

03 First Floor Small Power Layout

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04 First Floor Lighting Layout

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SMALL POWER

NOTE: the following suffix denotes mounting height.	
(LL)	Low level generally 450mm - 600mm AFFL to U/S of item.
(WL)	Worktop level, generally 75-150mm from worktop to U/S of item.
(HL)	High level generally 2100mm AFFL to U/S of item, but at least 25mm from ceiling.
SYMBOL	DESCRIPTION
	Consumer unit
	Multi gang grid unit comprising individual fuse units & 20A DP switches controlling WASHER-FRIDGE-COOKER HOOD-FREEZER DISHWASHER
	13A Single gang non-switched socket outlet.
	13A Single gang switched socket outlet.
	13A Two gang switched socket outlet.
	13A Two gang switched socket outlet with onboard twin USB outlets.
	13A non-switched fused connection unit.
	13A Switched fused connection unit.
	British Telecom NTES Master Telephone Socket.
	RJ 45 Data Outlet refer to specification for numbers
	SAT/TV/FM outlet, with integral Secondary RJ11 Telephone Socket.
	One gang coaxial TV outlet.
	Cooker control unit with integral 1G, 13A socket outlet.
	Cooker connection unit.
	IP 65 External Lockable 32A SPN Isolator
	50A DP Shower Isolator
	Electric shower unit.
	Extract Fan.
	3 Pole Fan Isolator
	Door Bell.
	Door bell push button.

LIGHTING

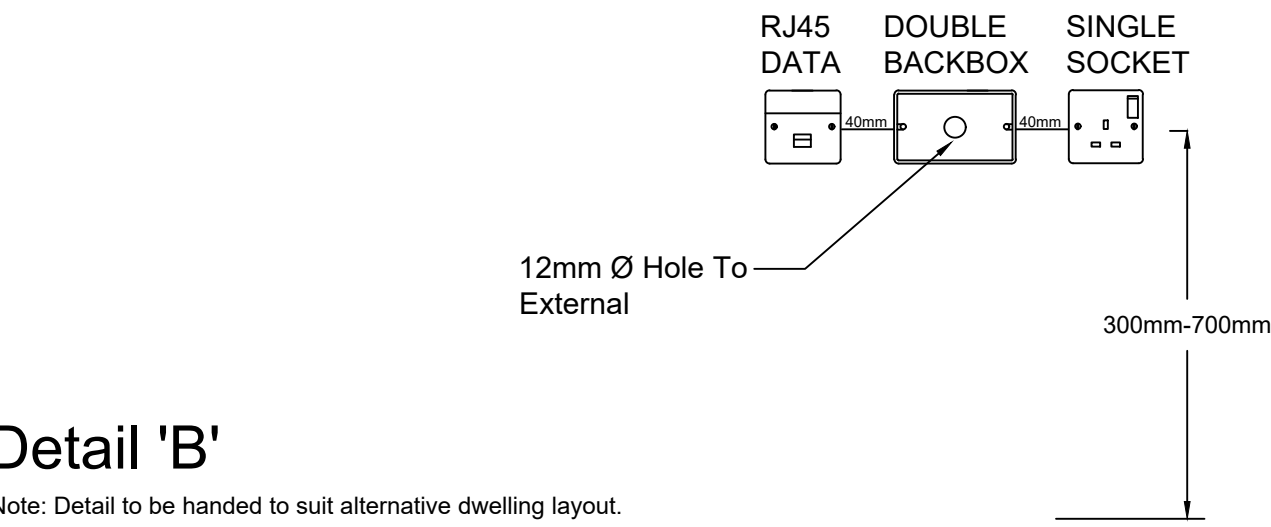
NOTE: Suffix denotes fitting type. See also Luminaire Schedule.	
SYMBOL	DESCRIPTION
	Ceiling / Recessed mounted luminaire.
	Wall mounted luminaire.
	Ceiling mounted linear fitting.
	Light switch - One way. NOTE: Suffix next to switch denotes number of gang. Example '2G' means two gang light switch.
	Light switch - Two way.
	2G Gridswitch: 1G light switch + 1 Amber neon indicator. Switch engraved 'LOFT LTG'
	Pull cord switch.

