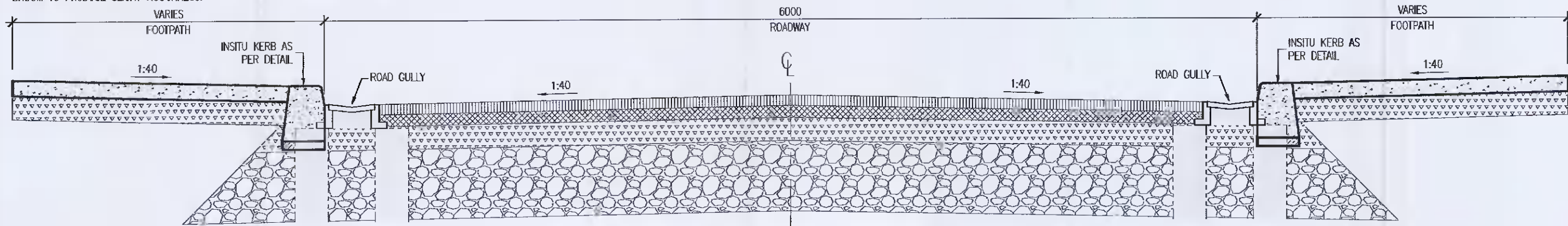


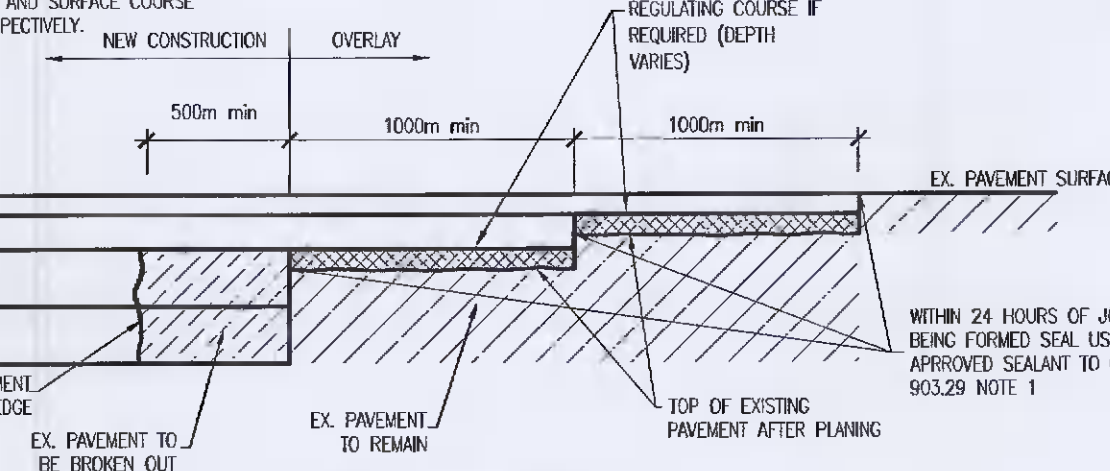
CONCRETE FOOTPATH
 100mm CONCRETE PAVEMENT C40 AIR ENTRAINED OR C50 NO AIR ENTRAINED (EXPOSURE CLASS XF4) TO NRA CL 1109 ON
 150mm UNBOUND GRANULAR SUB-BASE TYPE B TO CLAUSE 804 AND CLAUSE 808 NOTE 1 (MIN CSR 30%) ON JOINTS TO BE FORMED WITH TWO LAYERS OF BITUMINOUS FELL FOR FULL SLAB DEPTH AT 3m CENTRES (JOINTS TO CONDUCE WITH JOINTS IN THE KERB AND POSITIONED AT CORNERS ETC USABLE TO CRACKING).
 FINISH BY FLOUING WITH WOODEN TRONEL WHILE STILL GREEN THEN LIGHTLY BRUSHED WITH A BASS BROOM TO PRODUCE SLIGHT ROUGHNESS.

ROAD CONSTRUCTION
 85mm OF DENSE ASPHALT CONCRETE SURFACE COURSE AC 6 DENSE SURF 70/100 REC TO CLAUSE 903 (NRA) ON
 75mm OF DENSE BITUMEN MACADAM BINDER COURSE AC 20 DENSE BBN 40/60 (20mm AGGREGATE) TO CLAUSE 906 ON
 150mm OF GRANULAR SUB-BASE TO CLAUSE 804 (TYPE B) WITH ELKED SURFACE ON
 450mm CLASS B72 CAPPING STONE



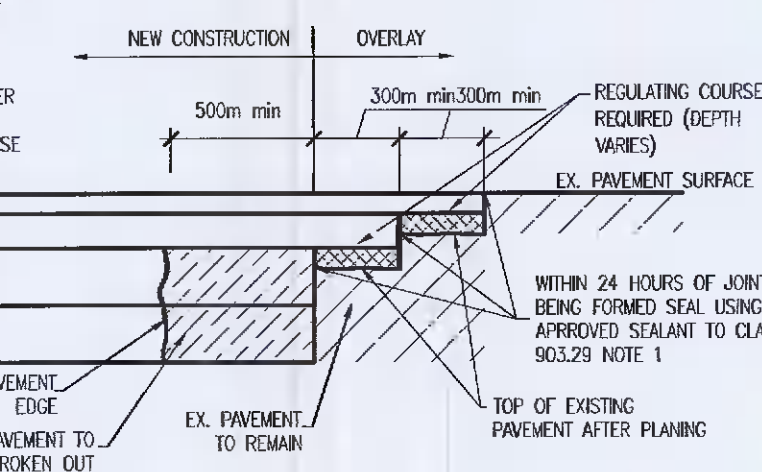
TYPICAL SECTION THROUGH ROAD/RAMP
 SCALE 1:25

NOTES:
 1. EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A ROBBY SAW TO FORM A VERTICAL FACE AND PRIMED IN ACCORDANCE WITH CLAUSE 920 (NOTE 1).
 2. WHERE THE BASE COURSE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF BASE COURSE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 1.0m MIN WITH THE BINDER COURSE AND SURFACE COURSE TO BE EACH STEPPED IN A FURTHER 1.0m MIN RESPECTIVELY.



