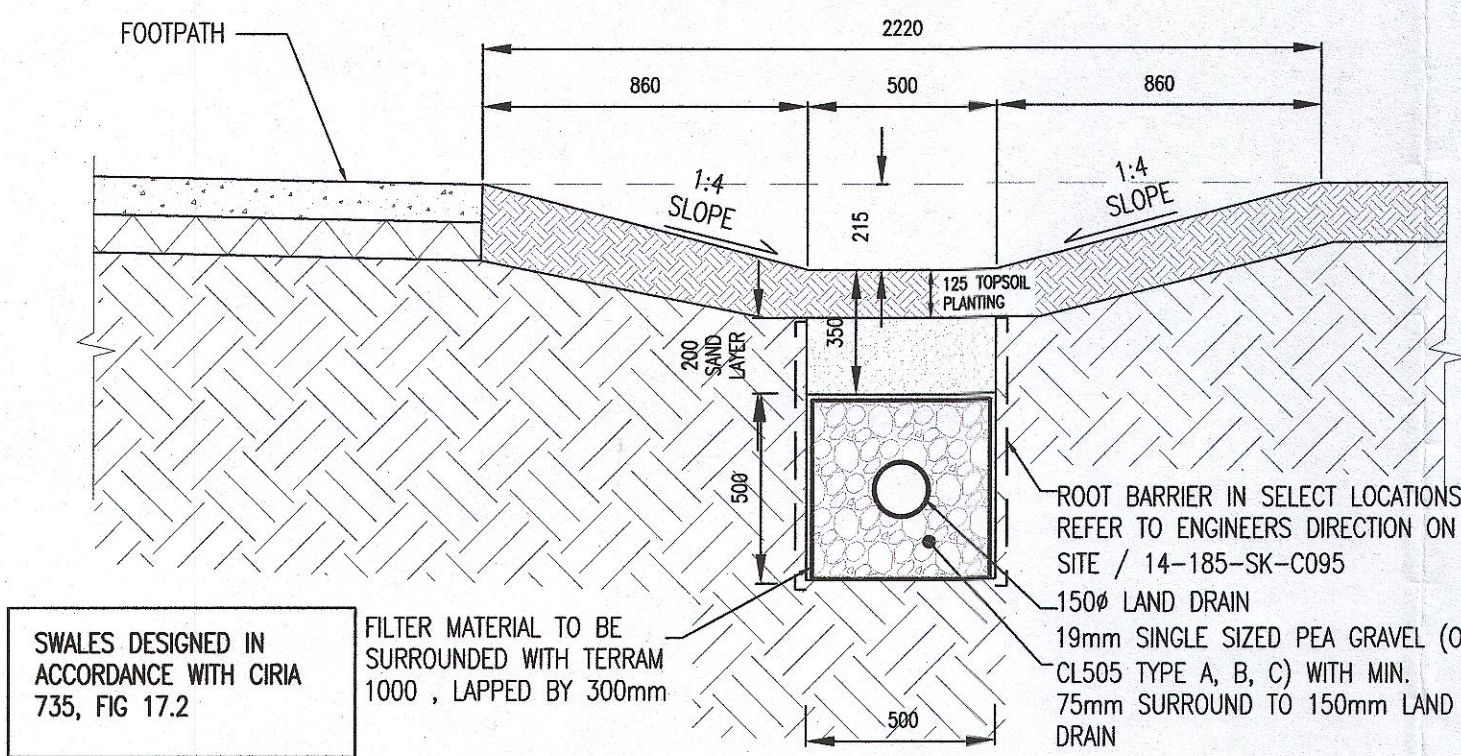


- NOTE:
- FOR PLANTING TO SWALE, PLEASE REFER TO LANDSCAPE ARCHITECT DETAILS.
 - INVERT OF SWALE TO BE 225mm BELOW ROAD EDGE

