

PROVIDE REMOVABLE 600mm DEEP BAFFLE BOARD ON CENTRE OF CHAMBER IN SLOT AND BASE GMS FINIS BOLTED TO SIDE WALL USING GMS M12 THREADED BOLT, WASHER AND NUT, BOARD TO BE MAX 400mm FROM COVER LEVEL.

SEE TABLE FOR MANHOLE COVER, SIZE AND DUTY DETAILS - BED FRAME USING RESIN MORTAR ONLY

COVER LEVEL:

IMPORTANT NOTE:
PROVIDE 87.5° PVCu ACCESS TEE ON THE OUTLET AS OSMa 4D193 or 6D193 WITH ACCESS AS 4D292 or 6D292

OUTLET LEVEL TO BE 50mm BELOW THE INLET AND BELOW WATER LEVEL.

PROVIDE 600mm LONG ROCKER PIPE WITH FLEXIBLE CONNECTION 150mm AND 750mm FROM FACE OF CHAMBER STRUCTURE

MAKE GOOD ALL HOLES AND JOINTS WITH HYDROPHILIC SEALANT.

DIPPED ACCESS TEE FOR WATER TRAP

MIN 150mm THICK ST2 CONCRETE SURROUND UPON A 200mm THICK ST2 CONCRETE BASE - SEE PROJECT DRAWINGS FOR SIZES

GENERAL SIZING OF CHAMBER (SEE PROJECT DRAWINGS FOR ACTUAL SIZES)

DEPTH	INT SIZE
< 1.0m	750Ø
1.0 - 1.5m	900Ø
> 1.5m	USE PCC SW CP DETAIL

PROVIDE 600mm LONG ROCKER PIPE WITH FLEXIBLE CONNECTION 150mm AND 750mm FROM FACE OF CHAMBER STRUCTURE

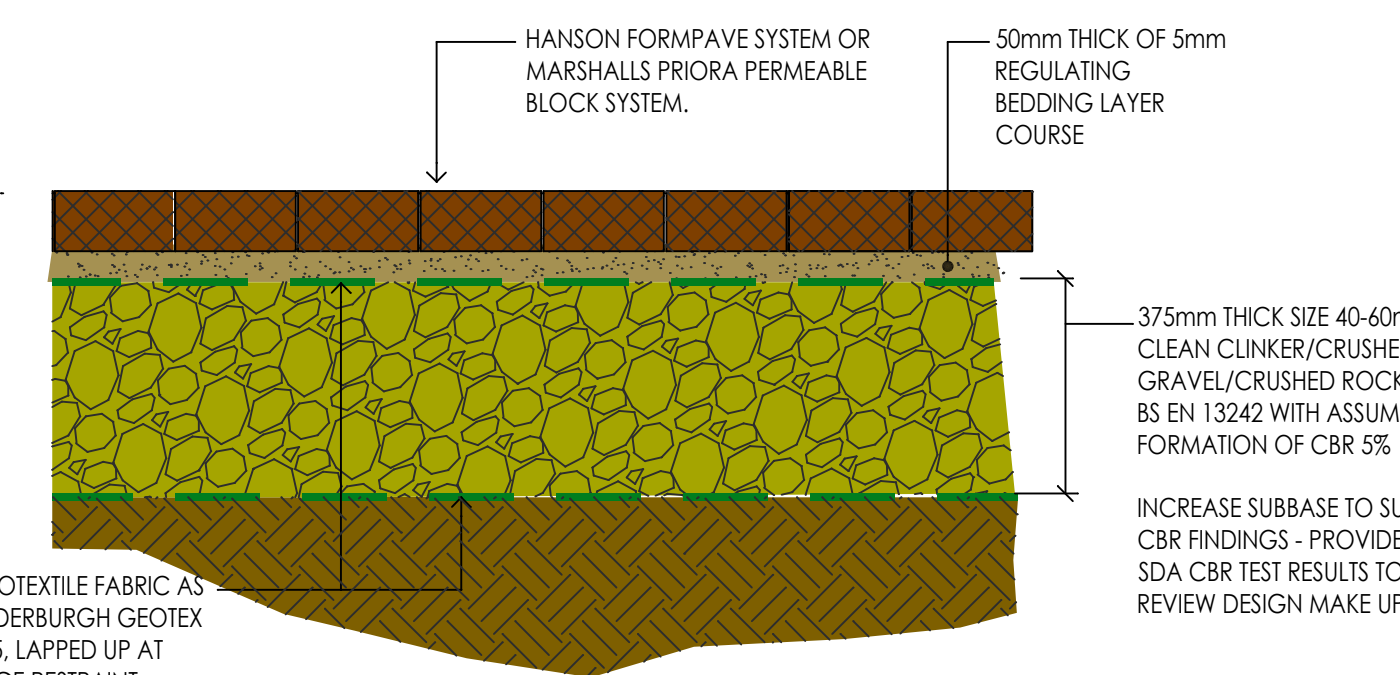
TWIN WALL PLASTIC PIPE AS POLYPIPE OR EQUAL APPROVED PRODUCTS TO BE CUT TO SUIT WITH PIPE HOLES DRILLED TO SUIT LEVELS REQUIRED WITH PIPE CAST AND SURROUNDED IN MIN 150mm THICK GEN1 CONCRETE.

