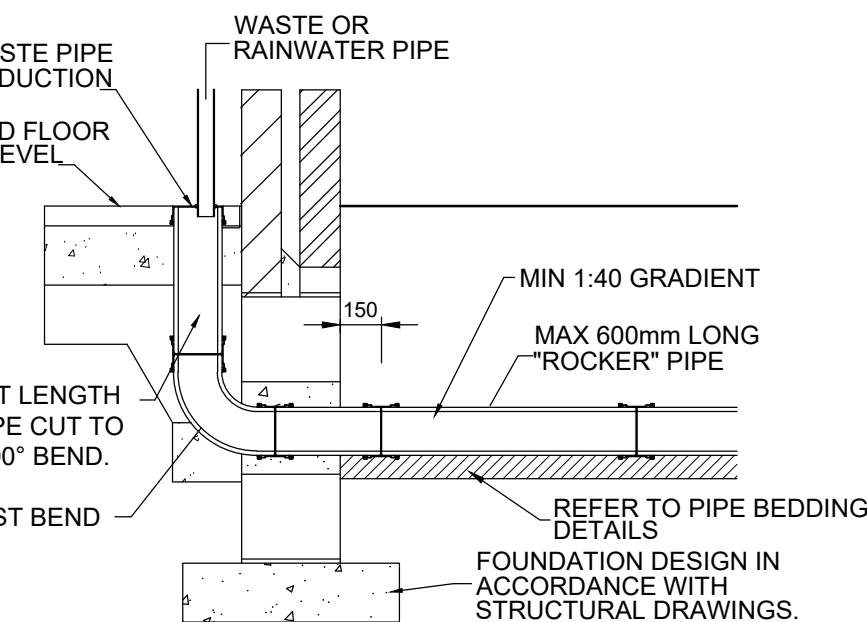
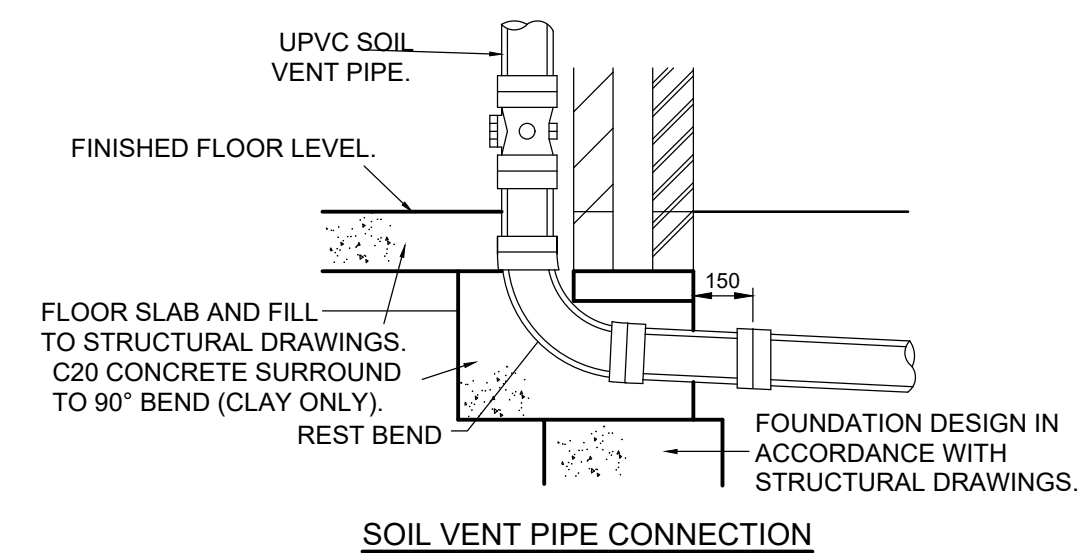
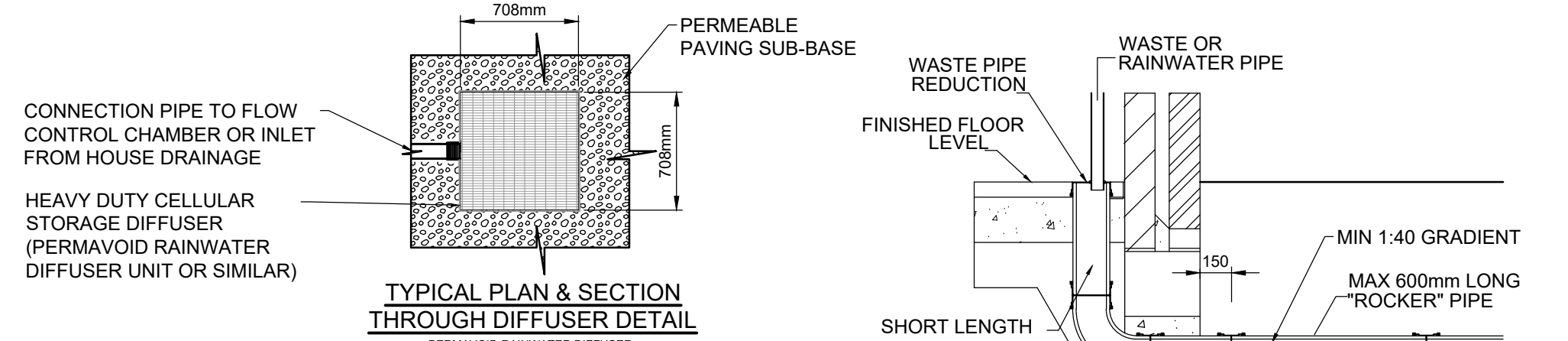
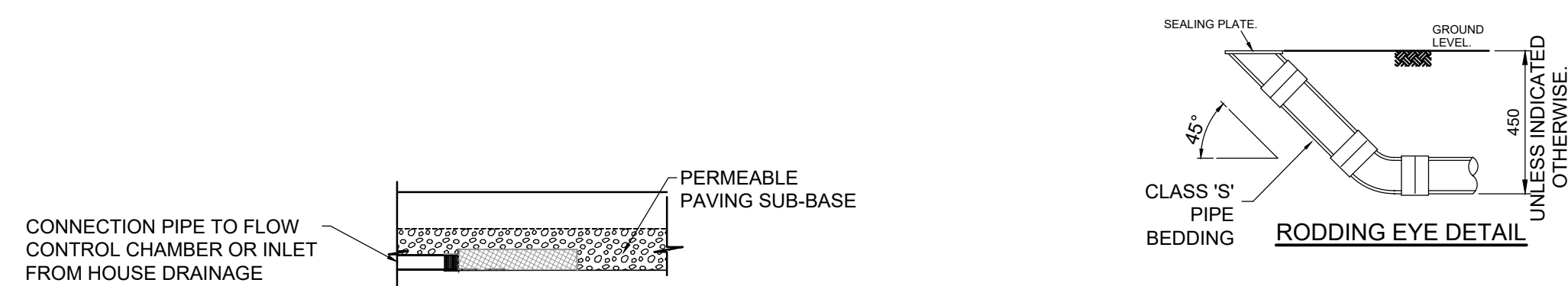