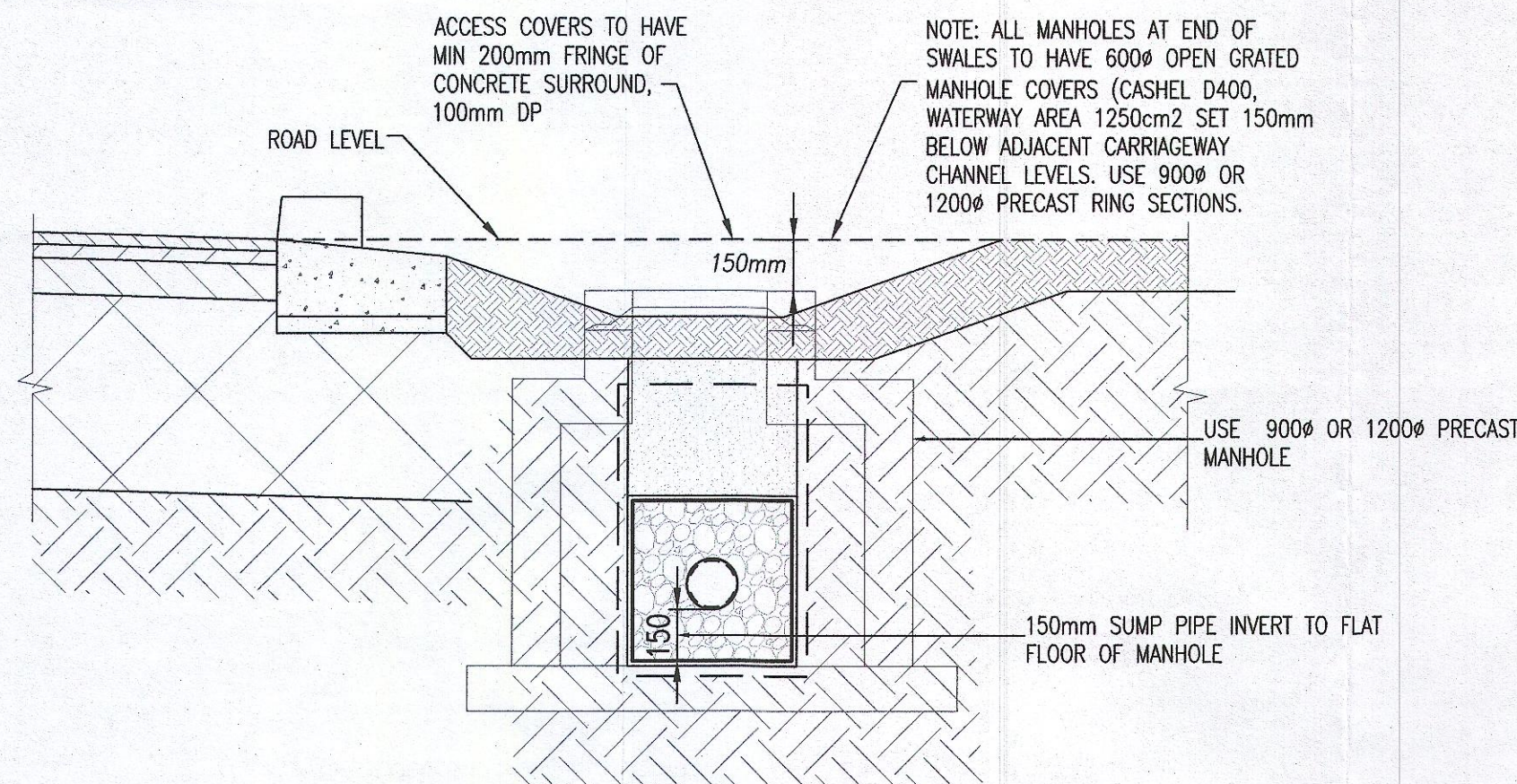


SECTION OF SWALE
SCALE 1:25

SWALES DESIGNED IN ACCORDANCE WITH CIRIA 735, FIG 17.2

FILTER MATERIAL TO BE SURROUNDED WITH TERRAM 1000, LAPPED BY 300mm

ROOT BARRIER IN SELECT LOCATIONS. REFER TO ENGINEERS DIRECTION ON SITE / 14-185-SK-C095
150mm LAND DRAIN
19mm SINGLE SIZED PEA GRAVEL (OR CL505 TYPE A, B, C) WITH MIN. 75mm SURROUND TO 150mm LAND DRAIN



SECTION OF SWALE THROUGH LAND DRAIN OVERFLOW MANHOLE
SCALE 1:20

NOTE: ALL MANHOLES AT END OF SWALES TO HAVE 600mm OPEN GRATED MANHOLE COVERS (CASHEL D400) WATERWAY AREA 1250cm² SET 150mm BELOW ADJACENT CARRIAGEWAY CHANNEL LEVELS. USE 900mm OR 1200mm PRECAST RING SECTIONS.

