

**SURFACE WATER LEGEND:**

PROPOSED STORM MANHOLE	MH
PROPOSED RIGID HDPE STORM PIPE	Pipe dia. / Pipe ID
PROPOSED GULLY	
PROPOSED HYDROBRAKE MANHOLE	MH
PROPOSED BYPASS SEPARATOR	NSBP
PROPOSED FILTER DRAIN	Blue Drain
PROPOSED RAINWATER HARVEST UNIT	

**Data Campus Equipment Legend:**

D1	Data Building 01 (D1a) MV Switch Room Building
D2	Data Building 02 (D2a) MV Switch Room Building
D3	Data Building 03 (D3a) MV Switch Room Building
D4	Data Building 04 (D4a) MV Switch Room Building
D5	Data Building 05 (D5a) MV Switch Room Building
D6	Data Building 06 (D6a) MV Switch Room Building
D7	Ancillary Equipment Compound (DER)
D7(a)	Fire Water Tank
D7(b)	Fire Water Pump House
D7(c)	Storage Building
D7(d)	Diesel Generator
D7(e)	Data Building Water Treatment Unit
D8	Air Insulated Switchgear (AIS) Compound
D9	33kV IPP Building
D10(a)	Fuel Cell Tower 01
D10(b)	Fuel Cell Tower 02
D10(c)	Fuel Cell Tower 03
D10(d)	Fuel Cell Tower 04
D10(e)	Fuel Cell Tower 05
D10(f)	Fuel Cell Tower 06
D11(a)	Carbon Dioxide Process Building (Fuel Cells)
D11(b)	Carbon Dioxide Storage Tanks (Fuel Cells)
D12(a)	Chilled Water Pump House (Fuel Cells)
D12(b)	Chilled Water Tank (Fuel Cells)
D12(c)	Chilled Water Tank (Fuel Cells)
D13	Data Campus Facility Entrance Security Building
D14	Above Ground Gas Installation (AGI)
D15	IPP Building & AIS Compound (Fuel Cells)
D16	220kV IPP GIS Building
D17	IPP Building and AIS Compound (Solar Farm)
D18	Battery & MVPS Compound, IPP Building & AIS Compound
D19	Ancillary Equipment Compound (DC Facility)
D19(a)	Fire Water Tank (Data Buildings)
D19(b)	Fire Water Pump House (Data Buildings)
D19(c)	Water Treatment Unit (Data Buildings)
D20	Water Treatment Unit Serving D16, D17 & D18
D21	Combined Fire Water Retention and Attenuation Pond
D22	Habitat Pond

**NOTES:**  
 1. DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING  
 2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS

Rev.	Modifications	By	Date
P01	PLANNING	SK	July 25
P02	FURTHER INFORMATION	SK	Mar 26
P02	PLANNING S182	SK	June 26

**LEGEND:**

OWNERSHIP BOUNDARY	POST & RAIL FENCE	LEGEND (SOLAR):	10m BUFFER ZONE	WEATHER STATION	HORIZONTAL DIRECTIONAL
SITE BOUNDARY	CUT AREA	4.5m SECURITY FENCE OFFSET	(One Side)	MEDIUM VOLTAGE	DRILLING
PROPOSED TAR ROAD	FILL AREA	SECURITY FENCE	(One Side)	POWER STATION (MVPS)	CABLE ROUTE
GRASS	COMPENSATORY ROAD	5m WIDE GRAVEL ROAD	5m BUFFER ZONE (One Side)	SOLAR PANEL ARRAY	
FOOTPATHS	PROPOSED TAR ROAD	PROPOSED TAR ROAD	10m BUFFER ZONE (5m Each Side)	COMPENSATORY WOODLAND	
SECURITY FENCE	HABITAT	20m BUFFER ZONE (10m Each Side)		GOLDEN PLOVER HABITAT	
	CABLE ROUTE				



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Email: info@halston.ie Tel: 094 9010111		
Client: RED ADMIRAL DC LTD	Project: ADMIRAL	Drawn: SK
Title: PROPOSED SURFACE WATER DRAINAGE LAYOUT	Stage: PLANNING	Checked: WD
Date: Feb 2025	Scales: 1:500	Approved: CS
Sheet: 3 of 5	Sheet Size: A0	
Job No: SEP-0374	Rev: P02	
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