LOCATION	FINISH	DUTY	COVER TYPE
EXTERNAL - BRICK & PCC	PAVED	FACTA B	600mm SQUARE RECESSED COVER AS SAINT GOBAIN STEELWAY BRIPAVE RANGE
EXTERNAL - PPIC	BLACKTOP	D400	450mm SQUARE SLIDE OUT COVER AS SAINT GOBAIN INTER-AX
INTERNAL	TILED/VINYL	FACTA B	900 x 600 COVER TO BE HOWE GREEN AIR AND WATER TIGHT AS 7500 SERIES.

1. ALL SIZES OF CLEAR OPENINGS SHOULD BE AT LEAST SIZE OF INSPECTION CHAMBER FOR 300Ø PPACs AND 450Ø PPICs.

2. FOR LARGER CONCRETE AND BRICK MANHOLE CHAMBERS MIN SIZE SHOULD BE 700 x 700 - REFER TO MH DATA BOX ON PROJECT DRAWINGS

DETAIL No. 6 - POLYPROPYLENE STORM WATER CATCHPIT (PP SWCP)



DETAIL No. 8 - PERMEABLE DRIVEWAY CONSTRUCTION

This drawing is copyright and remains in the ownership of Simon Dent Associates (SDA)

This drawing should be read in conjunction with the design team's relevant documents, drawings & details.