RUSTINGTON GOLF COURSE

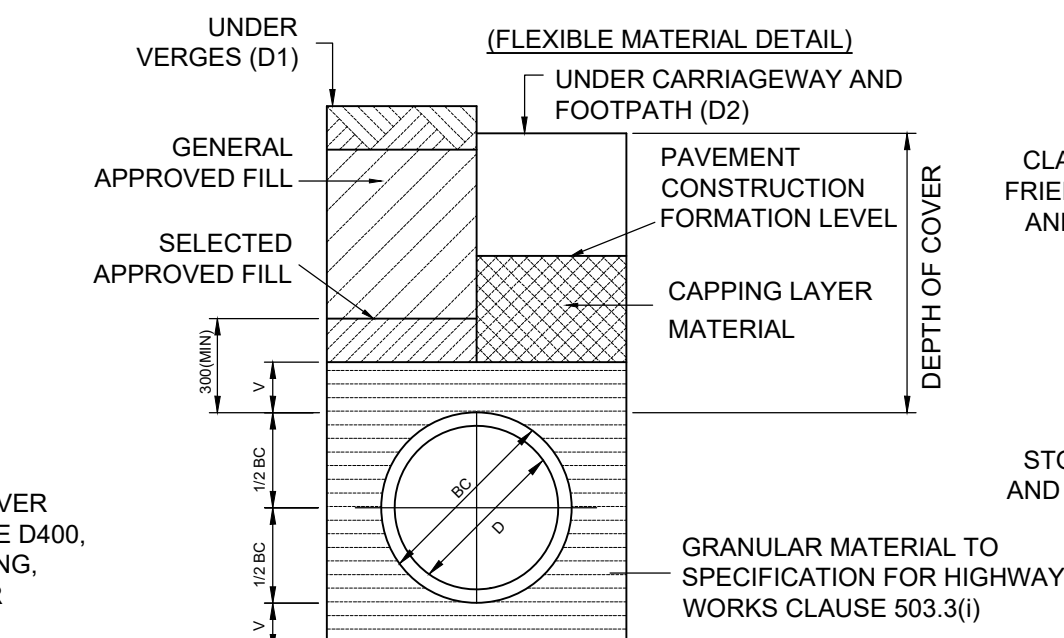
**HIGHWAY CONSTRUCTION
DETAILS**



Scale NTS @A1	Date AUG 23	Designed CLL
Drawn CLL	Checked LP	Approved TG
Job No 23-104	Drawing No CIV-1-4007	Rev G

