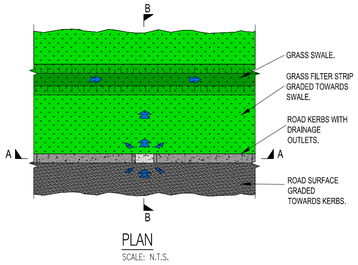
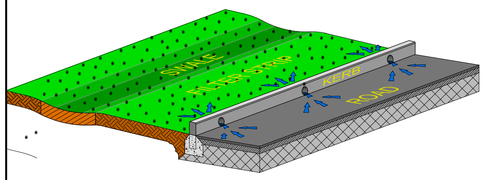


SCHEMATIC LAYOUT
SCALE: N.T.S.

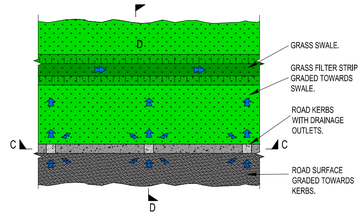


PLAN
SCALE: N.T.S.

TYPICAL ROADSIDE LATERAL KERB INLET (NON-CONTINUOUS KERB)

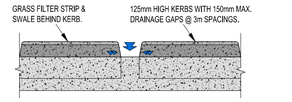


SCHEMATIC LAYOUT
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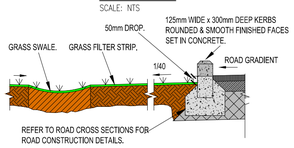


PLAN
SCALE: N.T.S.

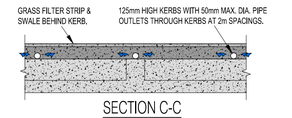
TYPICAL ROADSIDE LATERAL KERB INLET (KERB WITH PIPE OUTLETS)



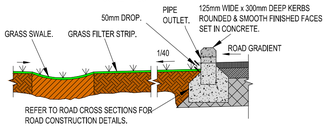
SECTION A-A
SCALE: NTS



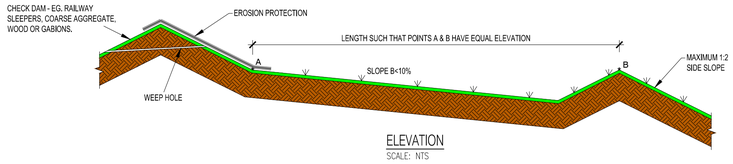
SECTION B-B
SCALE: NTS



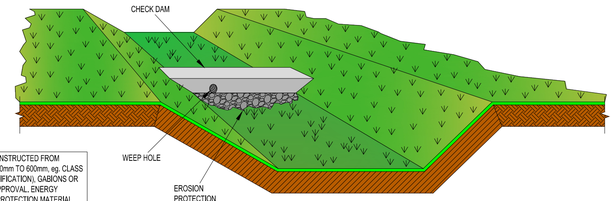
SECTION C-C
SCALE: 1:25



SECTION D-D
SCALE: NTS



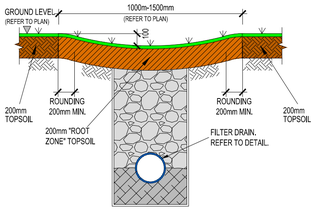
ELEVATION
SCALE: NTS



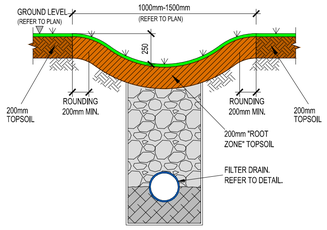
SCHEMATIC
SCALE: NTS

CHECK DAMS MAY BE CONSTRUCTED FROM COARSE AGGREGATE (100mm TO 600mm, eg. CLASS 6B MATERIAL TO TII SPECIFICATION), GABIONS OR EARTH TO ENGINEERS APPROVAL. ENERGY DISSIPATION / EROSION PROTECTION MATERIAL SHOULD ALSO EXTEND 1-2m DOWNSTREAM OF DAM ACROSS BOTH THE BASE & SIDES OF THE SWALE.

