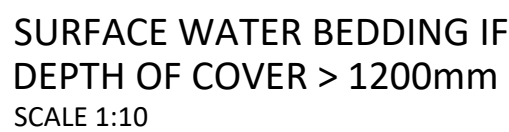


MAXIMUM PIPE DIAMETER 'A' (mm)	CHAMBER INTERNAL DIAMETER 'B' (mm)
225	1200
300	1200
375	1200
450	1200
525	1200
600	1200
675	1350
750	1350
900	1500
1050	2100
1200	2100

TABLE 1



TYPE B - WITH HYDROBRAKE FLOW CONTROL - SURFACE WATER
MANHOLE TO GREATER DUBLIN REGIONAL CODE OF PRACTICE
(PRECAST)



PIPE BEDDING DETAILS TO GREATER DUBLIN REGIONAL CODE OF PRACTICE SECTION 11.8



SURFACE WATER PIPE BEDDING DETAILS

1. ALL MAIN PIPELINES SHALL BE BEDDED, HAUNCHED AND SURROUNDED TO THE REQUIREMENTS OF THE LOCAL SANITARY AUTHORITY.
2. THE RECOMMENDED MINIMUM DEPTH OF COVER OVER A MAIN PIPELINE IS 1200mm, IF THAT CANNOT BE ACHIEVED, THE PIPES SHALL BE FULLY SURROUNDED IN 150mm THICK CONCRETE WITH AN ABSOLUTE MINIMUM DEPTH OF COVER OF 750mm, THIS APPLIES TO BOTH ROADWAYS AND FOOTPATHS.
3. WHERE CONCRETE BEDDING IS USED IT MUST BE A MINIMUM 150mm THICK IN-SITU CONCRETE, CLASS 20N/ 20mm, AND HAUNCHED HALF WAY UP THE BARREL OF THE PIPE.
4. NO PIPE SHALL BE LAID UNTIL THE BED IS INSPECTED BY THE RELEVANT LOCAL SANITARY AUTHORITY.



GULLY GRATING TO BE HINGED
ON SIDE OF APPROACHING
VEHICULAR FLOW —————

GRATING AND FRAME TO IS
EN 124:1994 - CLASS D400 —

PLAN ON GRATING

General Notes	A1
1. Do not scale from this drawing. Refer to Architect's drawings for all works levels and setting out.	
2. This drawing is to be read in conjunction with all other Engineer's and Architect's drawings and specifications. Where discrepancies are observed please notify CHC for clarification.	
3. Contractor to check all levels (existing and proposed), setting out and dimensions on site prior to commencement of the works and advise the consultants of any discrepancies.	
4. All works to be constructed in accordance with current building control legislation, local authority requirements and good building practice.	
5. Insulation, weathering materials (dpc, dpm, flashings etc), radon barriers and sumps and all sub-floor ducting all to Architect's details.	
6. Location of all service pop-ups to be confirmed and set out by the Architect.	
7. Refer to Architect's drawings and specifications for fire strategy and all fire protection requirements	
8. All materials and products specified must carry CE marking and Declarations of Performance as appropriate.	
9. Contractor shall note the recommendations of the site investigation report in respect of all excavation depths, ground water levels and identification of required adequate bearing strata. All foundation formation soft spots or disturbed ground not covered in SI report to be recorded and notified to the Engineer.	

FOR PLANNING

ALL UNBOUND MIXTURES DEPOSITED WITHIN 500MM OF CEMENT BOUND MATERIALS, CONCRETE PAVEMENTS, CONCRETE STRUCTURES OR CONCRETE PRODUCTS FORMING PART OF THE WORKS SHALL BE TO CLAUSE 808 OF THE NRA SPECIFICATION FOR ROADWORKS.

UNBOUND GRANULAR BACKFILL MATERIAL DEPOSITED WITHIN 500MM OF CONCRETE PIPES, CONCRETE BED, HAUNCH OR SURROUND TO BE TO CLAUSE 808 OF THE NRA SPECIFICATION FOR ROADWORKS.

UNBOUND GRANULAR BACKFILL MATERIAL WITHIN 500MM OF CONCRETE OR BLOCKWORK MANHOLES, CONCRETE OR BLOCKWORK CHAMBERS, CONCRETE BASES AND COVER SLABS OR CONCRETE SURROUNDS TO BE TO CLAUSE 808 OF THE NRA SPECIFICATION FOR ROADWORKS.

P04	S4	15.07.2026	Issued for Planning.	P.C.	N.N.	P.C.
P03	S4	07.07.2026	Issued for Planning.	P.C.	N.N.	P.C.
P02	S4	10.11.2025	Issued for Pre-Planning.	P.C.	N.N.	P.C.
P01	S4	01.10.2025	Issued for Planning.	P.C.	N.N.	P.C.

Issue	Suitability	Date	Description	Designed	Drawn	Approved
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Project Confey Lands LRD, Leixlip	Drawing Title Surface Water Drainage Details.	 CHC Corligan Hodnett Consulting
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Client Leixlip and Newbridge SPV Limited	Originator. CHC	Area. - 00	Level. - GR	Type. - DR	Role. - C	Number. - C - 00240
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