



LEGEND:

- PROPOSED SITE BOUNDARY LINE
- RIVER CAMAC
- EXISTING FOUL - SURVEYED
- EXISTING SURFACE WATER - SURVEYED
- EXISTING WATERMAIN - SURVEYED
- PROPOSED FOUL
- PROPOSED SURFACE WATER
- PROPOSED WATERMAIN 150mm
- PROPOSED WATERMAIN 200mm
- EXISTING IRISH WATER SERVICE IN WAYLEAVE
- 125mm HIGH COMBINED KERB AND DRAINAGE (BEANY KERB OR EQUIVALENT) REFER TO DRAWING 212126-PUNCH-XX-XX-DR-C-0503 & 504
- BARRIER FOUNDATION

NOTE:
PLEASE REFER TO IRISH WATER STANDARD DETAILS:
- WATERMAIN BACKFILL: STD-W-13
- WATERMAIN VALVES AND CONNECTIONS: STD-W-04, STD-W-05, STD-W-06, STD-W-07, STD-W-08, STD-W-09, STD-W-10, STD-W-14, STD-W-15
- ON LINE AIR VALVES: STD-W-20, STD-W-22
- MARKER POSTS: STD-W-27
- THRUST BLOCKS: STD-W-28

PROPOSED STORM MANHOLES

Name	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
SJ1	99.100		703576.908	728091.754	1.800
S1-0	99.000	1800	703576.992	728097.354	1.728
S2-0	98.660	1800	703599.554	728132.552	1.560
S1-1	98.700	1800	703591.077	728119.651	1.677
HEADWALL	98.000	1200	703581.508	728127.397	1.039

PROPOSED STORM PIPES

Name	US Node	DS Node	Length (m)	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	US Depth (m)	DS Depth (m)
1.002	S1-1	HEADWALL	12.311	97.023	96.961	0.062	200.0	300	1.377	0.739
1.001	S1-0	S1-1	26.373	97.272	97.140	0.132	200.0	900	0.828	0.660
2.000	S2-0	S1-1	15.437	97.100	97.023	0.077	200.0	900	0.660	0.777
1.000	SJ1	S1-0	5.601	97.300	97.272	0.028	200.0	900	0.900	0.828

PROPOSED FOUL MANHOLE

Name	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
FJ2	99.100		703584.250	728083.943	1.580
F1-1	98.600	1200	703609.200	728122.919	1.851
FJ1	98.320		703619.826	728138.899	1.763

PROPOSED FOUL PIPES

Name	US Node	DS Node	Length (m)	US IL (m)	DS IL (m)	Fall (m)	Slope (1:X)	Dia (mm)	US Depth (m)	DS Depth (m)
FJ2	FJ2	F1-1	46.278	97.520	96.749	0.771	60.0	150	1.430	1.701
F1-1	F1-1	FJ1	19.190	96.749	96.557	0.192	100.0	150	1.701	1.613

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COLOUR DRAWING

Rev	Amendment	By	Date	Rev	Amendment	By	Date	Client:
C01	PLANNING ISSUE	RD	2022/05/31					MLEU DUBLIN 3 LTD AND CHARLES GREENE
P01	IRISH WATER - ISSUE FOR INFORMATION	DAP	2022/12/13					

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Project: LINK ROAD TO CLONLARA ROAD, BALDONNELL BUSINESS PARK, DUBLIN 22
Title: PROPOSED DRAINAGE AND WATERMAIN LAYOUT

Drawn	Date drawn	Technician Check	Engineer Check	Approved
RD	MAY 2022	RD	MS	

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