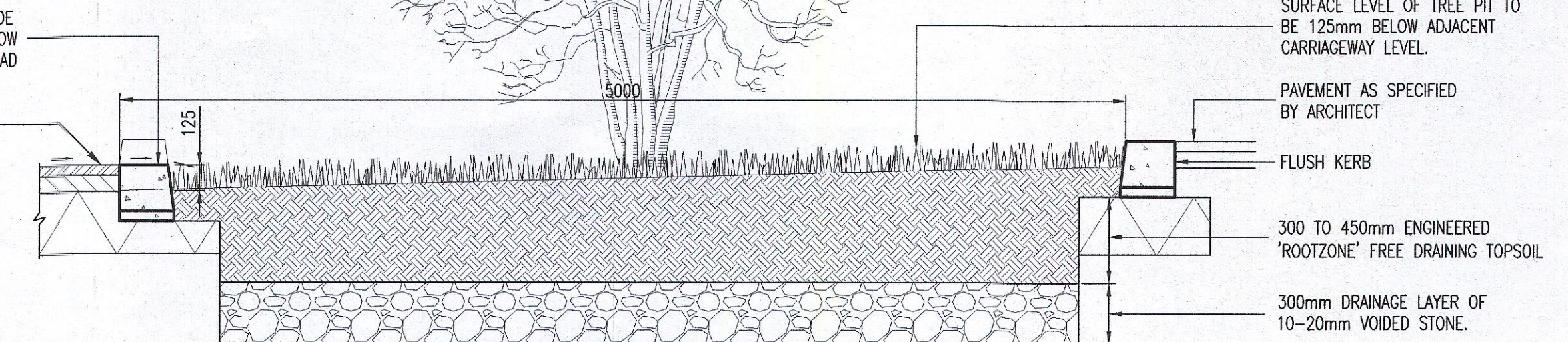
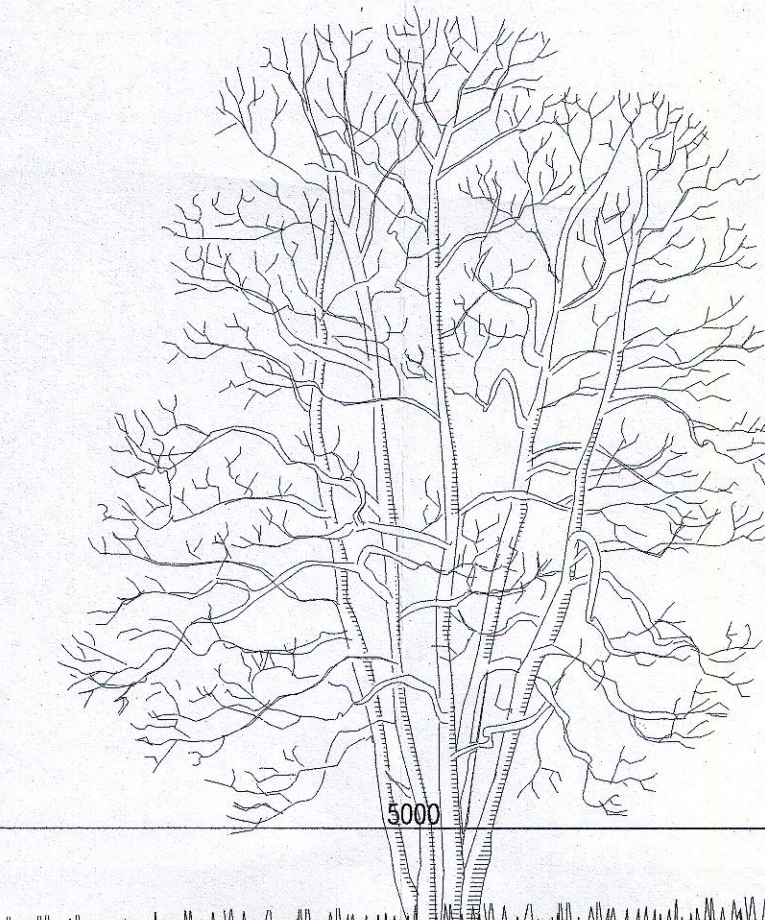
ACCESS COVERS TO HAVE MIN 200mm FRINGE OF CONCRETE SURROUND, 100mm DP