FIRE ALARM SYSTEM

SYMBOL	DESCRIPTION
	Fire alarm test/control unit.
	Smoke detector.
	Heat detector.
	Carbon Monoxide detector.

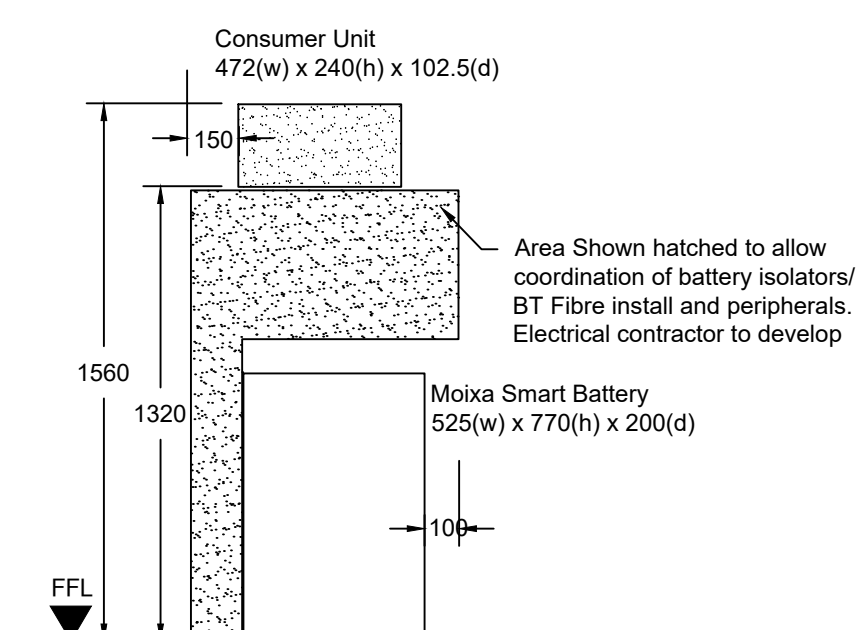
LUMINAIRE SCHEDULE			
REF	MAKE	RANGE	LIST NO.
A	MK Electric	Pendant Set	1186WHI
B	MK Electric	Batten Lamp Holder	1174WHH
C	NVC Lighting Ltd	Portland LED	NPO15LED/WHC0850
D	NVC Lighting Ltd	Phoenix LED	Luminaire - PH40SLED850, Diffuser - NPHS1CNTRLED40
E	NVC Lighting Ltd	Spartan LED	NSP15BK0840
F	ASD Lighting Ltd	Clarity - Portland	COP15LED0600C

BT Openreach Fibre Incomer Detail.



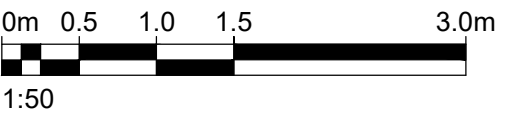
Detail 'B'

Note: Detail to be handed to suit alternative dwelling layout.



