PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH CLAUSE E2.31 MORTAR BEDDING AND HAUNCHING TO COVER AND FRAME TO CLAUSE E6.7 150mm DEEP CONCRETE COLLA JOINTS BETWEEN BASE AND SHAFT COMPONENTS TO BE FITTED WITH WATERTIGHT SEALS. JOINT TO BE AS CLOSE AS POSSIBLE TO FACE OF CHAMBER TO PERMIT SATISFACTORY JOINT AND SUBSEQUENT MOVEMENT

TYPICAL INSPECTION CHAMBER - TYPE E (FLEXIBLE MATERIAL) DEPTH FROM COVER TO SOFFIT OF PIPE UP TO 2m FLEXIBLE MATERIAL FOR USE IN DRIVEWAYS/PAVED AREAS SCALE 1:20

TERRAM FILTER FABRIC -150mm MINIMUM INTERNAL DIAMETER YARD GULLY POT PERMEABLE BLOCKS BY MARSHALLS OR SIMILAR APPROVED LAID ON 30mm 2/6.3 OGCR LAYING COURSE ON 100mm THICK 4/20 OPEN GRADED CRUSHED ROCK/GRAVEL ON IMPERMEABLE TANKING MEMBRANE 150mm THICK CONCRETE _ BED AND SURROUND PERMEABLE PAVING- PATH/PATIO

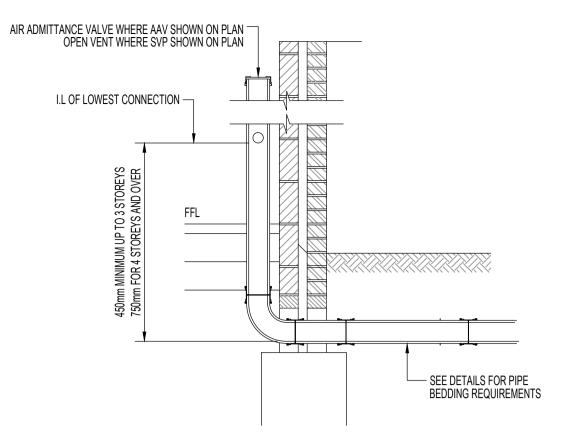
TYPICAL RAINWATER PIPE CONNECTION DETAIL IN TO YARD GULLY POT SCALE 1:20

-RAINWATER PIPE

- GRATING GRADE TO SUIT LOCATION

PERFORATED PIPE

WITH END CAP



TYPICAL SOIL AND VENT PIPE CONNECTION DETAIL

PERMEABLE PAVING

COLLAR ACTING AS FLEXIBLE JOINT

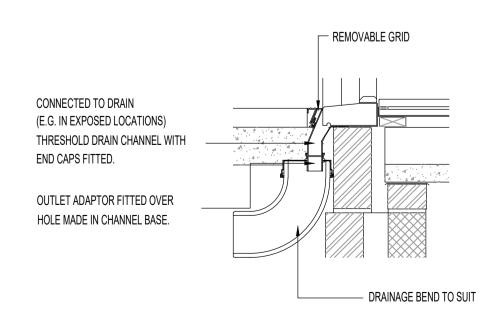
1. ALL MANUFACTURERS PAVING AND ASSOCIATED PRODUCTS TO BE INSTALLED TO MANUFACTURERS GUIDELINES. 2. 2/6.3 AND 4/20 OPEN GRADED CRUSHED ROCK/GRAVEL MATERIAL TO BE TO BS EN 12620. 3. IMPERMEABLE TANKING MEMBRANE TO MANUFACTURERS DETAILS.