USE 900mm OR 1200mm PRECAST MANHOLE

150mm SUMP PIPE INVERT TO FLAT FLOOR OF MANHOLE

INSITU FLUSH KERB DETAIL 1m WIDE AT OPENINGS TO TREE PIT TO ALLOW SURFACE WATER RUNOFF FROM ROAD

FLEXIBLE PAVEMENT AS DETAILED



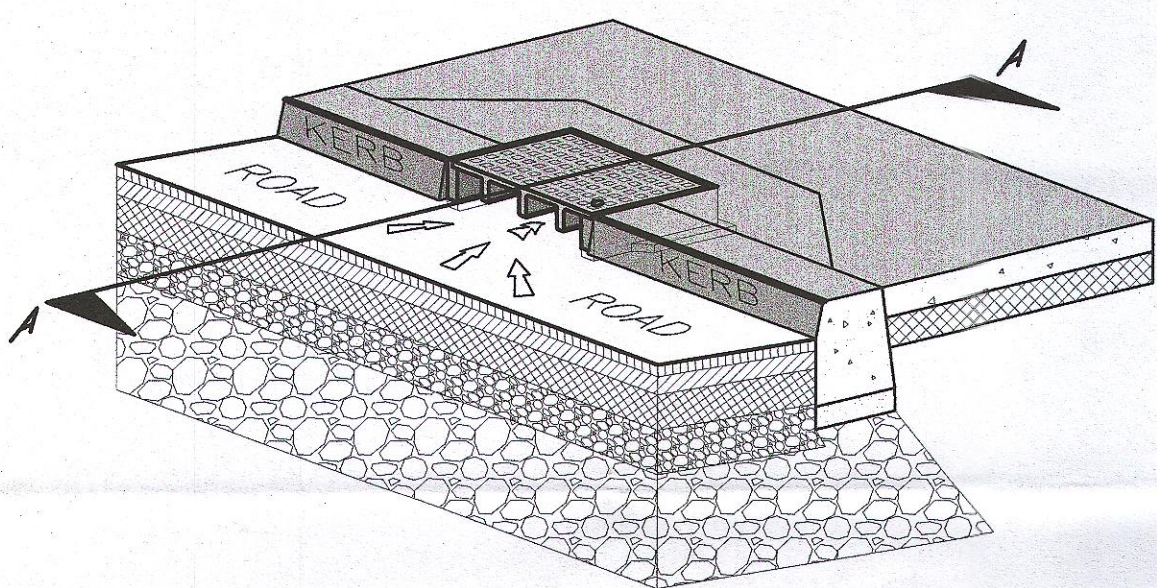
TYPICAL SECTION THROUGH BIO-RETENTION TREE PIT OR PLANTED AREAS
SCALE 1:25

SURFACE LEVEL OF TREE PIT TO BE 125mm BELOW ADJACENT CARRIAGEWAY LEVEL.

