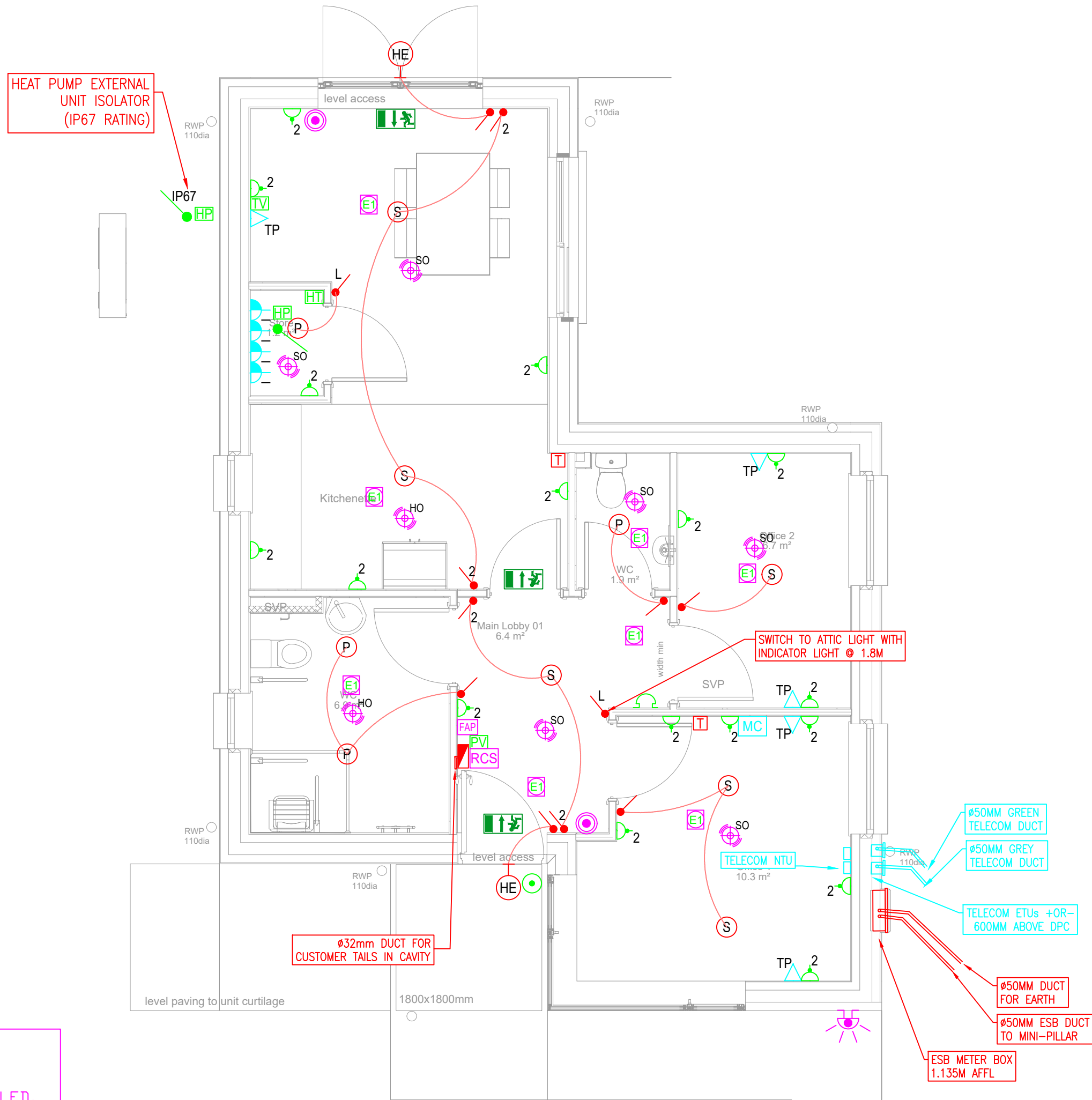


NOTE:

- ALL PV CABLING TO BE CLEARLY LABELLED
- RESIDUAL CURRENT DEVICES (RCDs) ARE REQUIRED TO BE INSTALLED ON LIGHTING CIRCUITS
- A 25mm OD/ 20mm ID INTERNAL ROPED DUCT IS TO BE PROVIDED BETWEEN EACH ETU AND NTU
- A 32mm OD DUCT IS TO BE ALLOWED BETWEEN THE HEAT PUMP'S INTERNAL AND EXTERNAL UNITS
- WATER PUMP TO BE WIRED THROUGH A CONNECTION UNIT FUSED AND FLEX OUTLET