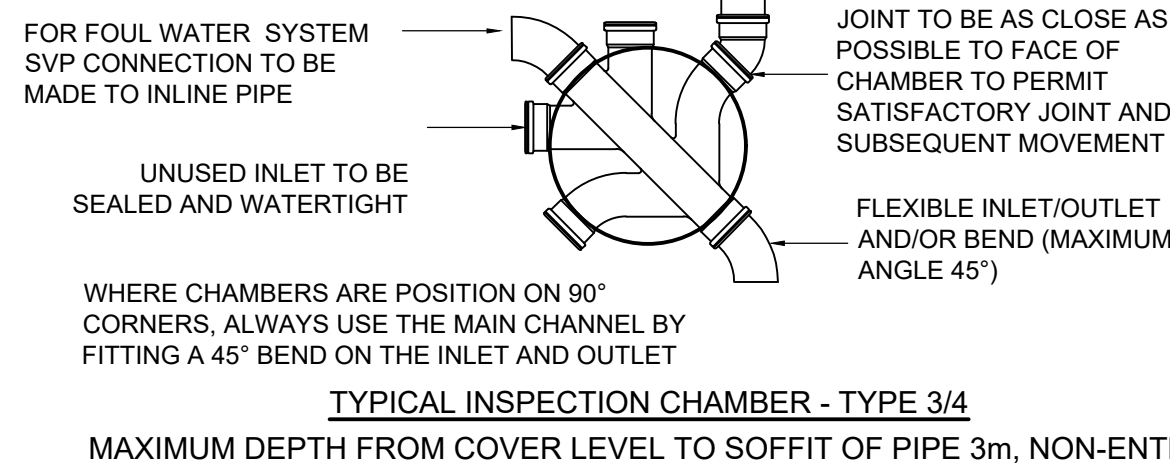


WASTE PIPE DIRECT CONNECTION DETAIL



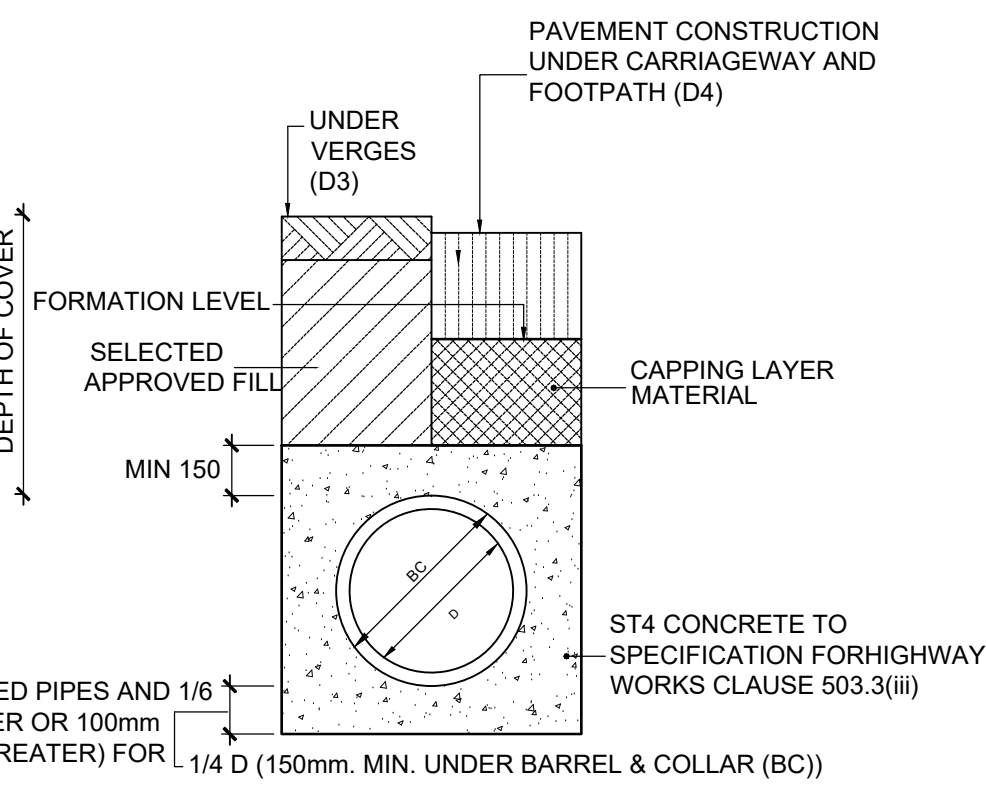
BEDDING DETAIL - CLASS 'S'

TO BE USED IN PEDESTRIAN AND LANDSCAPED AREAS NOT SUBJECT TO VEHICULAR LOADING. MAXIMUM DEPTH TO INVERT 600mm.