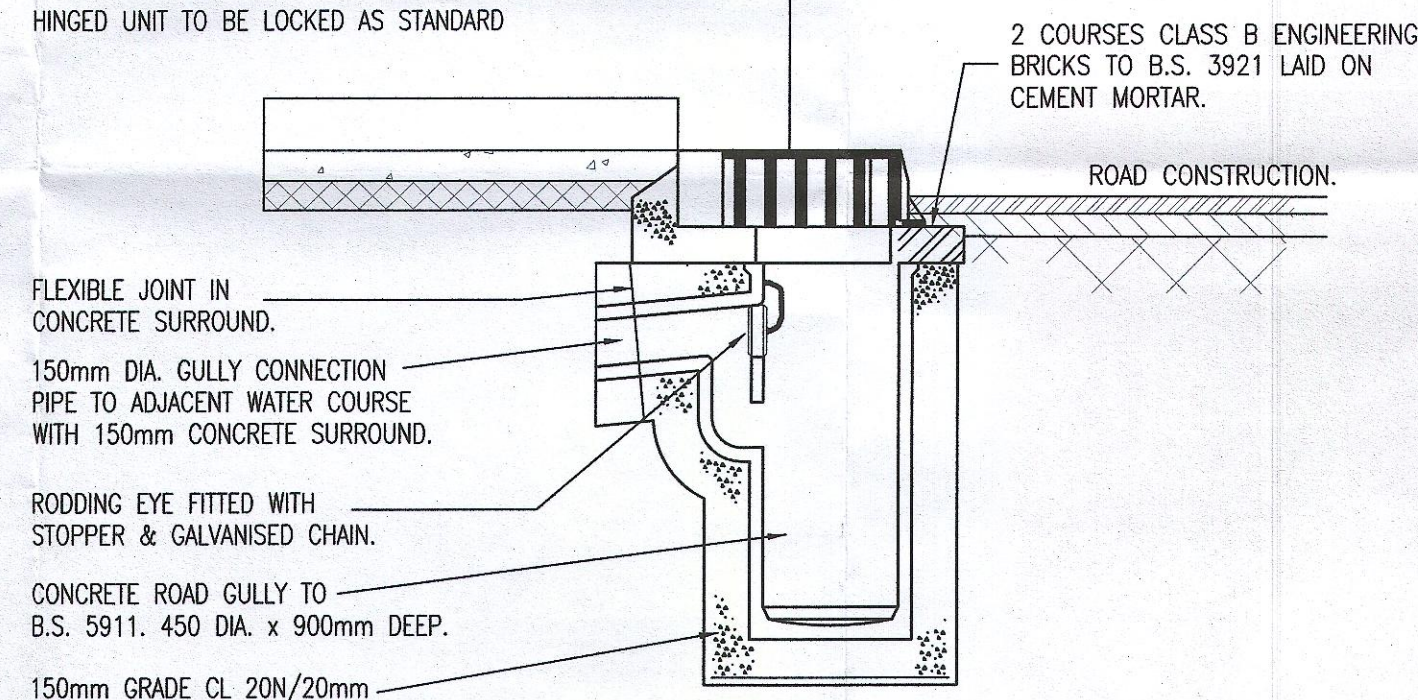
PAVEMENT AS SPECIFIED BY ARCHITECT
FLUSH KERB

300 TO 450mm ENGINEERED 'ROOTZONE' FREE DRAINING TOPSOIL

300mm DRAINAGE LAYER OF 10-20mm VOIDED STONE.



HEAVY DUTY DUCTILE IRON KERB GULLY UNIT TO BS EN124 CLASS D400 WITH KITEMARK
KERB GULLY UNIT FLANGES BEDDED INTO SURROUNDING ROAD KERB
HINGED UNIT TO BE LOCKED AS STANDARD



SECTION A-A THROUGH INLET KERB GULLY

FLEXIBLE JOINT IN CONCRETE SURROUND.

150mm DIA. GULLY CONNECTION PIPE TO ADJACENT WATER COURSE WITH 150mm CONCRETE SURROUND.

RODDING EYE FITTED WITH STOPPER & GALVANISED CHAIN.