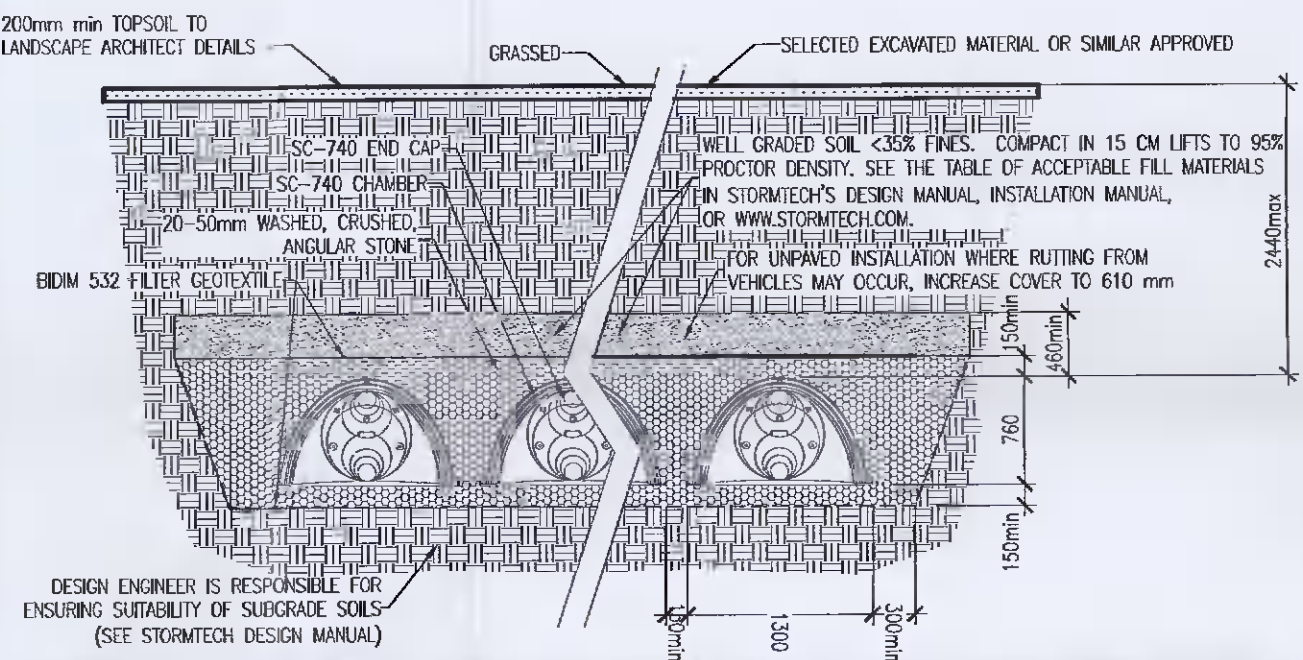
TRANSVERSE JOINT
 SCALE 1:25

NOTES:
 1. EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A ROBBY SAW TO FORM A VERTICAL FACE AND PRIMED IN ACCORDANCE WITH CLAUSE 920 (NOTE 1).
 2. WHERE THE BASE COURSE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF BASE COURSE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 0.2m MIN WITH THE BINDER COURSE AND SURFACE COURSE TO BE EACH STEPPED IN A FURTHER 0.2m MIN RESPECTIVELY.