TYPICAL INSPECTION CHAMBER - TYPE 3/4

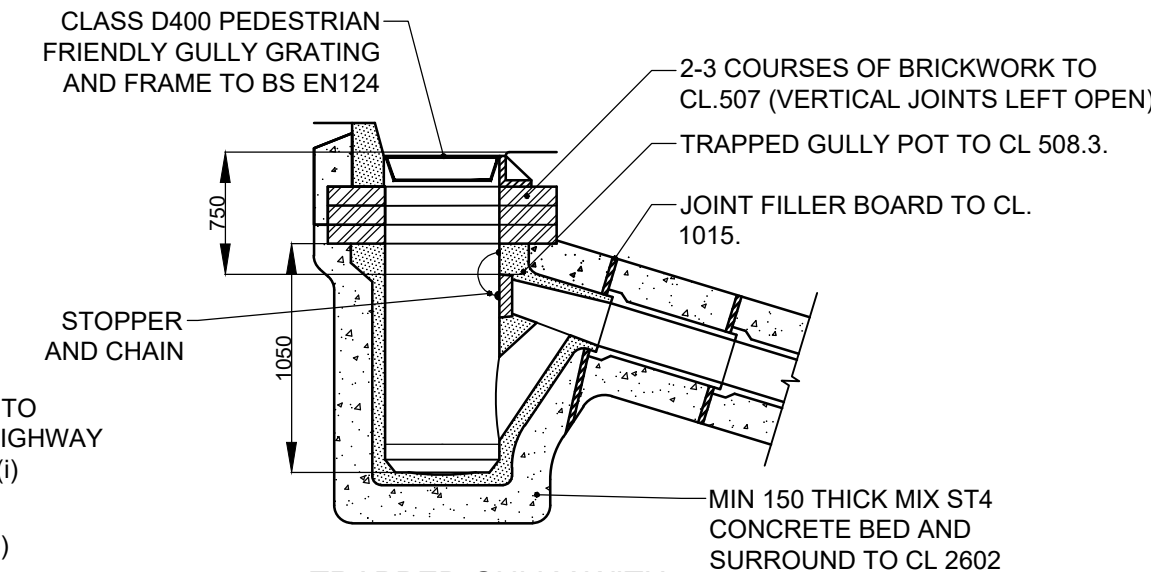
MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3m, NON-ENTRY



BEDDING DETAIL - CLASS 'Z'

DESIGN D3 (UNDER VERGES - <900 COVER) DESIGN D4 (UNDER CARRIAGEWAYS - <1200 COVER)

