

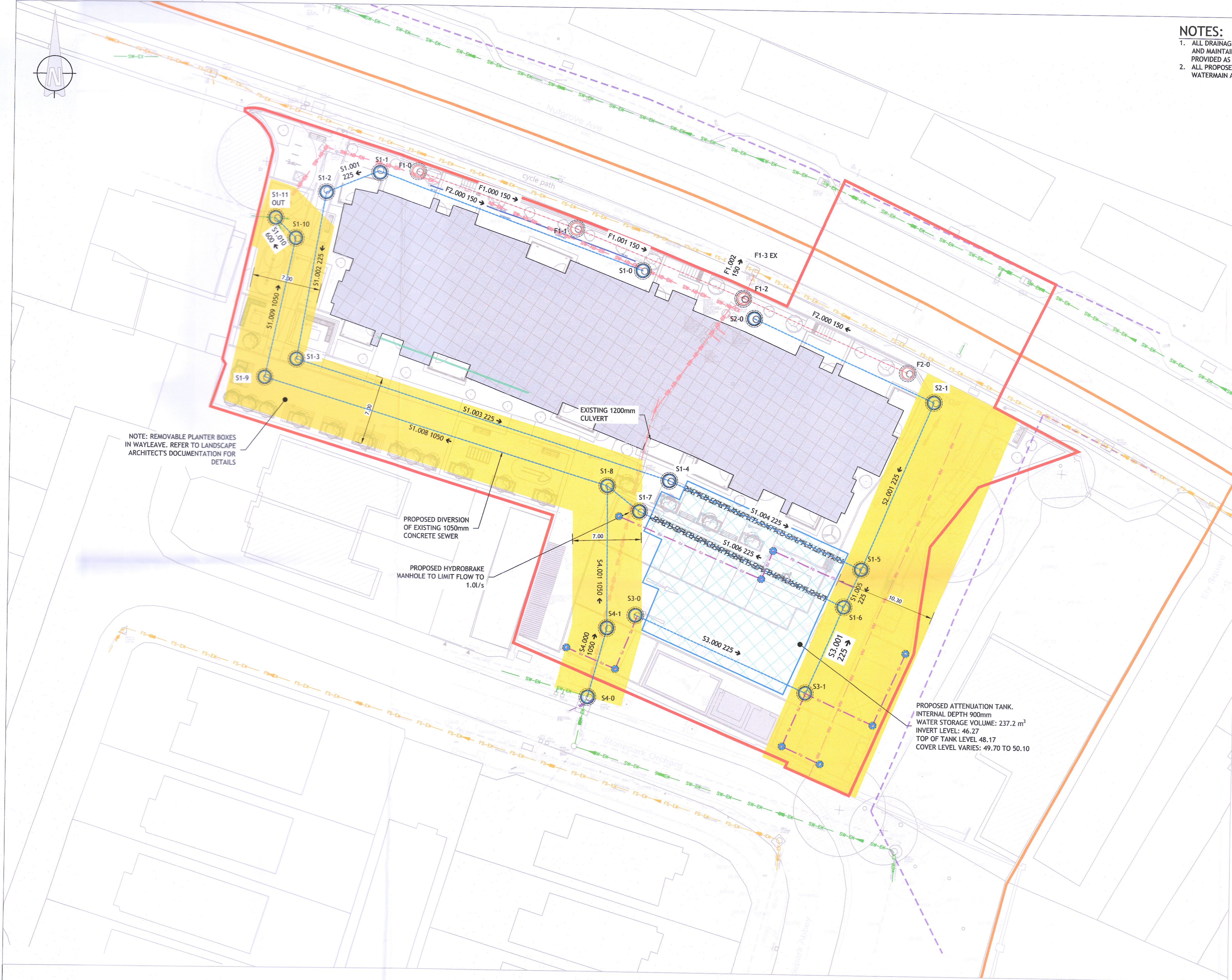
- NOTES:**
- ALL DRAINAGE SERVICING BUILDING TO BE PRIVATELY OWNED AND MAINTAINED. DIVERTED SURFACE WATER SEWER TO BE PROVIDED AS PUBLIC.
 - ALL PROPOSED SERVICES TO BE 2.0M MIN CLEAR OF EXISTING WATERMAIN AS REQUIRED BY IRISH WATER.