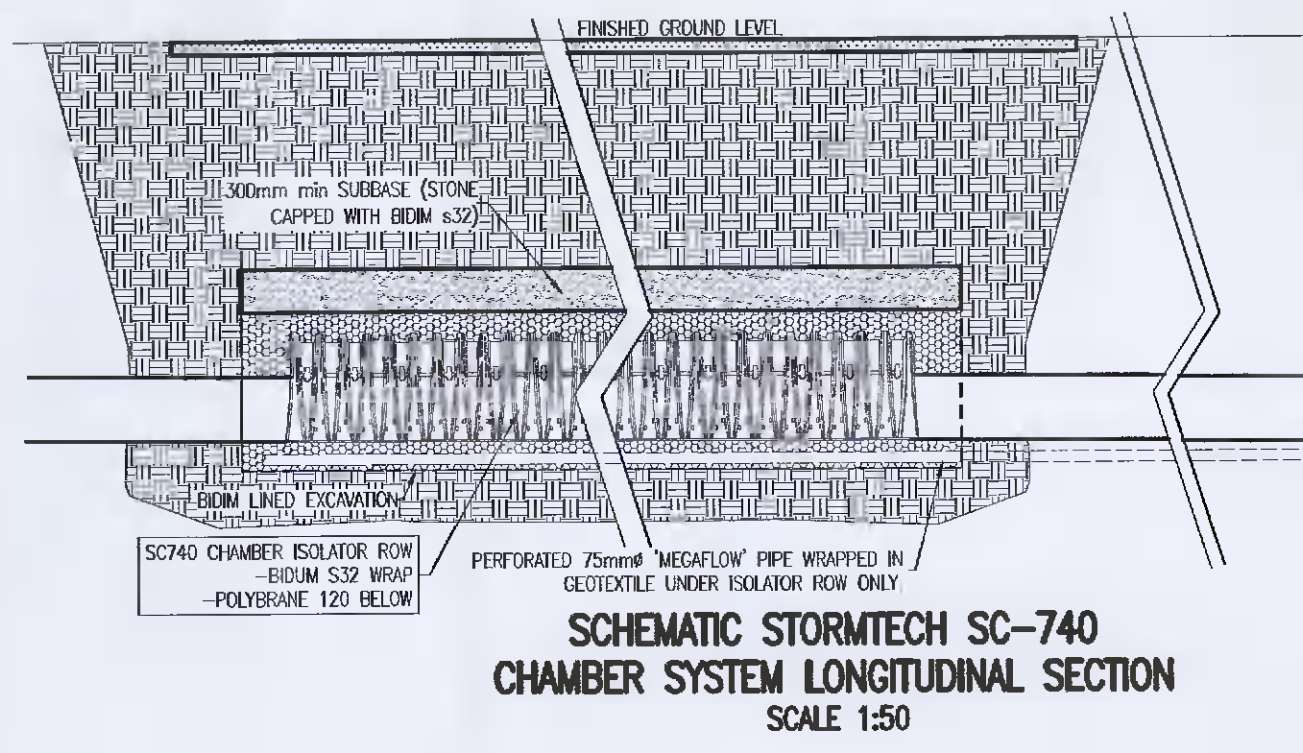


LONGITUDINAL JOINT DETAIL
 SCALE 1:25

NOTE:
 ALL FACES OF COOLD UPSTANDING EDGES SHALL BE TREATED TO CLAUSE 903.26 NOTE 1

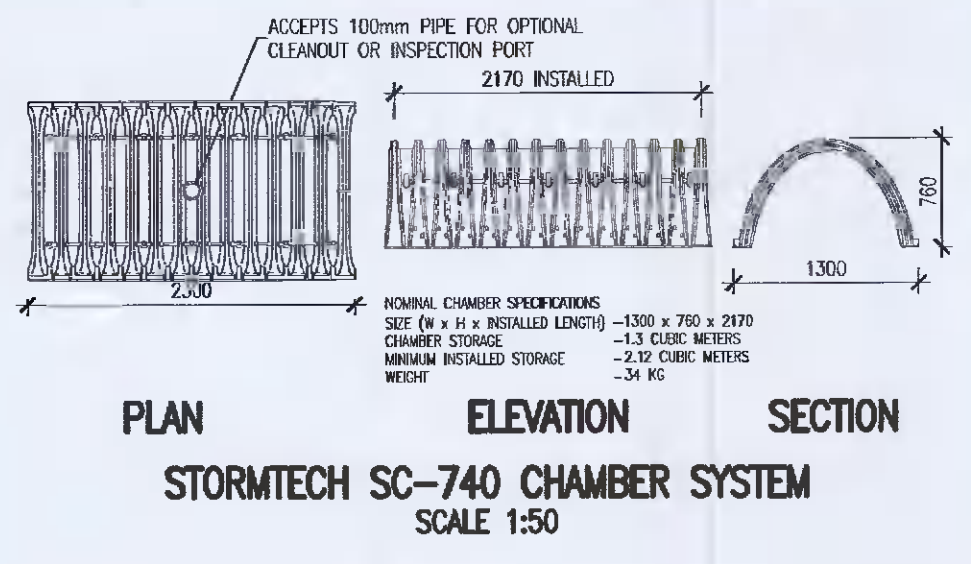


TYPICAL CROSS SECTION THROUGH STORMTECH SC-740 CHAMBER SYSTEM
 SCALE 1:50

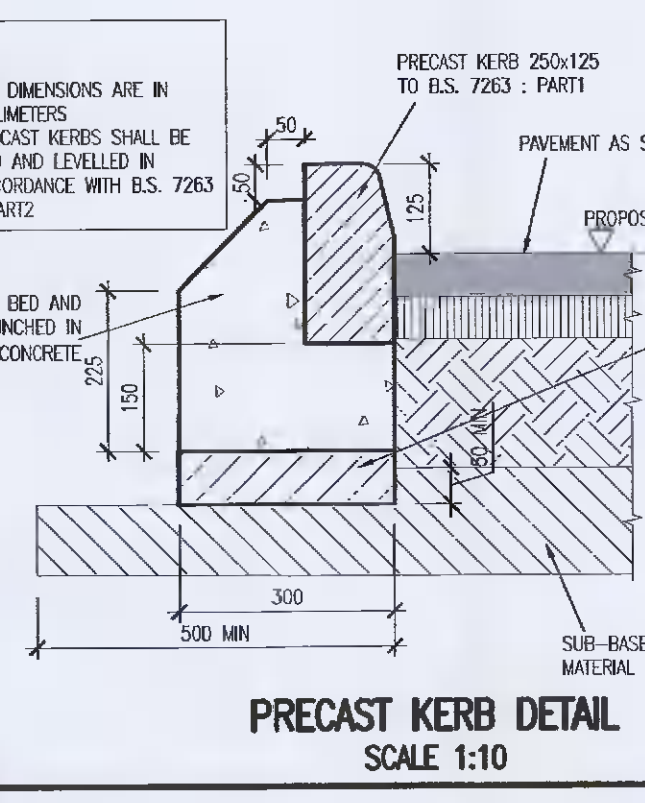


SCHEMATIC STORMTECH SC-740 CHAMBER SYSTEM LONGITUDINAL SECTION
 SCALE 1:50

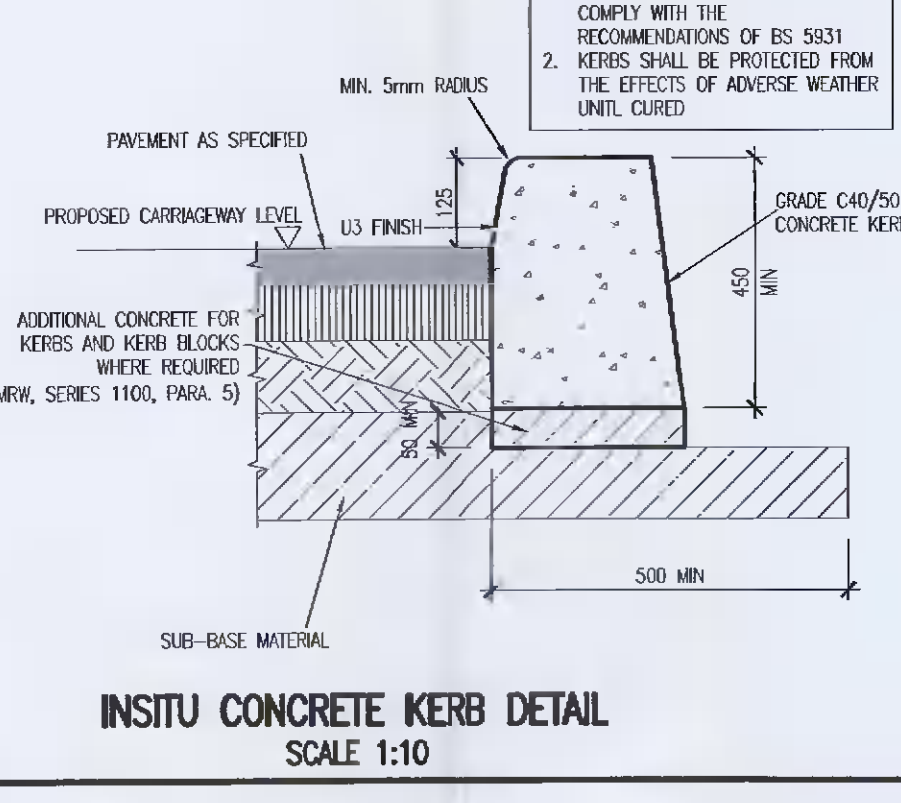
- LIST OF HIGH WATER WASTEWATER STANDARD DETAILS BROUGHT INTO THE CONTRACT**
- STD-WW-02 TYPICAL LAYOUT FOR SINKS WITHIN NEW DEVELOPMENT
 - STD-WW-03 BRAIN AND SERVICE CONNECTION PIPEWORK
 - STD-WW-04 TYPICAL SERVICE/VENT PIPE CONNECTION
 - STD-WW-05 TYPICAL SERVICE LAYOUT INCLUDING SEPARATION DISTANCES
 - STD-WW-06 RESTRICTIONS ON TRAYS/SUBS PLACING ADJACENT TO SINKS
 - STD-WW-07 TRENCH BODIES & BEINGS
 - STD-WW-08 CONCRETE BED, HAUNCH & SURROUND TO WASTEWATER PIPES
 - STD-WW-09 BACKFLOW MANHOLE (400mm)
 - STD-WW-10 PRE-CAST CONCRETE MANHOLE
 - STD-WW-11 80-100 CONCRETE MANHOLE
 - STD-WW-12 BACKSTOP MANHOLES
 - STD-WW-13 FLOWLINE SIDE INSPECTION CHAMBER