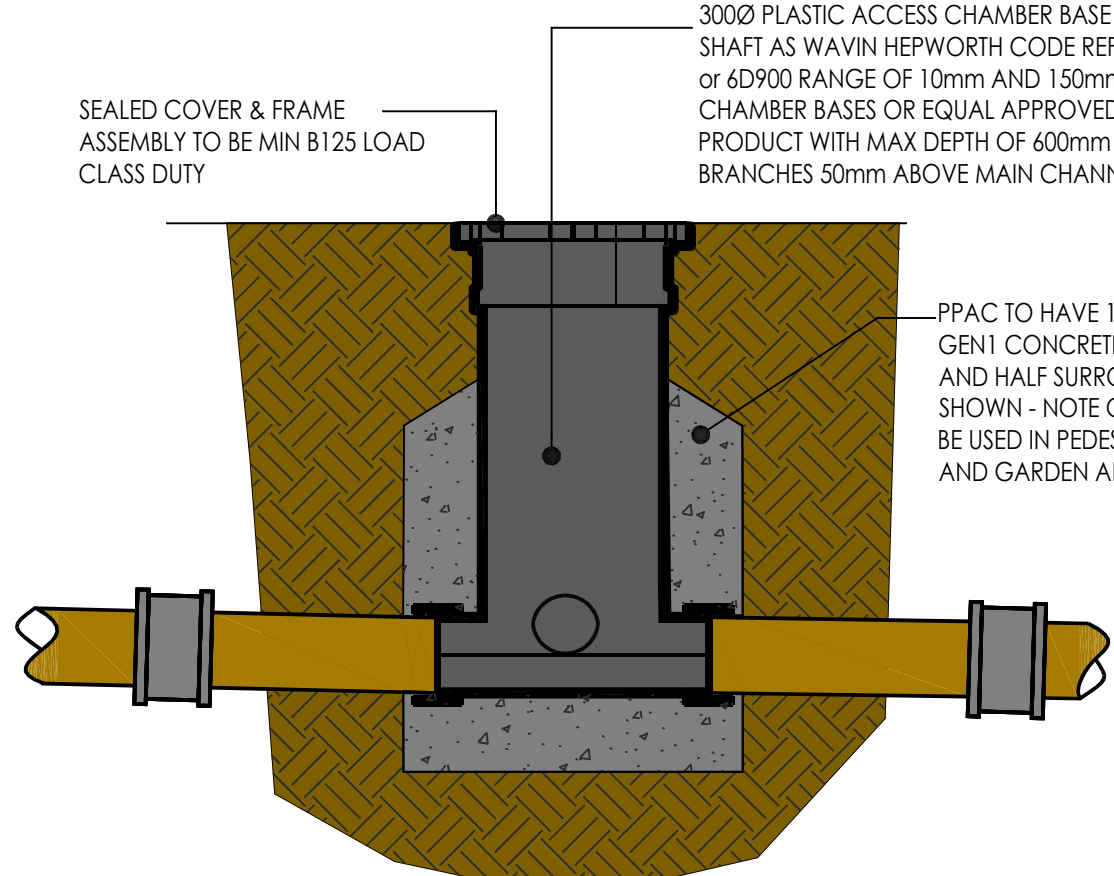
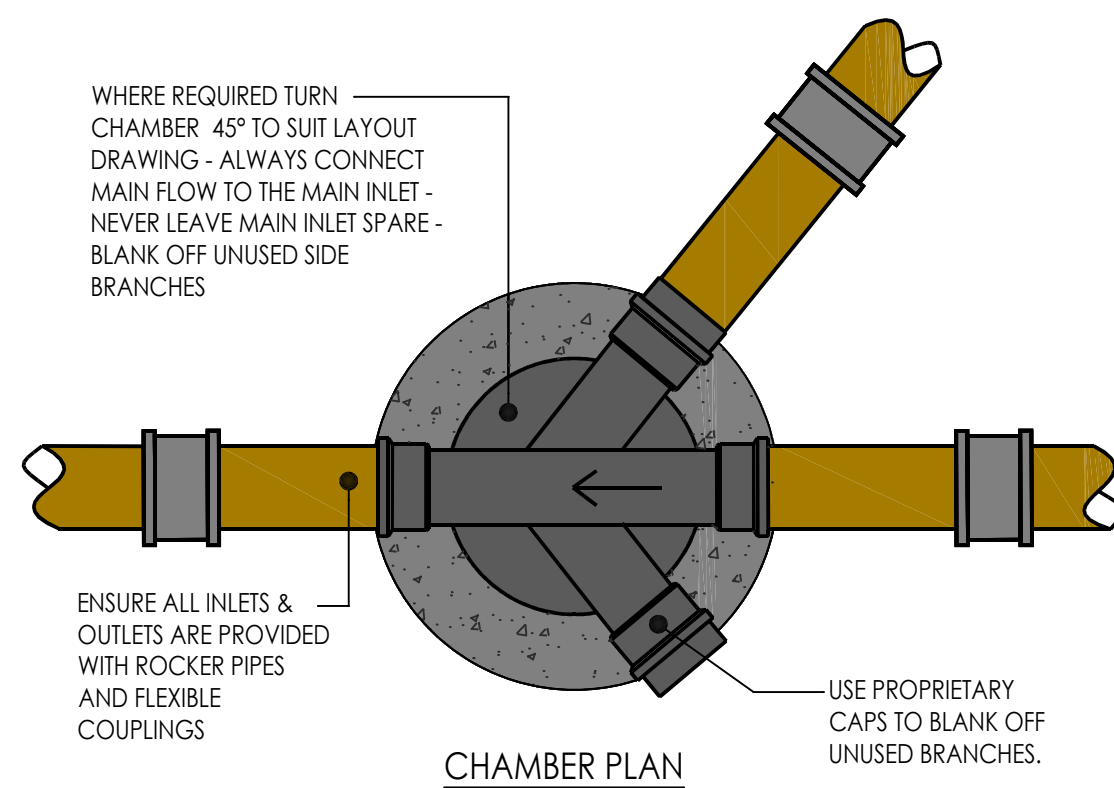
Existing public & private utility services and drainage locations shown have been derived from non-intrusive survey techniques. Their location is not accurate and the contractor must satisfy himself using open excavation where the location of such plant and apparatus is critical in construction.

