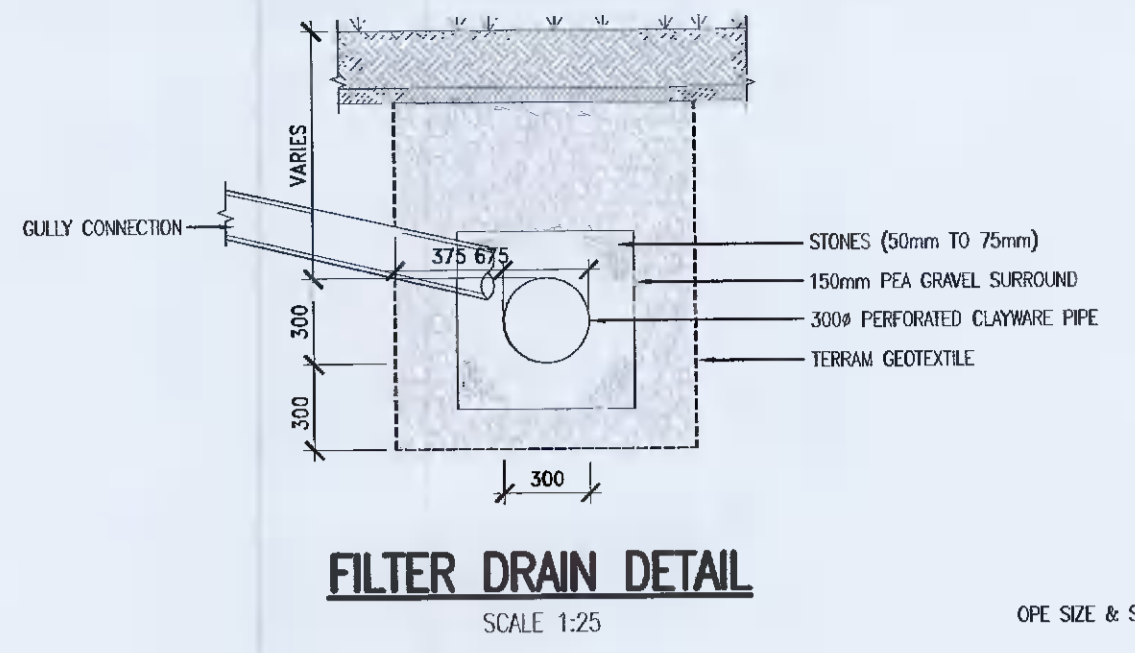
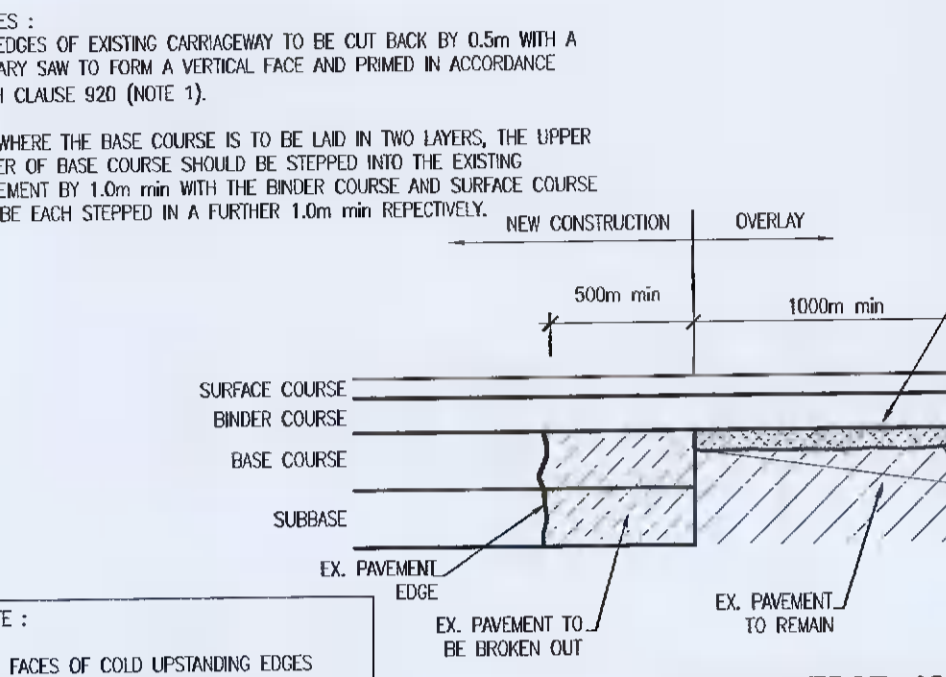