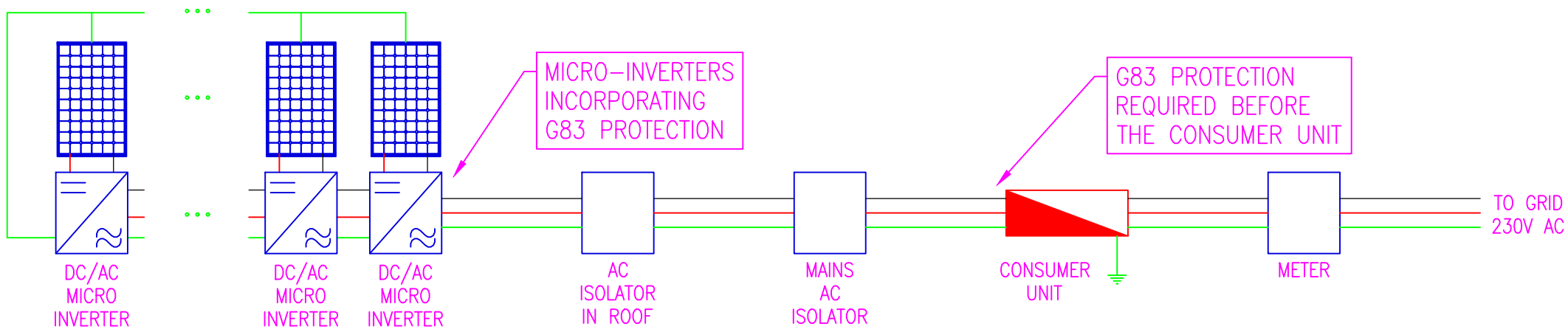
EMERGENCY LIGHTING NOTES:

- THE EMERGENCY LIGHTING INSTALLATION SHALL BE INSTALLED, TESTED AND COMMISSIONED IN ACCORDANCE WITH IS 3217:2023
- ALL CONVERSION PACKS SHALL BE OF A SINGLE MANUFACTURER AND MUST PROVIDE 3H OPERATION ON THE LOSS OF POWER
- TEST SWITCH TO BE PROVIDED IN CONSUMER UNIT FOR MANUAL TESTING



