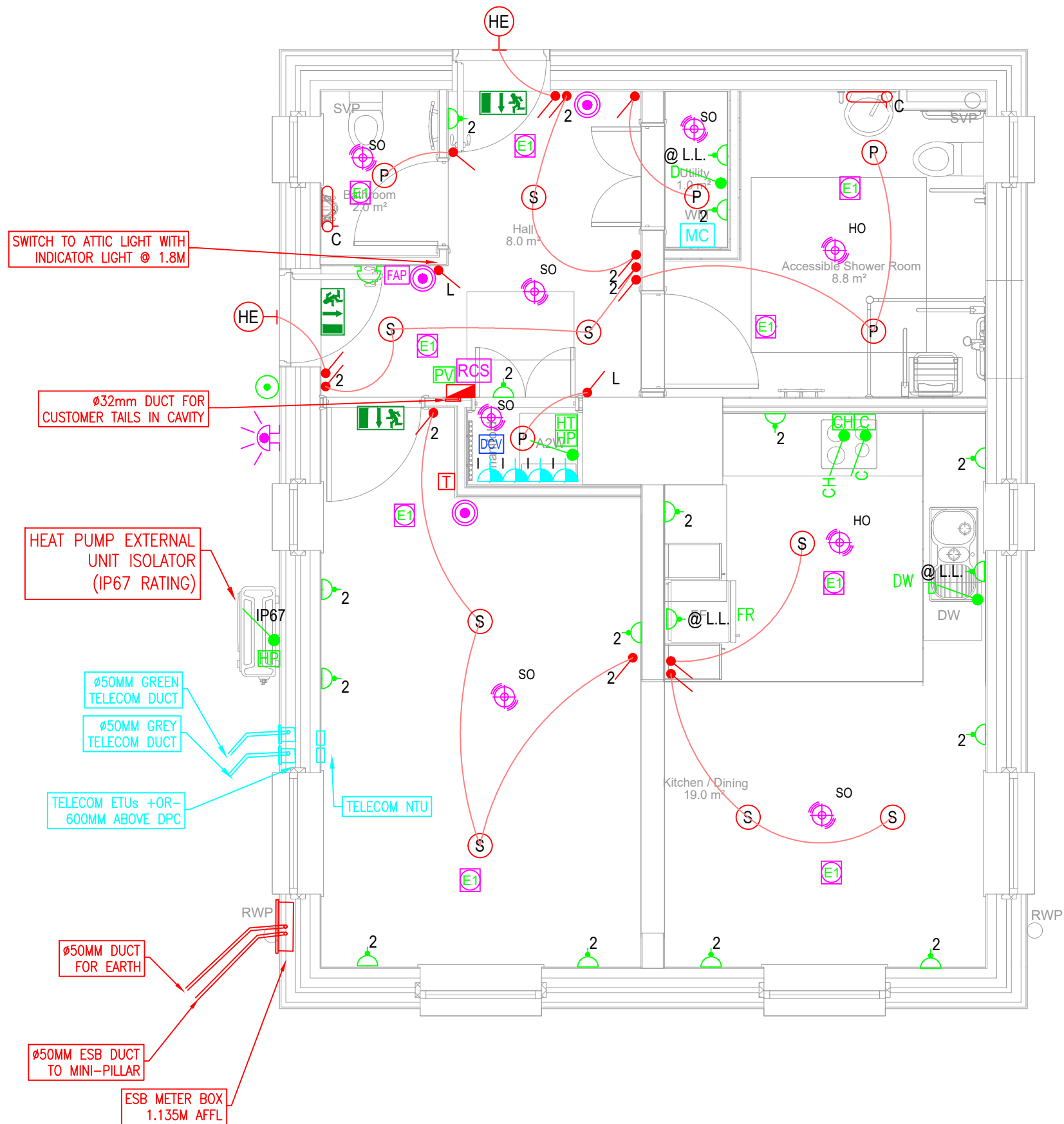


NOTE:

- ALL PV CABLING TO BE CLEARLY LABELLED
- COVERS/BOX-OUT TO BE PROVIDED TO CONCEAL ALL ALARM CABLES TO PIR'S
- RESIDUAL CURRENT DEVICES (RCD'S) 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

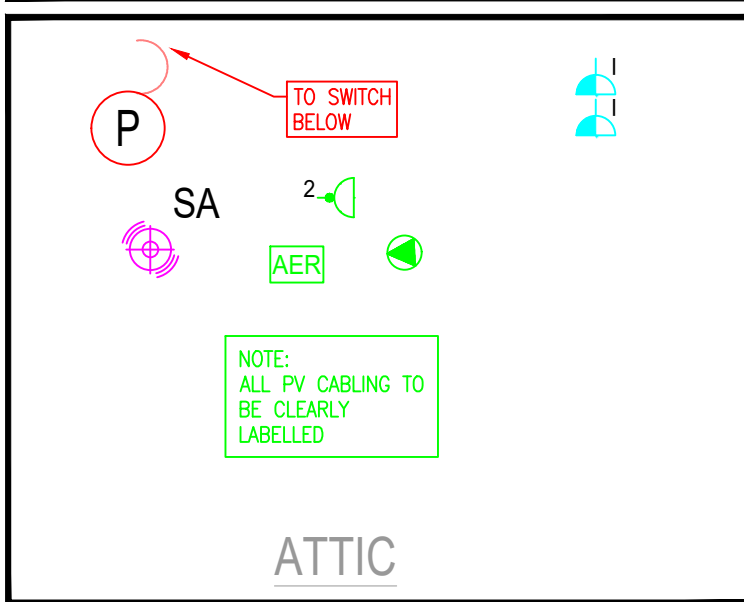
EMERGENCY LIGHTING NOTES:

