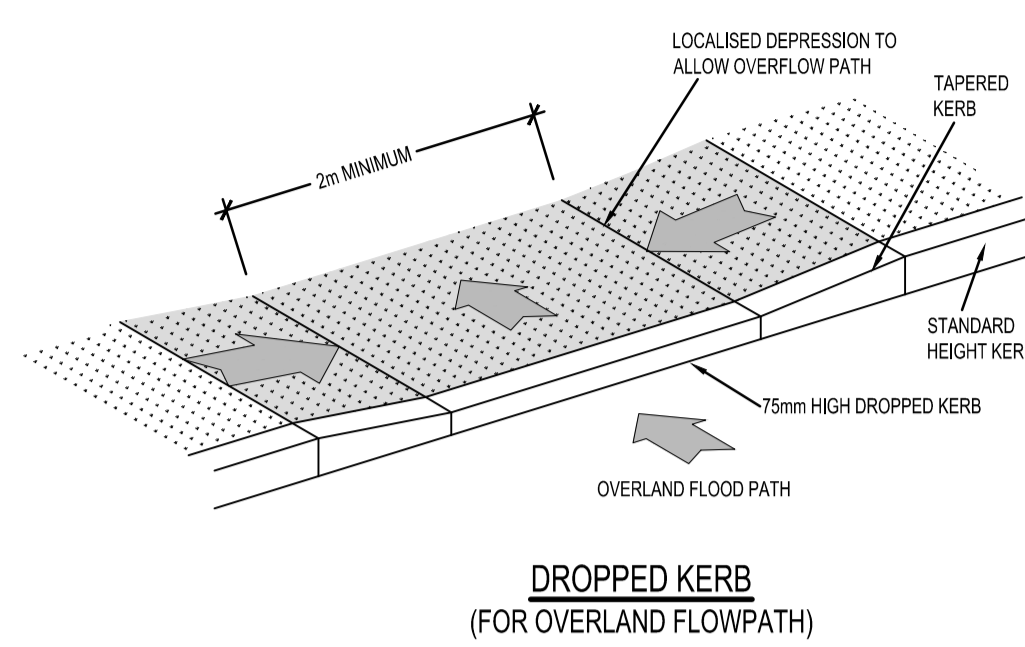
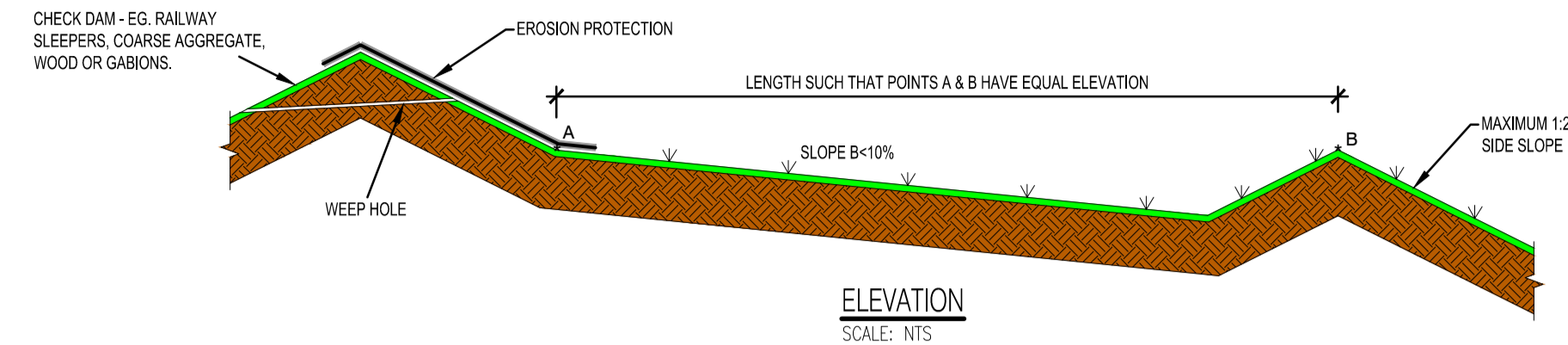


