



LEGEND:

- SITE BOUNDARY
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED SW ATTENUATION TANK
- PROPOSED FW PUMP STATION ⊕
- EXISTING FOUL SEWER
- PROPOSED FOUL SEWER
- PROPOSED GULLY ⊕
- PROPOSED FOUL RISING MAIN

NOTE:
SURFACE WATER COLLECTED IN PIPES SLUNG TO UNDERSIDE OF GROUND FLOOR SLAB AND ROUTED TO ATTENUATION TANKS. UNDERSLUNG DRAINAGE DESIGN BY OTHERS (TO M&E DESIGN).

PROPOSED ATTENUATION FACILITY #1 WITHIN BASEMENT DESIGNED FOR THE 100 YEAR EVENT +2020C.
ATTENUATION VOLUME: 400m³
WATER LEVEL: 95.397m
IL: 92.855m
REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS FOR FURTHER DETAILS

PROPOSED ATTENUATION FACILITY #2 WITHIN BASEMENT DESIGNED FOR THE 100 YEAR EVENT +2020C.
ATTENUATION VOLUME: 300m³
WATER LEVEL: 95.419m
IL: 91.958m
REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS FOR FURTHER DETAILS

FOR CONTINUATION REFER TO CS DRAWING: '0003-CSC-ZZ-XX-DR-C-0002 Proposed Ground Floor Drainage Layout'

PUMP STATION KIOSK. M&E ENGINEER TO CONFIRM POWER AND TELEMETRY REQUIREMENTS

PACKAGE PUMP STATION BY SPECIALIST. PUMP STATION TO INCLUDE STANDBY AND DUTY PUMPS

RISING MAIN SIZED TO MANUFACTURER'S REQUIREMENTS. EXACT ROUTE TO BE ON SITE TO AVOID PROPOSED INTERNAL SERVICES

FOR CONTINUATION REFER TO CS DRAWING: '0003-CSC-ZZ-XX-DR-C-0002 Proposed Ground Floor Drainage Layout'

PLANNING DRAWING.
NOT FOR CONSTRUCTION.
ALL LEVELS GIVEN ARE RELATIVE TO ORDNANCE DATUM.
THIS DRAWING HAS BEEN ISSUED FOR INFORMATION PURPOSES ONLY AND MUST NOT BE USED FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES

PROPOSED BASEMENT DRAINAGE LAYOUT.
SCALE 1:250

- NOTES**
- For setting out refer to Architect's drawings.
 - This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
 - DO NOT SCALE THIS DRAWINGS. Use figured dimensions only.
 - No part of this document may be reproduced or transmitted in any form or stored in any retrieval system of any nature without the written permission as copyright holder except as agreed for use on the project for which the document was originally issued.
 - Ordnance Survey Ireland Licence Number EN 0074022

Rev. No.	Date	REVISION NOTE	Drn. By	Chkd. By
P1	05.10.2021	EXISTING STORM MANHOLE LOCATION CONFIRMED	IK	FDB
P2	10.03.2022	DRAINAGE LAYOUT REVISED	MM	FDB
P3	24.05.2022	UPDATED FOLLOWING IRISH WATER REQUIREMENTS	IK	MM
P4	30.05.2022	UPDATED FOLLOWING IRISH WATER REQUIREMENTS	IK	MM
P5	03.06.2022	ISSUED FOR PLANNING	IK	FDB

Architect	Henry J. Lyons			
Project	Proposed Development On The Belgard Square East			
Title	Proposed Basement Drainage Layout			
Dwg. No.	Q003-CSC-ZZ-XX-DR-C-0003			
Date	Drn. by	Chkd. by	Apprd. by	Scale
Sept 2021	IK	FDB	NB	1:250 @ A1
Revision	P5			

CS Consulting Group
DUBLIN | LONDON | LIMERICK

Head Office
19-22 Dame Street, Dublin 2.
T: +353 (0)1 5490863
e: info@csconsulting.ie
w: www.csconsulting.ie

Quality Environment I.S. EN ISO 9001:2008
Energy I.S. EN ISO 14001:2004
Health & Safety OHSAS 18001:2007