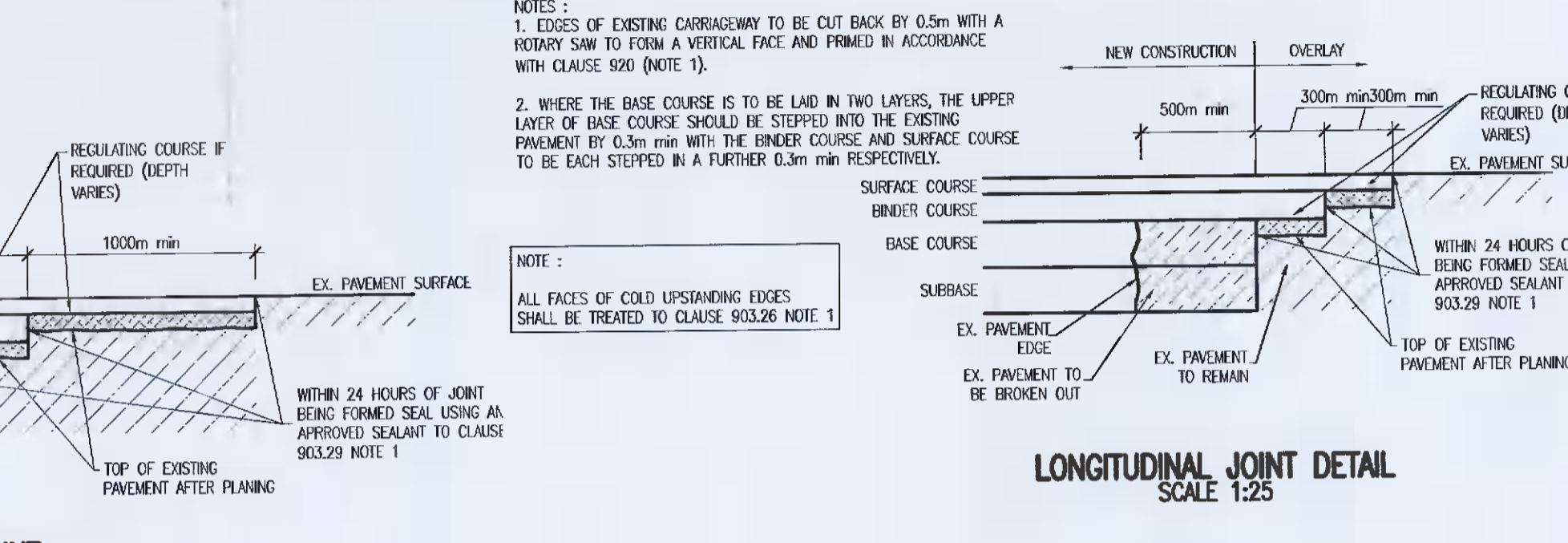
TYPICAL SECTION THROUGH ACCESS ROAD/RAMP
SCALE 1:25



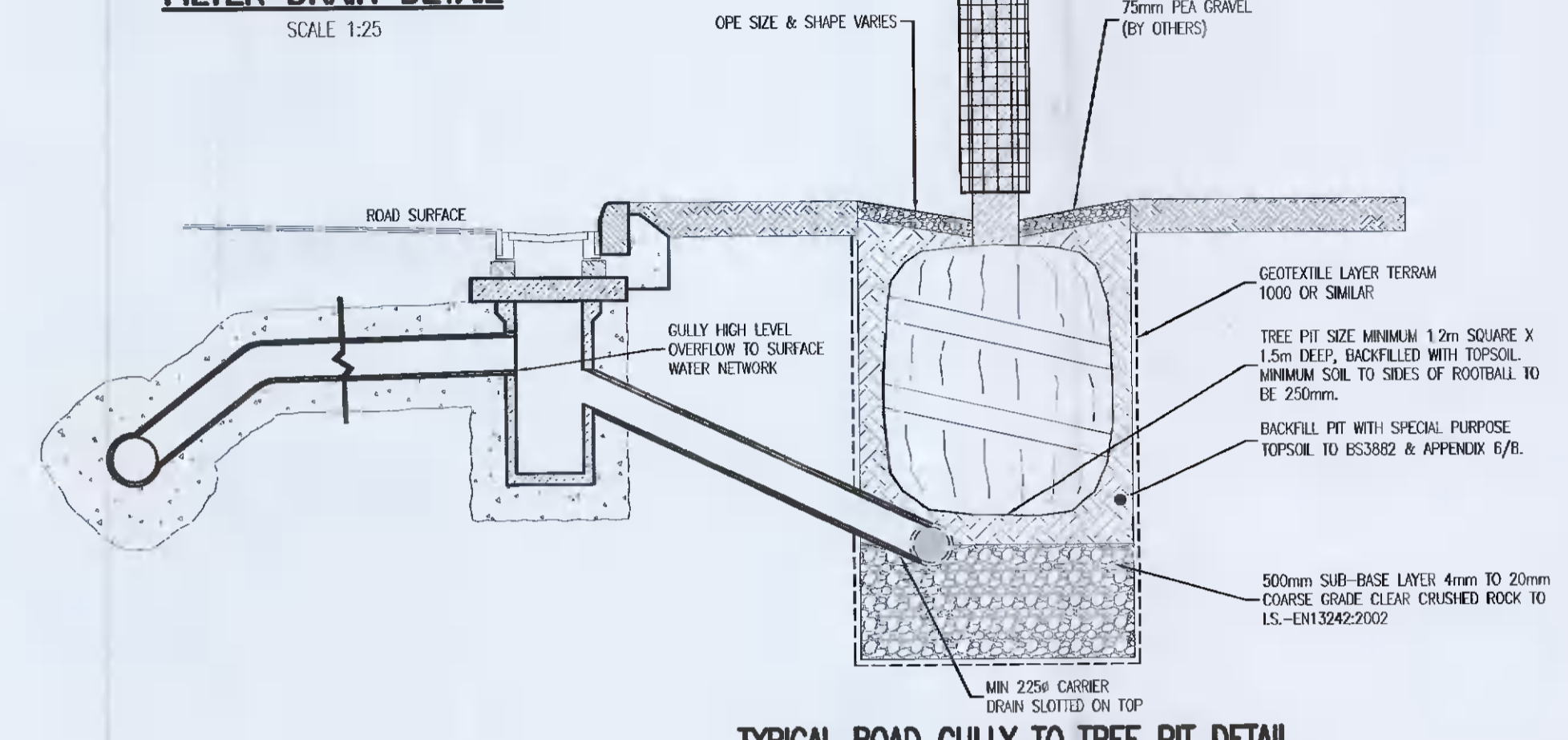
FILTER DRAIN DETAIL
SCALE 1:25



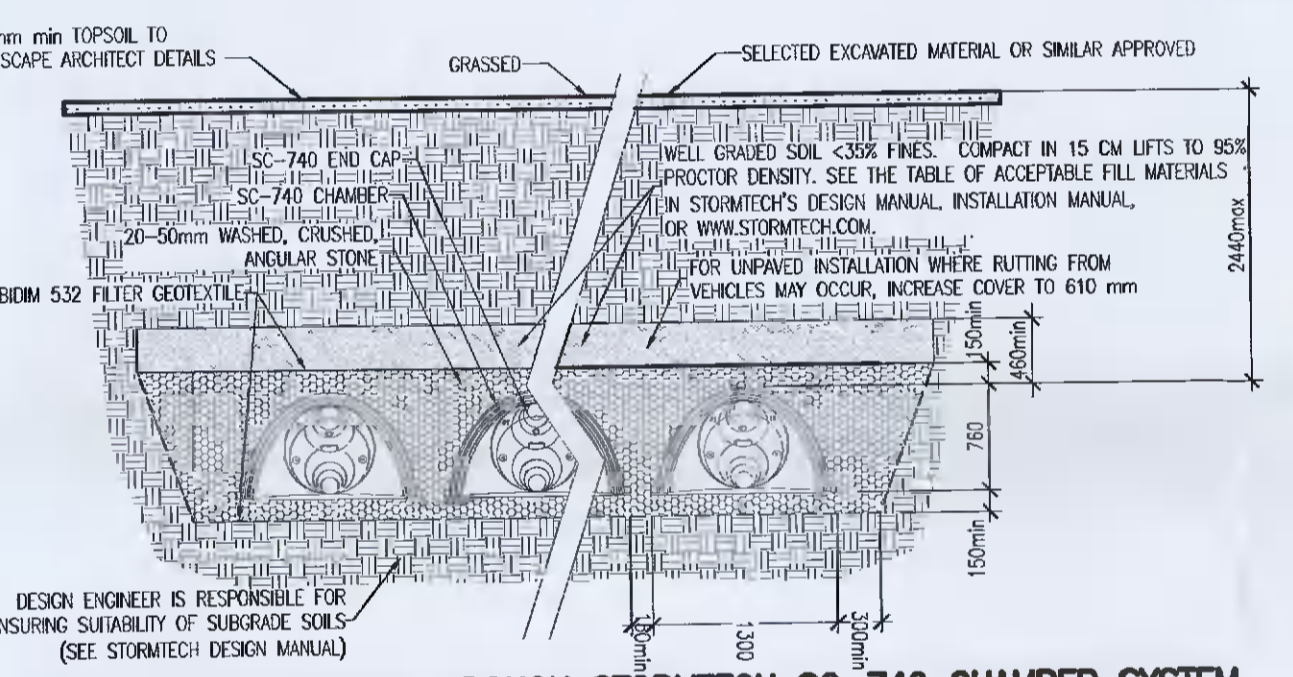
TRANSVERSE JOINT DETAIL
SCALE 1:25



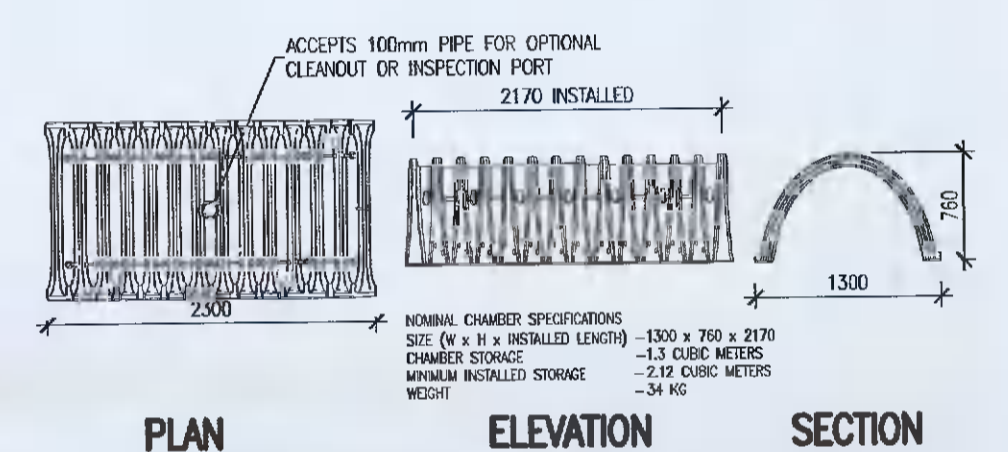
LONGITUDINAL JOINT DETAIL
SCALE 1:25



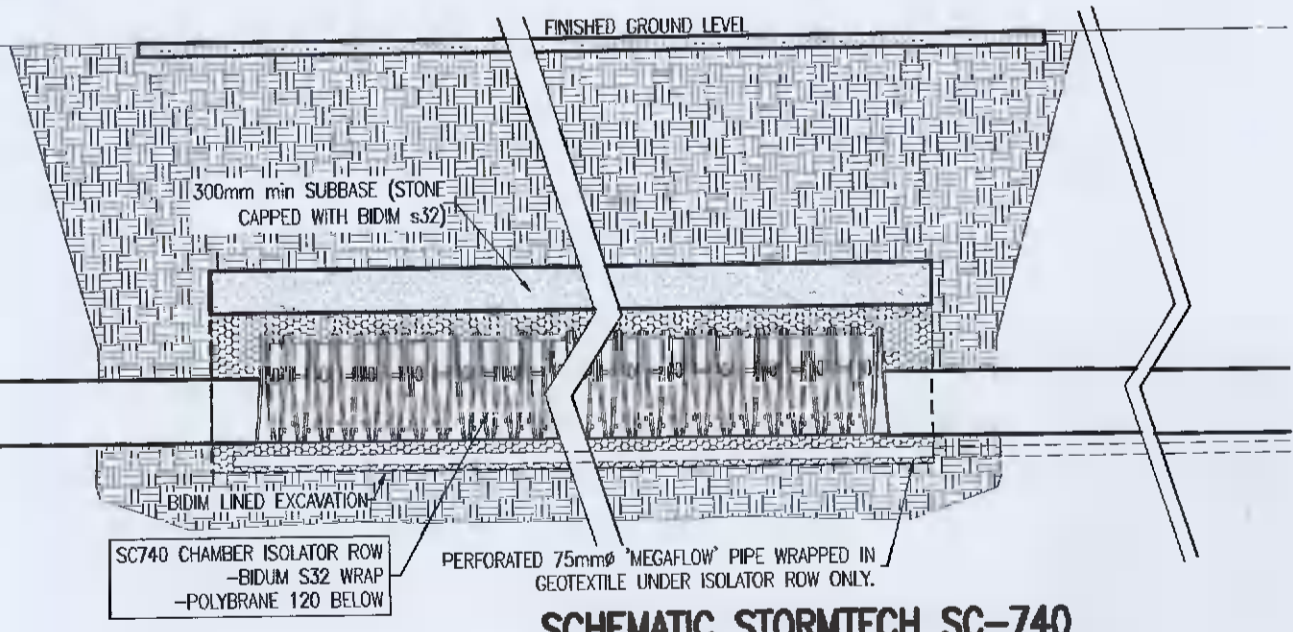
TYPICAL ROAD GULLY TO TREE PIT DETAIL
SCALE 1:25



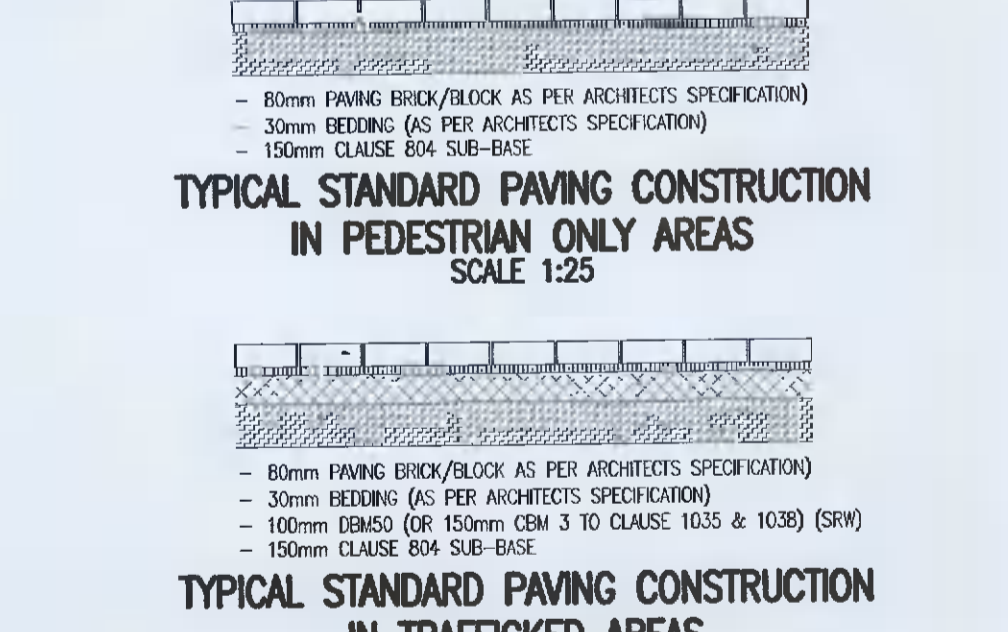
TYPICAL CROSS SECTION THROUGH STORMTECH SC-740 CHAMBER SYSTEM
SCALE 1:50



PLAN ELEVATION SECTION
STORMTECH SC-740 CHAMBER SYSTEM
SCALE 1:50

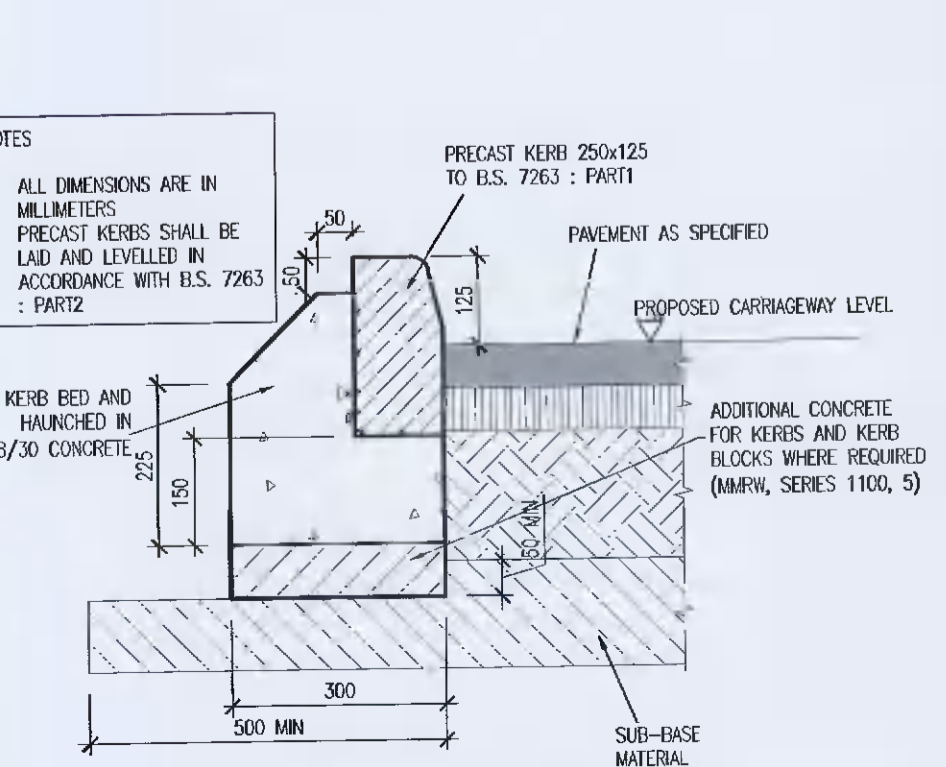


SCHEMATIC STORMTECH SC-740 CHAMBER SYSTEM LONGITUDINAL SECTION
SCALE 1:50

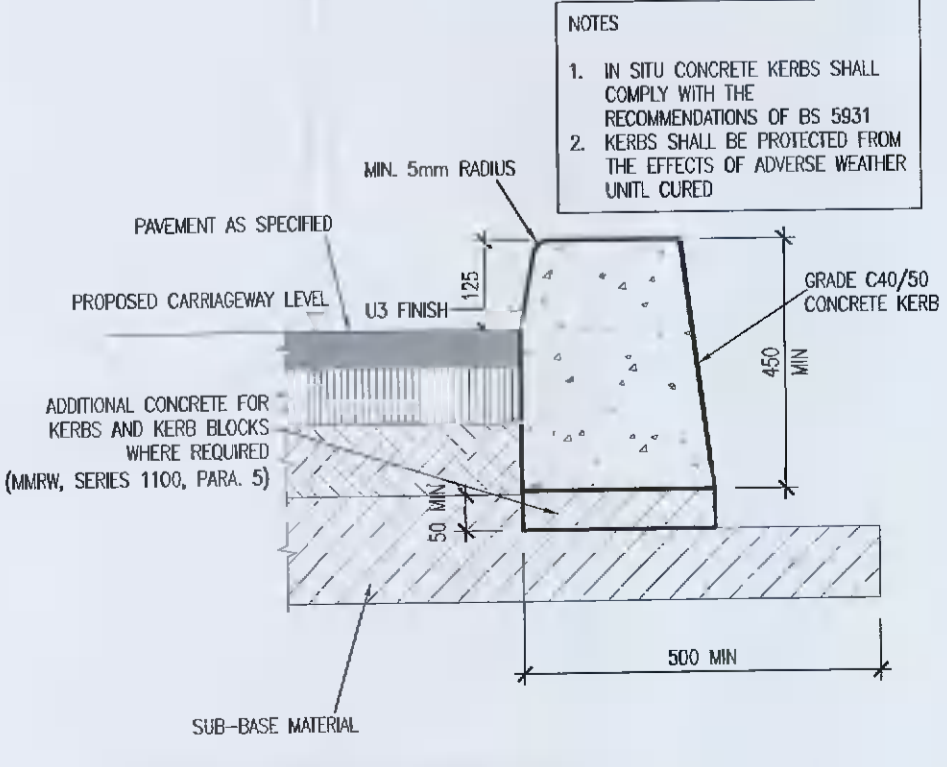