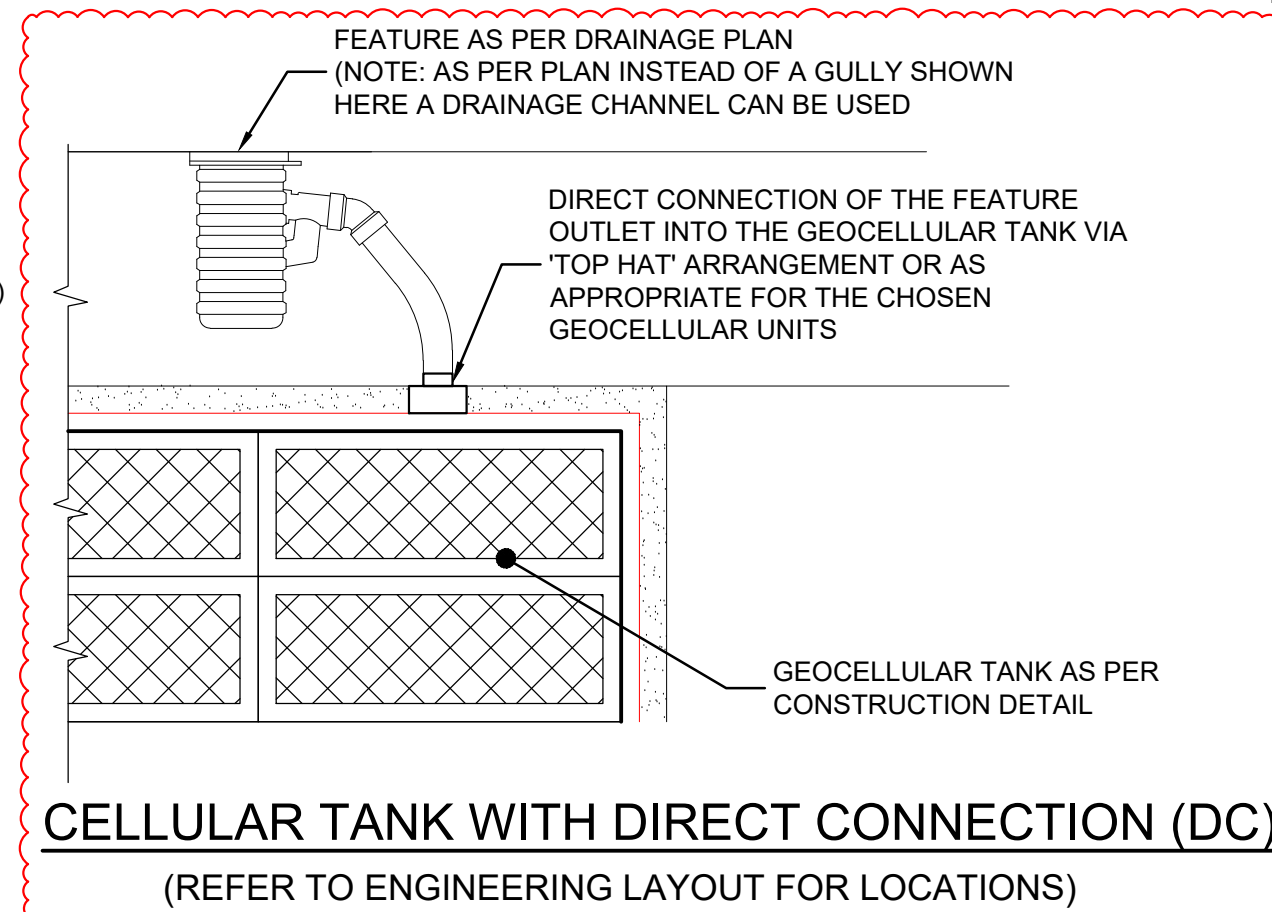
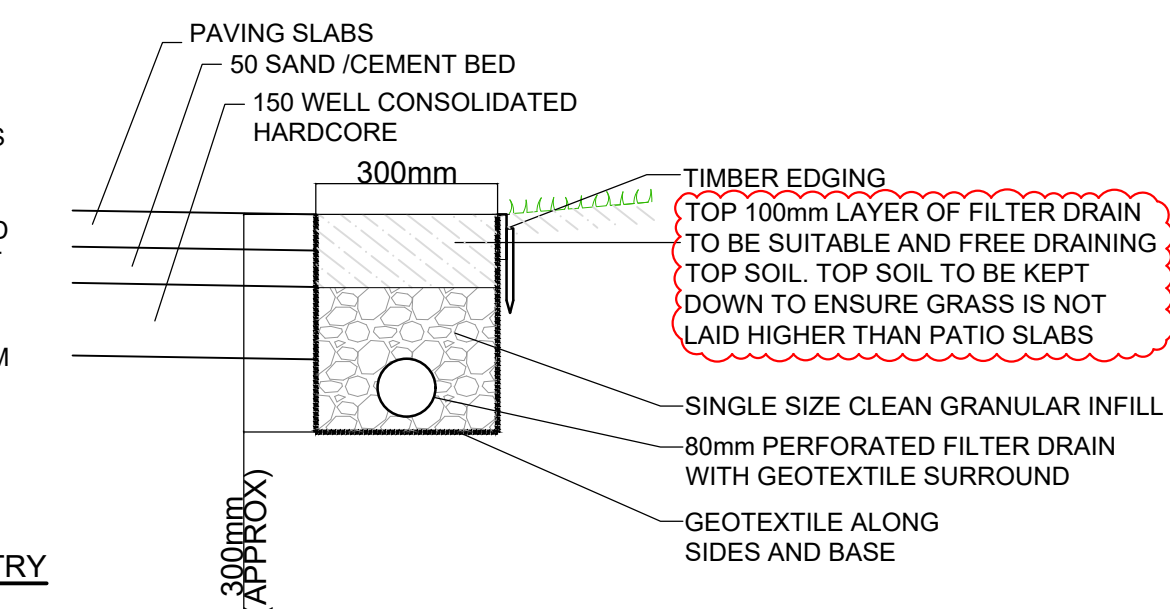
FOR PRIVATE DRAINAGE ONLY. NOT TO BE USED FOR ADOPTABLE SEWERS



