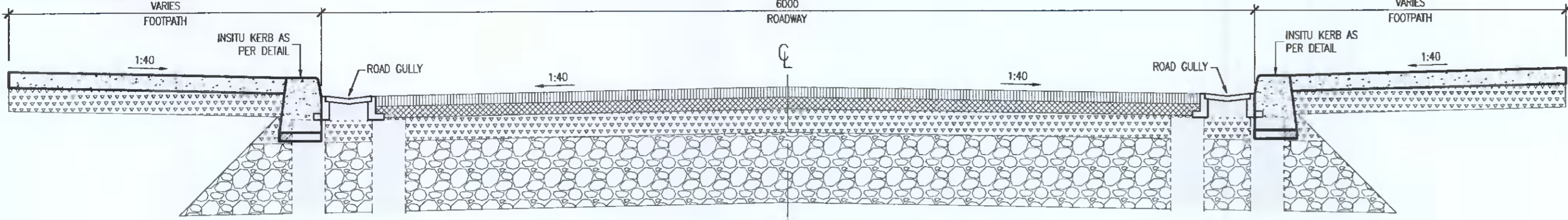


CONCRETE FOOTPATH

100mm CONCRETE PAVEMENT C40 AIR ENTRAINED OR C50 NO AIR ENTRAINED (EXPOSURE CLASS XF4) TO NRA CL 1106 ON
 150mm UNBOUND GRANULAR SUB-BASE TYPE B TO CLAUSE 804 AND CLAUSE 808 NOTE 1 (MIN CUR 30%) ON
 JOINTS TO BE FORMED WITH TWO LAYERS OF BITUMINOUS FELT FOR FULL SLAB DEPTH AT 3m CENTRES (JOINTS TO COINCIDE WITH JOINTS IN THE KERB AND POSITIONED AT CORNERS ETC LIABE TO CRACKING).
 FINISH BY FLOATING WITH WOODEN TROWEL WHILE STILL GREEN THEN LIGHTLY BRUSHED WITH A BRASS BROOM TO PRODUCE SLIGHT ROUGHNESS.

ROAD CONSTRUCTION

65mm OF DENSE ASPHALT CONCRETE SURFACE COURSE: AC 6 DENSE SURF 70/100 REC TO CLAUSE 909 (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 BLUNDED SURFACE ON
 450mm CLASS 6/2 CAPPING STONE



TYPICAL SECTION THROUGH ACCESS ROAD/RAMP
SCALE 1:25

NOTES:
 1. EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A ROTARY 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.

NOTES:
 1. EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 0.5m WITH A ROTARY 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 0.3m MIN RESPECTIVELY.