TYPICAL STANDARD PAVING CONSTRUCTION IN PEDESTRIAN ONLY AREAS
SCALE 1:25

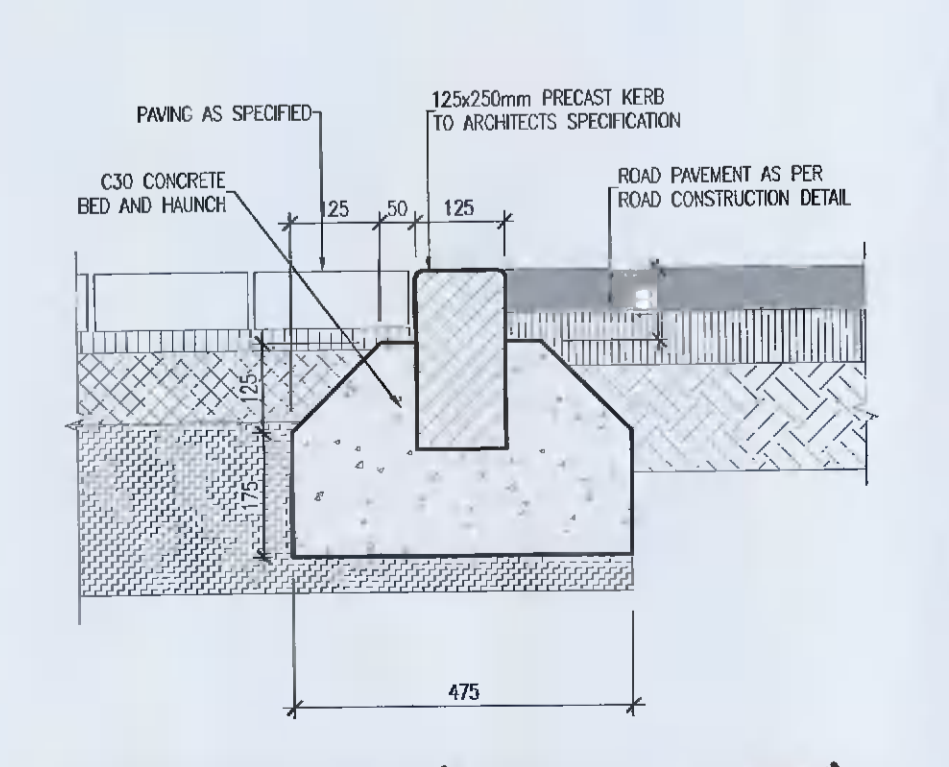
TYPICAL STANDARD PAVING CONSTRUCTION IN TRAFFICKED AREAS
SCALE 1:25



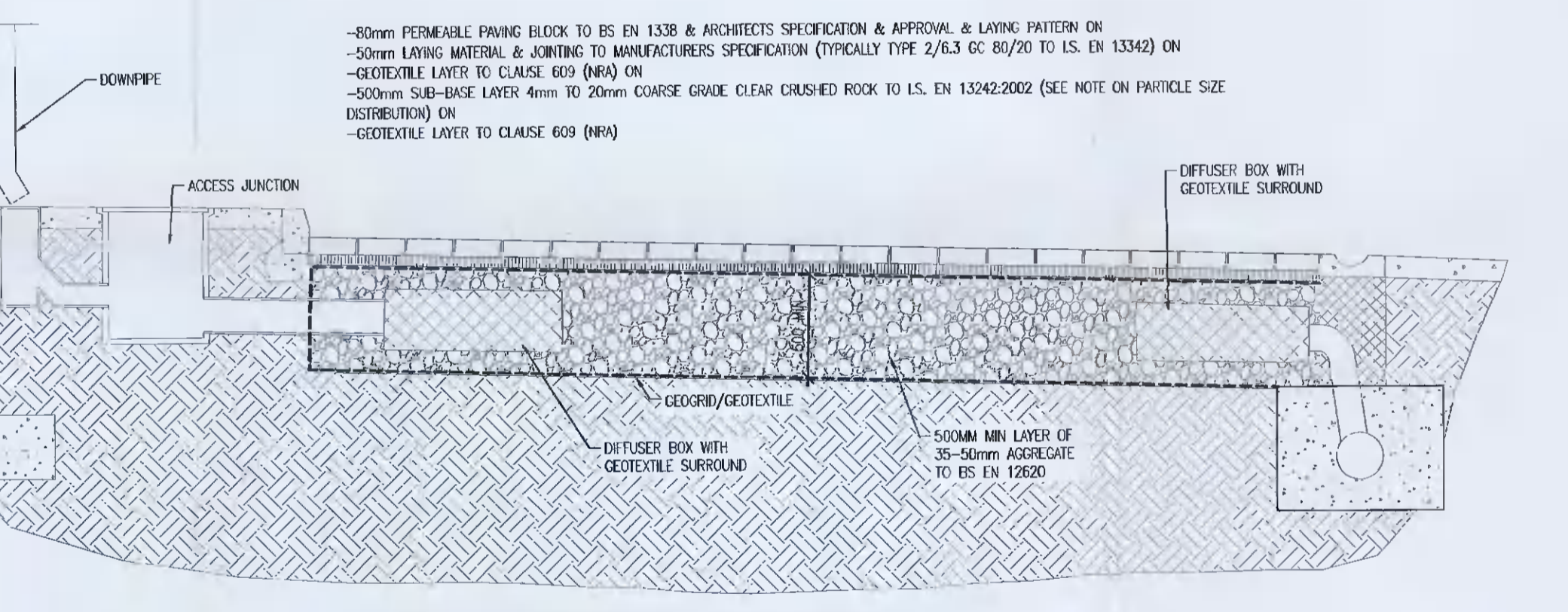
PRECAST KERB DETAIL
SCALE 1:10



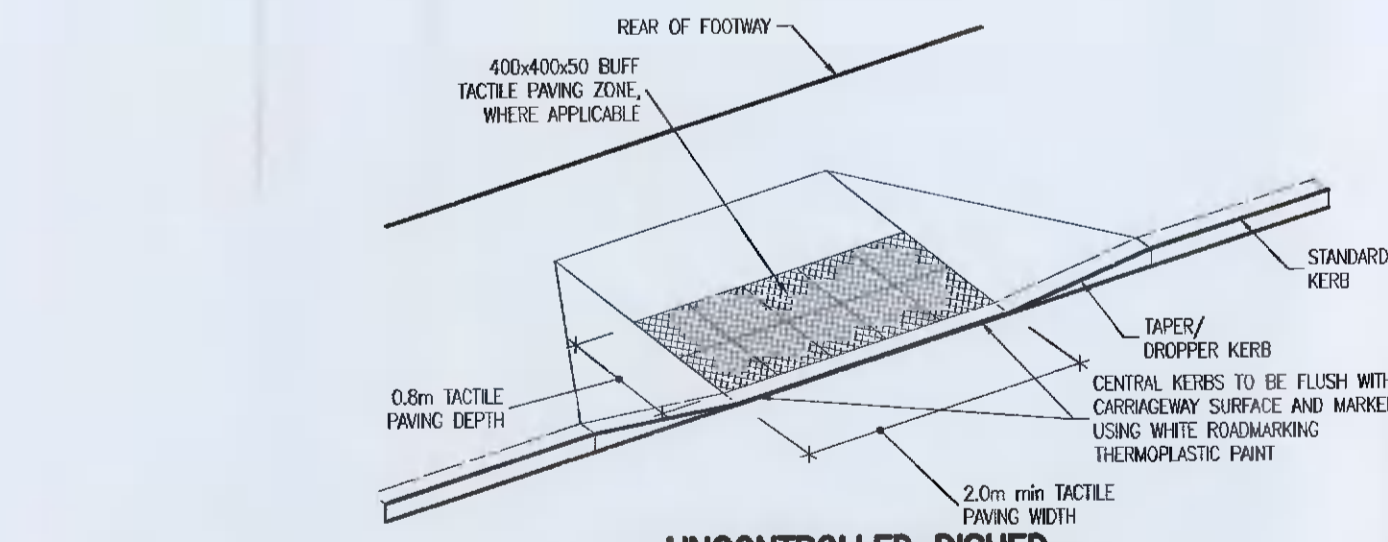
INSITU CONCRETE KERB DETAIL
SCALE 1:10



EDGE KERB DETAIL (DBM TO PAVING BLOCK)
SCALE 1:10



TYPICAL PERMEABLE PAVING CONSTRUCTION
SCALE 1:25



TYPICAL SECTION THROUGH DISHED CROSSING
SCALE 1:25

- LIST OF IRISH WATER WASTEWATER STANDARD DETAILS BROUGHT INTO THE CONTRACT**
- STD-WW-02 TYPICAL LAYOUT FOR SEWER WITHIN NEW DEVELOPMENT
 - STD-WW-03 DRAIN AND SERVICE CONNECTION PIPEWORK
 - STD-WW-04 TYPICAL SEWER/SERVICE PIPE CONNECTION
