

LEGEND:

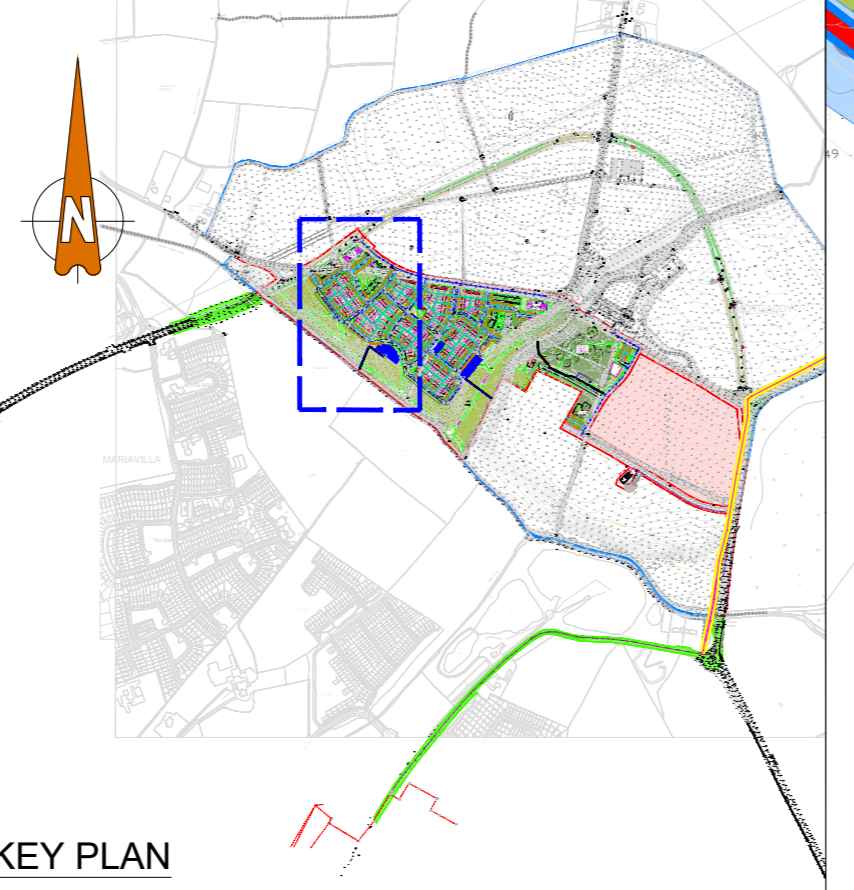
- SITE BOUNDARY
- uPVC TWINWALL SURFACE WATER DRAINAGE OR SIMILAR APPROVED
- 1200mmØ SURFACE WATER DRAINAGE PRECAST CONCRETE MANHOLE
- uPVC TWINWALL PERFORATED SURFACE WATER DRAINAGE OR SIMILAR APPROVED
- FILTER DRAIN
- SURFACE WATER ATTENUATION
- PERVIOUS PAVING
- POROUS ASPHALT
- KLARGESTER CLASS I "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 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.
 - 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.

PROPOSED HEADWALL TO BE INSTALLED AT INLET TO SWALE. SECURITY SCREEN IN ACCORDANCE WITH CIRIA C786 TO BE FITTED TO HEADWALL

PROPOSED SWALE TO ACT AS CONVEYANCE METHOD. 150mm PERFORATED LAND DRAIN TO BE PROVIDED BELOW SWALE. SIDE SLOPE OF SWALE TO BE MINIMUM 1:3. DETAIL TO BE COORDINATED WITH LANDSCAPE ARCHITECTS DESIGN

