LEGEND:

- PROPOSED FOUL WATER NETWORK
- PROPOSED FOUL WATER MANHOLE / ACCESS CHAMBER
- PROPOSED 80mm Ø PUMPED SEWER
- EXISTING 600mm Ø IW FOUL SEWER
- EXISTING 300mm Ø IW COMBINED SEWER (DIVERSION TO BE CONFIRMED)
- EXISTING 225mm Ø IW COMBINED SEWER (DIVERSION TO BE CONFIRMED)

NOTES

1. ALL NOTED LEVELS ARE TO ORDNANCE DATUM, MALIN HEAD.
2. REFER TO ARCHITECT'S LAYOUT FOR ALL SET-OUT INFORMATION.
3. REFER TO ARCHITECT / LANDSCAPE ARCHITECT'S DESIGN DRAWINGS FOR DETAILS OF PROPOSED SURFACE FINISHES AND LANDSCAPING.
4. ALL SURFACE WATER DRAINAGE IS TO BE INSTALLED IN ACCORDANCE WITH THE GREATER DUBLIN REGION CODE OF PRACTICE FOR DRAINAGE WORKS, THE BUILDING REGULATIONS PART H AND THE SITE DEVELOPMENT SPECIFICATION.
5. ALL WASTEWATER DRAINAGE IS TO BE INSTALLED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE, THE BUILDING REGULATIONS PART H AND THE SITE DEVELOPMENT SPECIFICATION.
6. ALL DRAINAGE COVER LEVELS ARE TO BE COORDINATED WITH THE PROPOSED ROAD DESIGN LEVELS AND ARCHITECT DESIGN FINISH DETAILS.
7. ALL CONNECTIONS TO NEW DRAINAGE NETWORKS ARE TO BE MADE AT AT AN ANGLE OF 90° OR IN THE DIRECTION OF FLOW.
8. THE CONTRACTOR IS TO VERIFY INVERT LEVEL AT PROPOSED CONNECTION TO EXISTING SEWERS, PRIOR TO ANY OTHER WORKS BEING CARRIED OUT, AND MAKE ANY DISCREPANCIES KNOWN TO THE ENGINEER.
9. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMATION OF PRESENCE ALL EXISTING UTILITIES, IF ANY, ALONG ROUTE OF PROPOSED DRAINAGE NETWORKS - BY INTRUSIVE INVESTIGATION OR EQUAL.
10. EXISTING PUBLIC SEWER TO BE JET CLEANED AND CCTV SURVEYED PRIOR TO, AND AFTER PROPOSED CONNECTIONS FROM NEW NETWORK.
11. ALL NEW DRAINAGE INFRASTRUCTURE TO BE JET CLEANED AND CCTV SURVEYED, WITH ANY NOTED DEFECTS REMEDIATED, ON COMPLETION OF WORKS, TO THE SATISFACTION OF THE LOCAL AUTHORITY.
12. REFER TO ARCHITECTS DRAWINGS FOR DETAILS OF PRIVATE DRAINAGE
13. ALL COVER LEVELS ARE TO BE COORDINATED WITH ROAD DESIGN LEVELS AND LANDSCAPE ARCHITECT'S PROPOSED FINISH LEVELS.
14. THE INTERNAL BUILDING DRAINAGE TO BE COORDINATED WITH ARCHITECT'S LAYOUT.

FOUL WATER NETWORK 'A' – PIPELINE DETAILS (WEST OF SITE)

USMH	USCL (m)	USIL (m)	USMH Dia (mm)	PN	Dia (mm)	Length (m)	Slope (1:X)	DSMH	DSIL (m)
F1	4.762	3.712	1200	F1.000	225	54.448	100.1	F2	3.168
F2	4.885	3.168	1200	F1.001	225	8.063	149.3	F3	3.114
F3	4.828	3.114	1200	F1.002	225	63.118	170.0	F4	2.743
F4	4.672	2.743	1200	F1.003	225	35.710	170.0	F6	2.533
F5	4.812	3.462	1200	F2.000	225	21.415	100.1	F6	3.248
F6	4.713	2.533	1200	F1.004	225	11.186	170.0	F9	2.467
F7	4.850	3.800	1200	F3.000	225	21.846	100.2	F8	3.582
F8	4.889	3.582	1200	F3.001	225	13.614	170.0	F9	3.502
F9	4.967	2.467	1200	F1.005	225	5.341	160.0	IW Tank 1	2.433