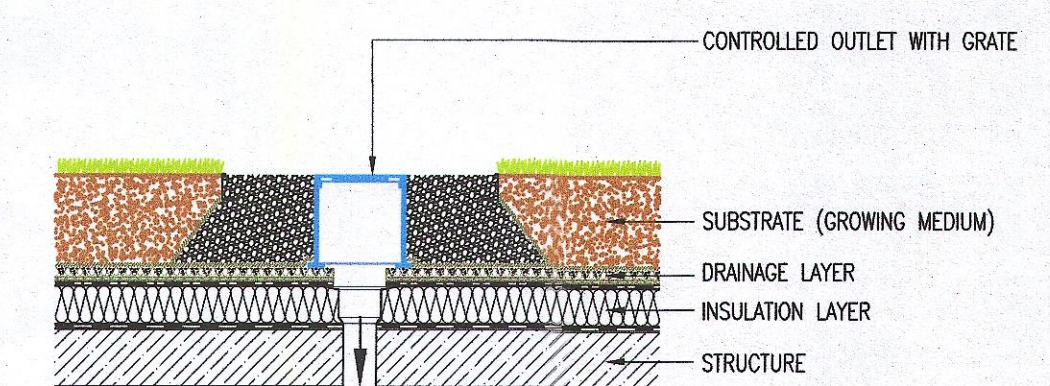
CONCRETE ROAD GULLY TO B.S. 5911, 450 DIA. x 900mm DEEP.

150mm GRADE CL 20N/20mm CONCRETE SURROUND.

2 COURSES CLASS B ENGINEERING BRICKS TO B.S. 3921 LAID ON CEMENT MORTAR.

ROAD CONSTRUCTION.

HEAVY DUTY DUCTILE IRON KERB GULLY UNIT TO BS EN124 CLASS D400 WITH KITEMARK
TEXTURED FLANGE ON SIDES & REAR OF UNIT FOR BEDDING INTO ROAD SURFACE & SURROUNDING KERBS.
HINGED UNIT TO BE LOCKED AS STANDARD



GREEN ROOF PODIUM OUTLET
SCALE 1:25

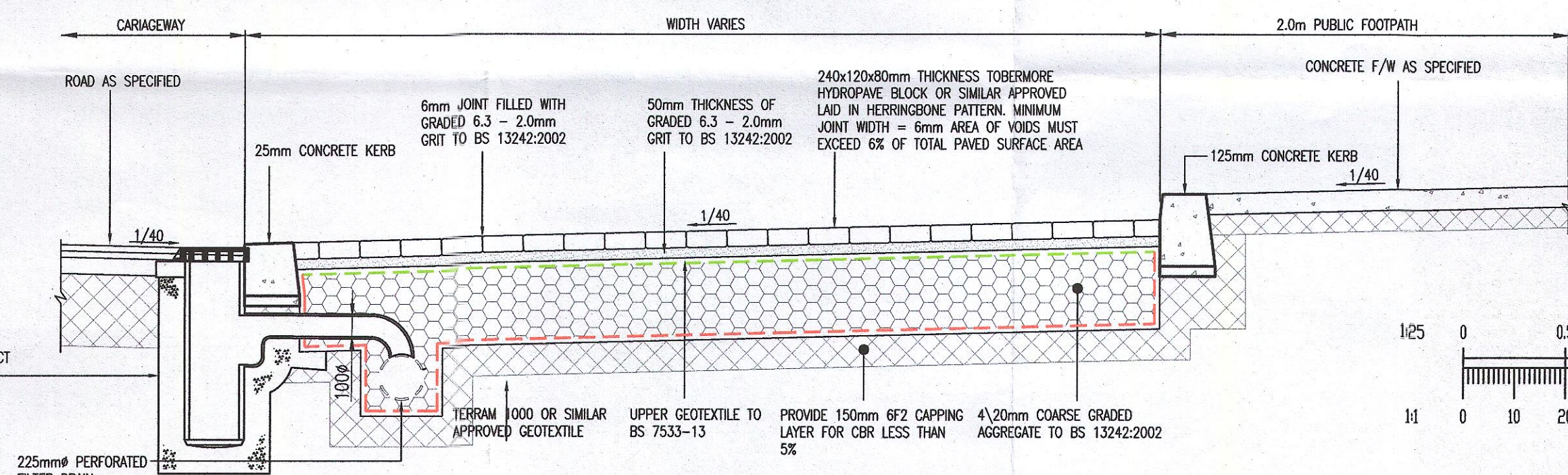
CONTROLLED OUTLET WITH GRATE

SUBSTRATE (GROWING MEDIUM)