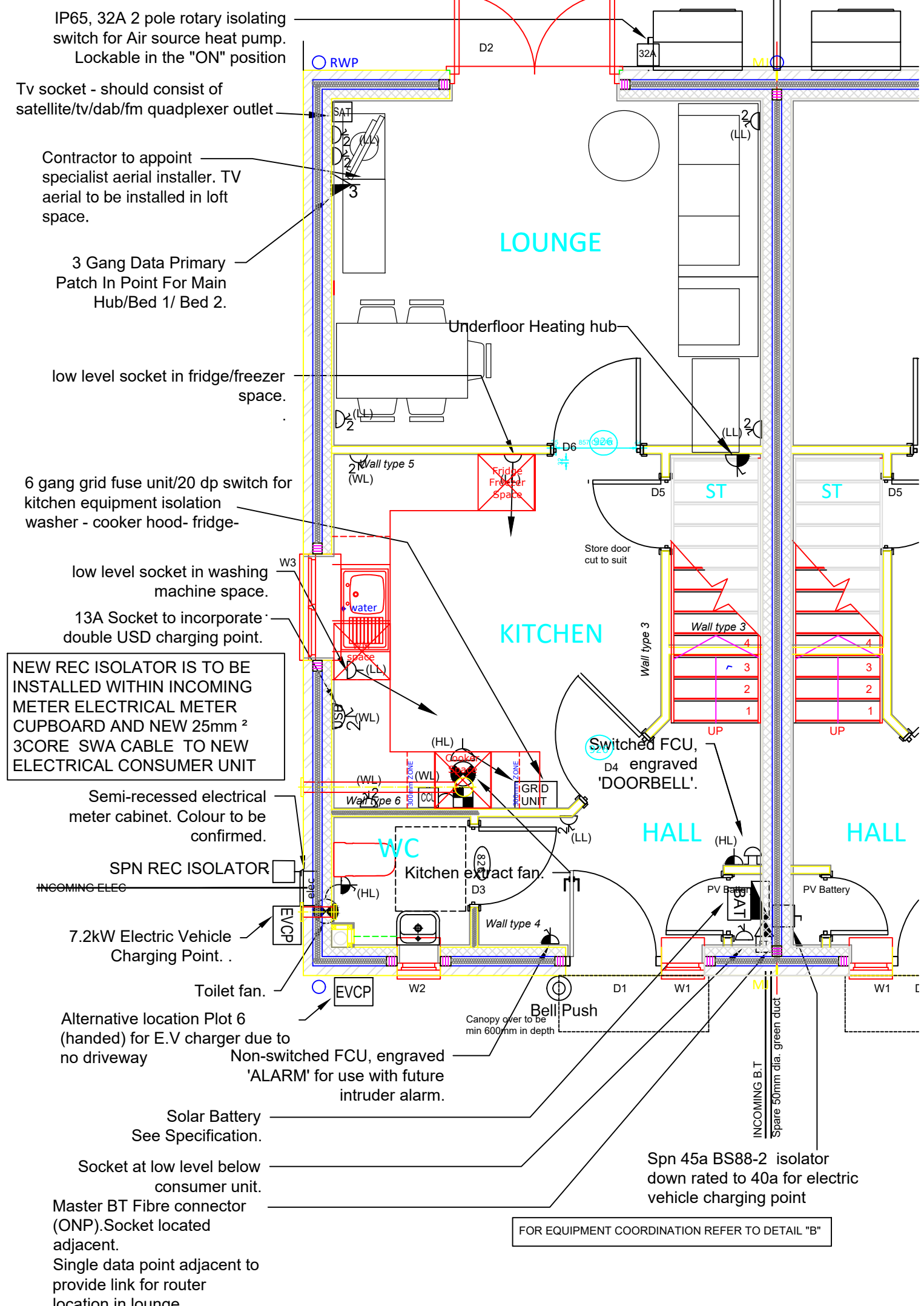
DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR. REPORT ANY DISCREPANCIES TO DRAWING AUTHOR AND PROPERTY SERVICES TEAM. DRAWING OR CONTENTS SHOULD NOT BE DUPLICATED WITHOUT PRIOR CONSENT.

DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DOCUMENTS INCLUDING BUT NOT LIMITED TO DRAWINGS, SPECIFICATIONS, SCHEDULES