FOUL WATER NETWORK 'B' – PIPELINE DETAILS (EAST OF SITE)

USMH	USCL (m)	USIL (m)	USMH Dia (mm)	PN	Dia (mm)	Length (m)	Slope (1:X)	DSMH	DSIL (m)
F11	4.623	3.573	1200	F4.000	150	25.254	60.0	F12	3.152
F12	4.731	3.152	1200	F4.001	150	19.603	30.1	F18	2.500
F13	4.561	3.500	1200	F5.000	150	28.715	59.9	F14	3.021
F14	4.686	3.021	1200	F5.001	150	9.931	59.8	F15	2.855
F15	4.658	2.855	1200	F5.002	150	31.369	88.4	F18	2.500
F16	4.849	3.499	1200	F6.000	150	55.933	60.0	F17	2.567
F17	4.726	2.567	1200	F6.001	150	6.564	98.0	F18	2.500
F18	4.767	2.425	1200	F4.002	225	30.339	170.4	F21	2.247
F19	5.009	3.500	1200	F7.000	150	38.976	60.0	F20	3.250
F20	4.943	3.250	1200	F7.001	150	14.416	100.1	F21	3.106
F21	5.066	2.247	1200	F4.003	225	21.925	170.0	F25	2.118
F22	4.689	3.639	1200	F8.000	150	34.422	100.1	F23	3.295
F23	4.476	3.295	1200	F8.001	150	11.380	99.8	F24	3.181
F24	4.591	3.181	1200	F8.002	150	45.188	100.0	F25	2.729
F25	5.172	2.118	1200	F4.004	225	54.191	169.9	F26	1.799
F26	5.279	1.799	1200	F4.005	225	29.755	170.0	F27	1.624
F27	4.718	1.624	1200	F4.006	225	4.585	169.8	F30	1.597
F28	4.746	3.396	1200	F9.000	225	26.212	100.0	F29	3.134
F29	4.718	3.134	1200	F9.001	225	8.146	100.6	F30	3.053
F30	4.574	1.597	1200	F4.007	225	13.202	169.3	IW Tank 2	1.519

FOR DETAILS OF FOUL WATER LONGITUDINAL ELEVATIONS REFER TO DRAWING NO's W369-OCSC-XX-XX-DR-C-0550 (WESTERN) W369-OCSC-XX-XX-DR-C-0551 (EASTERN)

FOR DETAILS OF FOUL WATER PUMPING CHAMBERS REFER TO DRAWING NO's W369-OCSC-XX-XX-DR-C-0520 (WESTERN) W369-OCSC-XX-XX-DR-C-0511 (EASTERN)

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Rev No.	Date	Revision Note	Drn by	Chkd by
P01	July'23	ISSUED FOR DISCUSSION	PMcm	AS
P02	OCT'23	ISSUED FOR DISCUSSION	PMCM	AS
P03	20.06.24	ISSUED FOR INFORMATION	TD	AS
P04	11.07.24	ISSUED FOR LRD STAGE 2 SUBMISSION	AD	TD
P05	16.12.24	LANDSCAPE AND SITE LAYOUT MAP UPDATED	TD	AS
P06	10.01.25	ISSUED FOR PLANNING	AD	TD

Rev No.	Date	Revision Note	Drn by	Chkd by

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Client: CABRIZ GROUP
Project: PROPOSED RESIDENTIAL & CRECHE DEVELOPMENT AT HILL STREET,DUNDALK
Title: PROPOSED FOUL WATER LAYOUT

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
W369	OCSC	XX	XX	DR	C	0505	S4	P06

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