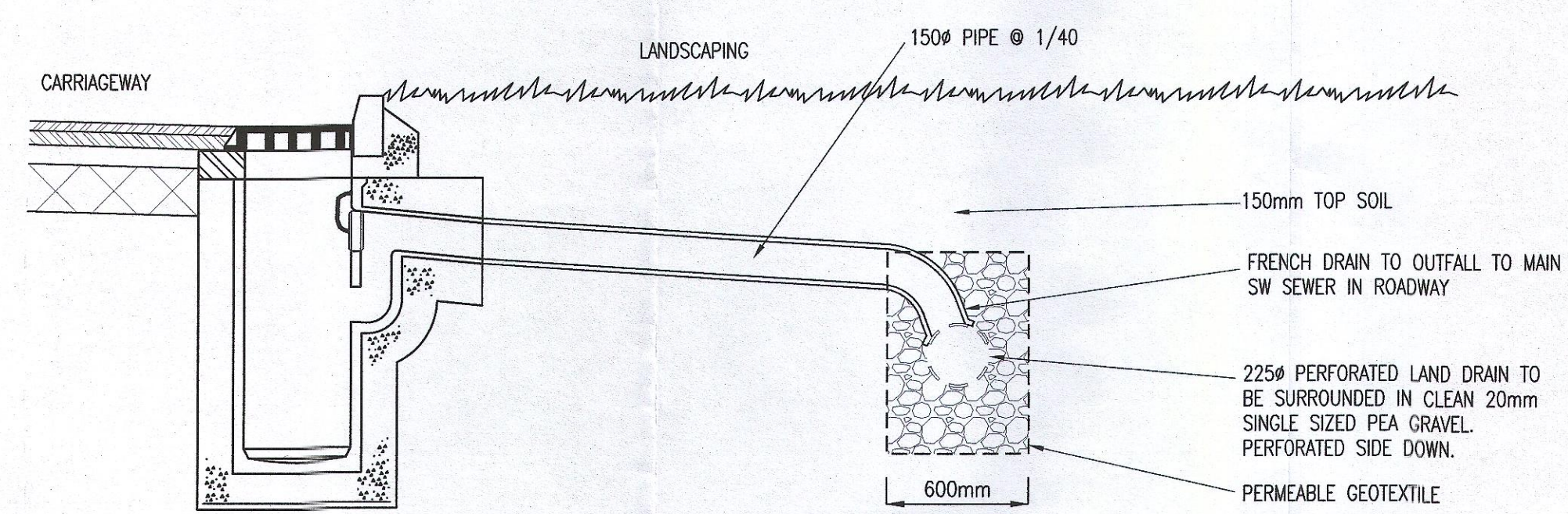
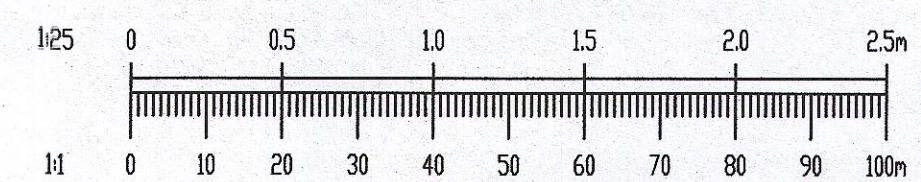
DRAINAGE LAYER