TRAPPED GULLY WITH SPIGOT OUTLET

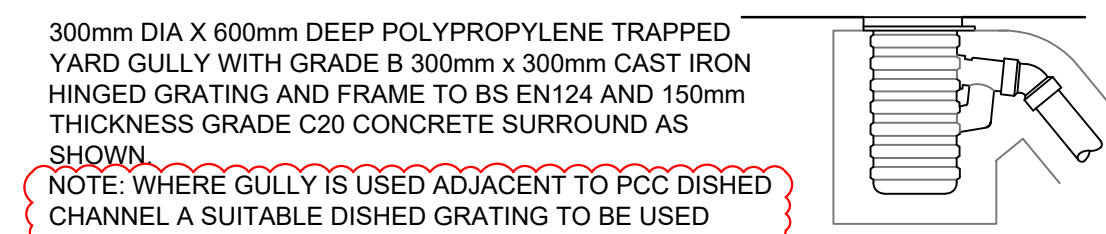
180-200mm CAPACITY

REAR TYPICAL FILTER DRAINAGE SECTION - N.T.S

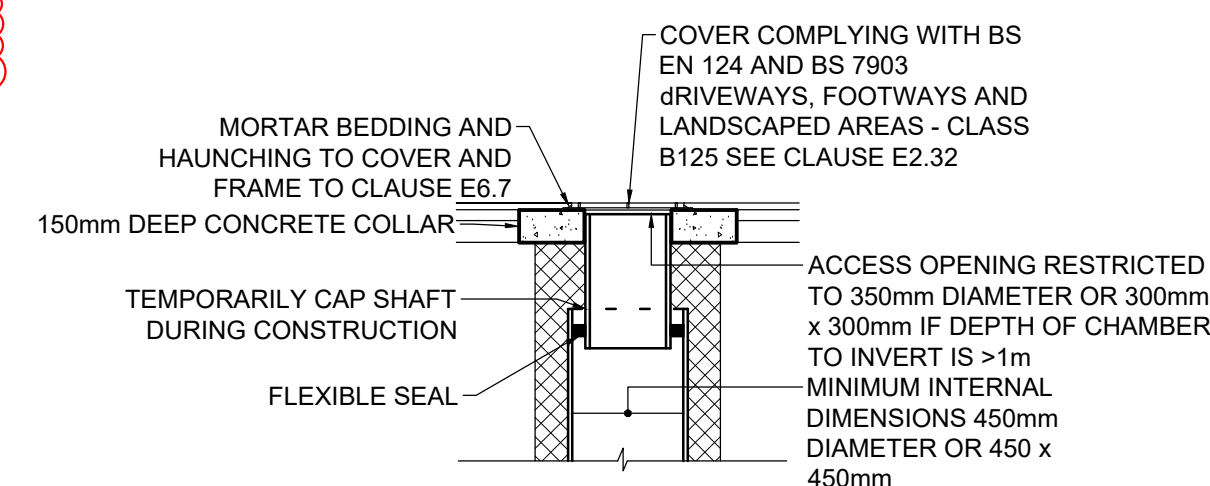


CELLULAR TANK WITH DIRECT CONNECTION (DC)

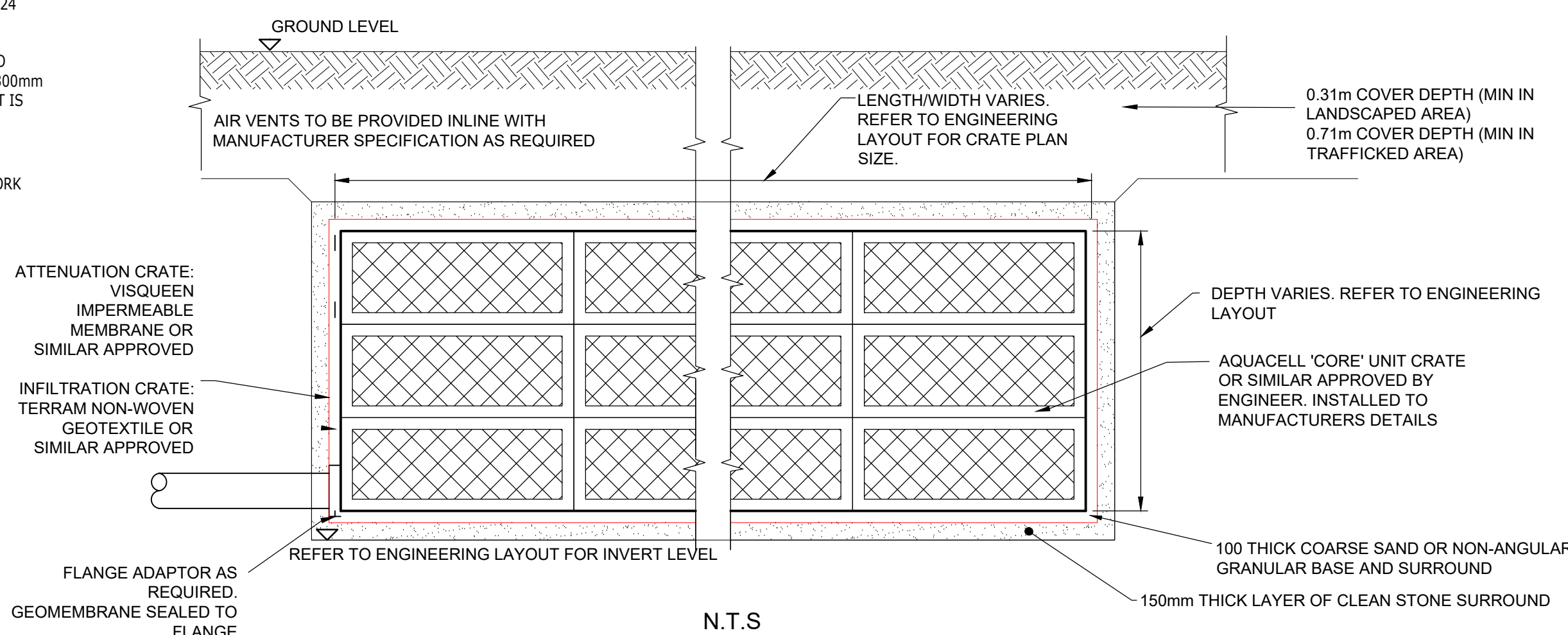
(REFER TO ENGINEERING LAYOUT FOR LOCATIONS)