LEGEND:

- EXISTING FOUL WATER SEWER
- EXISTING SURFACE WATER SEWER
- EXISTING SURFACE WATER SEWER TO BE DEMOLISHED & REMOVED
- EXISTING WATERMAIN
- PROPOSED FILTER DRAIN
- PROPOSED SURFACE WATER SEWER
- PROPOSED FOUL WATER SEWER
- PROPOSED ATTENUATION TANK
- PROPOSED FOUL WATER MANHOLE
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED SURFACE WATER INSPECTION CHAMBER
- EXTENT OF SURFACE WATER SEWER & WATERMAIN WAYLEAVE
- PROPOSED BUILDINGS
- EXTENT OF DEVELOPMENT
- INDICATING BOUNDARY BETWEEN DUN LAOGHAIRE RATHDOWN AND SOUTH DUBLIN COUNTY COUNCILS

EXISTING SERVICES FROM RECORDS:

- EXISTING SURFACE WATER
- EXISTING FOUL SEWER
- EXISTING WATERMAIN



NOTE: REMOVABLE PLANTER BOXES IN WAYLEAVE. REFER TO LANDSCAPE ARCHITECT'S DOCUMENTATION FOR DETAILS

PROPOSED DIVERSION OF EXISTING 1050mm CONCRETE SEWER

PROPOSED HYDROBRAKE MANHOLE TO LIMIT FLOW TO 1.0U/S

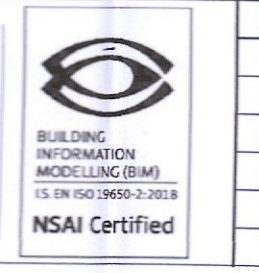
PROPOSED ATTENUATION TANK.
INTERNAL DEPTH 900mm
WATER STORAGE VOLUME: 237.2 m³
INVERT LEVEL: 46.27
TOP OF TANK LEVEL 48.17
COVER LEVEL VARIES: 49.70 TO 50.10

STORM MANHOLES					
Name	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
S1-0	48.6	1200	714926.313	728434.642	0.5
S1-1	48.54	1200	714899.366	728444.204	0.608
S1-2	48.6	1200	714893.948	728442.144	0.702
S1-3	49.3	1200	714891.176	728425.211	1.503
S1-4	49.8	1200	714929.332	728413.455	2.238
S2-0	48.8	1200	714937.706	728429.972	1.1
S2-1	49	1200	714956.119	728421.75	1.423
S1-5	49.7	1200	714948.981	728404.752	2.265
S3-0	50	1200	714926.067	728399.685	1.8
S3-1	49.7	1200	714943.482	728392.114	1.82
S1-6	49.7	1200	714947.277	728400.843	2.29
S1-7	49.8	1200	714926.316	728410.306	2.525
S4-0	50.09	1950	714921.343	728391.384	2.25
S4-1	50	1950	714923.176	728396.373	2.52
S1-8	49.8	1950	714923.031	728412.849	2.608
S1-9	49.3	1950	714887.965	728423.335	2.13
S1-10	48.9	1950	714890.918	728437.47	1.74
S1-11_OUT	48.75	1500	714888.838	728439.494	1.6

FOUL MANHOLES					
Name	Cover Level (m)	Diameter (mm)	Easting (m)	Northing (m)	Depth (m)
F1-0	48.63	1200	714903.335	728444.352	1.35
F1-1	48.55	1200	714919.497	728438.8	1.555
F2-0	48.5	1200	714953.405	728424.706	1.35
F1-2	48.63	1200	714936.55	728431.979	1.941
F1-3_EX	48.8	1200	714937.568	728435.036	2.165

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)
F1.000	F1-0	F1-1	17.099	47.280	46.995	0.285	60.0	150	1.200	1.405
F1.001	F1-1	F1-2	18.367	46.995	46.689	0.306	60.0	150	1.405	1.791
F2.000	F2-0	F1-2	16.357	47.150	46.844	0.306	60.0	150	1.200	1.638
F1.002	F1-2	F1-3_EX	3.230	46.689	46.635	0.054	60.0	150	1.791	2.015

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Rev	Amendment	By	Date	Rev	Amendment	By	Date
C01	PLANNING ISSUE	IBS	2021/04/19				
C02	PLANNING FI RESPONSE	DAP	2021/09/16				
C03	PLANNING CLARIFICATION RESPONSE	DAP	2021/11/18				
C04	PLANNING COMPLIANCE	DAP	2022/09/14				

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Title: PROPOSED DRAINAGE LAYOUT
Drawn: IBS Date drawn: JANUARY 2021 Technician Check: IBS Engineer Check: MR Approved: PC
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