

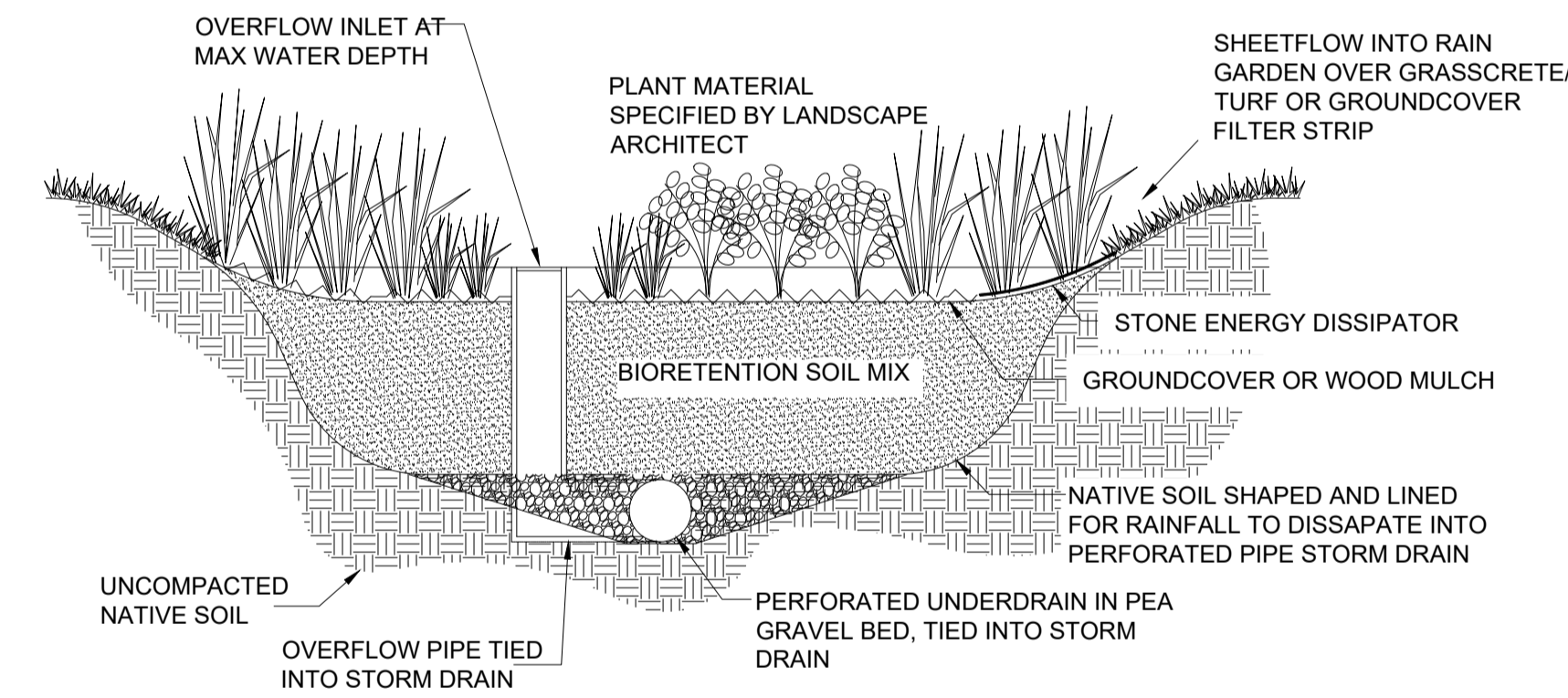
FOR LANDSCAPING DETAILS, RAIN GARDEN AREAS AND DESCRIPTIONS SEE SEP DRAWING BY LANDSCAPE ARCHITECT

16mx4.0mx1.60m DEEP ATTENUATION TANK FORMED USING HEAVY DUTY POLYSTYRENE CELLS (94% VOIDS) WITH INTEGRAL INSPECTION CHAMBER AND VENT CONNECTING INTO EXISTING STORMWATER DRAINAGE SYSTEM USING AN INTEGRAL HYDROBRAKE MANHOLE TO LIMIT SITE STORMWATER DISCHARGE FLOWS TO 2/s AS AGREED WITH DCWW.

