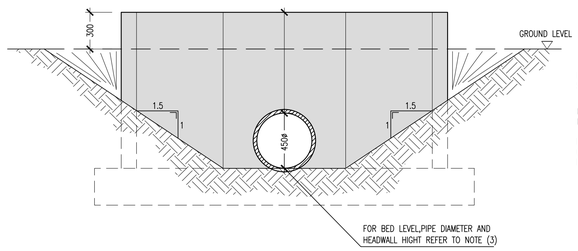
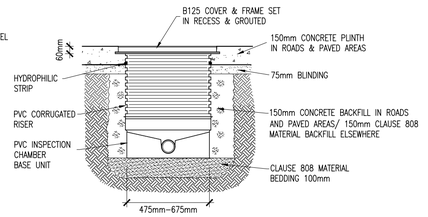
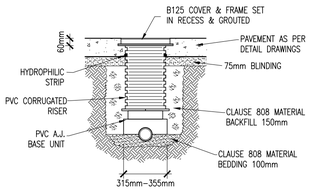


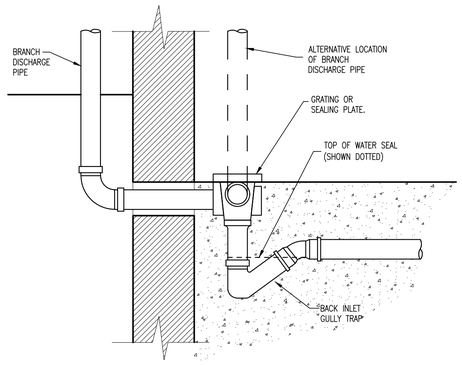
ELEVATION



INSPECTION CHAMBER

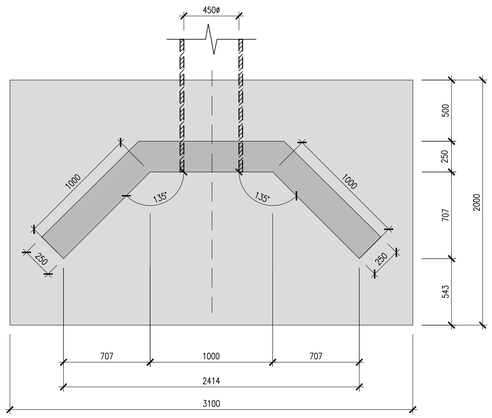


A.J. DETAIL



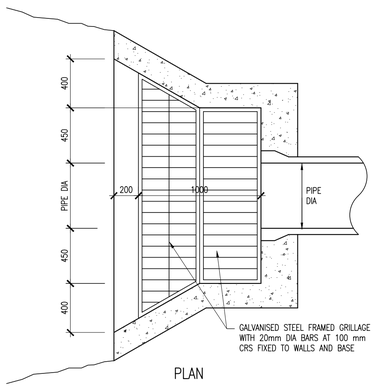
BACK INLET GULLY TRAP

A

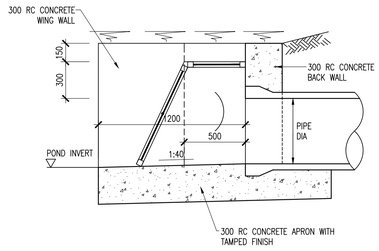


A

PLAN

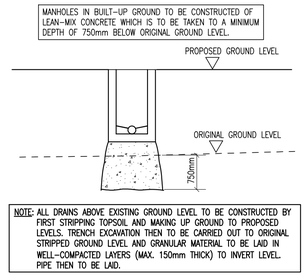


PLAN

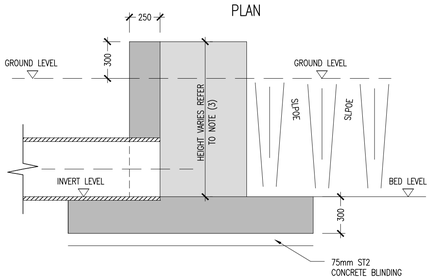


SECTION

LARGE HEADWALL DETAIL



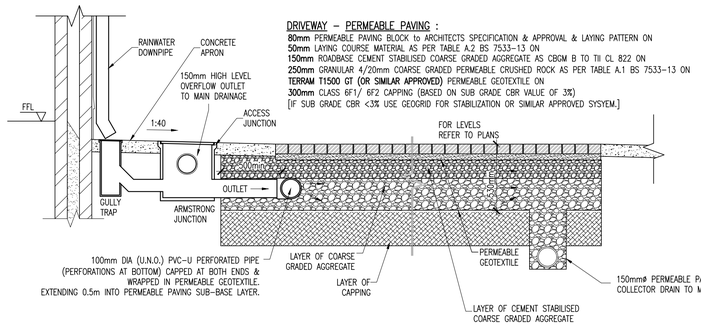
DRAINS IN BUILT-UP GROUND



SMALL HEADWALL - SECTION A-A

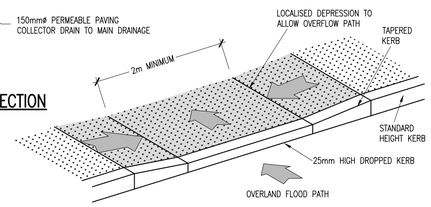
NOTES:

