

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 NSBP003 (KLARGESTER OR SIMILAR APPROVED)

FLOW CONTROL MANHOLE TO LIMIT FLOW TO 1/5

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

EXISTING SURFACE WATER DRAINAGE FOR EXISTING HOUSE TO BE RETAINED

PROPOSED FILTER DRAIN

**LEGEND:**

SITE BOUNDARY

UPVC TWINWALL SURFACE WATER DRAINAGE OR SIMILAR APPROVED

1200mmØ SURFACE WATER DRAINAGE PRECAST CONCRETE MANHOLE

FILTER DRAIN

UPVC TWINWALL PERFORATED SURFACE WATER DRAINAGE OR SIMILAR APPROVED

SURFACE WATER ACO CHANNEL (TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES & RECOMMENDATIONS)

SURFACE WATER ATTENUATION

PERVIOUS PAVING

KLARGESTER CLASS 1 "BYPASS NSBP" FUEL SEPARATOR

BASEMENT EXTENT

BASEMENT DRAINAGE RISING MAIN

UPVC SWS WASTEWATER DRAINAGE OR SIMILAR APPROVED

1200mmØ WASTEWATER DRAINAGE PRECAST CONCRETE MANHOLE

1200x1200mm WASTEWATER DRAINAGE CAST IN SITU CONCRETE MANHOLE

EXISTING SURFACE WATER DRAINAGE

EXISTING SURFACE WATER DRAINAGE MANHOLE

EXISTING WASTEWATER DRAINAGE

EXISTING WASTEWATER DRAINAGE MANHOLE

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

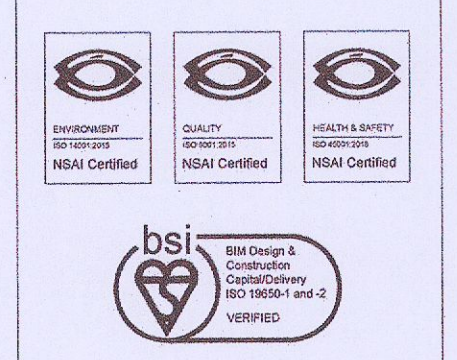
  

Wastewater Network Design Table						
USMH	USCL (m)	PN	USIL (m)	Slope (1:X)	DSIL (m)	Dia (mm)
F-1	107.338	F-1.000	106.613	150.00	106.396	225
F-2	107.996	F-1.001	106.396	120.00	106.351	225
F-3	107.550	F-1.002	106.351	30.40	105.399	225
F-4	107.200	F-2.000	105.619	22.00	105.399	225
F-5	107.280	F-1.003	105.399	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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P01	29.02.22	SUITABLE FOR INFORMATION	EH	MK					
P02	06.05.22	SUITABLE FOR PLANNING	EH	MK					
P03	20.05.22	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