

	Attendance Record
Work reference:	ESEIT16548
Site:	Asquith House & Austin Hall Servia Road
	Leeds LS7 1AW
Date of attendance:	28/02/2023
	20/02/2023
Purchase order issued	40762
Engineer Name	Niall Fensome
Engineers Signature	jų į
Site Representative	
Site Representative Signature	

This is a record of attendance. To follow Covid-19 guidelines our engineers have been advised not to obtain signatures from the site representatives but have been given the ability to take a photo of a person or the building. This will show in the Site Representative Signature box

Any observations noted within this report which make the installation unsatisfactory have been relayed to our Estimating team who will produce a quotation and send it on as soon as possible.

ELECTRICAL INSTALLATION CONDITION REPORT (Electrical Installations – BS7671 IET Wiring Regulations)



Reference Number	ESEITTC10024859_1	PTSG Job Ret	f	ESEIT16548								
	Client Det	ails			1							
Details of Client	R	eason for producing th	ne report.									
Tuscola (109) Ltd Periodic inspection to assess the condition of the installation suitability for safe continued use and compliance with BS 76 Unit 120, Mill Hill House 6 The Broadway, Mill Hill London NW7 3LL NW7 3LL												
	Details of the In	stallation			2							
Occupier and Address:		Description of Brom		Commorgial								
Asquith House & Austin Hal Servia Road	II Asquith House & Austin Hall	Description of Prem Estimated age of wi		Commercial								
Leeds		Evidence of addition		-								
				No If Yes, Age yrs N/A								
LS7 1AW		Installation records Date of last inspecti		No N/A								
	Extent and Limitations of I				3							
Evtent of installation covers			g									
Testing carried out in accordance wit Agreed limitations on inspec	Illation. 20% inspection and testing of all circuits where acces h Guidance Note 3 section 3.8.4. ction and testing				l							
Cables concealed within trunking and conduits, or cables and conduits concealed under floors in accessible roof spaces and generally within the fabric of the building or underground have not been inspected. The Installation Reference Methods for cabling have been estimated due to circuits/cables being concealed within the fabric of the building. Testing was not conducted at equipment located above 3 metres from the floor or where the engineer can stand as per Guidance Note 3 Table 3.4 Note 5. Testing will be carried out at any accessible point of the circuit which is lower than 3 metres. Circuits with sensitive electronics including control units, dimmer packs and microprocessors, or deemed vulnerable by engineer, have not been tested for insulation resistance; Circuits supplying lighting and similar equipment that cannot reasonably be disconnected have been tested with line and neutral conductors connected together to Earth (Regulation 643.3.1 & 643.3.3); Circuits believed to be supplying vulnerable equipment have been tested for insulation resistance at 250V d.c. only; Presence of fire barriers, suitable seals and protection against thermal effects, have undergone an inspection to the accessible areas only; Circuits supplying heating, ventilation and air conditioning panels have been tested up to the isolation point within the panel; Lift Shafts and Lift equipment have not been accessed and are out of the scope of this report												
carrier.;Isolation and verification of ci Peak heating supplies etc., have not furniture/equipment which could not b	not been visually inspected as items are sealed by the Districuits and equipment has been carried out where possible will been tested for Earth Loop Impedance, an R1 + R2 test has be moved by the engineer at the time the inspection and test ety or operational reasons has not had any 'dead' tests carried to the search of t	thin the constraints of site ope been performed for these circ were carried out, only acces	erations;Circuits not e cuits to prove earth co sible points are inclu	energised at time of test, such as Off ontinuity.;Due to any large ded in this report; Any Distribution board								
Operational limitations were	e agreed with:											
Name: No responsi	ble person available	Position: N	I/A									
Wiring Regulations) as ame in roof spaces, and general	detailed in this report and accompanying sche ended to No.2 – March 2022 It should be note ly within the fabric of the building or undergrou r to the inspection. An inspection should be m	d that cables conceale ind, have not been ins	ed within trunkin pected unless s	g and conduits, under floors, specifically agreed between								
	Overall Assessment	of the Installation	n		4							
	nstallation in terms of its suitability for continue		Unsatisfa	-								
An unsatisfactory assessme conditions have been identi	ent indicates that dangerous (Code C1) and/or fied.	Potentially Dangerou	s (Code C2) an	d/or Further Investigation (FI)								
	Declara				5							
particulars of which are des declare that the information condition of the electrical ins	esponsible for the inspection and testing of the cribed above, having exercised reasonable sk in this report, including the observations and stallation taking into account the stated extent	ill and are when carryi attached schedules, p and limitations listed a	ing out the insp rovides an accu above.	ection and testing, hereby irate assessment of the								
Inspected and Tested by:				ed for Issue by:								
		Name:	Laura Davies									
	Engineer	Position:	EIT Administ	rator	-							
Date: 28/0	02/2023	Date:	28/02/2023									
Signature:		Signature:	Deur	>								