 - STD-WW-14 BRIBBIT BLOCKS FOR RISING MAINS
 - STD-WW-15 SCREW VALVE CHAMBER DETAIL RISING MAIN <math>< 200mm </math>
 - STD-WW-16 SLUICE VALVE DETAILS FOR RISING MAINS DUCTILE IRON (DI) PIPE <math>< 200mm </math> (SHEET 1 OF 2)
 - STD-WW-17 SLUICE VALVE DETAILS FOR RISING MAIN POLYETHYLENE (PE) PIPE <math>< 200mm </math> (SHEET 2 OF 2)
 - STD-WW-18 AIR VALVE CHAMBER (FOR RISING MAIN <math>< 200mm </math>)
 - STD-WW-19 CUCT CHAMBER
 - STD-WW-20 EMERGENT OVERFLOW STRUCTURE
 - STD-WW-21 TYPICAL DITCH/STREAM CROSSING FOR GRASSY MAIN (SHEET 1 OF 2)
 - STD-WW-22 TYPICAL DITCH/STREAM CROSSING FOR RISING MAIN (SHEET 1 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 (FOR RISING MAIN <math>< 200mm </math>)
 - STD-WW-28 INDICATIVE SUBMERSIBLE PUMPING STATION
 - STD-WW-29 RISING MAIN ESCAPE MANHOLE
 - STD-WW-30 ROOF TYPE 1 PUMPING STATION & WEL HEAD (SHEET 1 OF 2)
 - STD-WW-31 ROOF TYPE 2 & 3 PUMPING STATION & WEL HEAD (SHEET 2 OF 2)
 - STD-WW-32 HAZARDOUS AREA PUMPING STATION (PERMEABLE & IMPERMEABLE)
 - STD-WW-33 LAMP BELLIES & LAMP STANDARDS
 - STD-WW-34 VENT STACK