TYPE C- NON INFILTRATION

PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH THE CLAUSE E2.31 - COVER COMPLYING WITH CLAUSE E2.32 IF DISTANCE FROM COVER LEVEL TO SOFFIT OF PIPE IS > 1m, ACCESS OPENNING SHALL BE RESTRICTED MORTAR BEDDING AND HAUNCHING TO TO 350mm DIAMETER OR 300mm X 300mm COVER AND FRAME TO CLAUSE E6.7 **FOOTWAY** 150mm DEEP CONCRETE COLLAR -FLEXIBLE SEAL -450mm MINIMUM INTERNAL DIAMETER THERMOPLASTIC INSPECTION CHAMBER MINIMUM 150mm THICK GRANULAR MATERIAL TYPE 1 SUB-BASE MATERIAL TO CLAUSE E2.43 OR GEN3 IN-SITU CONCRETE SURROUND COMPLYING WITH TEMPORARILY CAP SHAFT E4.1 AND BRE SPECIAL DIGEST 1 IN ACCORDANCE DURING CONSTRUCTION -JOINTS BETWEEN BASE AND SHAFT COMPONENTS TO BE FITTED WITH WATERTIGHT SEALS -GRANULAR BEDDING MATERIAL TO CLAUSE E2.25 - EASY BEND IF REQUIRED JOINT TO BE AS CLOSE AS POSSIBLE TO FACE OF CHAMBER WITH MAX 600mm ROCKER PIPE -INVERT OF CONNECTING PIPE AT LEAST 50mm BASE UNIT TO HAVE ALL CONNECTIONS WITH SOFFIT - ABOVE THAT OF THE MAIN PIPE LEVELS SET NO LOWER THAN THAT OF THE MAIN PIPE -

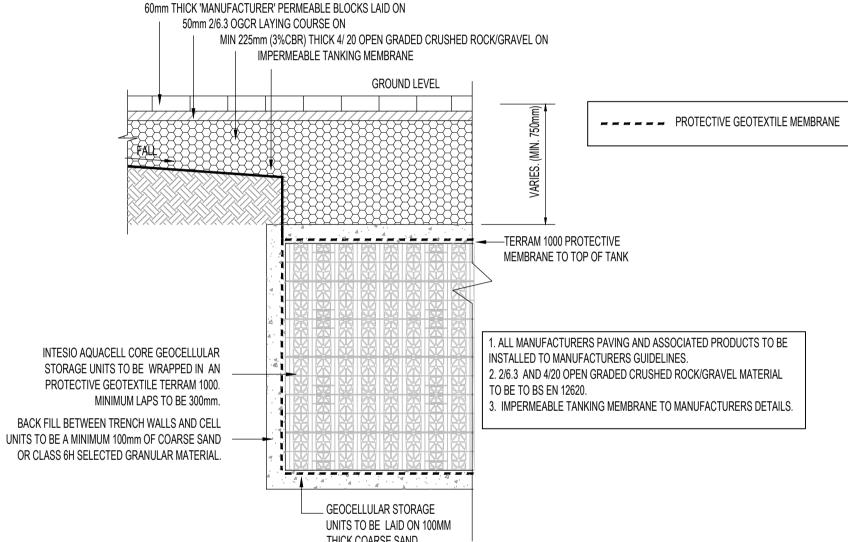
> NOTE: WHERE THE ACCESS CHAMBER IS IN THE HIGHWAY THE HIGHWAY AUTHORITY CAN HAVE SPECIFIC REQUIREMENTS

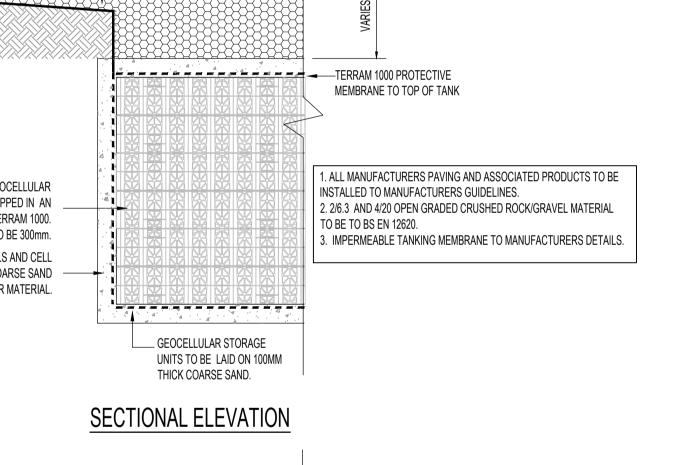
TYPICAL INSPECTION CHAMBER - TYPE D DEPTH FROM COVER TO SOFFIT OF PIPE UP TO 2m FLEXIBLE MATERIAL CONSTRUCTION FOR USE IN DOMESTIC DRIVEWAYS OR FOOTWAYS SCALE 1:20