 - STD-WW-05 TYPICAL SERVICE LAYOUT INDICATING SEPARATION DISTANCES
 - STD-WW-07 TRENCH BACKFILL & BEARING
 - STD-WW-08 RESTRICTIONS ON TREES/SHRUBS PLANTING ADJACENT TO SEWERS
 - STD-WW-09 BLOCKWORK MANHOLE (450mm)
 - STD-WW-10 PRE-CAST CONCRETE MANHOLE
 - STD-WW-11 IN-SITU CONCRETE MANHOLE
 - STD-WW-12 BACKDROP MANHOLES
 - STD-WW-13 PRIVATE SIDE INSPECTION CHAMBER
 - STD-WW-14 THURTELL BLOCKS FOR RISING MAINS
 - STD-WW-15 SCOUR VALVE CHAMBER (FOUL RISING MAIN <200mm)
 - STD-WW-16 SLUICE VALVE DETAILS FOR RISING MAINS DUCTILE IRON (DI) PIPE (<200mm) (SHEET 1 OF 2)
 - STD-WW-17 SLUICE VALVE DETAILS FOR RISING MAIN POLYETHYLENE (PE) PIPE (<200mm) (SHEET 2 OF 2)
 - STD-WW-18 AIR VALVE CHAMBER (FOUL RISING MAIN <200mm)
 - STD-WW-19 EMERGENCY OVERFLOW STRUCTURE
