

ON ORIGINAL
0 5 10 15 20 25 30 40 50m

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

NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE IN WRITING FROM DBFL.

NOTES:
GENERAL NOTES:

1. ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES.
2. ALL DIMENSIONS AND LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ALL LEVELS ARE IN METERS AND ARE RELATED TO ORDINANCE DATUM. CO-ORDINATES RELATE TO NATIONAL GRID.
4. CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF PAYMENT LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE.
5. ALL WASTEWATER INFRASTRUCTURE INCLUDING FOULED SEWERS, CONNECTIONS AND MANHOLES TO SAME SHALL COMPLY WITH AND BE CONSTRUCTED IN ACCORDANCE WITH THE IRISH WATER CONNECTION AND DEVELOPER SERVICES WASTEWATER INFRASTRUCTURE STANDARD DETAILS DOCUMENT IW-CDS-5230-01.
6. FOUL SEWERS PIPE MATERIAL TO BE IN ACCORDANCE WITH SECTION 3.13 OF THE IRISH WATER CODE OF PRACTICE WHICH IS REPRODUCED IN SPECIFICATION APPENDIX G/1.
7. SURFACE WATER SEWER PIPE MATERIAL TO BE CLASS H CONCRETE TO EN1916 & IS 6204 IN ACCORDANCE WITH THE GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS.
8. LOCATION AND INVERT LEVELS OF EXISTING MANHOLES AND OUTFALL POINTS, TO BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF DRAINAGE WORKS.
9. ALL COVER LEVELS TO MATCH FINISHED ROAD/VERGE/FOOTPATH/ CYCLETRACK LEVELS UNLESS OTHERWISE STATED.
10. ALL SURFACE WATER DRAINAGE WORKS/CONNECTIONS TO COMPLY WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
11. CONTRACTOR TO INCLUDE FOR CCTV SURVEY OF ALL FOUL & SURFACE WATER SEWERS / DRAINAGE UPON COMPLETION OF SAME.

SERVICES LEGEND

- PROPOSED SITE BOUNDARY
- EXISTING SURFACE WATER SEWER
- PROPOSED SURFACE WATER SEWER AND MANHOLE
- PROPOSED SURFACE WATER INSPECTION CHAMBER AND 150mm UPVC HOUSE DRAIN
- ROAD GULLY
- PROPOSED SLUDS CONNECTION TO TREE PIT
- PERMEABLE PAVING (PRIVATE)
- PERMEABLE PAVING (MANAGEMENT COMPANY)
- PROPOSED FILTER DRAIN WITH SURFACE WATER SWALE
- EXISTING DITCH/STREAM
- EXISTING FOUL SEWER
- SERVICES SEPARATION DISTANCE/WAYLEAVE
- PROPOSED LEVELS
- EXISTING LEVELS
- FINISHED FLOOR LEVEL
- ROAD GRADIENT