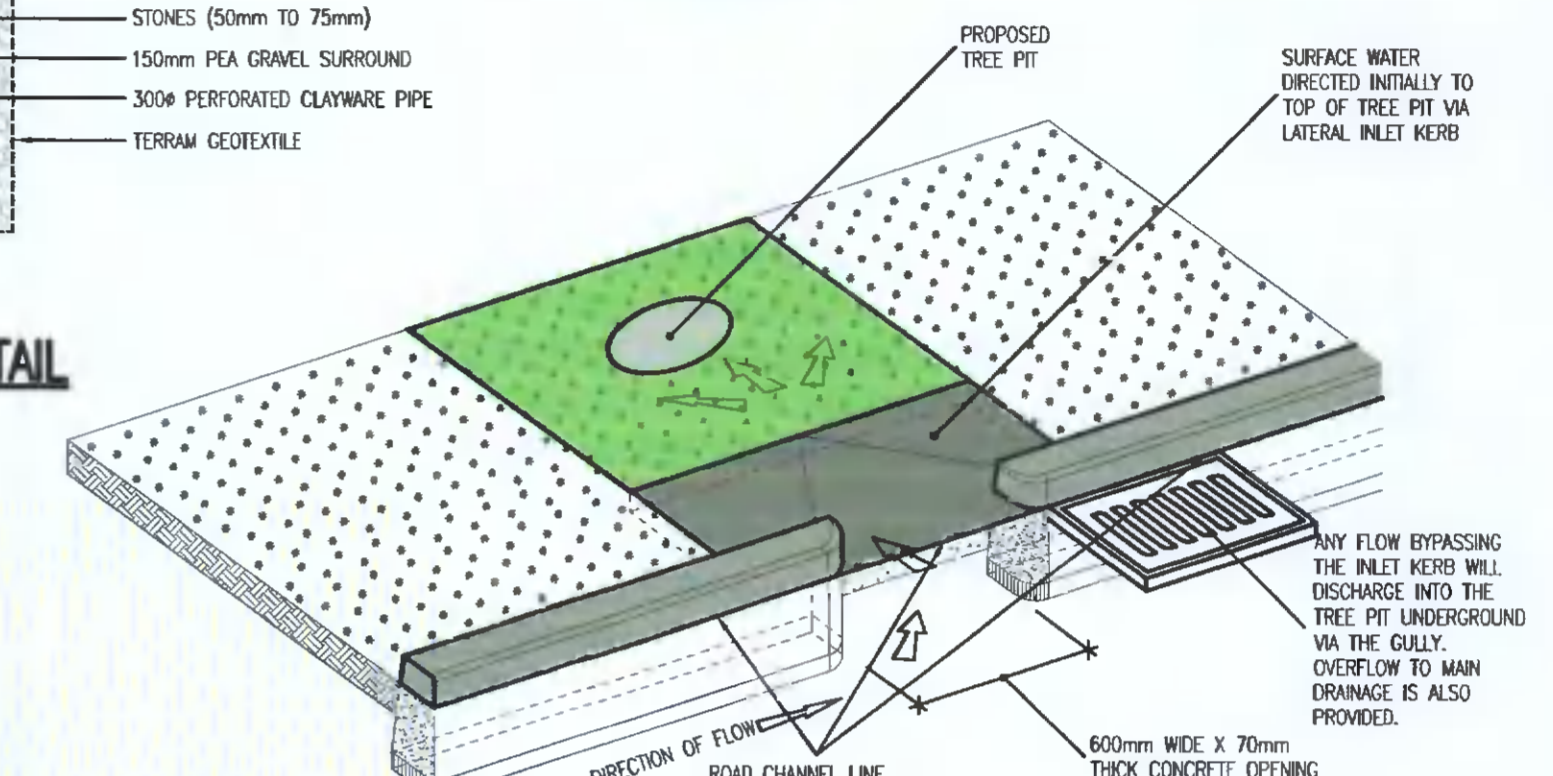
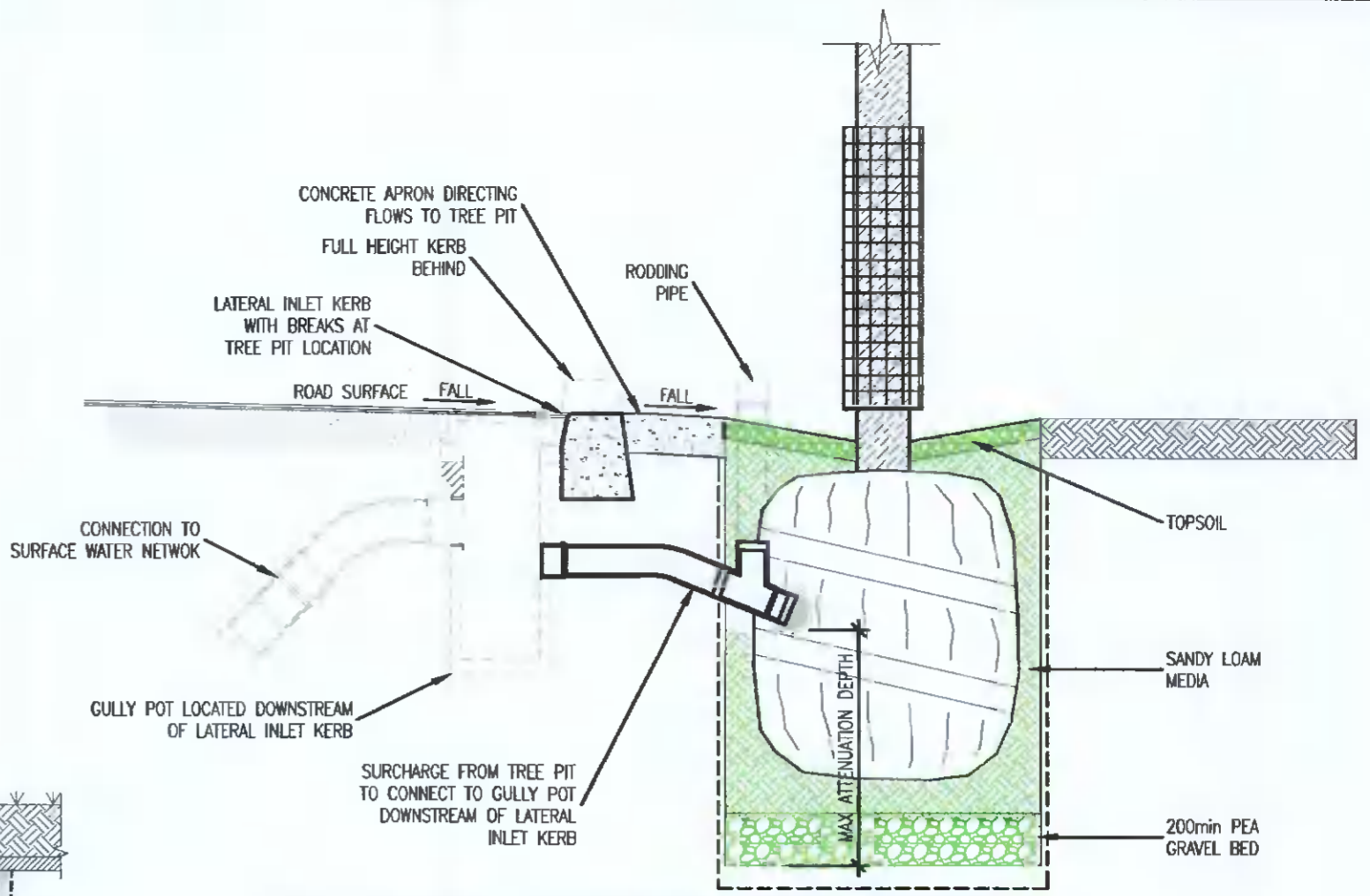
NOTE:
 ALL FACES OF COLD UPSTANDING EDGES SHALL BE TREATED TO CLAUSE 903.26 NOTE 1