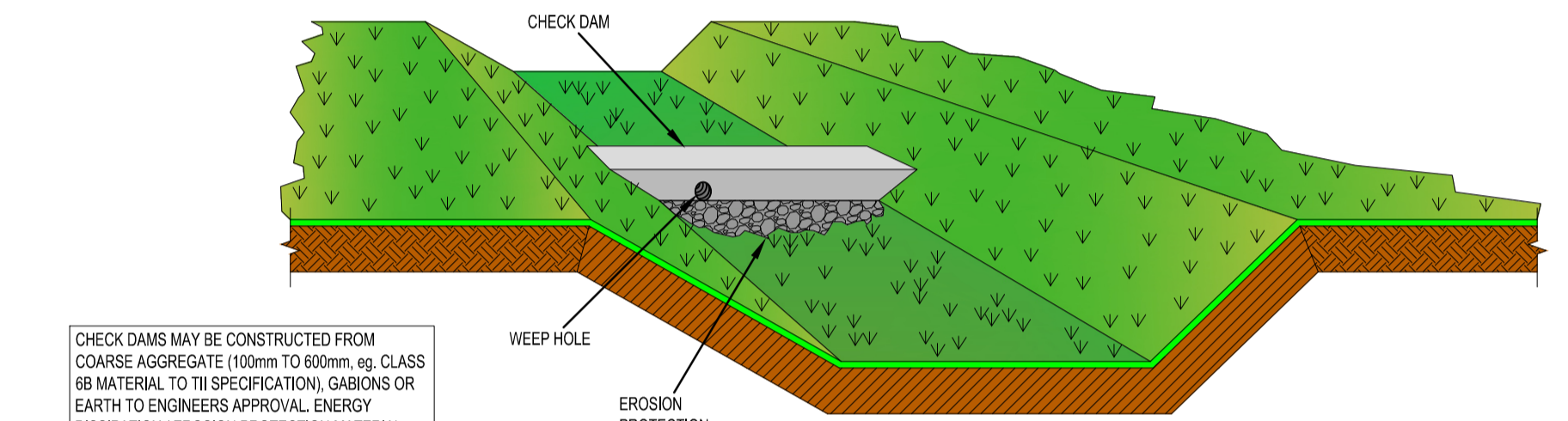
**TYPICAL HOUSE DRAINAGE SECTION**  
SCALE: NTS



**DROPPED KERB (FOR OVERLAND FLOWPATH)**

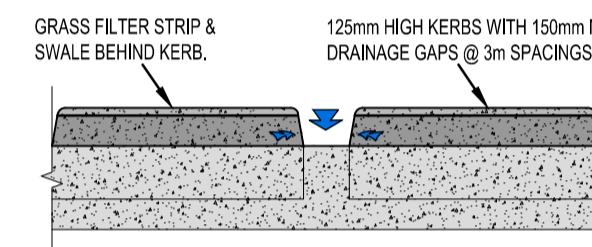


**ELEVATION**  
SCALE: NTS

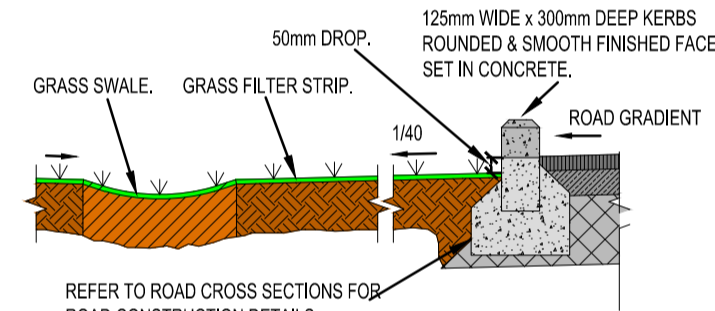


**SCHEMATIC**  
SCALE: NTS  
**CHECK DAMS**

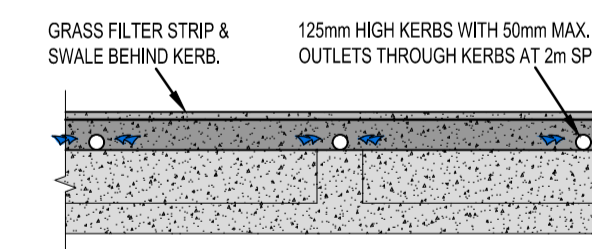
CHECK DAMS MAY BE CONSTRUCTED FROM COARSE AGGREGATE (100mm TO 80mm, eg. CLASS B8 MATERIAL TO T11 SPECIFICATION), GABIONS OR EARTH TO ENGINEERS APPROVAL. ENERGY DISSIPATION / EROSION PROTECTION MATERIAL SHOULD ALSO EXTEND 1-2m DOWNSTREAM OF DAM ACROSS BOTH THE BASE & SIDES OF THE SWALE.



