



PN	Length (m)	Slope (1:X)	USMH (m)	USCL (m)	USIL (m)	DSMH (m)	DSCL (m)	DSIL (m)	Dia (mm)	PN	Length (m)	Slope (1:X)	USMH (m)	USCL (m)	USIL (m)	DSMH (m)	DSCL (m)	DSIL (m)	Dia (mm)
SC-16.000	66.822	72.30	SC-MH-79	56.999	55.574	SC-MH-80	56.075	54.650	300	SC-MH-79	56.999	55.574	SC-MH-80	56.075	54.650	SC-MH-81	55.952	54.527	225
SC-16.001	12.301	100.00	SC-MH-80	56.075	54.650	SC-MH-81	55.952	54.452	300	SC-MH-80	56.075	54.650	SC-MH-81	55.952	54.452	SC-MH-82	55.893	54.393	300
SC-16.002	8.470	143.60	SC-MH-81	55.952	54.452	SC-MH-82	55.893	54.393	300	SC-16.002	8.470	143.60	SC-MH-82	55.893	54.393	SC-MH-83	55.821	54.300	300
SC-16.003	22.822	245.00	SC-MH-82	55.893	54.393	SC-MH-83	55.821	54.225	300	SC-16.003	22.822	245.00	SC-MH-83	55.821	54.225	SC-MH-84	55.789	54.203	375
SC-15.003	53.294	245.00	SC-MH-4	57.156	54.623	SC-MH-10	57.611	54.406	300	SC-15.003	53.294	245.00	SC-MH-10	57.611	54.406	SC-MH-11	57.642	54.295	375
SC-2.004	48.265	89.20	SC-MH-9	57.516	55.022	SC-MH-10	57.611	54.481	225	SC-2.004	48.265	89.20	SC-MH-9	57.516	55.022	SC-MH-10	57.611	54.481	225
SC-1.004	11.618	325.00	SC-MH-10	57.611	54.331	SC-MH-11	57.642	54.295	375	SC-1.004	11.618	325.00	SC-MH-10	57.611	54.331	SC-MH-11	57.642	54.295	375
SC-1.005	20.192	325.00	SC-MH-11	57.642	54.295	SC-MH-12	57.417	54.233	375	SC-1.005	20.192	325.00	SC-MH-11	57.642	54.295	SC-MH-12	57.417	54.233	375
SC-1.006	48.741	410.00	SC-MH-12	57.417	54.158	SC-MH-15	56.871	54.039	450	SC-1.006	48.741	410.00	SC-MH-12	57.417	54.158	SC-MH-15	56.871	54.039	450
SC-10.000	23.507	170.00	SC-MH-61	56.287	54.862	SC-MH-62	56.286	54.724	225	SC-10.000	23.507	170.00	SC-MH-61	56.287	54.862	SC-MH-62	56.286	54.724	225
SC-10.001	30.266	72.80	SC-MH-62	56.286	54.724	SC-MH-70	55.733	54.308	225	SC-10.001	30.266	72.80	SC-MH-62	56.286	54.724	SC-MH-70	55.733	54.308	225
SC-12.000	27.005	67.70	SC-MH-63	56.773	55.348	SC-MH-68	56.374	54.949	225	SC-12.000	27.005	67.70	SC-MH-63	56.773	55.348	SC-MH-68	56.374	54.949	225
SC-11.002	33.621	170.00	SC-MH-64	56.479	55.054	SC-MH-66	56.727	54.856	225	SC-11.002	33.621	170.00	SC-MH-64	56.479	55.054	SC-MH-66	56.727	54.856	225
SC-13.000	24.266	104.10	SC-MH-65	56.514	55.089	SC-MH-66	56.727	54.856	225	SC-13.000	24.266	104.10	SC-MH-65	56.514	55.089	SC-MH-66	56.727	54.856	225
SC-12.001	8.025	170.00	SC-MH-66	56.727	54.781	SC-MH-67	56.704	54.734	300	SC-12.001	8.025	170.00	SC-MH-66	56.727	54.781	SC-MH-67	56.704	54.734	300
SC-12.002	61.170	245.00	SC-MH-67	56.704	54.734	SC-MH-68	56.374	54.484	300	SC-12.002	61.170	245.00	SC-MH-67	56.704	54.734	SC-MH-68	56.374	54.484	300
SC-11.001	20.547	325.00	SC-MH-68	56.374	54.409	SC-MH-69	55.952	54.346	375	SC-11.001	20.547	325.00	SC-MH-68	56.374	54.409	SC-MH-69	55.952	54.346	375
SC-11.002	22.078	117.20	SC-MH-69	55.952	54.346	SC-MH-70	55.733	54.157	375	SC-11.002	22.078	117.20	SC-MH-69	55.952	54.346	SC-MH-70	55.733	54.157	375
SC-10.002	28.229	57.10	SC-MH-70	55.733	54.157	SC-MH-71	55.238	53.663	375	SC-10.002	28.229	57.10	SC-MH-70	55.733	54.157	SC-MH-71	55.238	53.663	375
SC-10.003	11.091	66.40	SC-MH-71	55.238	53.588	SC-MH-74	55.072	53.421	450	SC-10.003	11.091	66.40	SC-MH-71	55.238	53.588	SC-MH-74	55.072	53.421	450
SC-14.000	15.831	170.00	SC-MH-72	52.797	51.372	SC-MH-73	54.024	51.279	225	SC-14.000	15.831	170.00	SC-MH-72	52.797	51.372	SC-MH-73	54.024	51.279	225
SC-14.001	9.322	170.00	SC-MH-73	54.024	51.279	SC-MH-74	55.072	54.124	225	SC-14.001	9.322	170.00	SC-MH-73	54.024	51.279	SC-MH-74	55.072	54.124	225
SC-10.004	22.717	300.00	SC-MH-74	55.072	50.999	SC-MH-75	54.715	50.923	450	SC-10.004	22.717	300.00	SC-MH-74	55.072	50.999	SC-MH-75	54.715	50.923	450
SC-10.005	12.876	300.00	SC-MH-75	54.715	50.848	SC-MH-100	54.518	50.805	525	SC-10.005	12.876	300.00	SC-MH-75	54.715	50.848	SC-MH-100	54.518	50.805	525
SC-15.000	25.645	79.60	SC-MH-76	56.732	55.307	SC-MH-77	56.410	54.985	225	SC-15.000	25.645	79.60	SC-MH-76	56.732	55.307	SC-MH-77	56.410	54.985	225
SC-15.001	34.082	78.50	SC-MH-77	56.410	54.985	SC-MH-78	55.976	54.551	225	SC-15.001	34.082	78.50	SC-MH-77	56.410	54.985	SC-MH-78	55.976	54.551	225
SC-15.002	23.116	131.20	SC-MH-78	55.976	54.551	SC-MH-83	55.821	54.375	225	SC-15.002	23.116	131.20	SC-MH-78	55.976	54.551	SC-MH-83	55.821	54.375	225