If the contractor has constructed from this drawing without necessary approvals from Local Planning Authorities, Building Control, Sewerage Undertakers, Environment Agency etc then any abortive work shall be at his own financial risk and not the responsibility of SDA.

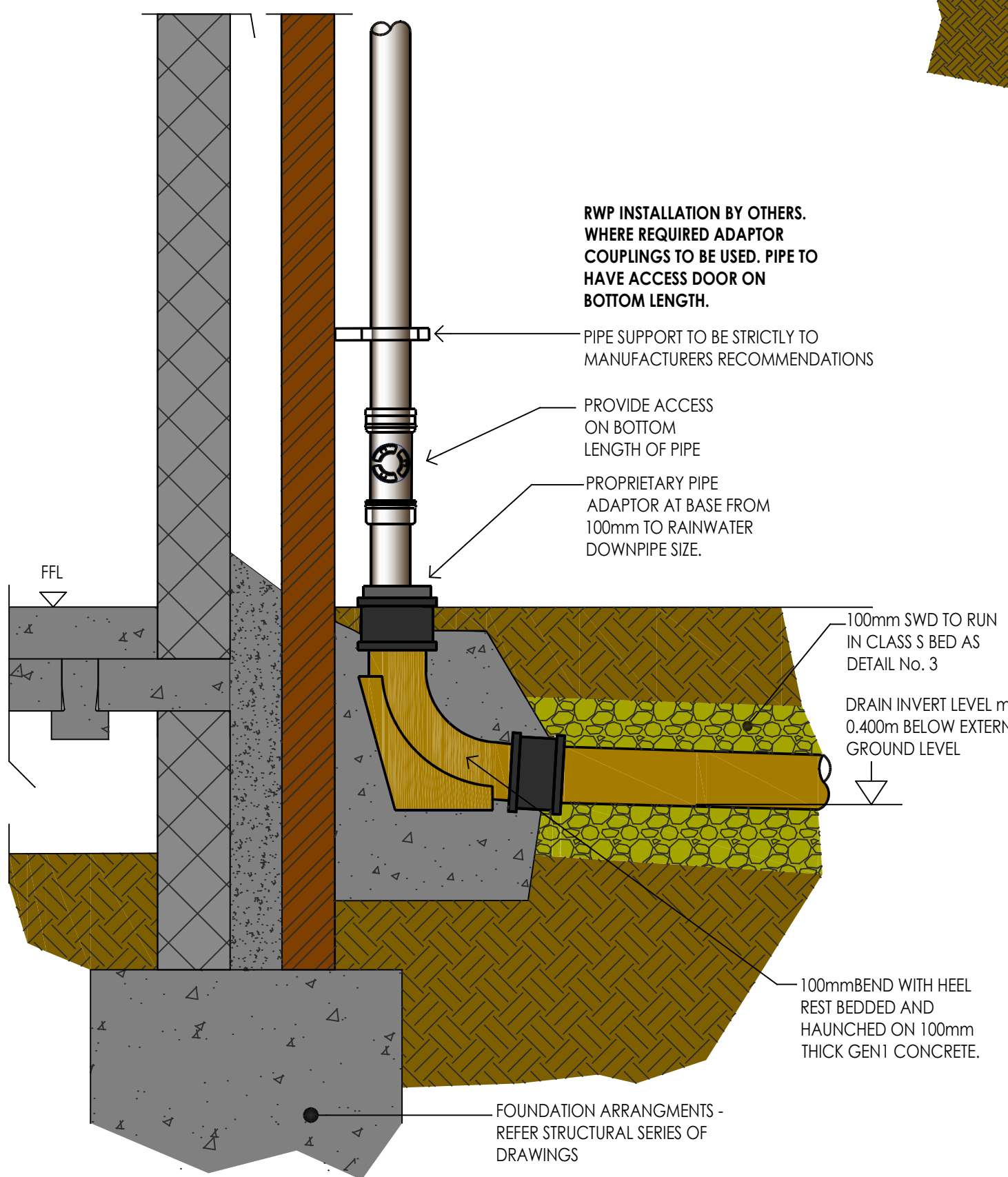
If the contractor has constructed from this drawing whilst the drawing remains 'PRELIMINARY' status, then any abortive work shall be at his own financial risk and not the responsibility of SDA.