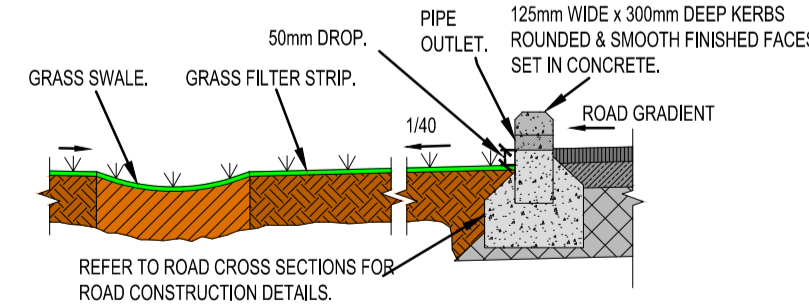
**SECTION A-A**  
SCALE: NTS



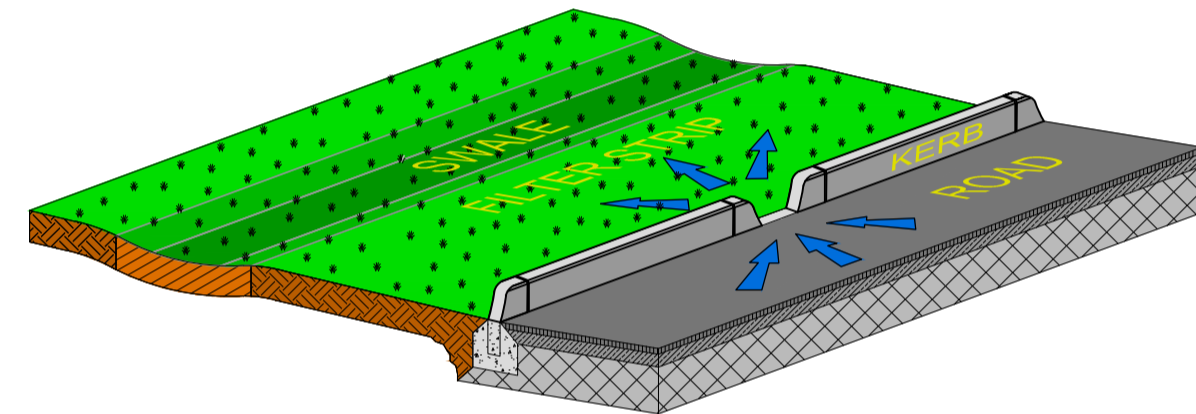
**SECTION B-B**  
SCALE: NTS



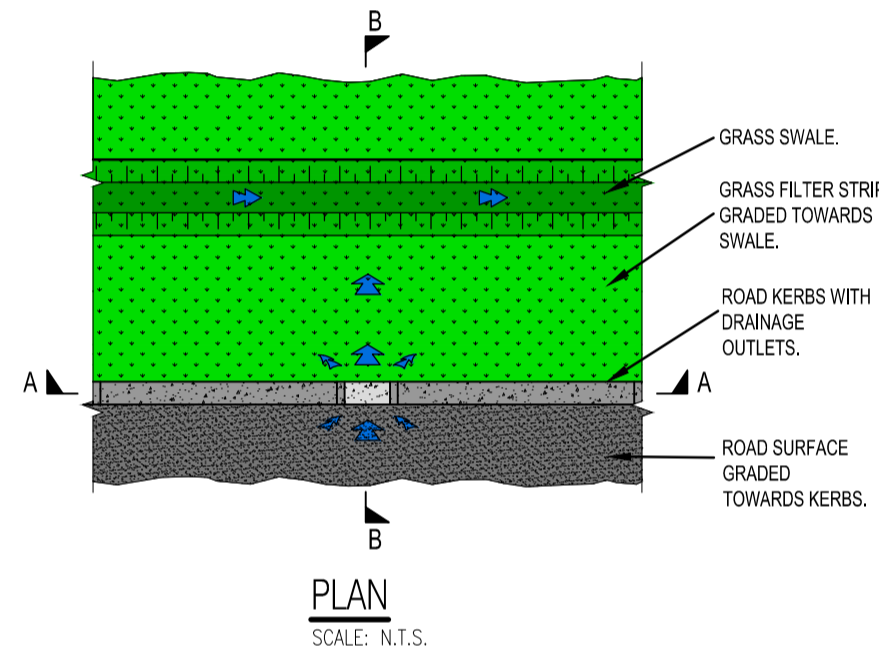
**SECTION C-C**  
SCALE: 1:25



**SECTION D-D**  
SCALE: NTS

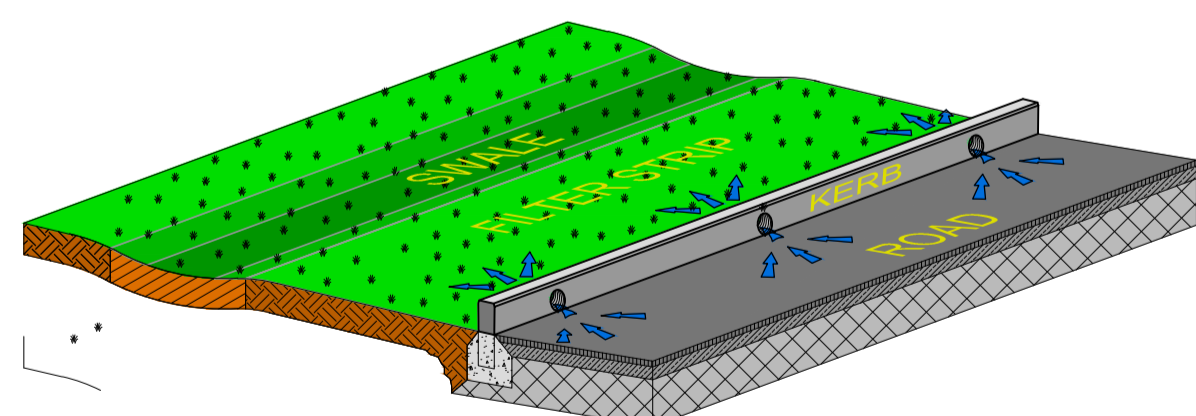


**SCHEMATIC LAYOUT**  
SCALE: N.T.S.

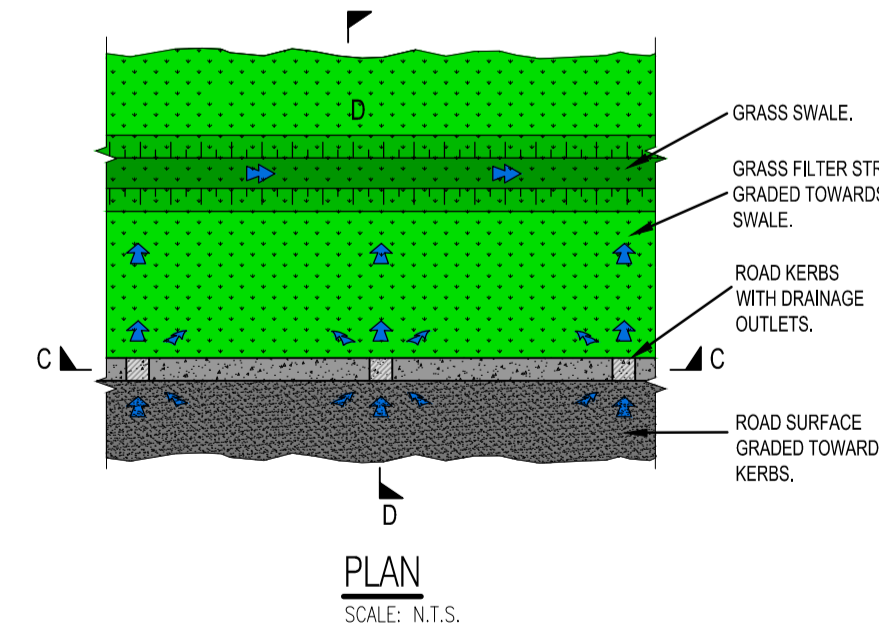


**PLAN**  
SCALE: N.T.S.

**TYPICAL ROADSIDE LATERAL KERB INLET (NON-CONTINUOUS KERB)**

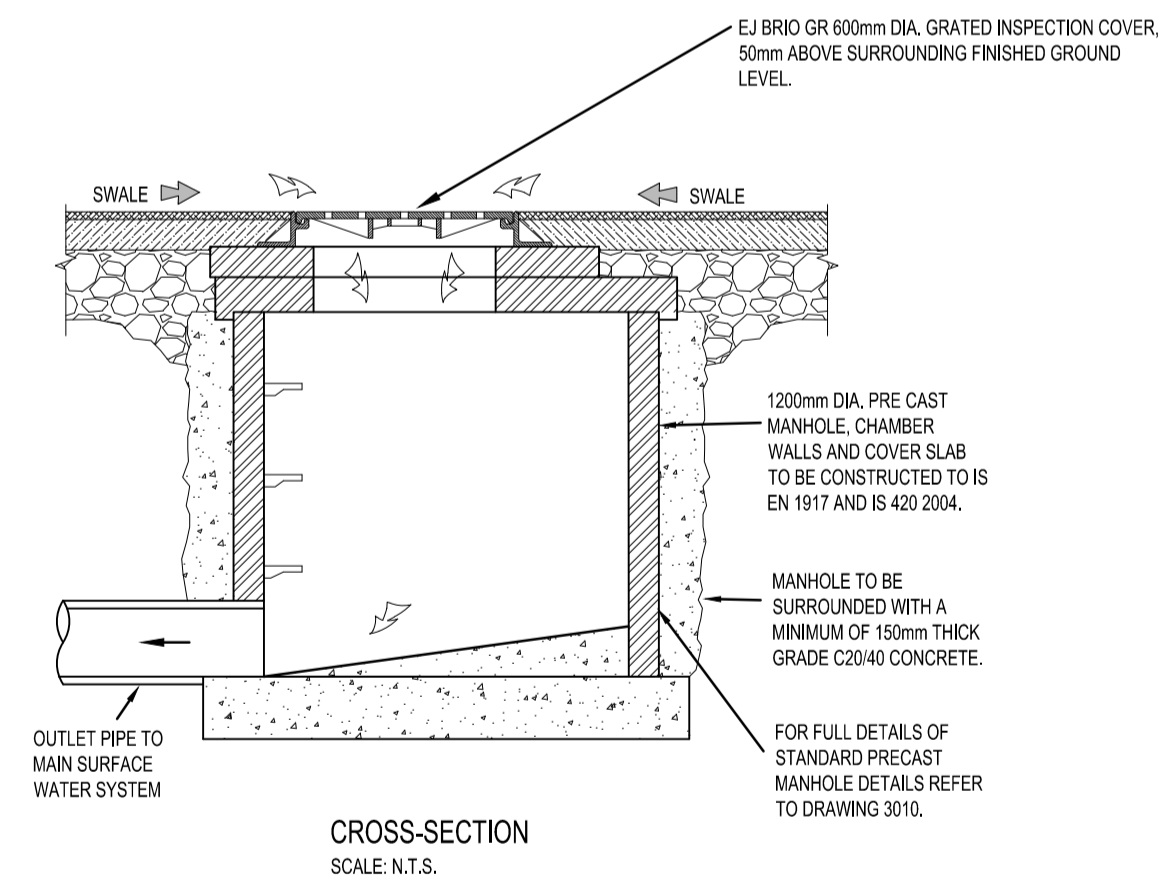
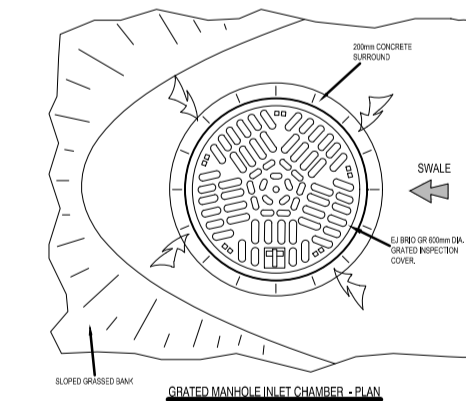


**SCHEMATIC LAYOUT**  
SCALE: N.T.S.



**PLAN**  
SCALE: N.T.S.