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

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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LEGEND:

- SITE BOUNDARY
- UPVC TWINWALL SURFACE WATER DRAINAGE OR SIMILAR APPROVED
- 1200mm Ø SURFACE WATER DRAINAGE PRECAST CONCRETE MANHOLE
- UPVC TWINWALL PERFORATED SURFACE WATER DRAINAGE OR SIMILAR APPROVED
- FILTER DRAIN
- SURFACE WATER ATTENUATION
- PERVIOUS PAVING
- POROUS ASPHALT
- KLARGESTER CLASS 1 "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 CAR PARK 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.
 - REFER TO ARCHITECT AND M&E ENGINEERING DESIGN DRAWINGS FOR CONFIRMATION OF LOCATION AND SPECIFICATION OF DRAINAGE GULLIES.
 - REFER TO M&E ENGINEERING DESIGN FOR CONFIRMATION OF WASTE AND SANITARY POP-UP/OUTLET LOCATIONS.
 - REFER TO ARCHITECT AND M&E ENGINEERING DESIGN DRAWINGS FOR CONFIRMATION OF LOCATION AND SPECIFICATION OF DRAINAGE 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.

Client: SKY CASTLE LTD.
Project: MOYGADDY CASTLE SHD

Title: PROPOSED DRAINAGE LAYOUT
SURFACE WATER NETWORK
SHEET 2 OF 3

Code | Originator | Zone | Level | Type | Role | Number | Status | Revision
S665-OCSC-1C-XX-DR-C-0502 | S4 | P05

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