The contractor should NOT construct any works should there be any doubt with information shown from any of the source. ALWAYS USE GIVEN DIMENSIONS ONLY. ALWAYS ASK IF IN DOUBT.

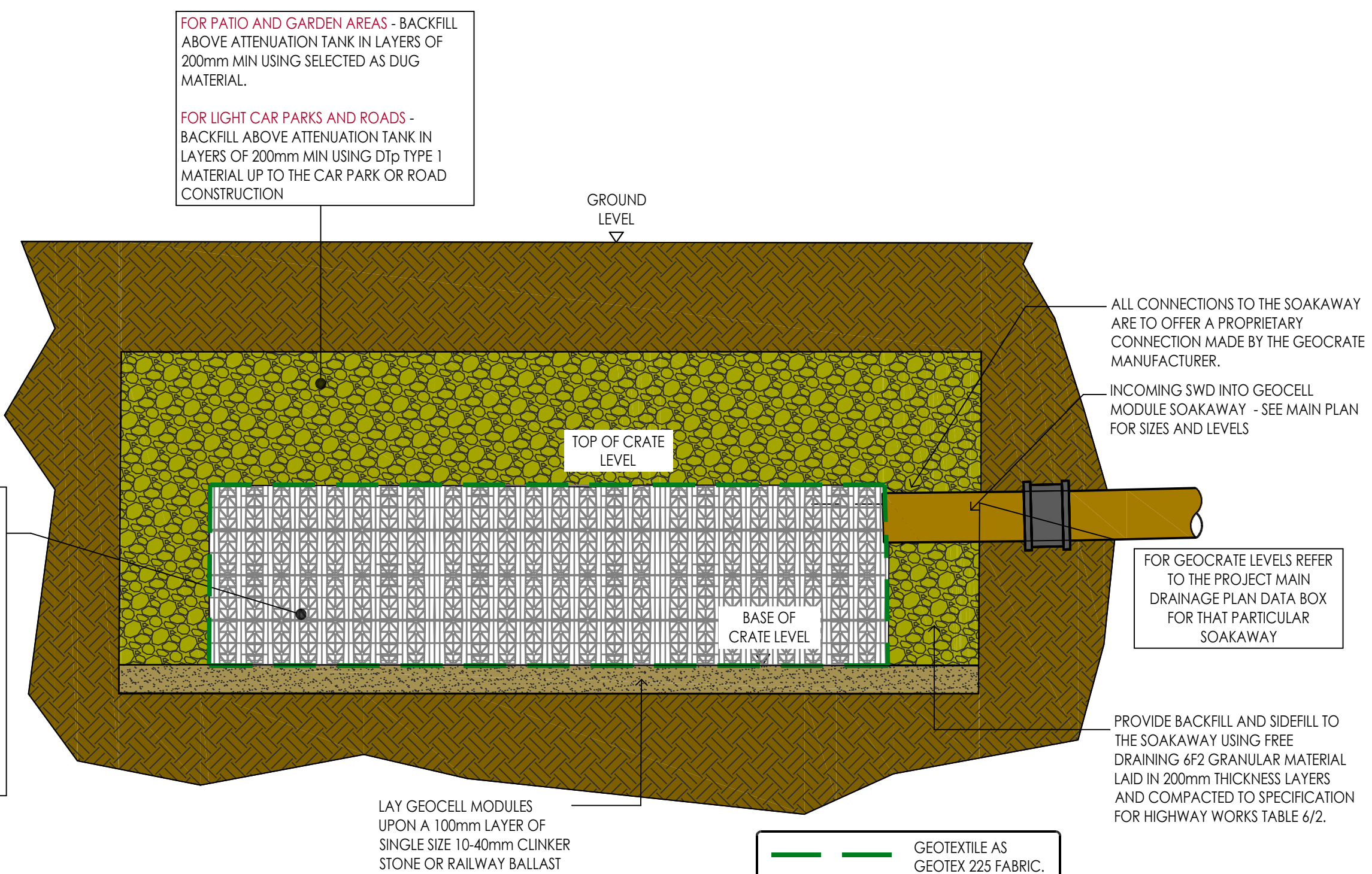
ALWAYS PRINT THIS DRAWING IN COLOUR



DETAIL No. 9 300Ø POLYPROPYLENE ACCESS CHAMBER (PPAC)