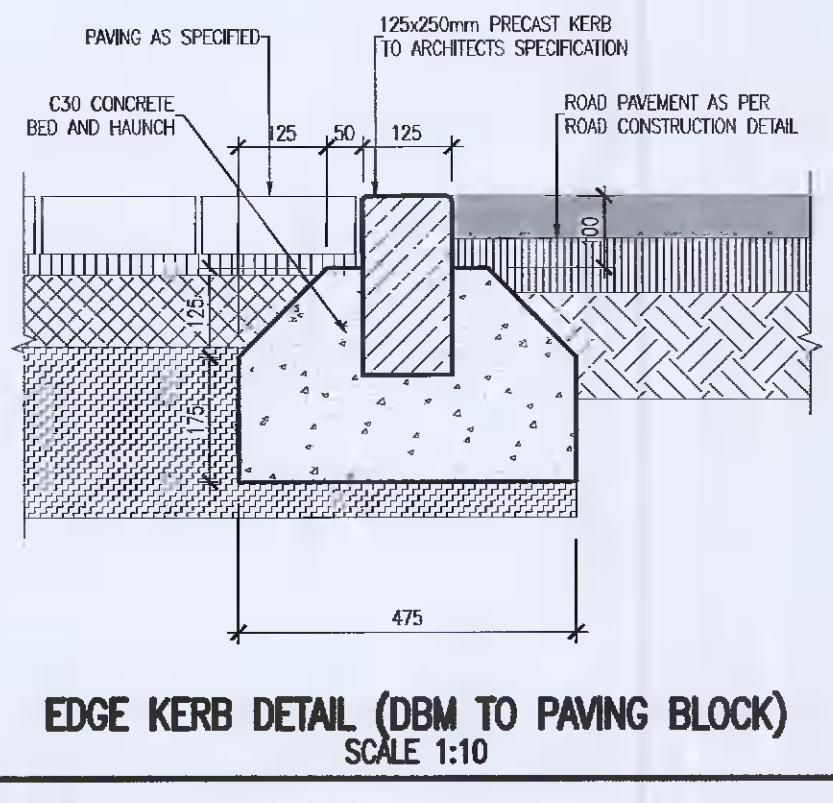
PLAN ELEVATION SECTION
STORMTECH SC-740 CHAMBER SYSTEM
 SCALE 1:50



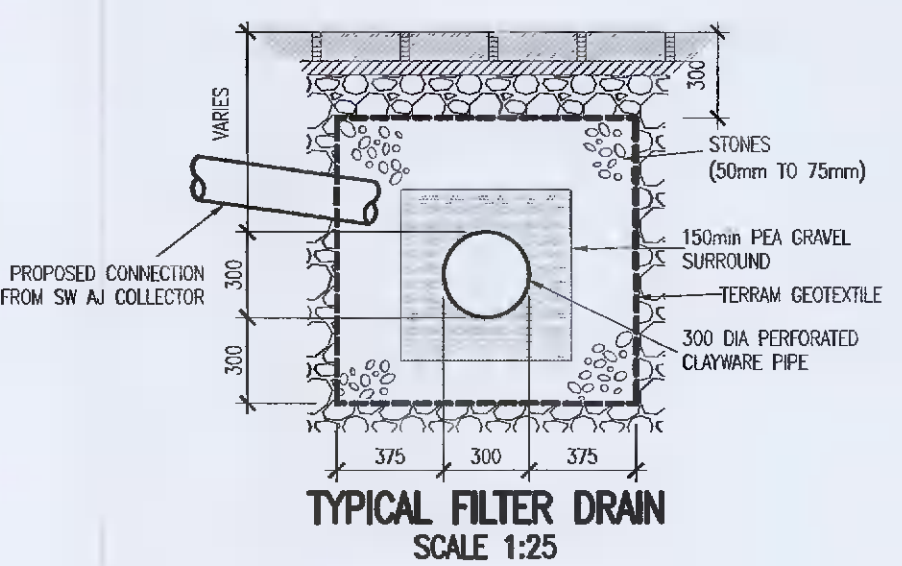
PRECAST KERB DETAIL
 SCALE 1:10