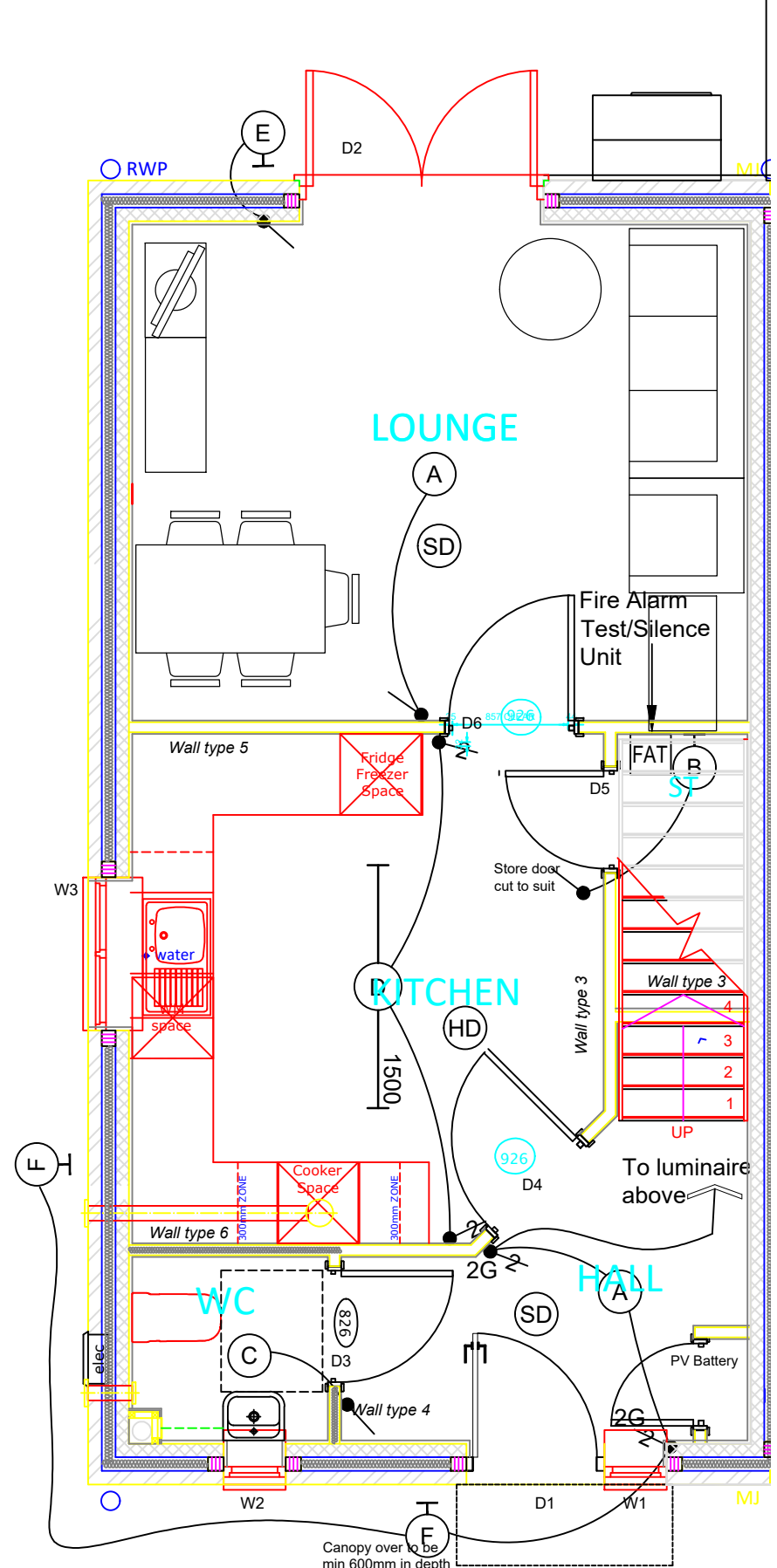
NOTES

- The Contractor shall allow in their tender submission for the supply and installation of the following items in the roof void of each dwelling - 1 x Luminaire Type B, 1 x 2G switched socket outlet, 1 x TV Digital Aerial. 1 x Smoke detector. All associated cable and containment.
- All WC and Bathroom fans operated by light switch.
- Dwelling fire detection/alarm system to comply with 'Part B' of the Building Regulations and to BS5839-Part 6 (Grade D1 - Category LD2). Allow for SD in loft.
- The type and location of all mechanical items are indicative and are subject to confirmation by the mechanical engineer.
- This drawing shall be read in conjunction with the electrical specification.
- Where whole house ventilation is installed, electrical contractor to allow for power supply within loft.
- 4kW Solar PV installation shown indicative. To be specialist PV design.