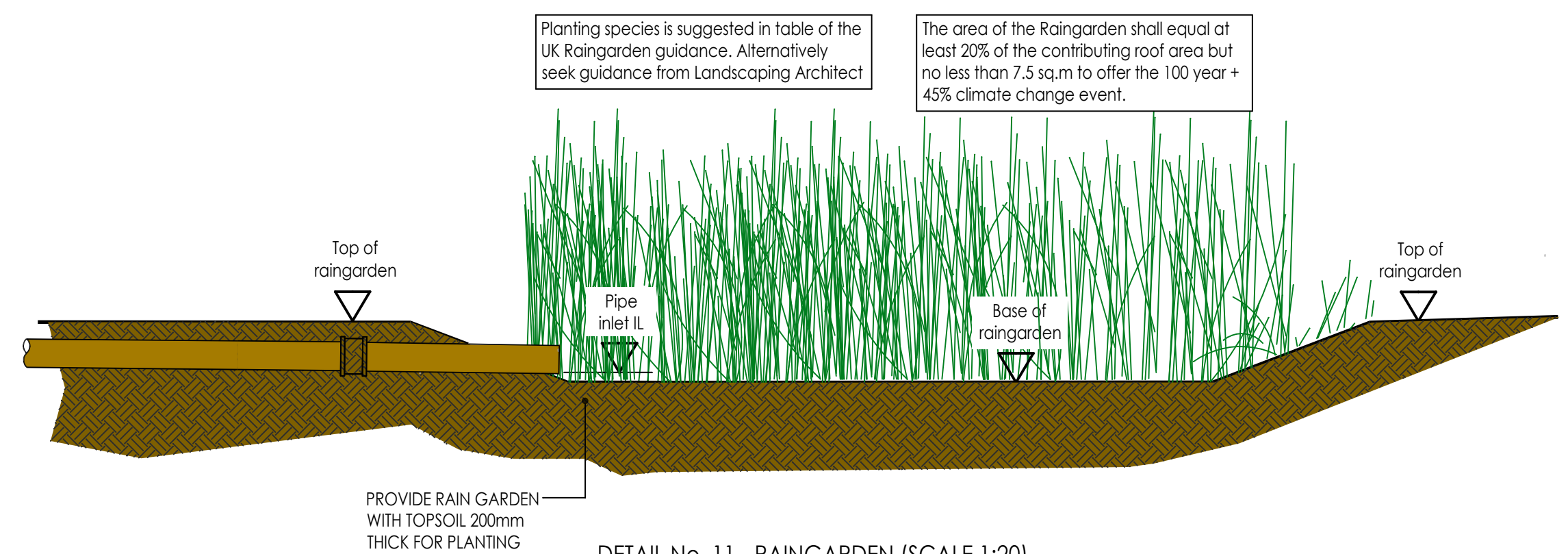
DETAIL No. 10 - EXTERNAL RAINWATER PIPE (RWP)



GEOCELL ATTENUATION TANK TO HAVE FOLLOWING DUTIES TO SUIT AREAS:-

PATIOS / GARDENS	200 KNM ²
LIGHT CAR PARKS	650 KNM ²
ROADS	900 KNM ²

TYPE: USE ALDERBURGH, WAVIN OR POLYPIPE UNITS WITH ACCESSIBLE MAIN CHANNEL THROUGHOUT TANK FOR JETTING CAPABILITY. REFER MAIN PROJECT DRAWING FOR DEPTH AND SIZE OF MODULES REQUIRED FOR PROVIDING THE REQUIRED STORAGE. ALL UNITS TO BE BEDDED ON MIN 200mm THICK 10-20mm REGULATING STONE LAYER AND SURROUNDED IN FREE DRAINING MATERIAL AND WRAPPED IN GEOMEMBRANE AND GEOTEXTILE AS KEY



DETAIL No. 11 - RAINGARDEN (SCALE 1:20)

P1	PRELIMINARY ISSUE	26-09-24	SAD
Rev	Description	Date	Chkd

SIMON DENT ASSOCIATES

Civil - Infrastructure - SuDS - Flood Risk - Drainage - Rainwater - Sanitation - Public Health

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Project	Sussex Business Centre Barnham
Drawing title	Drainage details sheet 2
Drawing status	PLANNING ISSUE

Project no	Scales	Drawing no	Rev
1859	A1 - 1:10 A3 - 1:20	201	P1