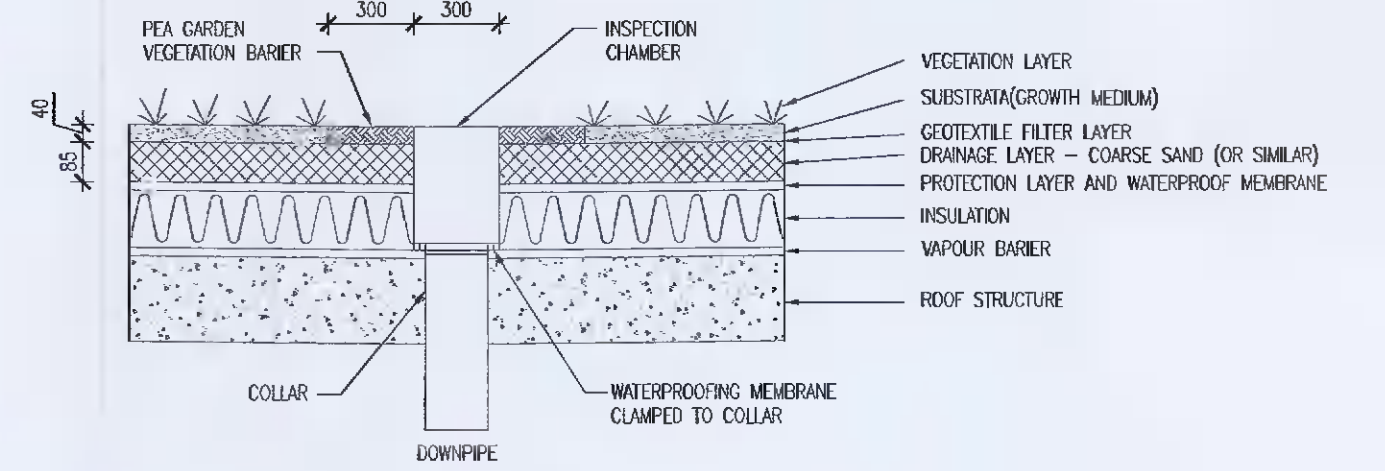
INSITU CONCRETE KERB DETAIL
 SCALE 1:10



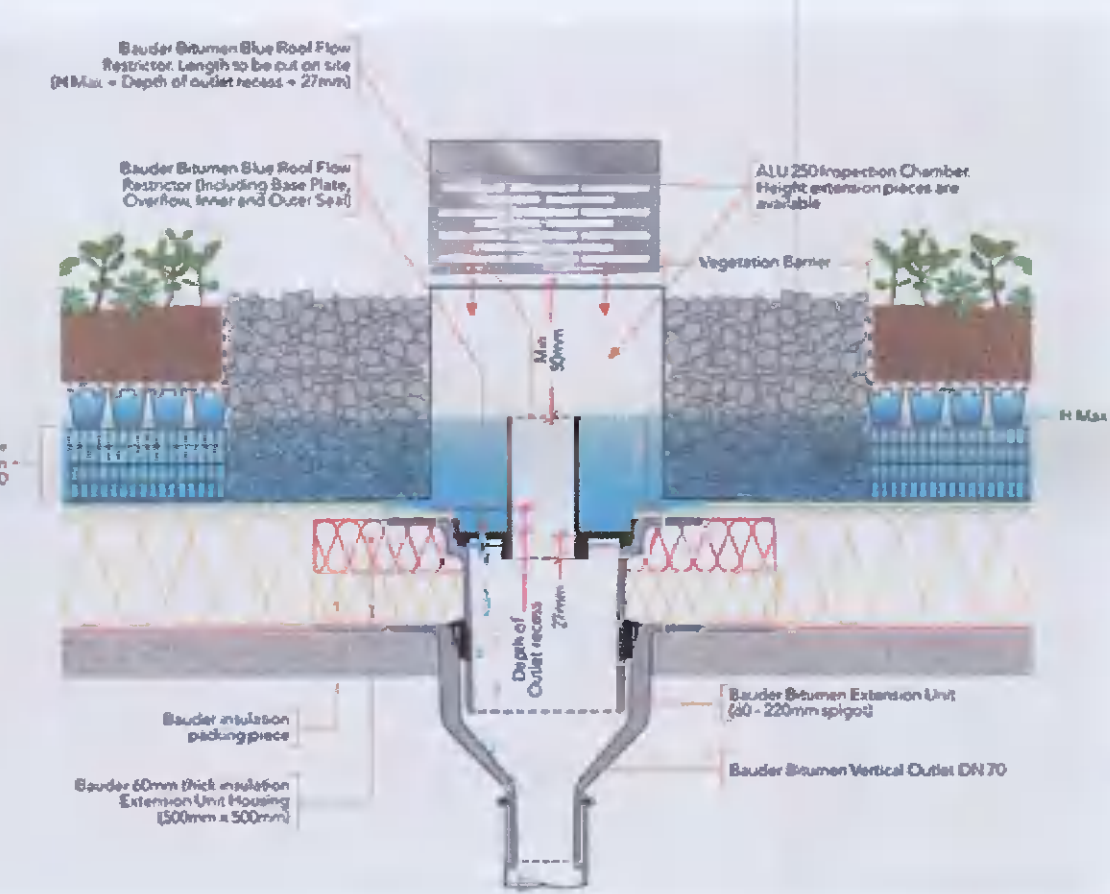
EDGE KERB DETAIL (DBM TO PAVING BLOCK)
 SCALE 1:10