PN	Length (m)	Slope (1:3)	USMH (m)	USCL (m)	USIL (m)	DSMH (m)	DSCL (m)	DSL (m)	Dia (mm)
SC-2.000	31.976	170.00	SC-MH-5	57.191	55.766	SC-MH-6	57.496	55.578	225
SC-2.001	15.169	170.00	SC-MH-6	57.496	55.578	SC-MH-7	57.624	55.489	225
SC-2.002	45.442	170.00	SC-MH-7	57.624	55.489	SC-MH-8	57.399	55.221	225
SC-2.003	19.940	100.00	SC-MH-8	57.399	55.221	SC-MH-9	57.516	55.022	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-1.005	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-13	56.871	54.039	450
SC-3.000	29.015	50.00	SC-MH-13	56.727	55.302	SC-MH-14	56.999	54.722	225
SC-3.001	33.444	73.10	SC-MH-14	56.999	54.722	SC-MH-15	56.871	54.264	225
SC-1.007	14.851	410.00	SC-MH-15	56.871	54.039	SC-MH-16	56.704	54.003	450
SC-1.008	20.551	410.00	SC-MH-16	56.704	54.003	SC-MH-17	56.476	53.953	450
SC-1.009	22.255	495.00	SC-MH-17	56.476	53.878	SC-MH-18	56.213	53.833	525
SC-1.010	16.582	495.00	SC-MH-18	56.213	53.833	SC-MH-19	56.064	53.800	525
SC-4.000	67.465	149.30	SC-MH-19	55.974	54.549	SC-MH-20	55.522	54.097	225
SC-5.000	14.655	146.50	SC-MH-20	55.076	55.651	SC-MH-21	56.976	55.551	225
SC-5.001	35.729	125.40	SC-MH-21	56.976	55.551	SC-MH-22	56.691	55.266	225
SC-5.002	10.336	245.00	SC-MH-22	56.691	55.191	SC-MH-23	56.665	55.149	300
SC-5.003	8.703	87.00	SC-MH-23	56.665	55.149	SC-MH-24	56.549	55.049	300
SC-5.004	64.785	176.00	SC-MH-24	56.549	55.049	SC-MH-25	56.181	54.681	300
SC-6.000	25.481	84.10	SC-MH-25	56.484	55.059	SC-MH-26	56.181	54.756	225
SC-5.005	15.327	325.00	SC-MH-26	56.181	54.606	SC-MH-27	56.438	54.559	375
SC-5.006	62.032	260.60	SC-MH-27	56.438	54.559	SC-MH-28	55.895	54.321	375
SC-5.007	15.019	325.00	SC-MH-28	55.895	54.321	SC-MH-29	55.971	54.274	375
SC-5.008	10.800	33.00	SC-MH-29	55.971	54.274	SC-MH-30	55.522	53.947	375
SC-4.001	12.337	262.50	SC-MH-30	55.522	53.947	SC-MH-31	55.475	53.900	375
SC-7.000	15.581	86.60	SC-MH-31	57.200	55.775	SC-MH-32	57.020	55.595	225
SC-7.001	24.294	117.90	SC-MH-32	57.020	55.595	SC-MH-33	56.814	55.389	225
SC-7.002	43.183	54.20	SC-MH-33	56.814	55.389	SC-MH-34	56.236	54.592	225
SC-8.000	7.990	148.00	SC-MH-34	56.600	55.175	SC-MH-35	56.546	55.121	225
SC-8.001	10.787	158.60	SC-MH-35	56.546	55.121	SC-MH-36	56.478	55.053	225
SC-8.002	10.702	155.10	SC-MH-36	56.478	55.053	SC-MH-37	56.409	54.984	225
SC-8.003	27.783	138.90	SC-MH-37	56.409	54.984	SC-MH-38	56.209	54.784	225
SC-8.004	11.294	59.00	SC-MH-38	56.209	54.784	SC-MH-39	56.236	54.592	225
SC-7.003	17.586	325.00	SC-MH-39	56.236	54.442	SC-MH-40	56.031	54.388	375
SC-7.004	46.359	94.80	SC-MH-40	56.031	54.388	SC-MH-41	55.475	53.899	375
SC-4.002	10.027	172.90	SC-MH-41	55.475	53.749	SC-MH-42	55.416	53.691	525
SC-4.003	46.290	23.10	SC-MH-42	55.416	53.691	SC-MH-43	53.410	51.684	525
SC-4.004	19.403	590.00	SC-MH-43	53.410	51.609	SC-MH-44	55.819	51.576	600
SC-4.005	21.657	590.00	SC-MH-44	55.819	51.576	SC-MH-45	55.859	51.540	600
SC-4.006	8.450	590.00	SC-MH-45	55.859	51.540	SC-MH-46	56.064	51.525	600
SC-1.011	13.585	590.00	SC-MH-46	56.064	51.540	SC-MH-47	56.082	51.427	675
SC-9.000	9.262	40.00	SC-MH-47	55.349	53.924	SC-MH-48	55.303	53.692	225
SC-9.001	11.038	40.00	SC-MH-48	55.303	53.692	SC-MH-49	55.271	53.417	225
SC-9.002	7.827	40.00	SC-MH-49	55.271	53.417	SC-MH-50	55.313	53.221	225
SC-9.003	7.795	40.00	SC-MH-50	55.313	53.221	SC-MH-51	55.409	53.026	225
SC-9.004	9.559	40.00	SC-MH-51	55.409	53.026	SC-MH-52	55.563	52.787	225
SC-9.005	9.646	35.00	SC-MH-52	55.563	52.787	SC-MH-53	55.720	52.511	225
SC-9.006	14.497	40.00	SC-MH-53	55.720	52.511	SC-MH-54	55.980	52.149	225
SC-9.007	10.280	37.80	SC-MH-54	55.980	52.149	SC-MH-55	56.082	51.877	225
SC-1.012	11.288	198.00	SC-MH-55	56.082	51.427	SC-MH-56	53.245	51.370	675
SC-1.013	20.495	675.00	SC-MH-56	53.245	51.295	SC-MH-57	54.647	51.265	750
SC-1.014	4.215	170.00	SC-MH-57	54.647	51.265	SC-MH-58	54.852	51.240	225
SC-1.015	37.359	170.00	SC-MH-58	54.852	51.240	SC-MH-59	54.331	51.020	225
SC-1.016	5.914	170.00	SC-MH-59	54.331	51.020	SC-MH-60	54.561	50.985	225
SC-1.017	31.965	170.00	SC-MH-60	54.561	50.985	SC-5.244	50.797	225	



PLANNING DRAWING.
NOT FOR CONSTRUCTION.
ALL LEVELS GIVEN ARE RELATIVE TO ORDNANCE DATUM.
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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 INFORMATION	EH	MK

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Client: SKY CASTLE LTD.
Project: MOYGADY CASTLE SHD

Title: PROPOSED DRAINAGE LAYOUT SURFACE WATER NETWORK SHEET 1 OF 3

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
S665	OCSC	1C	XX	DR	C	0501	S4	P05

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