

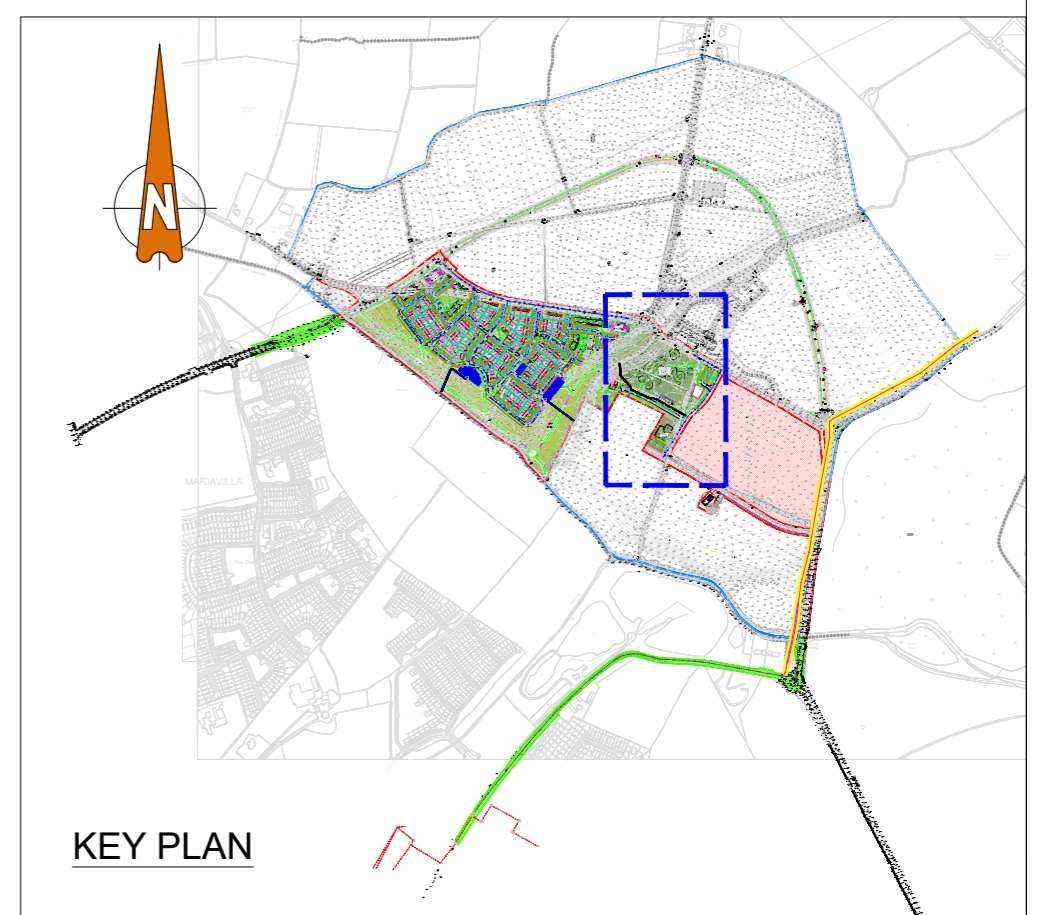


PROPOSED 600mm WIDE, 1m DEEP FILTER DRAIN WITH 225mm PERFORATED PIPE IN ACCORDANCE WITH TII STANDARD DETAILS
 PROPOSED FLOW CONTROL TO BE PROVIDED TO LIMIT DISCHARGE TO 3.7 l/s (5.5l/s/ha)

600mm DEEP SILT TRAP TO BE PROVIDED UP STREAM OF ATTENUATION

PROPOSED STORMTECH SC-740 OR SIMILAR APPROVED. ATTENUATION STORAGE TO BE PROVIDED. STORAGE TO BE PROVIDED FOR RAINFALL EVENTS UP TO AND INCLUDING 1 IN 100-YEAR RAINFALL EVENT INCLUDING 20% ALLOWANCE FOR CLIMATE CHANGE. 400m³ TEMPORARY STORAGE TO BE PROVIDED.

PROPOSED 600mm WIDE, 1m DEEP FILTER DRAIN WITH 225mm PERFORATED PIPE IN ACCORDANCE WITH TII STANDARD DETAILS



KEY PLAN

LEGEND:

SITE BOUNDARY	
UPVC TWINWALL SURFACE WATER DRAINAGE OR SIMILAR APPROVED	SW-7.???
1200mm Ø SURFACE WATER DRAINAGE PRECAST CONCRETE MANHOLE	SW-7.??
UPVC TWINWALL PERFORATED SURFACE WATER DRAINAGE OR SIMILAR APPROVED	SW-7.???
FILTER DRAIN	
SURFACE WATER ATTENUATION	
PERVIOUS PAVING	
POROUS ASPHALT	
KLARGESTER CLASS I "BYPASS NSBP NSBE / FULL RETENTION NSFP NSFA" FUEL SEPARATOR	

GENERAL NOTES:

