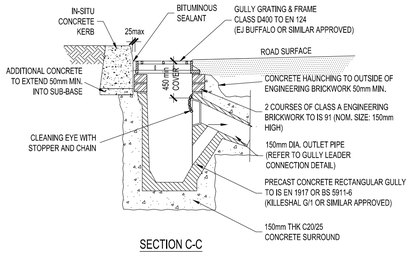
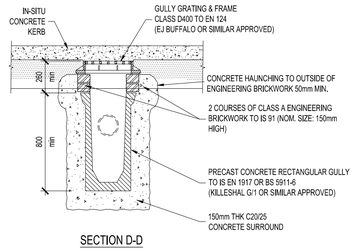


PLAN



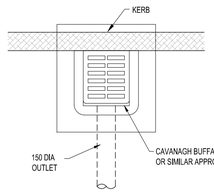
SECTION C-C



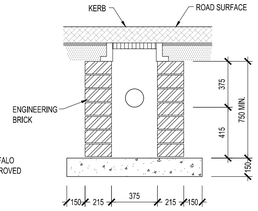
SECTION D-D

RECTANGULAR PRECAST ROAD GULLY DETAIL

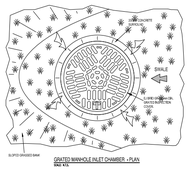
SCALE 1:25

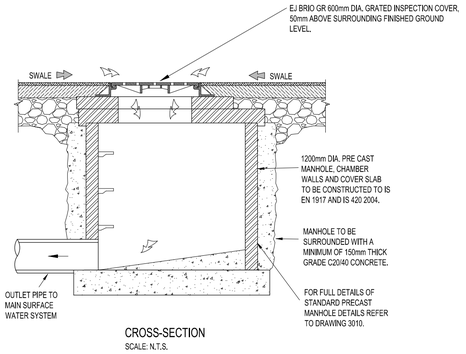


PLAN



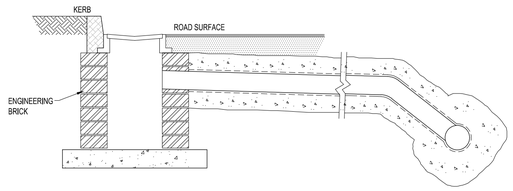
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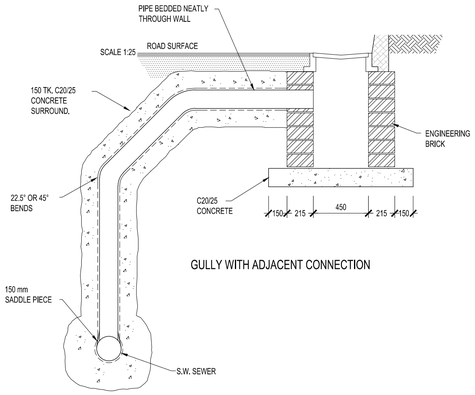


CROSS-SECTION
SCALE: N.T.S.

GRATED MANHOLE INLET CHAMBER
[FOR SWALE DRAINAGE]

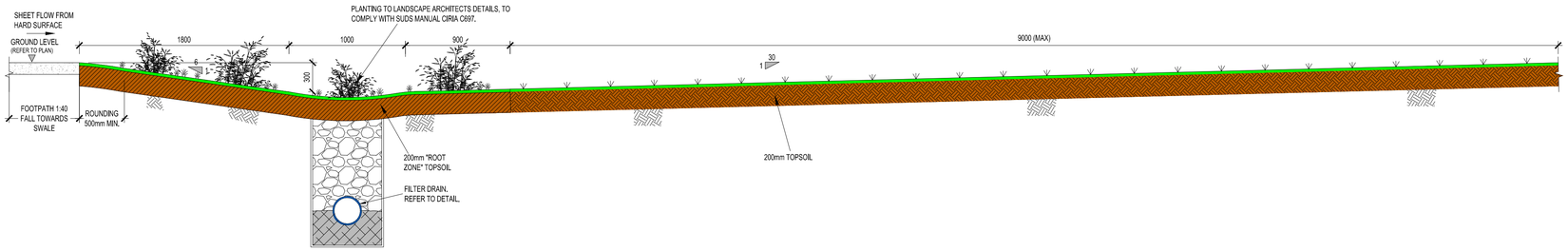


GULLY WITH CONNECTION ON OPPOSITE SIDE OF ROAD



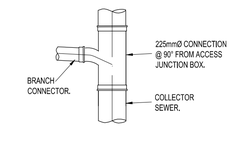
GULLY WITH ADJACENT CONNECTION

RECTANGULAR BLOCKWORK ROAD GULLY DETAILS

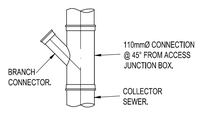


TYPICAL SECTION THROUGH SWALE AND DETENTION POND

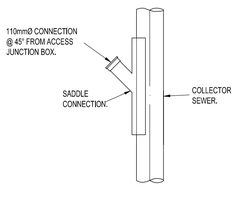
SCALE: NTS



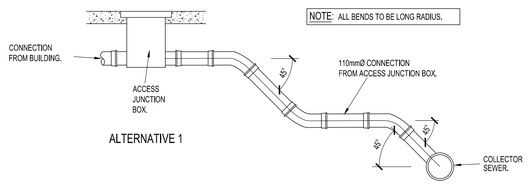
PLAN OF 90° BRANCH CONNECTION



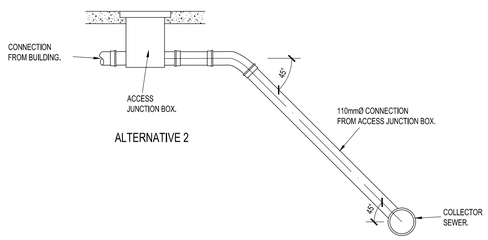
PLAN OF 45° BRANCH CONNECTION



PLAN OF SADDLE CONNECTION



ALTERNATIVE 1



ALTERNATIVE 2

SADDLE CONNECTION FROM ACCESS JUNCTION (AJ) BOX TO COLLECTOR SEWER

SCALE N.T.S.

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
4. ALL EXPOSED CONRNERS ON CONCRETE SHALL BE CHAMFERED WITH 25mm x 25mm CHAMFERS.
5. 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
6. 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
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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 3

PURPOSE: FOR PLANNING

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

STATUS: S2
DRAWING NO: 25066-OSL-90-DR-C-9022
REV: P03