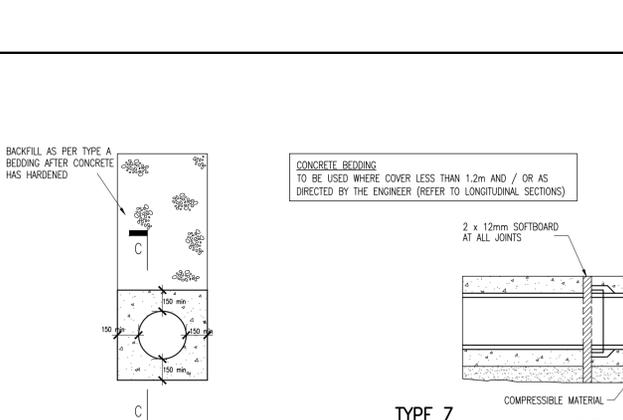
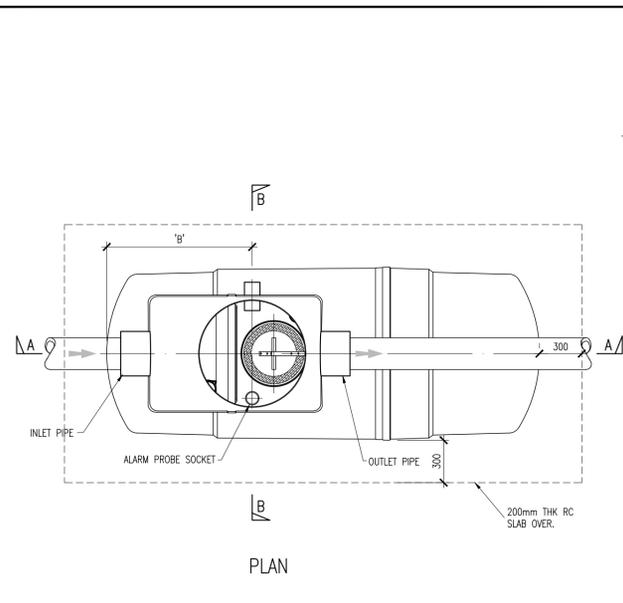
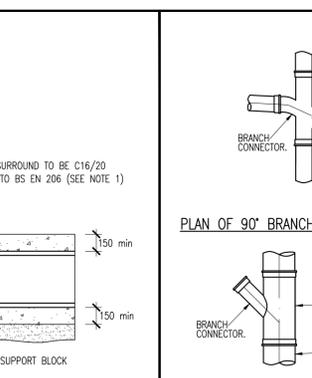


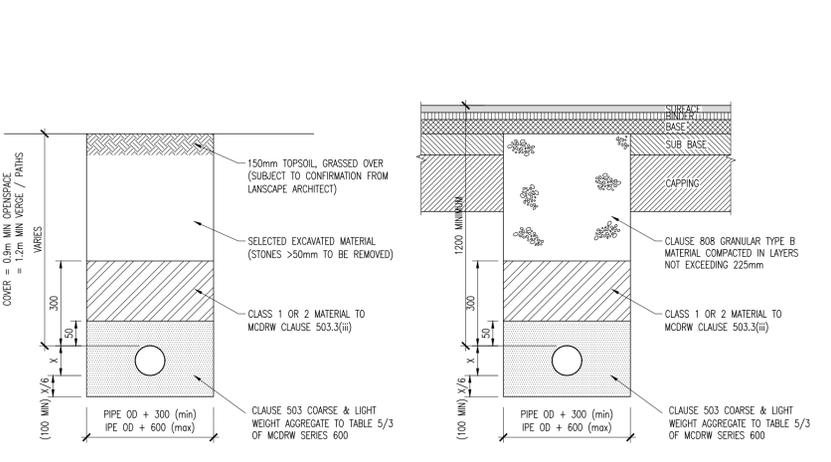
FLOW CONTROL MANHOLE DETAIL  
SCALE 1:25