1. THIS RCD IS ONLY TO BE USED IN ASSOCIATION WITH A UNIQUE STRUCTURAL DESIGN CARRIED OUT FOR THE HEADWALLS ON A PROJECT IN ACCORDANCE WITH THE RELEVANT DESIGN CODES AND SITE GROUND CONDITIONS.
2. ALL EXPOSED CONCRETE SURFACES FROM 100mm BELOW GROUND LEVEL TO BE CLASS F3 FINISH. ALL OTHER CONCRETE SURFACES TO BE CLASS F1 FINISH UNLESS OTHERWISE SPECIFIED.
3. REFER TO DRAINAGE LONGITUDINAL SECTIONS AND/OR DRAINAGE SCHEDULES FOR PIPE DIAMETER SIZES, INVERT LEVELS AND HEADWALL HEIGHTS. MAXIMUM PIPE DIAMETER 450mm AND MAXIMUM HEADWALL HEIGHT 2.3m.
4. HEADWALL WINGWALLS TO BE SLOPED WHERE APPROPRIATE.



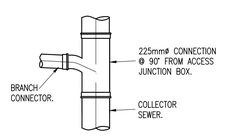
TYPICAL HOUSE DRAINAGE & PARTIAL INFILTRATION PERMEABLE PAVING SECTION

SCALE: NTS

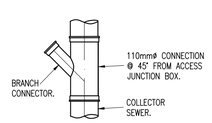


DROPPED KERB

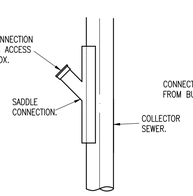
(FOR OVERLAND FLOWPATH)



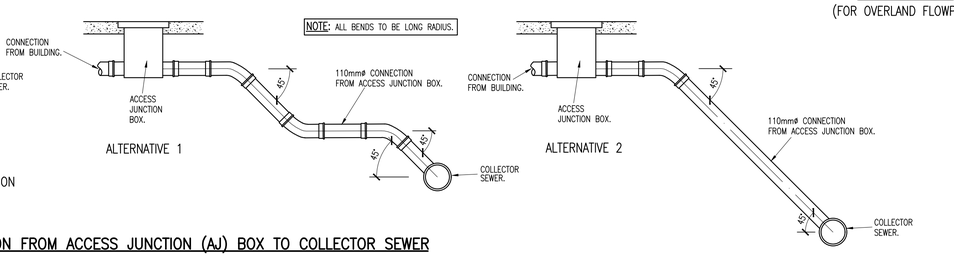
PLAN OF 90° BRANCH CONNECTION



PLAN OF 45° BRANCH CONNECTION



PLAN OF SADDLE CONNECTION



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

ON ORIGINAL

0 5 10 15 20 25 30 40 50mm

NOTES:

1. C20/25 CONCRETE TO HAVE A MINIMUM CEMENT CONTENT OF 260Kg/m^3, MAXIMUM WATER/CEMENT RATIO OF 0.65 AND SLUMP CLASS S2.
2. C25/30 CONCRETE TO HAVE A MINIMUM CEMENT CONTENT OF 280Kg/m^3, MAXIMUM WATER/CEMENT RATIO OF 0.65 AND SLUMP CLASS S2.
3. C40/50 CONCRETE TO HAVE A MINIMUM CEMENT CONTENT OF 400Kg/m^3, MAXIMUM WATER/CEMENT RATIO OF 0.45 AND SLUMP CLASS S3.
4. WHERE CLASS 6F1/6F2 CAPPING MATERIAL IS PROPOSED WITHIN 500mm OF CONCRETE OR STEEL, CLASS 6N TO BE USED INSTEAD.

NOTE:
ALL WORKS & SPECIFICATIONS TO BE UNDERTAKEN IN ACCORDANCE WITH

- TII SPECIFICATION FOR ROADWORKS
- GREATER DUBLIN CODE OF PRACTICE FOR DRAINAGE WORKS
- RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS

rev	date	description	by	chkd.
P02	21/03/22	ISSUED FOR PLANNING	RSP	LMcL
P01	29/09/20	ISSUED FOR PRE-PLANNING	APW	BJM

client approval: A - Approved; B - Approved with comments; C - Do not use

suitability: S2 - FOR INFORMATION

issue purpose: PLANNING

DBFL Consulting Engineers
Civil, Structural & Transportation Engineering
www.dbfl.ie

DUBLIN OFFICE: Ormond House, Upper Ormond Quay, Dublin 7. D07 W704
PHONE +353 1 400 4000

CORK OFFICE: 14 South Mall, Cork, T12 CT91
PHONE +353 21 2024538

WATERFORD OFFICE: Suite 8b The Atrium, Maritana Gate, Canada Street, Waterford, X91 W928
PHONE +353 51 309 500

project ref.
RESIDENTIAL DEVELOPMENT AT HACKETTSTOWN, SKERRIES, CO. DUBLIN

drawing title
SURFACE WATER STANDARD DETAILS - SHEET 3

client
LAND DEVELOPMENT AGENCY

designed by	author	scale	sheet size
BJM	APW	AS SHOWN	A1

drawing no.: 190170-DBFL-SW-SP-DR-C-5014

revision: P02