ULTRA-RIB YARD GULLY



ALTERNATIVE TOP DETAIL FOR CHAMBERS SITED IN DOMESTIC DRIVEWAYS OR FOOTWAYS

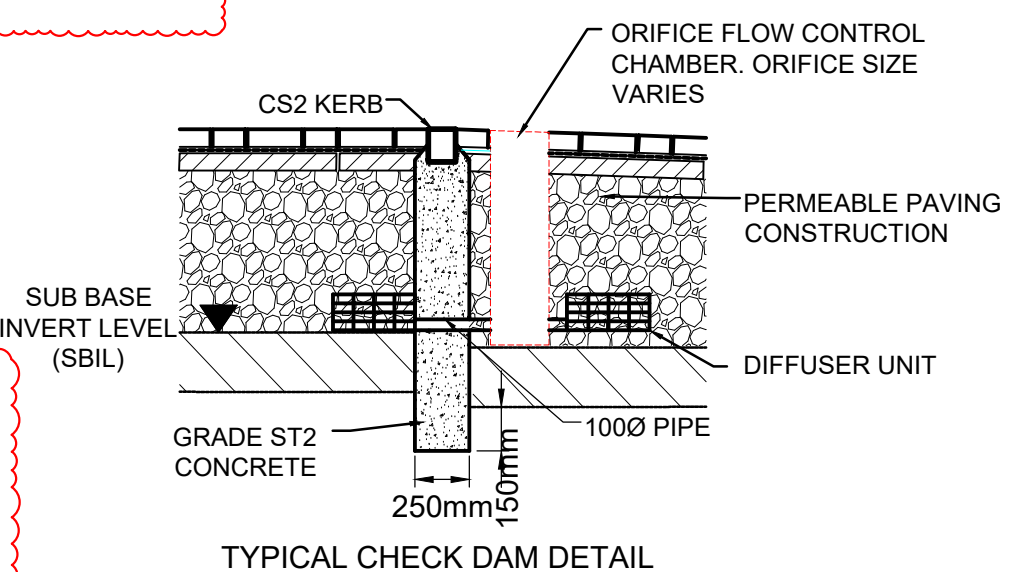


CELLULAR ATTENUATION / INFILTRATION CRATE

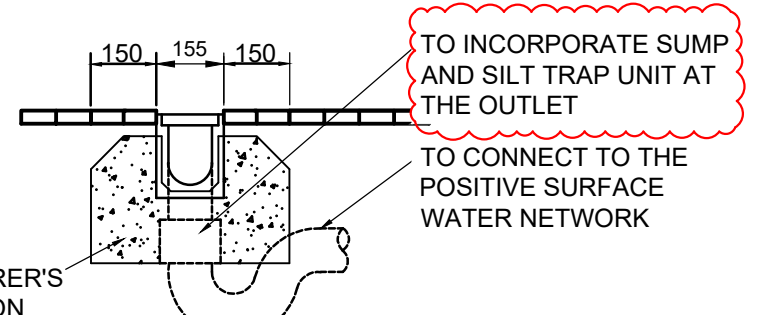
(REFER TO ENGINEERING LAYOUT FOR LOCATIONS)

NOTES

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TYPICAL CHECK DAM DETAIL



S100 POLYESTER RESIN CONCRETE DRAINAGE CHANNEL WITH CONCRETE CLASS ST4 BED AND HAUNCH. CHANNEL TO BE FITTED WITH HEAVY DUTY GRATING IN VEHICULAR AREAS. 100mm DIA OUTLET TO BE TRAPPED WITH LOW BACK P-TRAP.