HOUSE TYPE D
GROUND FLOOR

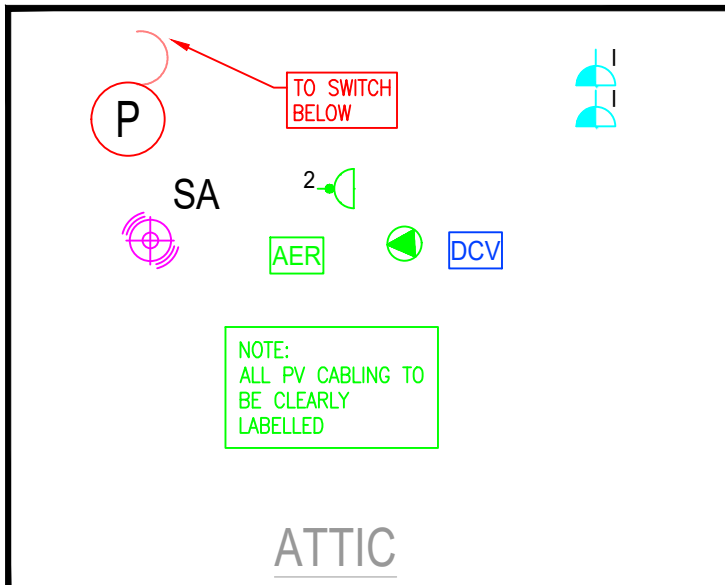
TYPICAL SCHEMATIC OF SINGLE STRING PV INSTALLATION



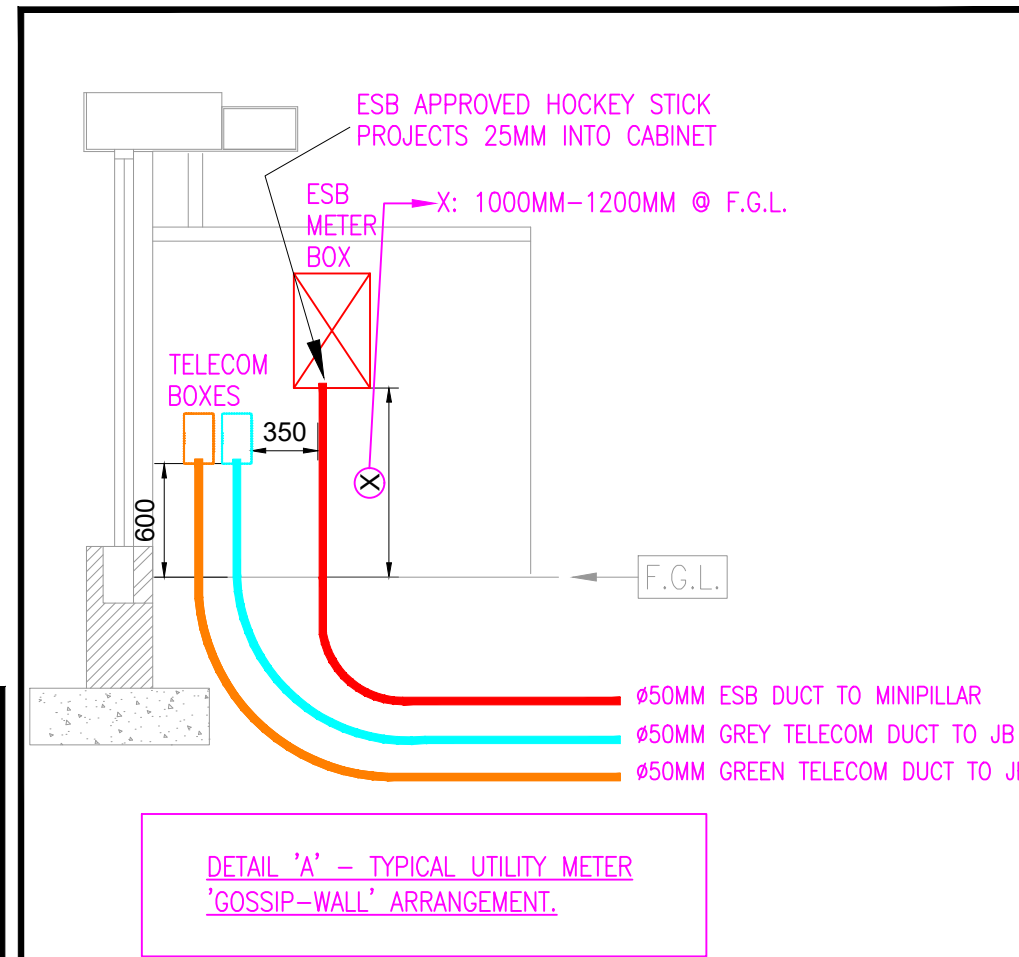
ACTUAL LOCATIONS OF OUTLETS IN KITCHEN TO BE DETERMINED BY FINAL KITCHEN LAYOUTS AS PER THE TABLE BELOW:

APPLIANCE	OUTLET	LOCATION
COOKER	2 POLE COOKER ISOLATOR	ABOVE COUNTER, TO ONE SIDE OF COOKER
COOKER HOOD	SINGLE UNSWITCHED SOCKET	BELOW CEILING
COOKER HOOD SWITCH	2 POLE SWITCH	ABOVE COUNTER
FRIDGE	SINGLE UNSWITCHED SOCKET	450mm AFFL, BEHIND DISHWASHER
REMOTE SWITCH FOR FRIDGE	2 POLE SWITCH	ABOVE COUNTER, NEXT TO FRIDGE
DISHWASHER (IF APPLICABLE)	SINGLE UNSWITCHED SOCKET	450mm AFFL, BEHIND DISHWASHER
REMOTE SWITCH FOR DISHWASHER	2 POLE SWITCH	ABOVE COUNTER
WASHING MACHINE	SINGLE UNSWITCHED SOCKET	450mm AFFL, BEHIND DISHWASHER
REMOTE SWITCH FOR WASHING MACHINE	2 POLE SWITCH	ABOVE COUNTER