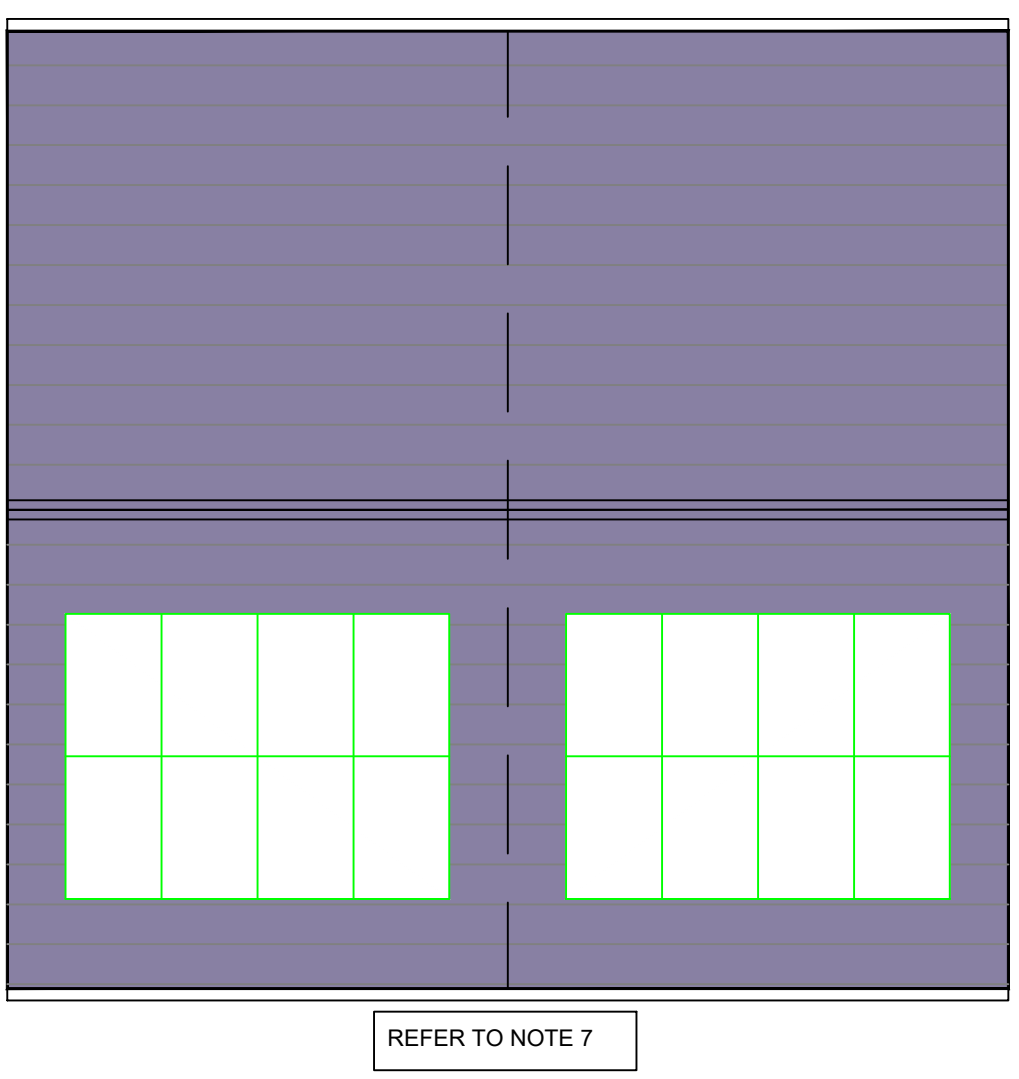
01 Ground Floor Small Power Layout

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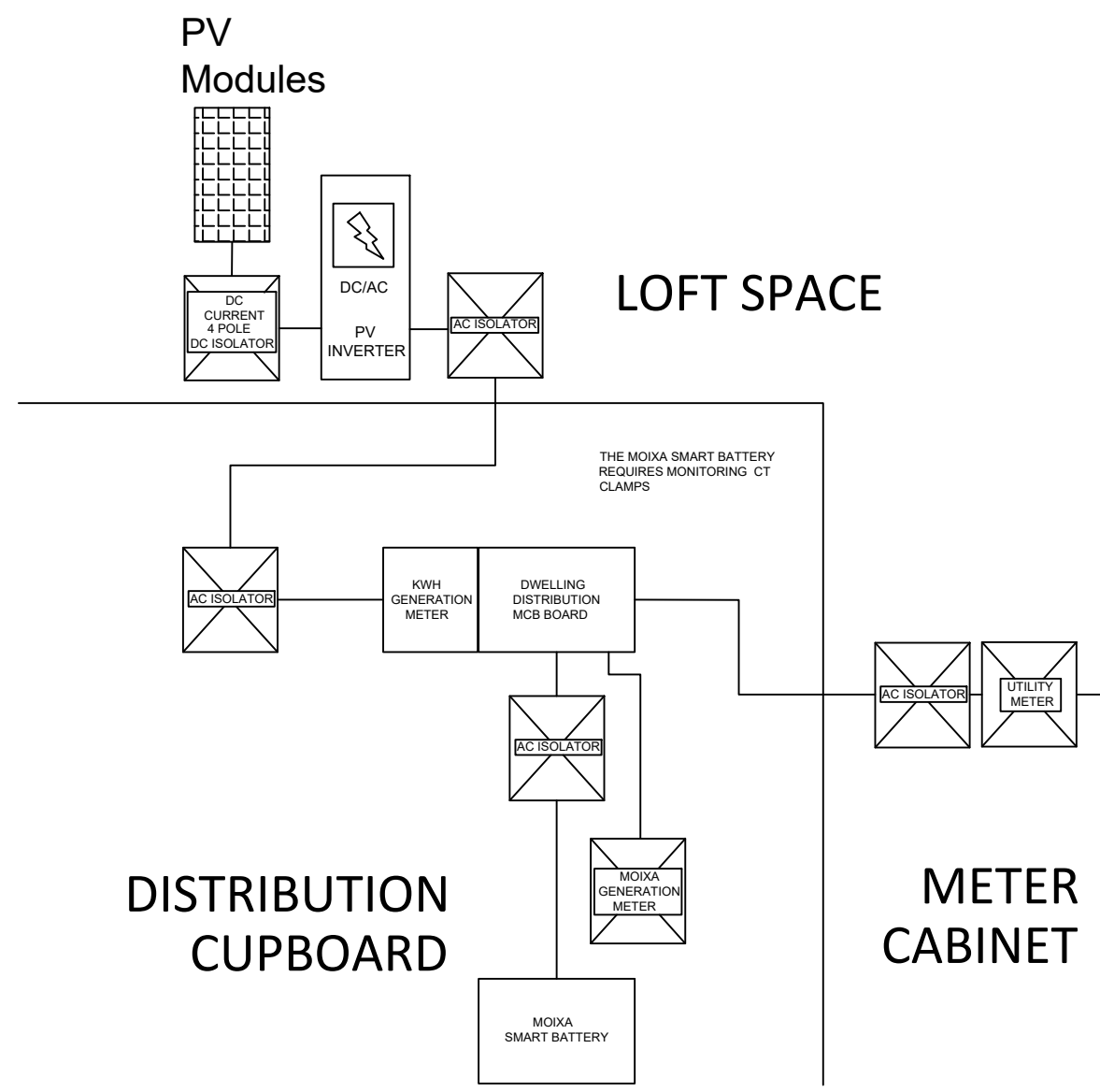
02 Ground Floor Lighting Layout

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06 INDICATIVE SOLAR PV LAYOUT

NTS



05 SCHEDULES AND SCHEMATICS

NTS

P1	TENDER ISSUE	16/06/2022	PAD
Rev	Notes	Date	Issued By



SERVICE		
Housing Growth		
PROJECT		
Goldthorpe Market		
TITLE		
Electrical Services 2 Bed Semi-Detached House (Handed)		
PROJECT REF 106436	DRAWING REFERENCE GMH-DR-E-001	REV P1
SCALE 1:50	DISCIPLINE ELECTRICAL ENG	SHEET SIZE A1
PURPOSE OF ISSUE BUILDING CONTROL APPROVAL	Drawn Checked	PAD