INSULATION LAYER

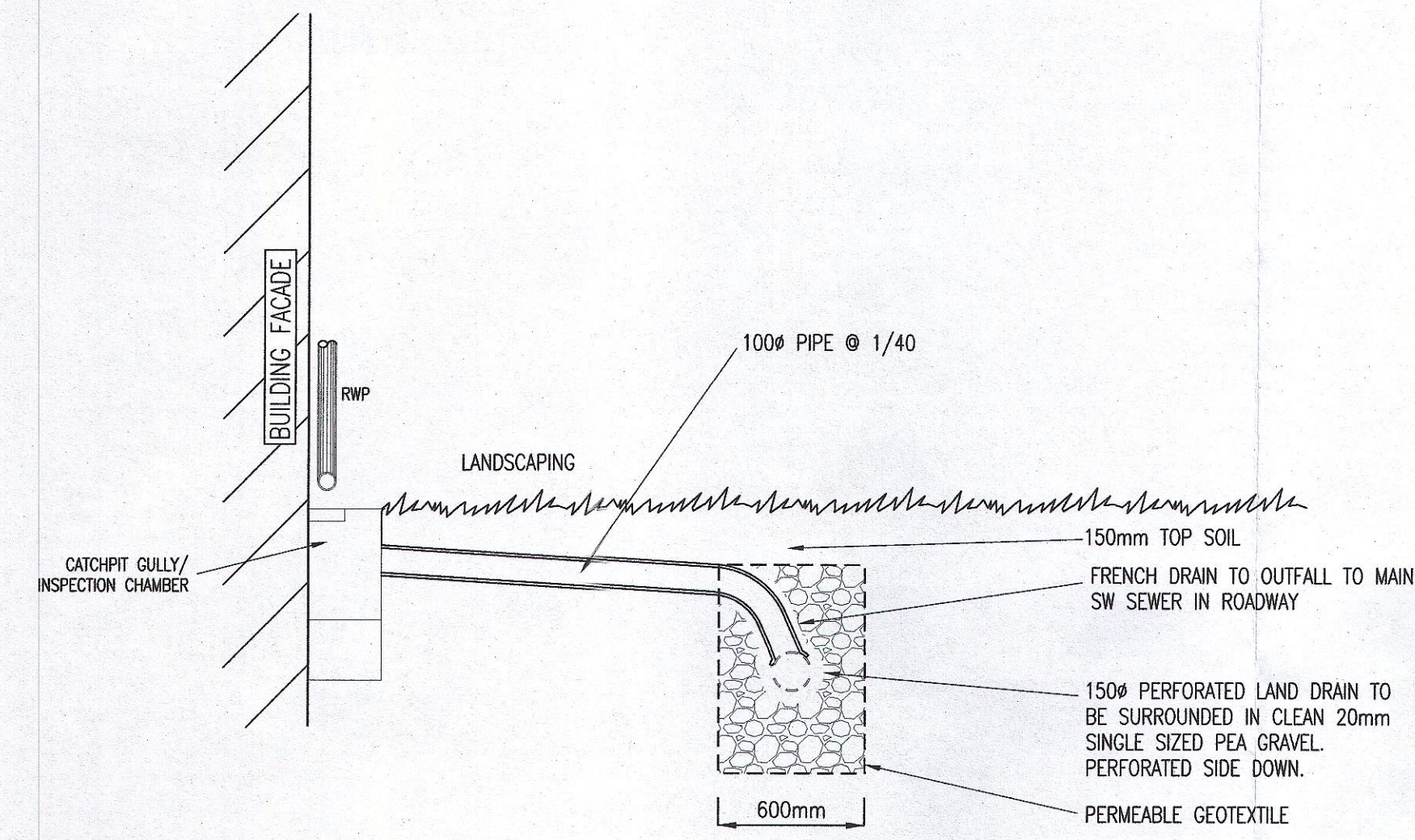
STRUCTURE



TYPICAL SECTION THROUGH PUBLIC PARKING BAY PERMEABLE PAVING
SCALE 1:25



GULLY TO FILTER DRAIN DETAIL UNDER PUBLIC OPEN SPACES
SCALE 1:25



DOWNPIPE/AJ TO FILTER DRAIN DETAIL UNDER PRIVATE OPEN SPACES
SCALE 1:25

REV.	DATE	AMENDMENT	DRN	APPD

STATUS **PLANNING**

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Engineering Consultants
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CLIENT **QUINTAN**
ARCHITECT **BKD ARCHITECTS**
PROJECT **CLONBURRIS**

TITLE **TYPICAL SUDS DETAILS**

DRAWN	DESIGNED	APPROVED	DATE
MS	RM	MD	JAN 2023
SCALE	JOB NO.	DRG. NO.	REVISION
1:25 @ A1	21-055	P1230	