TYPICAL ACO DETAIL

FOR CONSTRUCTION
SUBJECT TO TECHNICAL
APPROVAL

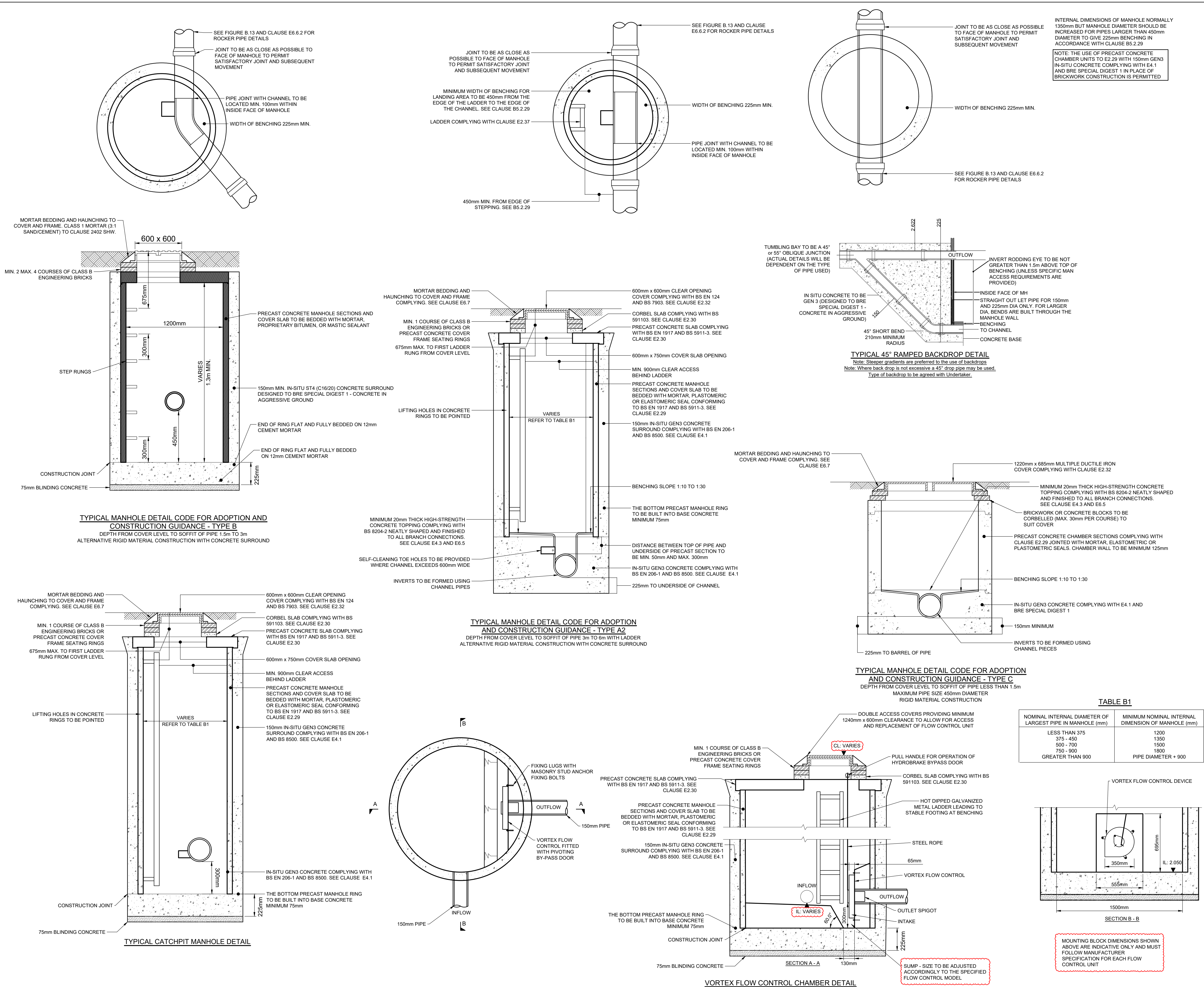
	FILTER DRAIN UPDATES AS PER CLIENT'S COMMENTS, DIRECT CONNECTION (DC) DETAIL ADDED, ACO AND YARD GULLY DETAILS UPDATED, HEADWALL AND BASIN DETAIL ADDED			AK	BAC	BAC	31.07.25
E	DETAIL FOR TYPE 3 - 600mm CHAMBER ADDED			AK	BO	BAC	07.07.25
C	UPDATED TO SUIT ICOSA COMMENTS			TB	LP	TG	20.08.24
B	ATTENUATION CRATE DETAILS REINSTITATED			CLL	LP	TG	13.08.24
A	AMENDED TO SUIT LLFA COMMENTS			CLL	LP	TG	02.04.24
Rev	Amendments	Dm	Chk	App	Date		



Job Title
RUSTINGTON GOLF COURSE

Drawing Title
**DRAINAGE CONSTRUCTION
DETAILS SHEET 1 OF 2**

Client BARRATT DEVELOPMENTS PLC	Scale NTS @A1	Date AUG 23	Designed CLL
	Drawn CLL	Checked LP	Approved TG
Job No 23-104	Drawing No CIV-1-4008	Rev E	



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FOR CONSTRUCTION
SUBJECT TO TECHNICAL
APPROVAL

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Fax: 01256 331134
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W: www.odysseyconsult.co.uk

Job Title
RUSTINGTON GOLF COURSE

Drawing Title
**DRAINAGE CONSTRUCTION
DETAILS SHEET 2 OF 2**

Client
**BARRATT
DEVELOPMENTS PLC**

Scale	Date	Designed
NTS @A1	AUG 23	CLL

Drawn	Checked	Approved
CLL	LP	TG

Job No	Drawing No	Rev
23-104	CIV-1-4009	F