LEGEND:	
	SINGLE SOCKET OUTLET
	2 GANG SWITCHED SOCKET OUTLET
	TELEPHONE POINT
	UNSWITCHED FUSED SPUR OUTLET WITH INDICATING LAMP
	SPUR AND EXTRACT FAN
	DISTRIBUTION BOARD
	ELECTRIC SHOWER
	HEAT PUMP
	COOKER HOOD WITH INTEGRAL MOTOR AND SWITCH
	COOKER CONNECTION UNIT
	TEMPERATURE STAT
	TERRESTRIAL AERIAL CONNECTION POINT
	DOUBLE TV OUTLET, ONE FEED TO ATTIC AERIAL, ONE TO CABLE TV BOX
	ISOLATOR FOR PV SYSTEM
	40A COOKER SWITCH
	13A ISOLATION SWITCH
	HEATING TIMER
	CIRCULATION PUMP
	HEAT PUMP SWITCH
	BELL
	BELL BUTTON
	'n'-WAY SWITCH
	SWITCH WITH LED INDICATOR
	6A/250V CEILING ROSE, PRE-WIRED WITH EN 50525-2-11 CABLE AND 3KG CAPACITY
	WALL MOUNTED LIGHT FITTING OVER DOOR, 11W, 1150lm, IP65, IK10, 4000K
	ROUND CEILING MOUNTED LUMINAIRE, 10W, 1120lm, 4000K, IP54, IK10
	LED SHAVERLIGHT, IP44, 8W, 800lm
	'L' DENOTES LUMINAIRE C/W 3H EMERGENCY KIT
	ADDRESSABLE FIRE ALARM PANEL
	SMOKE DETECTOR WITH SOUNDER & STROBE WITH PROGRAMMABLE SOUND OUTPUT LEVEL
	HEAT DETECTOR WITH SOUNDER & STROBE WITH PROGRAMMABLE SOUND OUTPUT LEVEL
	MANUAL CALL POINT - RE-SETTABLE
	EXTERNAL FIRE ALARM SOUNDER WITH FLASHING BEACON
	DEMAND CONTROL VENTILATION
	TELECOM NTU MOUNTED IN A DOUBLE PATTRISS BOX, CONNECTED TO THE ETU BY A #25MM ROPED DUCT
	MEDIA CENTRE



ATTIC



NOTES:

GENERAL NOTES:

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, C&S ENGINEERS DRAWINGS & SPECIFICATIONS.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT BUILDING REGULATIONS.
- DO NOT SCALE - WORK TO FIGURE DIMENSIONS ONLY.

TYPICAL COMPLIANT PART L 2019 RENEWABLE ENERGY INSTALLATION - A MINIMUM OF 4No. 400Wp SOLAR PHOTOVOLTAIC PANEL INSTALLATION IN EACH DWELLING, REGARDLESS OF BER RATING, COMPLETE WITH APPROPRIATE ROOF-MOUNTING KIT, BRACKETS, MICRO-INVERTER, CONTROLLER, ETC. AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND ESB NETWORKS CODE FOR THE INTEGRATION OF MICRO-GENERATORS. THE CONTRACTOR MAY DEMONSTRATE IF THEY SO WISH, ALTERNATIVE COMPLIANCE WITH PART L 2019 OF THE BUILDING REGULATIONS, BUT MUST BE COGNISANT OF BER RATING, PLANNING PERMISSION, AESTHETIC IMPLICATIONS, ETC.



Referenced drawings	
Dwg No.	Dwg Title

Issue register				
Rev.	Date	Description	Drawn	Checked
T1	16/05/25	TENDER ISSUE	HP	BC
T2	29/05/25	TENDER ISSUE	HP	BC
T3	26/01/26	TENDER ISSUE	HP	LL
T4	18/06/26	TENDER ISSUE	HP	BC

Client: KILDARE COUNTY COUNCIL

Job Description: COMMUNITY HOUSING AT ARDREW, ATHY, Co. KILDARE

Status: TENDER ISSUE

Drawing Title: ELECTRICAL SERVICES LAYOUT

Project No: 24ME014	Drawing Ref: E-100(D)	Rev: T4
Date: 17/04/2025	Scale: 1:50 @ A1 (1:100@A3)	
Drawn By: H.P.	Checked By: B.C.	Approved By: B.C.

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