 - STD-WW-20 DUCT CHAMBER
 - STD-WW-21 TYPICAL DRAIN/STREAM CROSSING FOR GRAVITY MAIN (SHEET 1 OF 2)
 - STD-WW-22 TYPICAL DRAIN/STREAM CROSSING FOR RISING MAIN (SHEET 2 OF 2)
 - STD-WW-23 TYPICAL BRIDGE CROSSING FOR RISING MAIN (SHEET 1 OF 2)
 - STD-WW-24 TYPICAL BRIDGE CROSSING FOR RISING MAIN (SHEET 2 OF 2)
 - STD-WW-25 SECURITY GATE & FENCING
 - STD-WW-26 INDICATIVE PUMPING STATION LAYOUT
 - STD-WW-27 FLOW METER CHAMBER (FOUL RISING MAIN <200mm)
 - STD-WW-28 INDICATIVE SUBMERSIBLE PUMPING STATION
 - STD-WW-29 INDICATIVE PRE-CAST CONCRETE SUBMERSIBLE PUMPING STATION
 - STD-WW-30 ROOK TYPE 1 PUMPING STATION & WET ROOM (SHEET 1 OF 2)
 - STD-WW-31 ROOK TYPE 2 & 3 PUMPING STATION & WET ROOM (SHEET 2 OF 2)
 - STD-WW-32 HARDSTANDING AREA PUMPING STATION (PERMEABLE & IMPERMEABLE)