IMAGE 001 - OVERGROUND DETENTION BASIN EXAMPLE - PHASE 1 GRAYDON DEVELOPMENT

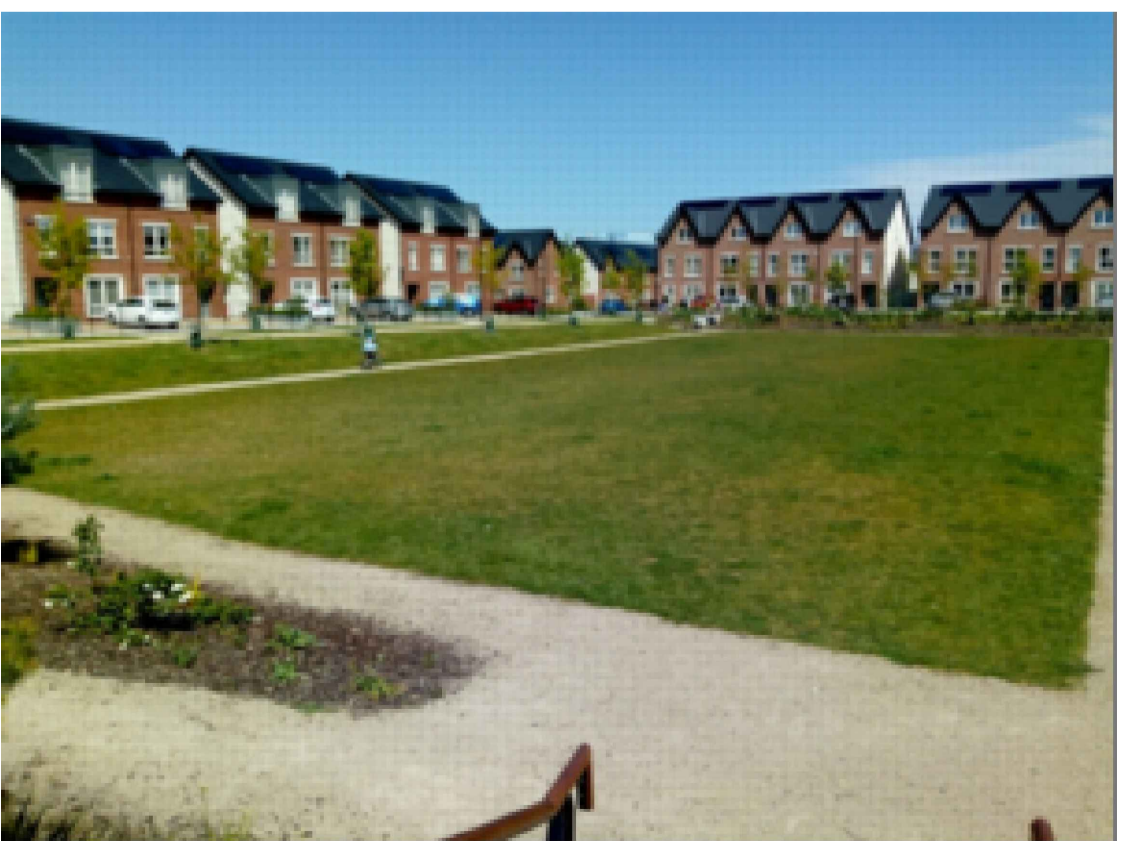
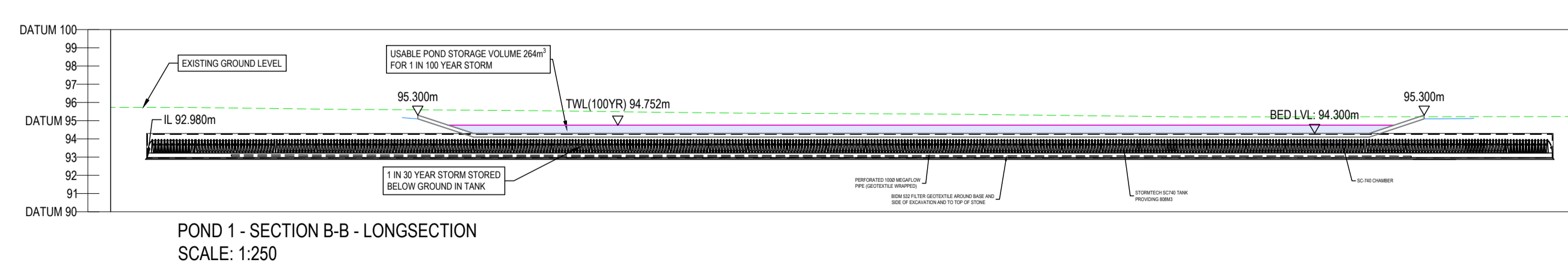
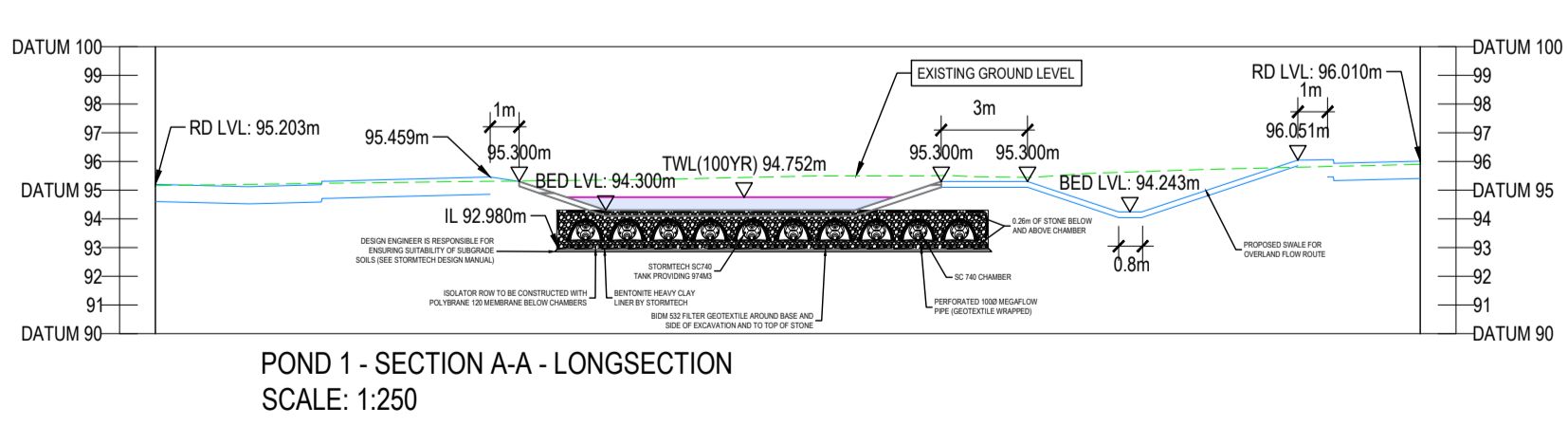


IMAGE 002 - OVERGROUND DETENTION BASIN EXAMPLE - PHASE 1 CAIRN DEVELOPMENT



P02	13/06/22	STAGE 3 SHD	PJC	NGG
P01	02/11/21	STAGE 2 SHD	GJS	NGG
rev	date	description	by	chkd.
client approval		A - Approved		
		B - Approved with comments		
		C - Do not use		
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, D07 W074 PHONE: +353 1 405 4000 CORK OFFICE: 14 South Mall, Cork, T12 CT91 PHONE: +353 21 2242538 WATERFORD OFFICE: Suite 10 The Atrium, Maritime Gate, Canada Street, Waterford, X91 W028 PHONE: +353 51 501 900				
project ref:				
NEWCASTLE SOUTH				
drawing title				
ATTENUATION FACILITY 1				
client				
CAIRN HOMES PROPERTIES LTD				
designed by	author	scale	sheet size	
NGG	IC	AS SHOWN	A1	
drawing no.	revision			
210026-DBFL-CS-SP-DR-C-1203	P02			