**TYPICAL ROADSIDE LATERAL KERB INLET (KERB WITH PIPE OUTLETS)**



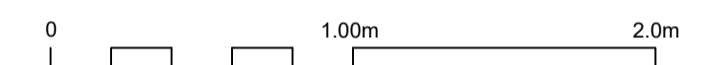
**GRATED MANHOLE INLET CHAMBER**  
(FOR SWALE AND DETENTION BASIN DRAINAGE)

**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. T11 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<sup>3</sup>, 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 CORNERS ON CONCRETE SHALL BE CHAMFERED WITH 25mm x 25mm CHAMFERS.
4. ALL STRUCTURAL CONCRETE (HEADWALLS, RC MANHOLES, PETROL INTERCEPTOR SLABS) TO RECEIVE MC DUR 1680 (OR SIMILAR APPROVED 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	CHECK	AUTH
P02	01.08.25	ISSUED FOR PLANNING		BJM	DB DB
P01	09.04.25	ISSUED FOR SECTION 32B SUBMISSION		DV	BJM DB

CLIENT	----- HOMELAND PROJECTS LTD. -----
PROJECT	LARGE-SCALE RESIDENTIAL DEVELOPMENT AT ROSS ROAD, KILLARNEY, CO. KERRY

TITLE	PROPOSED SURFACE WATER DETAILS SHEET 5
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PURPOSE	FOR PLANNING
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ORIGINAL SCALE	A1 - NTS	ORIGINAL ISSUE DATE	27.02.25
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STATUS	S2	DRAWING NO	24041-OSL-90-DR-C-9024	REV	P02
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