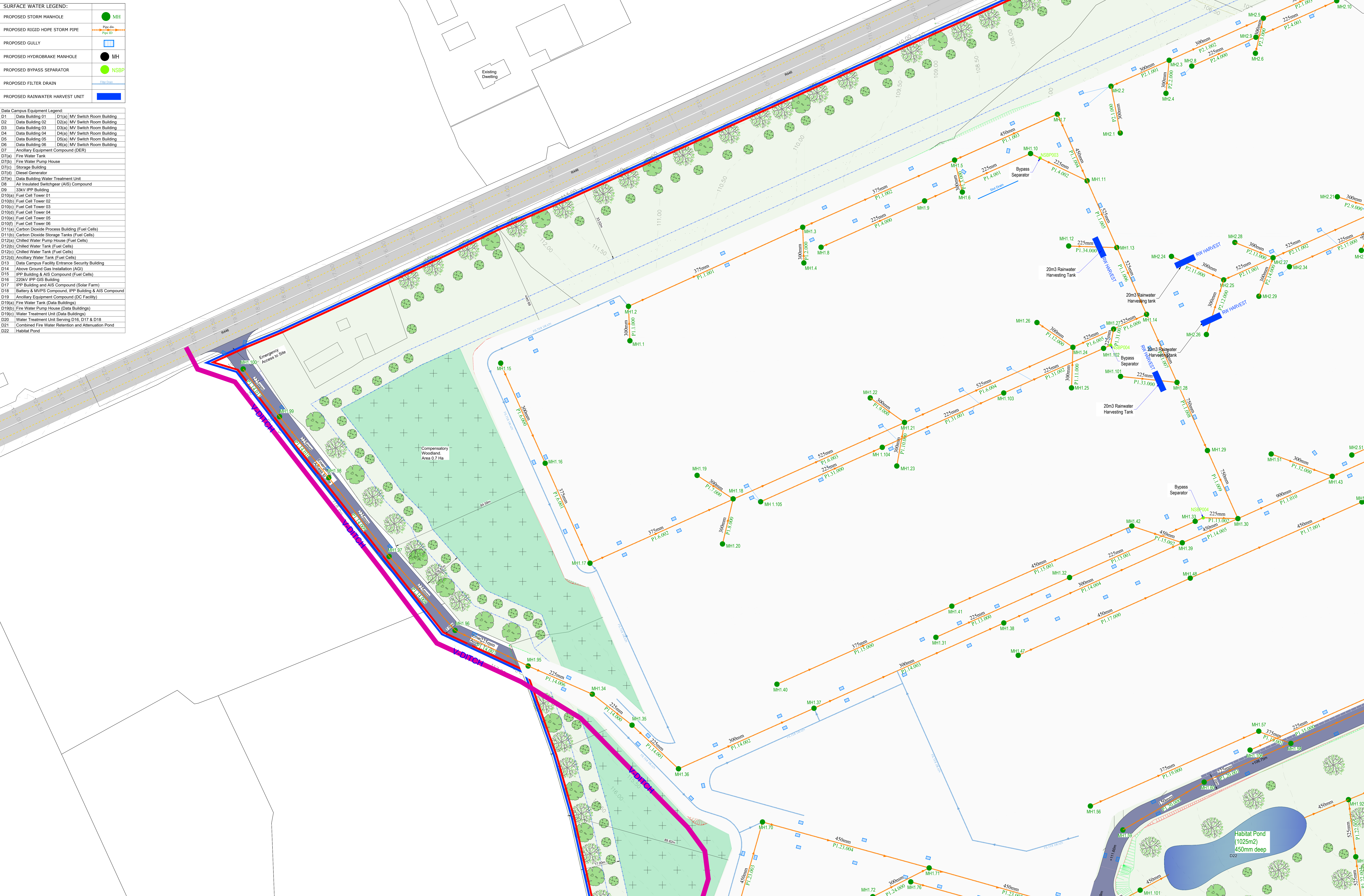


SURFACE WATER LEGEND:	
PROPOSED STORM MANHOLE	MH
PROPOSED RIGID HDPE STORM PIPE	Prop. dia Prop. ID
PROPOSED GULLY	
PROPOSED HYDROBRAKE MANHOLE	MH
PROPOSED BYPASS SEPARATOR	NSBP
PROPOSED FILTER DRAIN	Prop. dia
PROPOSED RAINWATER HARVEST UNIT	

Data Campus Equipment Legend:	
D1	Data Building 01
D2	Data Building 02
D3	Data Building 03
D4	Data Building 04
D5	Data Building 05
D6	Data Building 06
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)
D12(d)	Ancillary 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 & MPPS 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



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

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

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HALSTON
 Email: info@halston.ie
 Tel: 094 9010111

IHUB BUILDING WESTPORT ROAD CASTLEBAR CO. MAYO. F23 K16Z

Client	RED ADMIRAL DC LTD	Drawn	SK	Checked	WD	Approved	CS
Project	ADMIRAL	Date	Feb 2025		Scale	1:500	
Title	PROPOSED SURFACE WATER DRAINAGE LAYOUT	Sheet	2 of 5	Sheet Size	A0		
Stage	PLANNING	Job No.	SEP-0374		Rev	P02	
Dwg. No.	CLDC-HAL-DC-XX-PL-1041						

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