 - STD-WW-33 LAMP POLLARD & LAMP STANDARD
 - STD-WW-34 VENT STACK

NOTES

- POLYMER MODIFIED STONE MASTIC ASPHALT SURFACE COURSE SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 942 OF THE NRA'S 'SPECIFICATION FOR ROAD WORKS' AND SHALL SATISFY THE REQUIREMENTS OF TABLE 9/2. IT SHALL BE LAID & COMPACTED IN ACCORDANCE WITH CLAUSE 901 & CLAUSE 702.
- DENSE BITUMEN MACADAM BINDER COURSE SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 906 OF THE NRA'S 'SPECIFICATION FOR ROAD WORKS' & SHALL SATISFY THE REQUIREMENTS OF TABLE 9/1. IT SHALL BE LAID & COMPACTED IN ACCORDANCE WITH CLAUSE 901 & CLAUSE 702.
- SUB-BASE MATERIAL SHALL COMPLY WITH CLAUSE 808 GRANULAR MATERIAL TYPE B OF NRA'S SPECIFICATION FOR ROAD WORKS (SRW) & SHALL SATISFY THE REQUIREMENTS OF TABLE 8/4 & 8/2.
- SUB FORMATION & CAPPING MATERIAL SHALL COMPLY WITH CLAUSE 613 OF THE NRA'S 'SPECIFICATION FOR ROAD WORKS' & SHALL SATISFY THE REQUIREMENTS OF TABLE 6/1 & 6/2.
- STONE BLINDING WITH 2-6.3mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 13242

BS SIEVE SIZE (mm) % BY MASS PASSING	
14	100
10	98-100
6.3	80-99
2.0	0-20
1.0	0-5

BS SIEVE SIZE (mm) % BY MASS PASSING	
40	100
31.5	98-100
20	90-99
10	25-70
4	0-15
5	0-5

- ANY ROADS PROPOSED TO BE USED FOR CONSTRUCTION TRAFFIC ARE TO HAVE INCREASED DEPTH OF SUB-BASE FOR THE DURATION OF CONSTRUCTION IN ACCORDANCE WITH DBFL SPECIFICATIONS.
- ALL WORKS SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
- ALL GEOTEXTILES TO BE LAID IN ACCORDANCE WITH MANUFACTURERS' SPECIFICATIONS.
- ALL FILLING BELOW CAPPING LAYER (IE SUB-FORMATION) TO BE GRANULAR FILL MATERIAL CLASS 1C COARSE GRANULAR MATERIAL IN ACCORDANCE WITH THE SPECIFICATION FOR ROADWORKS, NRA.
- ALL ROAD GULLIES IN ROADWAYS TO BE NON-LOCKABLE

Rev	Date	Description	By	CHK
P1	25/01/22	RFI RESPONSE	SM	SJ
P	15/10/21	PLANNING SUBMISSION	SM	SJ

PLANNING

gdcl
CONSULTING ENGINEERS

Scope House, Ferrystown, Dublin D12 K8PP
www.gdclconsulting.com

75 Shelton Street, Covent Garden, London WC2H 8JQ

PROJECT
U-Store-It, Liffey Valley

CLIENT
Oceanglade Ltd

DRAWING TITLE
Typical Construction Details
Sheet 1

dm. by:	date:	scale:
PTC	Oct '20	As Shown
drawing size: A1	chk: SJ	app: GD
job no: P2005	drg. no: P2005-C-210	rev: P1

NOT FOR CONSTRUCTION