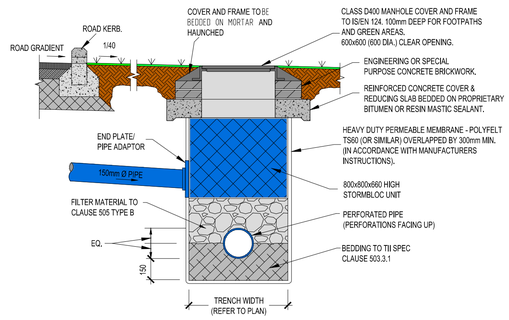
CHECK DAMS



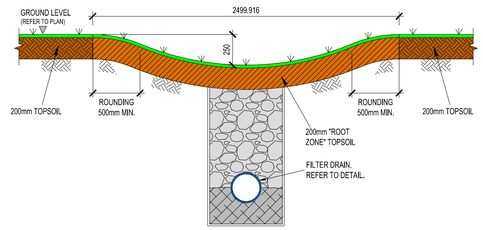
DRY SWALE DETAIL - 'TYPE 1'
SCALE: NTS



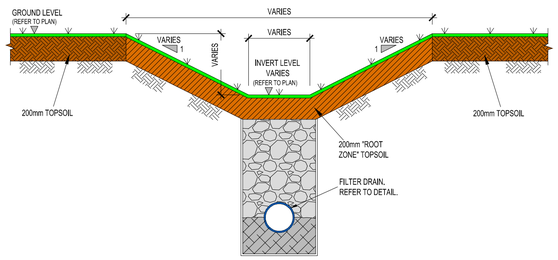
DRY SWALE DETAIL - 'TYPE 2'
SCALE: NTS



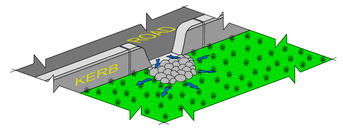
GULLY CONNECTION TO FILTER DRAIN
SCALE: NTS



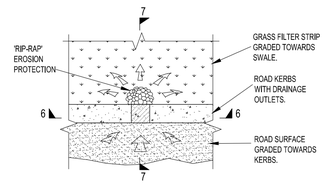
DRY SWALE DETAIL - 'TYPE 3'
SCALE: NTS



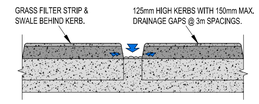
DRY SWALE DETAIL - 'TYPE 4'
SCALE: NTS



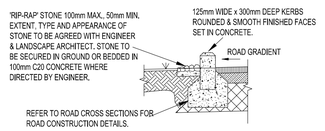
SCHEMATIC LAYOUT



PLAN



SECTION 6-6



SECTION 7-7

TYPICAL 'RIP-RAP' EROSION CONTROL DETAIL
SCALE: NTS

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE TO MALIN HEAD DATUM.
3. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS.
4. CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE.
5. ALL COORDINATES ARE TO IRISH TRANSVERSE MERCATOR
6. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS.
7. COPYRIGHT OSL.

SURFACE WATER NOTES:

1. ALL WORK TO BE UNDERTAKEN IN ACCORDANCE WITH:
   - 1.1. TII SPECIFICATION FOR ROADWORKS
   - 1.2. GREATER DUBLIN CODE OF PRACTICE FOR DRAINAGE WORKS
   - 1.3. RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS
2. ALL REINFORCED CONCRETE ON THIS DRAWING SHALL BE C25/30 WITH COVER = 50mm MIN. WITH A MINIMUM CEMENT CONTENT OF 280 kg/m^3, MAXIMUM W/C RATIO OF 0.65 AND SLUMP CLASS S2
3. SURFACE FINISHES FOR CONCRETE:
   - 3.1. CLASS F1 FOR ALL CONCRETE 100mm OR MORE BELOW GROUND LEVEL.
   - 3.2. CLASS F3 FOR ALL EXPOSED CONCRETE ABOVE 100mm BELOW GROUND LEVEL
3. ALL EXPOSED CONRNERS ON CONCRETE SHALL BE CHAMFERED WITH 25mm x 25mm CHAMFERS.
4. ALL STRUCUTRAL CONCRETE (HEADWALLS, RC MANHOLES, PETROL INTERCEPTOR SLABS) TO RECEIVE MC DUR 1680 (OR SIMILAR APPORVED TAR MODIFIED EPOXY RESIN) TO ALL BURIED SURFACES, TO FINISH 100mm BELOW GROUND LEVEL
5. ALL SEWERS SHALL BE PRESSURE TESTED PRIOR TO BACKFILLING.

REV	DATE	DESCRIPTION	BY	CHK'D	AUTH
P03	29.05.26	ISSUED FOR PLANNING	BJM	DB	DB
P02	03.11.25	ISSUED FOR SECTION 32B	BJM	JT	DB
P01	28.10.25	ISSUED FOR INFORMATION	BJM	JT	DB

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Civil, Structural & Project Engineering Services
Unit 38 Eastgate Drive, Little Island, Cork T45 YO49
Tel: +353 21 4297572

CLIENT

GLR PROPERTY LTD.

PROJECT
PROPOSED LARGE-SCALE RESIDENTIAL DEVELOPMENT AT OLD ORCHARD, MONALEEN, LIMERICK, CO. LIMERICK

TITLE
PROPOSED SURFACE WATER DETAILS SHEET 7

PURPOSE: FOR PLANNING

ORIGINAL SCALE: A1 - AS SHOWN
ORIGINAL ISSUE DATE: 28.10.2025

STATUS: S2
DRAWING NO: 25066-OSL-90-DR-C-9026
REV: P03