- 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



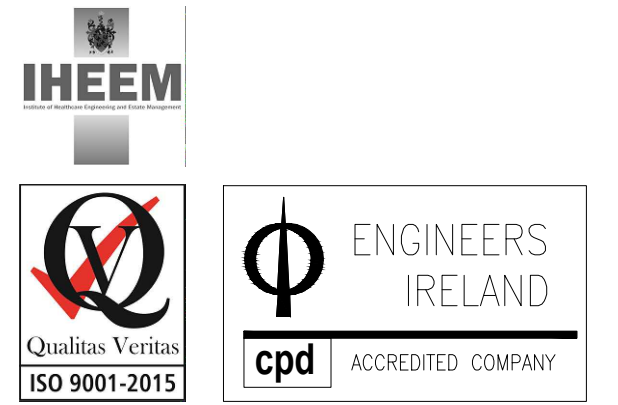
DAY HOUSE
GROUND FLOOR

- 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 CONNECTED TO LOW LEVEL OUTLET
 - 13A ISOLATION SWITCH CONNECTED TO LOW LEVEL OUTLET
 - 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'E' 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 PATRESS BOX, CONNECTED TO THE ETU BY A #25MM ROPED DUCT
 - MEDIA CENTRE



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	Des.	Chkal.
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

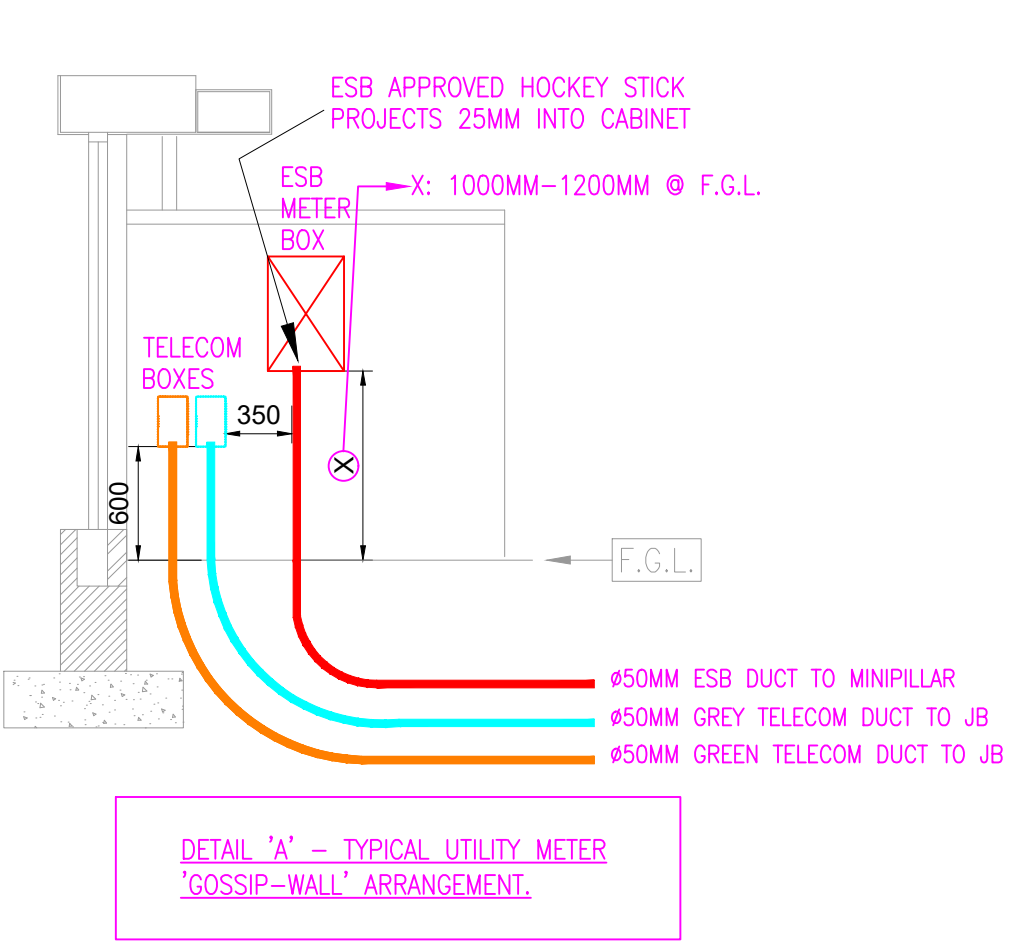
Drawing Title: ELECTRICAL SERVICES LAYOUT

Project No: 24ME014	Drawing Ref: E-100(C)	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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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



A.3.4