TYPICAL BYPASS INTERCEPTOR DETAIL  
SCALE 1:25

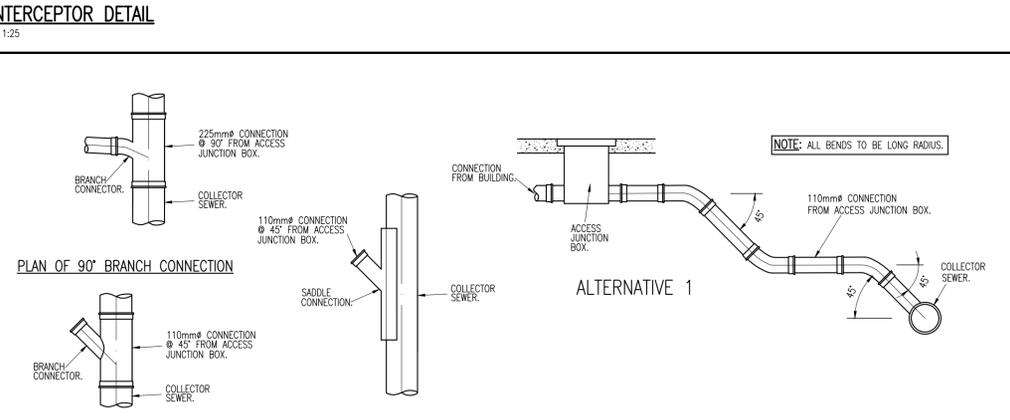
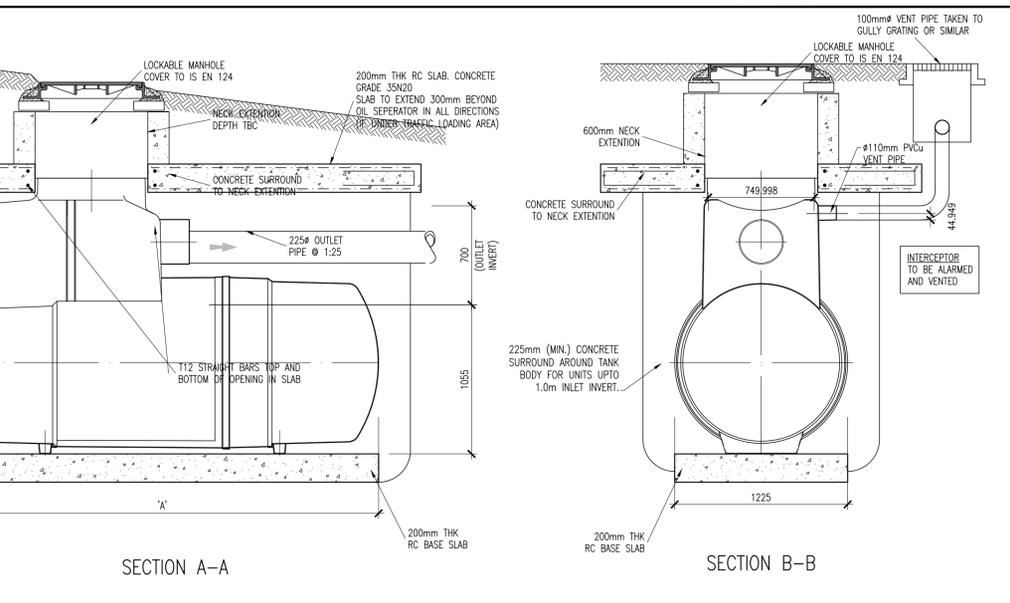


TYPE Z CONCRETE BEDDING/SURROUND (COVER 750mm - 1200mm)

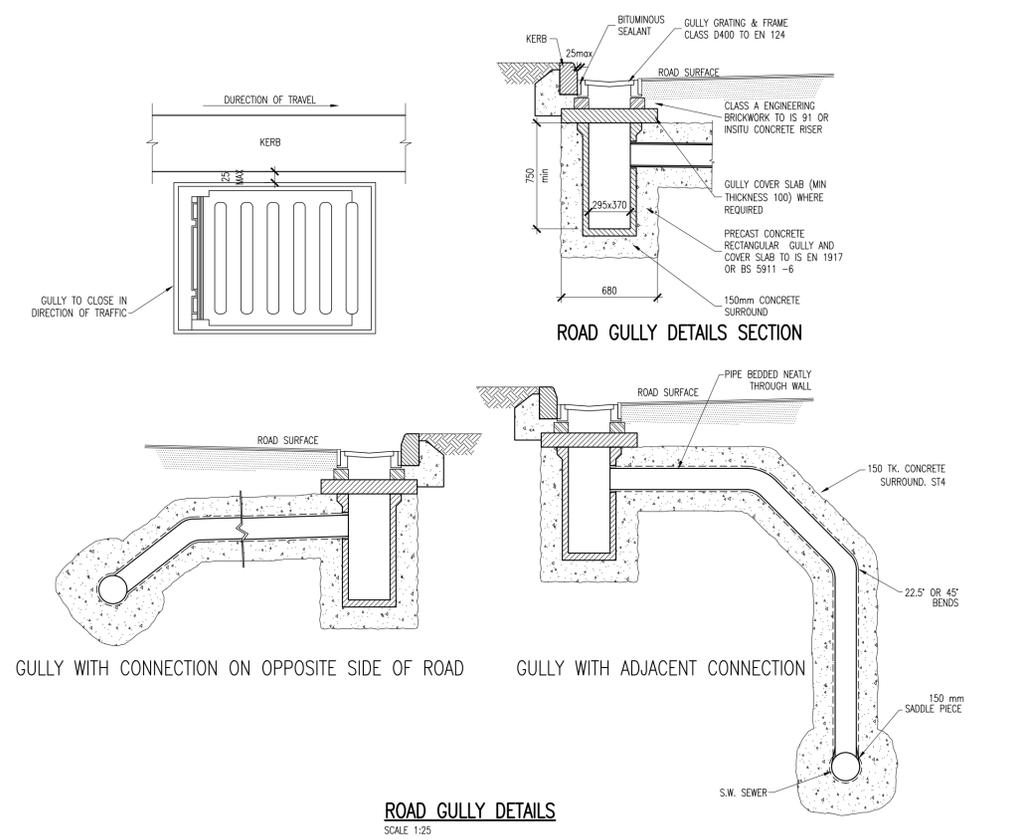


TYPE S (COVER > 1.2 METRES TO CROWN)

