



LOCATIONS, COVER AND INVERT LEVELS OF EXISTING MANHOLES TO BE VERIFIED ON SITE PRIOR COMMENCEMENT OF CONSTRUCTION

ALL COVER LEVELS TO BE CONFIRMED BY ARCHITECT OR LANDSCAPE ARCHITECT

STORM DRAINAGE TO BE INSTALLED IN ACCORDANCE WITH GREATER DUBLIN REGIONAL CODE OF PRACTICE FOR DRAINAGE WORKS AND THE BUILDING REGULATIONS - TECHNICAL GUIDANCE DOCUMENT PART H

WASTEWATER DRAINAGE TO BE INSTALLED IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE AND THE BUILDING REGULATIONS - TECHNICAL GUIDANCE DOCUMENT PART H

PROPOSED CONNECTION TO EXISTING WASTEWATER SEWER

PROPOSED CONNECTION TO EXISTING STORM SEWER  
CL: 103.413 (FROM TOPO SURVEY)  
DEPTH TO INVERT 1.18m (FROM RECORDS)

PROPOSED BYPASS PETROL INTERCEPTOR CLASS 1 NSBP03 (KLARGESTER OR SIMILAR APPROVED)

FLOW CONTROL MANHOLE TO LIMIT FLOW TO 1l/s

PROPOSED INFILTRATION DRAIN IN GRANULAR FILL WITH MINIMUM 40% VOID RATIO

**LEGEND:**

SITE BOUNDARY	---
uPVC TWINWALL SURFACE WATER DRAINAGE OR SIMILAR APPROVED	SW-2.777 Ømm
1200mmØ SURFACE WATER DRAINAGE PRECAST CONCRETE MANHOLE	SW-??
FILTER DRAIN	---
uPVC TWINWALL PERFORATED SURFACE WATER DRAINAGE OR SIMILAR APPROVED	SW-2.777 Ømm
SURFACE WATER ACID CHANNEL (TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES & RECOMMENDATIONS)	---
SURFACE WATER ATTENUATION	---
PERVIOUS PAVING	---
KLARGESTER CLASS 1 "BYPASS NSBP" FUEL SEPARATOR	NSBP015
BASEMENT EXTENT	---
BASEMENT DRAINAGE RISING MAIN	---
uPVC SIB WASTEWATER DRAINAGE OR SIMILAR APPROVED	WW-2.777 Ømm
1200mmØ WASTEWATER DRAINAGE PRECAST CONCRETE MANHOLE	WW-??
1200x1200mm WASTEWATER DRAINAGE CAST IN SITU CONCRETE MANHOLE	WW-??
EXISTING SURFACE WATER DRAINAGE	Ømm MATERIAL
EXISTING SURFACE WATER DRAINAGE MANHOLE	MH??
EXISTING WASTEWATER DRAINAGE	Ømm MATERIAL
EXISTING WASTEWATER DRAINAGE MANHOLE	MH??

**Surface Water Network Design Table**

USMH	USCL (m)	PN	USIL (m)	Slope (1:X)	DSIL (m)	Dia (mm)
S-1	110.223	S-1.000	109.248	51.90	108.021	225
S-2	108.996	S-1.001	108.021	33.80	107.863	225
S-3	108.838	S-1.002	107.863	20.50	106.643	225
S-4	107.618	S-1.003	106.643	14.40	105.776	225
S-5	107.900	S-2.000	106.925	19.90	105.965	225
S-6	106.940	S-2.001	105.965	170.00	105.837	225
S-7	106.824	S-2.002	105.837	170.00	105.683	225
S-8	106.721	S-2.003	105.683	170.00	105.672	225
S-9	106.751	S-1.004	105.672	59.50	105.548	225
S-10	106.531	S-1.005	105.548	19.20	104.525	225
S-11	106.208	S-3.000	105.083	31.00	104.375	225
S-12	105.500	S-3.001	104.375	100.00	104.344	225
S-13	105.500	S-3.002	104.344	100.20	104.140	225
S-14	105.500	S-1.006	104.140	26.00	103.475	225
S-15	104.450	S-1.007	103.475	35.30	102.300	225
S-16	103.275	S-1.008	102.300	113.50	102.233	225

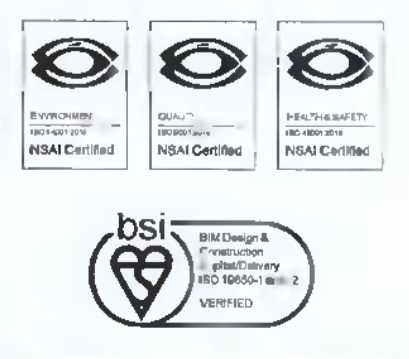
**Wastewater Network Design Table**

USMH	USCL (m)	PN	USIL (m)	Slope (1:X)	DSIL (m)	Dia (mm)
F-1	107.338	F-1.000	106.613	150.00	106.396	225
F-2	107.996	F-1.001	106.396	120.00	106.351	225
F-3	107.550	F-1.002	106.351	30.40	105.399	225
F-4	107.200	F-2.000	105.619	22.00	105.399	225
F-5	107.280	F-1.003	105.399	22.00	104.770	225
F-6	106.531	F-1.004	104.770	22.00	104.557	225
F-7	105.500	F-1.005	104.557	28.50	103.987	225
F-8	106.900	F-3.000	105.475	91.40	105.028	225
F-9	107.200	F-3.001	105.028	22.00	103.988	225
F-10	105.500	F-1.006	103.987	22.00	103.266	225
F-11	104.550	F-1.007	103.266	45.70	102.324	225
F-12	103.300	F-1.008	102.324	52.70	101.990	225

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PD1	29.02.22	SUITABLE FOR INFORMATION	EH	MK					
PD2	06.05.22	SUITABLE FOR PLANNING	EH	MK					
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Client: MSJA LTD  
Project: PROSPECT HOUSE, STOCKING LANE RATHFARNHAM  
Title: PROPOSED DRAINAGE LAYOUT

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
S627	OCSC	XX	XX	DR	C	0500	S4	P03

Date: APR '22 Scale: 1:250 @ A1 Drn by:EH Chkd by:MK Aprvd by:MOR