TRANSVERSE JOINT
SCALE 1:25

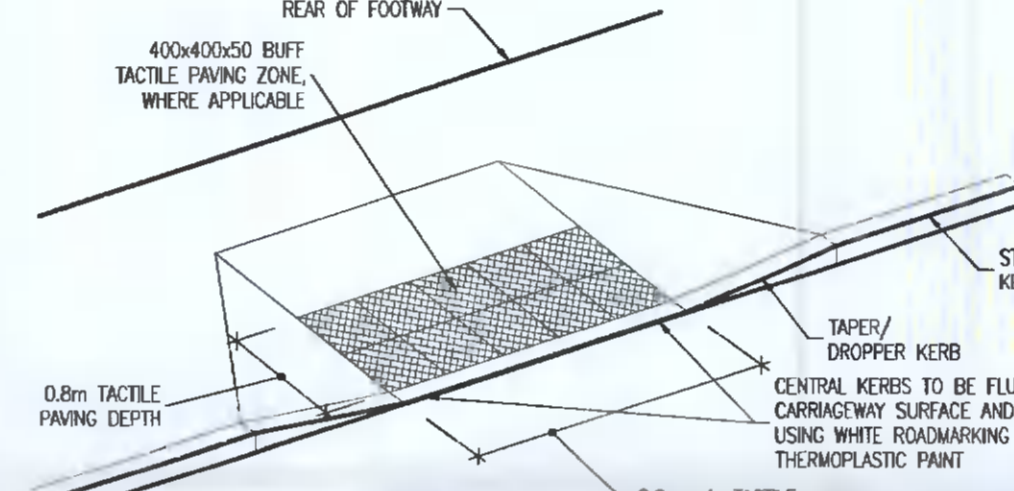
LONGITUDINAL JOINT DETAIL
SCALE 1:25

FILTER DRAIN DETAIL
SCALE 1:25

TYPICAL LATERAL INLET KERB TO TREE PIT DETAIL
SCALE 1:25



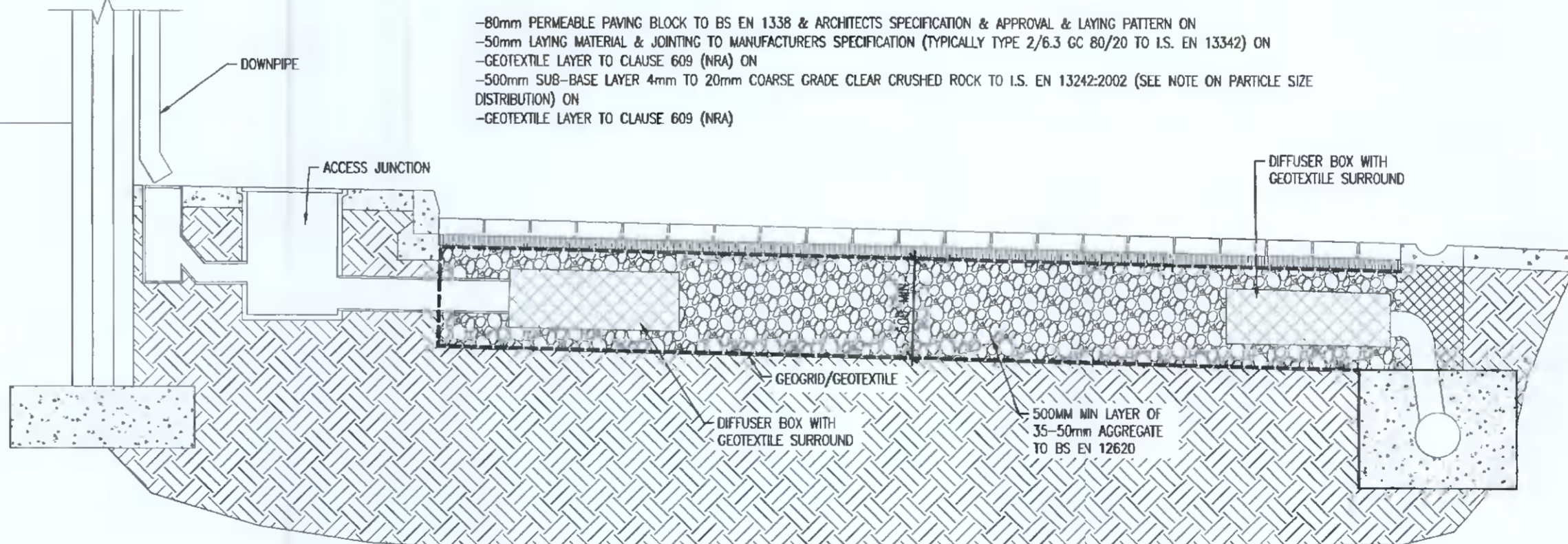
LATERAL INLET KERB CONNECTING TO TREE PIT - ISOMETRIC VIEW
SCALE 1:25



UNCONTROLLED DISHED CROSSING WITH TACTILE PAVING
SCALE 1:50

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
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 SEWER/SERVICE PIPE CONNECTION INDICATING SEPARATION DISTANCES
 - STD-WW-06 RESTRICTIONS ON TREES/SHRUBS PLANTING ADJACENT TO SEWERS
 - STD-WW-07 TRENCH BACKFILL & BEDDING
 - STD-WW-08 CONCRETE BED, HAUNCH & SURROUND TO WASTEWATER PIPES
 - STD-WW-09 BLOCKWORK MANHOLE (450mm)
 - STD-WW-10 PRE-CAST CONCRETE MANHOLE
 - STD-WW-11 IN-SITU CONCRETE MANHOLE
 - STD-WW-12 BACKFILL OF MANHOLE
 - STD-WW-13 PRIVATE SIDE INSPECTION CHAMBER
 - STD-WW-14 THURST 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 (D.I.) 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 DUCT CHAMBER
 - STD-WW-20 EMERGENCY OVERFLOW STRUCTURE
 - STD-WW-21 TYPICAL DITCH/STREAM CROSSING FOR RISING MAIN (SHEET 1 OF 2)
 - STD-WW-22 TYPICAL DITCH/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-28A INDICATIVE PRE-CAST CONCRETE SUBMERSIBLE PUMPING STATION
 - STD-WW-29 RISING MAIN DISCHARGE MANHOLE