PIPE BEDDING DETAILS  
SCALE 1:25

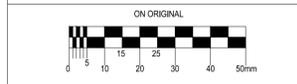


PIPE CONNECTION DETAILS  
NTS



ROAD GULLY DETAILS  
SCALE 1:25

© COPYRIGHT OF THIS DRAWING IS RESERVED BY DBFL CONSULTING ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.



NOTES:

- GENERAL NOTES:
- ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE T1 SPECIFICATION FOR ROADWORKS AND SOUTH DUBLIN COUNTY COUNCIL STANDARDS.
- ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED OTHERWISE.
- ALL COORDINATES ARE TO THE ITM (IRISH TRANSVERSE MERCATOR) GEOGRAPHIC COORDINATE SYSTEM.
- ALL LEVELS ARE TO ORDNANCE DATUM IRELAND (MALIN HEAD).
- ALL TEMPORARY TRAFFIC MANAGEMENT SHALL COMPLY WITH CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL.
- ALL MATERIAL DISPOSED OFF SITE SHALL BE TAKEN TO A LICENSED FACILITY APPROVED BY SOUTH DUBLIN COUNTY COUNCIL.
- ALL AGGREGATES PROPOSED FOR USE ON THIS SCHEME SHALL MEET FULLY THE REQUIREMENTS OF THE CONTRACT SPECIFICATION AND, IN ADDITION, THE REQUIREMENTS STATED IN STANDARD RECOMMENDATION OR 21/2014 - GUIDANCE ON THE USE OF IS EN 13242 + A1:2007 - AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS FOR USE IN CIVIL ENGINEERING WORK AND ROAD CONSTRUCTION. FURTHER DETAIL IS PROVIDED IN ADDITIONAL CLAUSE 144AR OF THE CONTRACT SPECIFICATION.

DRAWING SPECIFIC NOTES:

- WHERE ROCKS OR OTHER HARD TRENCH BOTTOM IS ENCOUNTERED, THE FIGURE DENOTED BY \* IS TO BE DOUBLED.
- TYPE 1 GRANULAR MATERIAL: BROKEN STONE OR GRAVEL TO PASS 10mm SIEVE AND BE RETAINED ON 5mm SIEVE.
- TYPE 2 GRANULAR MATERIAL: BROKEN STONE OR GRAVEL TO PASS 10mm - 25mm SIEVE, ACCORDING TO PIPE SIZE, (SEE TABLE) AND BE RETAINED ON 5mm SIEVE.
- CLAUSE 601 S.R.W. BACKFILL: UNIFORM READILY COMPACTED MATERIAL FREE FROM TREE ROOTS, VEGETABLE MATTER, BUILDING DEBRIS, AND FROZEN SOIL AND EXCLUDING CLAY LUMPS RETAINED ON A 75mm SIEVE AND STONES RETAINED ON A 37.5mm SIEVE.
- RIGID PIPES SHALL MEAN CAST OR SPUN IRON, CONCRETE OR CLAY.
- GULLY GRATINGS AND FRAMES SHALL COMPLY WITH THE REQUIREMENTS OF I.S.I.E.N/124 1994. GULLIES SHALL BE CLASS D400.
- GULLY WALLS SHALL BE CONSTRUCTED IN CLASS 30mm<sup>2</sup> PRECAST OR INSITU CONCRETE OR ALTERNATIVELY IN SOLID CONCRETE BLOCKS DESIGNATED S10 STRENGTH 10N/mm<sup>2</sup>.
- ALL PIPES TO BE BEDDED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO IS EN1916 AND IS 6:2004.

P01	17-11-21	ISSUED FOR PLANNING	DKE	JPC
rev	date	description	by	chkd.
		A - Approved		
		B - Approved with comments		
		C - Do not use		
client approval				
suitability		issue purpose		
S2 - INFORMATION		PLANNING		

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

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

WATERFORD OFFICE: Unit 2, The Chandlery, 1-2 O'Connell Street, Waterford, Ireland.  
PHONE: +353 51 309 500

project ref.  
CLONBURRIS PHASE 1A

drawing title  
TYPICAL DRAINAGE DETAILS  
SHEET 2

client  
CAIRN HOMES LTD

designed by	author	scale	sheet size
TCA	DKE	AS SHOWN	A1
drawing no.		revision	
162119-DBFL-CS-SP-DR-C-5202		P01	