EXISTING ATTENUATION TANK TO BE DECOMMISSIONED/ REMOVED.
STORMWATER FLOWS FROM ATTENUATED STORMWATER NETWORK DISCHARGED VIA THE EXISTING COMBINED SEWER INTO DCWW NETWORK VIA PUMPING STATION IF REQUIRED

KEY

- SOFT LANDSCAPED
- RAIN GARDENS
- IMPERMEABLE TARMACADAM
- HARDSTANDING ROOF/ PATIO AREAS POSITIVELY DRAINED VIA RAINWATER DOWNPIPES TO ROOF/ STRIP DRAINS IN PAVING
- RAIN GARDEN OVERFLOW PIPE CONNECTED TO ATTENUATION SYSTEM
- STORM WATER MANHOLE
- RAINGARDEN UNDERDRAIN-PERFORATED PIPE
- RODDING EYE
- DIRECTION OF FALL
- ROAD GULLY CONNECTED TO ATTENUATION SYSTEM
- GRASSCRETE OR EQUIVALENT SURFACE



INDICATIVE TYPICAL SECTION THROUGH RAIN GARDEN SYSTEM
SCALE NTS

NOTES:

1. DO NOT SCALE THIS DRAWING.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED WL ARCHITECTS & SUB-CONTRACTORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWING REFER TO WL FOR CLARIFICATION.
3. THIS DRAWING IS BASED ON SITE LAYOUTS PRODUCED BY DWE ARCHITECTURE.
4. ALL EXTERNAL DRAINAGE WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH 'CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY' 7TH EDITION, BS EN 752 & PART H OF THE CURRENT BUILDING REGULATIONS.
5. ALL BUILDING DRAINAGE TO BE INSTALLED AND TESTED IN COMPLIANCE WITH THE BUILDING REGULATIONS 2000 DRAINAGE AND WASTE DISPOSAL APPROVED DOCUMENT H 2002 EDITION. ALL DRAINAGE WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH LATEST EDITION OF 'SEWERS FOR ADOPTION'.
6. ALL COMPONENTS AND MATERIALS ARE TO BE MANUFACTURED AND SUPPLIED IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARDS, AND LAID AND BACKFILLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND THE RELEVANT BRITISH STANDARDS.
7. THE CONTRACTOR SHALL, BEFORE COMMENCING THE WORKS, VERIFY ALL SITE AND SETTING DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUE AND PROPER SETTING OUT OF THE WORKS AND FOR THE CORRECTNESS OF THE POSITIONS, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
8. SMALL LIGHTWEIGHT ACCESS COVERS SHOULD BE SECURED FOR EXAMPLE WITH SCREWS TO DETER UNAUTHORISED ACCESS.
9. INSPECTION CHAMBERS AND MANHOLES IN BUILDING TO HAVE MECHANICALLY FIXED AIRTIGHT COVERS UNLESS THE DRAIN ITSELF HAS WATERTIGHT ACCESS COVERS.
10. ALL INSITU CONCRETE USED FOR DRAINAGE WORKS SHALL BE GEN1 C20 MIX AND COMPLY WITH BS EN 206-1 AND BS8500.
11. ALL GRAVITY SEWER PIPES ARE TO BE LAID USING PIPE LENGTHS NOT EXCEEDING 3m AND CONSTRUCTED USING UPVC PIPES AND SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 1401-1, BS EN 1852 AND BS EN 12666-1.
12. ALL NEW PIPES LAID OUTSIDE SITE BOUNDARY TO BE ENCASED IN 100mm CONCRETE BED AND SURROUND (GRADE GEN3 (C16/C20)).

Drawing Status
PLANNING/PRE-SAB APP

Client
TOWNSCAPE HOMES LTD.

Job Title
RE DEVELOPMENT OF KENSINGTON ROAD, NEWPORT.

Drawing Title
OUTLINE STORMWATER DRAINAGE STRATEGY

Architects
DWE ARCHITECTURE
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Scale	1:200 @A1	Original	DG
Checked	DG	Approved	ETJ
Date	09/07/2025		
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