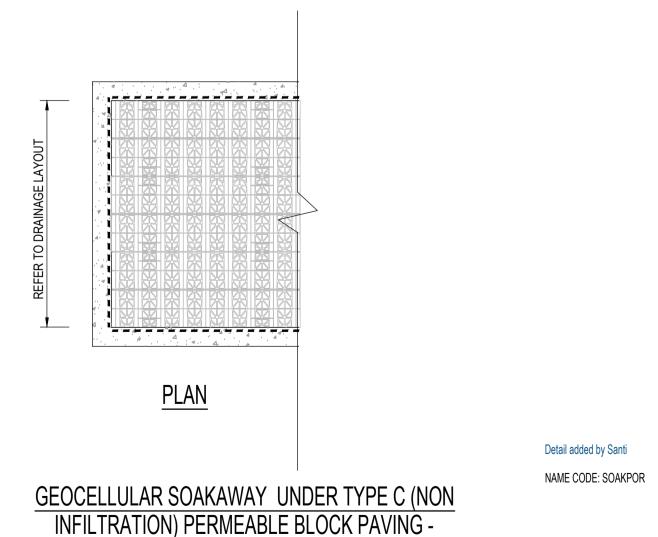


DETAIL APPLIES TO ALL LEVEL THRESHOLDS

TYPICAL THRESHOLD DRAIN DETAIL







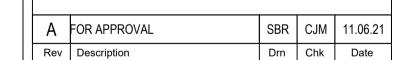
PRIVATE DRIVEWAY

MINIMUM SUB-BASE THICKNESS FOR PAVED AREAS

CBR VALUE	MINIMUM THICKNESS (mm) OF SUB-BASE (Consolidated in accordance with MCHW Volume 1 Clause 801, Table 8/1)	
	WITHOUT GEOTEXTILE UNDERNEATH	WITH GEOTEXTILE UNDERNEATH
< 2.0%	N/A	300 mm
2.0% - 3.0%	325 mm	225 mm
3.0% - 5.0%	250 mm	150 mm
5.0% - 7.0%	150 mm	
7.0% - 20.0%	100 mm	

THE THICKNESS OF ANY REQUIRED CAPPING LAYER AND THE SUB-BASE SHOULD BE DETERMINED AFTER INVESTIGATION AND ON-SITE TESTS HAVE BEEN CARRIED OUT RELATING TO THE CBR VALUE AND FROST SUSCEPTIBILITY OF THE SUB-GRADE.

WHERE TESTS INDICATE THAT THE SUB-GRADE IS FROST SUSCEPTIBLE A SUITABLE CAPPING LAYER SHOULD BE INCLUDED BELOW THE SUB-BASE, TO A DEPTH THAT WILL ENSURE THAT THE CONSTRUCTION WILL NOT BE AFFECTED BY FROST HEAVE. THE GEOTEXTILE SHALL BE A NON WOVEN GEOTEXTILE EARTHWORKS SEPARATION LAYER (TERRAM 1000 OR SIMILAR)





Mr S RUTHERFORD

Notes:

THIS PROJECT.

DO NOT SCALE FROM THIS DRAWING.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH

LAND BETWEEN 10&14 VICTORIA ROAD, ERITH, KENT, DA8 3AN

DRAINAGE CONSTRUCTION DETAILS

FOR APPROVAL

Drawn by Checked 10.06.21 SBR CJM Drg. No. 21-0358 C10551 A