- ALL NOTED LEVELS ARE TO ORDNANCE DATUM, MALIN HEAD.
- REFER TO ARCHITECT'S LAYOUT FOR ALL SET-OUT INFORMATION.
- REFER TO ARCHITECT / LANDSCAPE ARCHITECT'S DESIGN DRAWINGS FOR DETAILS OF PROPOSED SURFACE FINISHES AND LANDSCAPING.
- REFER TO ARCHITECT DRAWINGS FOR DETAILS OF PRIVATE DRAINAGE.
- 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.
- ALL WASTEWATER DRAINAGE IS TO BE INSTALLED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE (REVISION 2 - JULY 2020), THE BUILDING REGULATIONS PART H AND THE SITE DEVELOPMENT SPECIFICATION.
- ALL DRAINAGE COVER LEVELS ARE TO BE COORDINATED WITH PROPOSED ROAD DESIGN LEVELS AND ARCHITECT/LANDSCAPE ARCHITECT'S PROPOSED FINISH LEVELS.
- ALL BASEMENT CHAMBER COVERS TO BE DOUBLE SEALED, AND CLASSIFICATION D400 LOADING WHERE LOCATED IN VEHICULAR AREAS.
- ALL CONNECTIONS TO NEW DRAINAGE NETWORKS ARE TO BE MADE AT AN ANGLE OF 90° OR IN THE DIRECTION OF FLOW.
- REFER TO ARCHITECT AND M&E ENGINEERING DESIGN DRAWINGS FOR CONFIRMATION OF LOCATION AND SPECIFICATION OF FLOOR GULLIES.
- REFER TO M&E ENGINEERING DESIGN FOR CONFIRMATION OF WASTE AND SANITARY POP-UP/OUTLET LOCATIONS.
- 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.
- THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMATION OF PRESENCE ALL EXISTING UTILITIES, IF ANY, ALONG ROUTE OF PROPOSED DRAINAGE NETWORKS - BY INTRUSIVE INVESTIGATION OR EQUAL.
- EXISTING PUBLIC SEWER TO BE JET CLEANED AND CCTV SURVEYED PRIOR TO, AND AFTER PROPOSED CONNECTIONS FROM NEW NETWORK.
- 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.

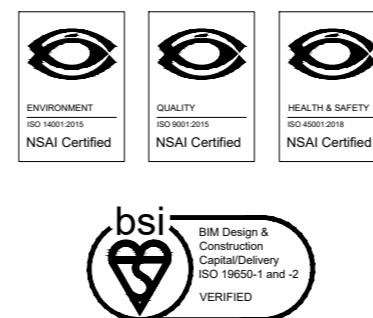
PLANNING DRAWING.

NOT FOR CONSTRUCTION.
 ALL LEVELS GIVEN ARE
 RELATIVE TO ORDNANCE DATUM.
 THIS DRAWING HAS BEEN ISSUED FOR INFORMATION
 PURPOSES ONLY AND MUST NOT BE USED
 FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES

PN	Length (m)	Slope (1:X)	USMH	USCL (m)	USIL (m)	DSMH	DSCL (m)	DSIL (m)	Dia (mm)
SC-1.000	70.155	24.10	SC-MH-1	56.961	55.461	SC-MH-2	57.542	55.175	300
SC-19.000	10.392	24.10	SC-MH-106	57.011	53.886	SC-MH-115	56.579	53.454	225
SC-20.000	68.361	170.00	SC-MH-107	56.768	55.343	SC-MH-108	57.936	54.941	225
SC-20.001	43.222	170.00	SC-MH-108	57.936	54.941	SC-MH-109	57.574	54.687	225
SC-20.002	32.004	245.00	SC-MH-109	57.574	54.612	SC-MH-110	57.271	54.481	300
SC-20.003	48.350	245.00	SC-MH-110	57.271	54.481	SC-MH-114	56.779	54.284	300
SC-21.000	26.231	170.00	SC-MH-111	55.670	54.245	SC-MH-112	55.743	54.091	225
SC-21.001	26.231	170.00	SC-MH-112	55.743	54.091	SC-MH-113	56.115	53.936	225
SC-21.002	47.755	170.00	SC-MH-113	56.115	53.936	SC-MH-114	56.779	53.655	225
SC-20.004	72.578	325.00	SC-MH-114	56.779	53.505	SC-MH-115	56.579	53.282	375
SC-19.001	21.802	170.30	SC-MH-115	56.579	53.282	SC-MH-116	56.688	53.154	375
SC-19.002	43.313	170.00	SC-MH-116	56.688	53.154	SC-MH-117	56.070	52.899	375
SC-19.003	33.434	169.70	SC-MH-117	56.070	52.899	SC-MH-118	55.905	52.702	225
SC-19.004	18.452	170.00	SC-MH-118	55.905	52.702	SC-MH-119	56.054	52.594	225
SC-19.005	6.891	170.00	SC-MH-119	56.054	52.594	SC	53.000	52.553	225

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE DRAWING. USE FIGURED DIMENSIONS ONLY.
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Rev No.	Date	Revision Note	Drn by	Chkd by
P01	15/10/21	SUITABLE FOR INFORMATION	RM	MK
P02	01/12/21	SUITABLE FOR INFORMATION	EH	MK
P03	07/12/22	SUITABLE FOR STAGE APPROVAL	RM	SMG
P04	10.08.22	SUITABLE FOR INFORMATION	EH	MK
P05	19.08.22	SUITABLE FOR PLANNING	EH	MK



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Client: SKY CASTLE LTD.
 Project: MOYGADDY CASTLE SHD

Title: PROPOSED DRAINAGE LAYOUT
 SURFACE WATER NETWORK
 SHEET 3 OF 3

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
S665-OCSC	1C	XX	DR	C	0503	S4	P05	

Date: OCT'21 Scale: 1:500 @ A1 Drn by: RM Chkd by: MK Aprvd by: MK