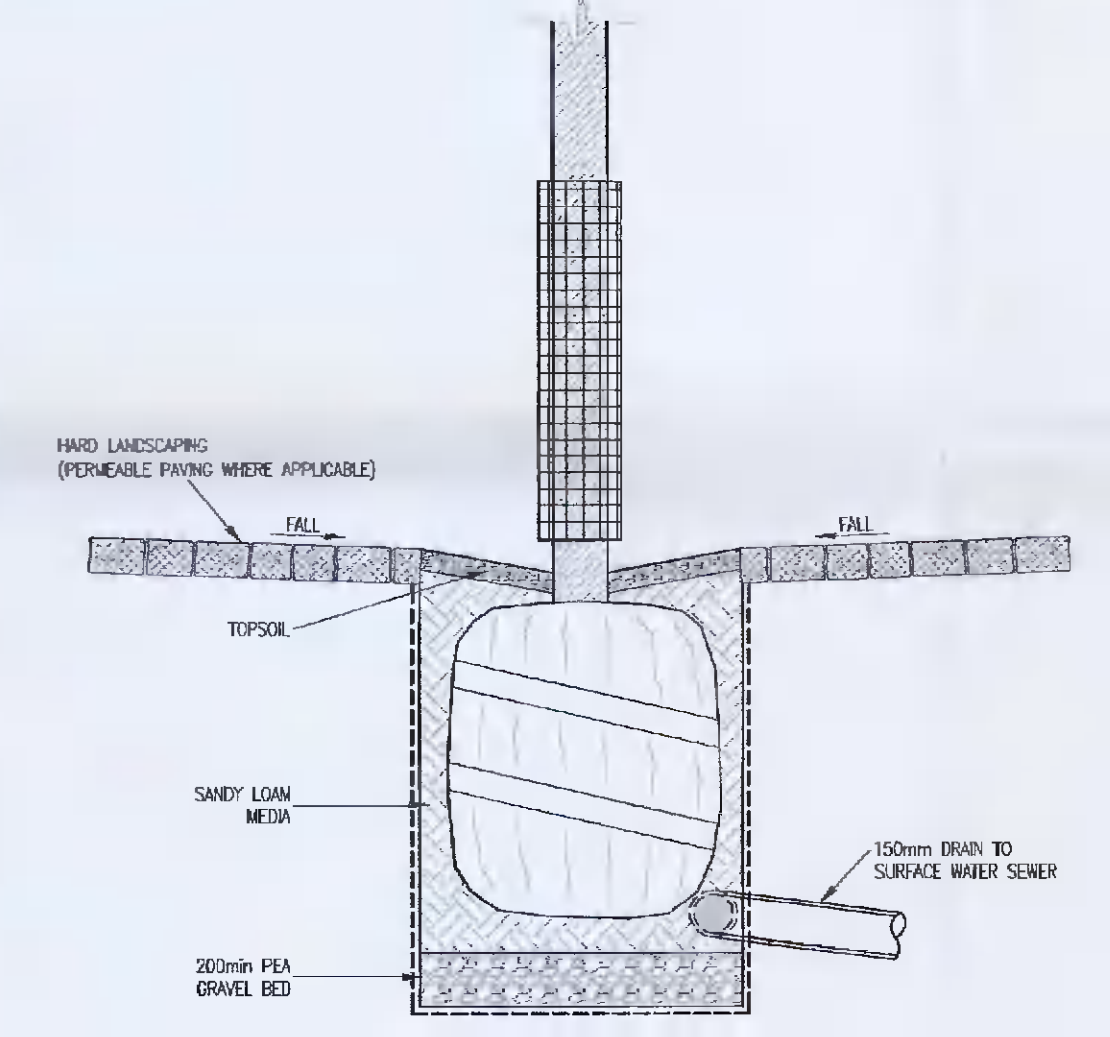
TYPICAL FILTER DRAIN
 SCALE 1:25



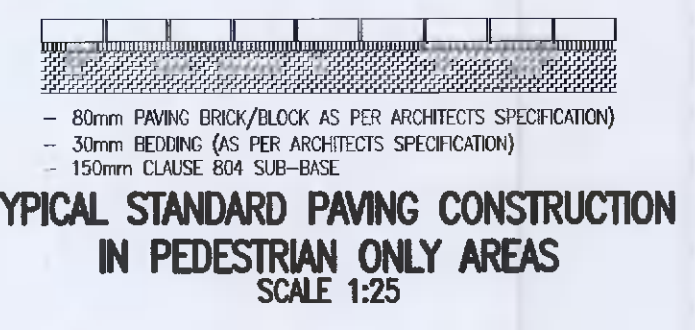
TYPICAL SECTION THROUGH GREEN ROOF
 SCALE 1:25



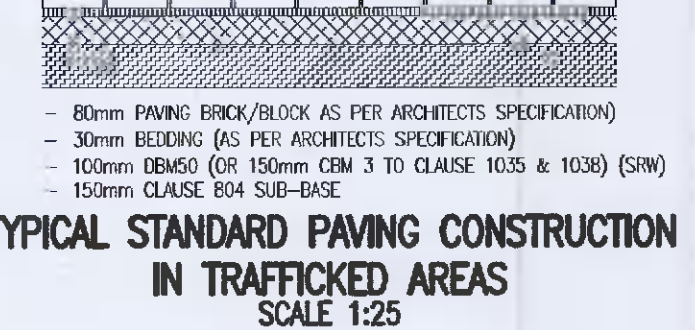
PROPOSED BLUE ROOF



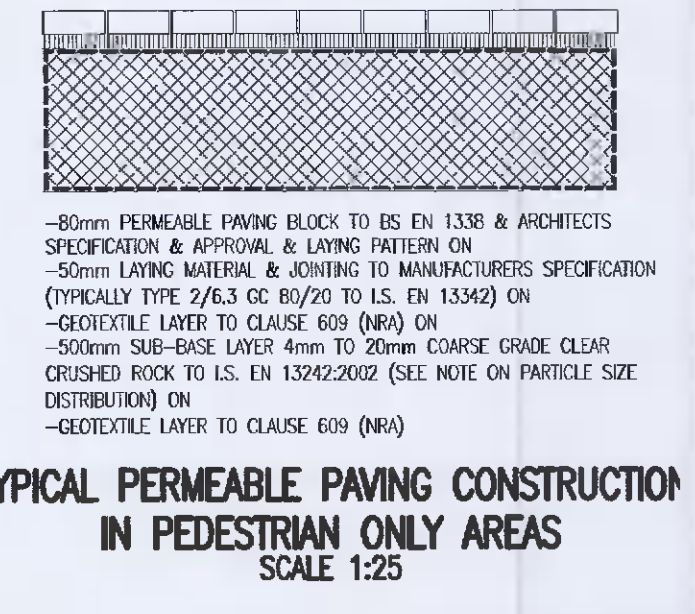
PROPOSED TREE PIT



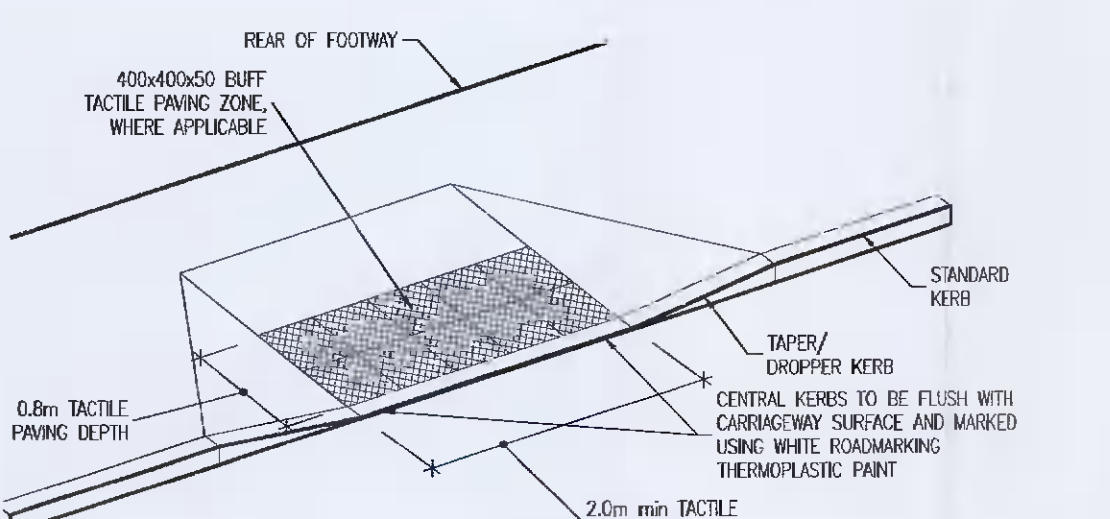
TYPICAL STANDARD PAVING CONSTRUCTION IN PEDESTRIAN ONLY AREAS
 SCALE 1:25



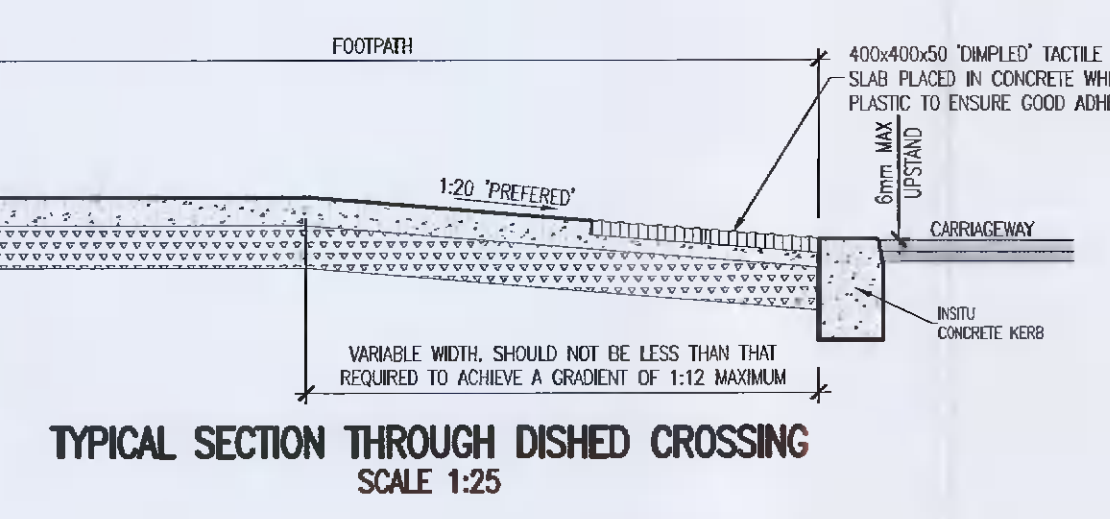
TYPICAL STANDARD PAVING CONSTRUCTION IN TRAFFICKED AREAS
 SCALE 1:25



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



UNCONTROLLED DISH CROSSING WITH TACTILE PAVING
 SCALE 1:50



TYPICAL SECTION THROUGH DISH CROSSING
 SCALE 1:25

NOT FOR CONSTRUCTION

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 905 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 D OF NRA'S SPECIFICATION FOR ROAD WORKS & 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 | 1.6 | 100 |
|--------------------------------------|--------|-----|
| 10 | 88-100 | |
| 6.3 | 80-99 | |
| 2.0 | 0-20 | |
| 1.0 | 0-5 | |
- CRUSHED STONE WITH 4-20mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 13242
- | BS SIEVE SIZE (mm) % BY MASS PASSING | 40 | 100 |
|--------------------------------------|--------|-----|
| 51.5 | 90-100 | |
| 20 | 80-99 | |
| 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 TO THE DURATION OF CONSTRUCTION IN ACCORDANCE WITH DWFL 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 10 COARSE GRANULAR MATERIAL IN ACCORDANCE WITH THE SPECIFICATION FOR ROADWORKS, NRA
 - ALL ROAD GULLIES IN ROADWAYS TO BE NON-LOCKABLE

Rev	Date	Description	SM	SJ	CHK
P	02/08/21	ISSUED FOR PLANNING	SM	SJ	

PLANNING

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PROJECT
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CLIENT
 Hollyville Investments Ltd.

DRAWING TITLE
 Typical Construction Details Sheet 1

dm. by: SM	date: AFR'21	scale: As Shown
drawing size: A1	chk: SJ	app: GD
job no: P-2012	dra. no: P-2012-C-106	rev: P