 - STD-WW-30 KIOSK TYPE 1 PUMPING STATION & WET KIOSK (SHEET 1 OF 2)
 - STD-WW-31 KIOSK TYPE 2 & 3 PUMPING STATION & WET KIOSK (SHEET 2 OF 2)
 - STD-WW-32 HANDSTANDING AREA PUMPING STATION (PERMEABLE & IMPERMEABLE)
 - STD-WW-33 LAMP BOLLARD & LAMP STANDARDS
 - STD-WW-34 VENT STACK

TYPICAL SECTION THROUGH DISHED CROSSING
SCALE 1:25

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

INSITU CONCRETE KERB DETAIL
SCALE 1:10

PRECAST KERB DETAIL
SCALE 1:10

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 6/1, 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 |
- 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 |
| 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 |
|-----|----------|---------------------|----|-----|
| P2 | 28/04/22 | CFI RESPONSE | SM | SJ |
| P1 | 25/01/22 | RFI RESPONSE | SM | SJ |
| P | 15/10/21 | PLANNING SUBMISSION | SM | SJ |

PLANNING



Scope House, 75 Shelton Street, Covent Garden, Dublin D12 K8PP, London WC2H 8JQ
 www.gdalyconsulting.com

PROJECT
 U-Store-It, Liffey Valley

CLIENT
 Oceanglade Ltd

DRAWING TITLE
 Typical Construction Details
 Sheet 1

| dra. by: | date: | scale: |
|---------------|-------------|----------|
| PTC | Oct '20 | As Shown |
| drawing size: | chk: | app: |
| A1 | SJ | GD |
| job no: | dra. no: | rev: |
| P2005 | P2005-C-210 | P2 |

NOT FOR CONSTRUCTION