Reference	ESE	EITTC1002	4859_1	PT	SG Jo	b Ref	ESEIT165	48					
	Details of	of the C	ontractor Re	sponsible for	^r the	the Inspection and Testing							
Company and	Address including	postcode			Re	ason for produ	ucing the rep	ort:					
PTSG Electric	al Services				Telephone Number: 01977 668771								
11-14 Flemmir	ng Court												
Whistler Drive					CPS Provider: NICEIC								
Castleford													
WF10 5HW						CPS Registr	ation No:		32237				
Recommendations 7													
	erall assessment of												
recommend that any observations classified as 'Code 1 – Danger Present' or 'Code 2 – Potentially dangerous' are acted upon as a matter of urgency. Investigations without delay is recommended for observations identified as 'Code FI – Further Investigation Required'. Observations classified as 'Code 3 – Improvement recommended' should be given due consideration. Please see additional comments on next page.													
Subject to the necessary remedial action being taken I/We recommend that the installation is further inspected and tested													
after an interva	al not exceeding		-						_		1 years		
		Supp	oly Characte	ristics & Eart	hing	Arrangem	ents					8	
System Earthin	ng Arrangement:	TN-S	3			& Type of Livenductors:	e	3 pha	ase – 4 wire	e – a.	D.		
Other Sources (to be detailed on a		N/A	Supply Po	larity 🗸	No	minal Voltage	(1) U _o	230	١	/	U 400	0 V	
	Supply	Protective	e Device		No	minal Frequer	icy, f ⁽¹⁾	50	H	Ηz			
BS (EN):	LIM		Type LIM		Ex Ze	ternal Loop Im	pedence,	0.09	ſ	2	⁽¹⁾ By E		
Rating:	LIM A	Breaking	capacity LIM	kA		ospective Faul (kA)	t Current,	5.0	k	A		Enquiry or surement	
			Particu	lars of the In	stall	ations						9	
Maximum Den	nand (Load)	N/V	A Fault Protection	ADS			Ма	in Swi	tch or Circ	uit B	reaker		
Means of Ear	thing		Electrode De	tails (if applicable)	Location	Panel						
Distributors Fa	-	1	Туре	N/A	,	BS(EN)	60947		Voltage Ra	ting	400	v	
Installation Ea	rth Electrode	N/A	Location	N/A		Туре	МССВ		RCD Opera	ating	N/A	-	
			Resistance to Earth	N/A		Current Rating	800		RCD Rated		N/A		
			to Earth			No. of	4		RCD Operation	ating	N/A	ms	
			м	ain Protective Co	onduc	poles tors			Time at @	IΔN		ms	
Earth Conduct	or		Material	Copper		Csa	300	mm2	Continuity &Connect	ion	✓		
Water		1	Material	Copper		Csa	50	mm2					
Gas		√	Material	Copper		Csa	50	mm2					
Oil	N/A Material N/A						N/A	mm2					
Steel		✓	Material	Copper		Csa	50	mm2					
Other	Lighting, Cable	Tray .	Material	Copper		Csa	50	mm2					
				Observations									
Referring to	the attached sche	dules of in					s specified o	n page	e 1 of this re	eport	under		
No romedial -				mitations of Inspe		and Testing' e following obs	servations a	re mad	le:				
No remedial a	•		N/A		:						~		
Observation(s)		4ho	the record										
Please see ob	servation sheet at	the end of	the report										



Reference	ESEITTC10024859_1	PTSG Job Ref	ESEIT16548								
	General condition of the Ins	tallation in terms of Elec	ctrical Safety								
Adequacy of earth Main Earthing Arra being done to a hi	angment and Bonding arrangements are in g	ood condition and well maintaine	ed with all Bonding labels and connections								
The Electrical insta	hgear and control gear: allation Switchgear consists of Bs 60947-2 M of switchgear requires improvement as there ory.										
The type(s) of wiring system, and its condition: The Electrical installation wiring systems consists of PVC Twin and Earth , FP200, PVC Swa, Xlpe Swa , SY which contained in cable management systems which consists of Clipped Direct & PVC & Metal Trunking , Basket ,cable tray and Ladder Racking These are mostly in good condition however there some areas where cables are not supported this has being noted down on the observation page. The serviceability of equipment, including accessories: General condition of wiring accessories and switch gear are in good condition and well maintained with plenty of years of service left .											
	dequate identification and notices: allation identification require improvements a	s there are some unverified circu	uits through out the Electrical installation.								
The Electrical Inst	wear and tear, damage, or other deterioration allation requires improvement to become a s re found on the observation page.										
No Changes have	e of the building which may lead to deficienc a taken place since last inspection and testin										
Other Comments											

SERVICES GROUP



Adequacy/security of barriers (416.2)	✓	
Condition of enclosure(s) in terms of IP rating etc (416.2)	✓	
Condition of enclosure(s) in terms of fire rating etc (421.1.6; 421.1.201; 526.5)	1	
Enclosure not damaged/deteriorated so as to impair safety (651.2)	√	

PTSG PREMIER TECHNICAL SERVICES GROUP Electrical Services Ltd

ELECTRICAL INSTALLATION CONDITION REPORT

Reference	ESEITTC10024859_1	PTSG Job Ref	ESEIT16548	
	Inspection	Schedule (2)		
Prese	ence and effectiveness of obstacles (417.2)			N/A
	Placing out of reach (417.3)			N/A
Presence of mai	n switch(es), linked where required (462.1; 462.1.201; 462.2)	All isolators that where non e being inspected and tested . All essential which includes I equipment has being visual i	Distribution Service	LIM
Operation of r	main switch(es) (functional check) (643.10)			✓
Manual opera	ation of circuit-breakers and RCDs to prove disconnection (643.10)			✓
	ral test button/switch causes RCD(s) to trip when operated (functional check) (643.10)			✓
RCD(s) provided for fau	It protection - includes RCBOs (411.4.204; 411.5.2; 531.2)			N/A
	r additional protection/requirements, where equired - includes RCBOs (411.3.3; 415.1)			√
Presence of RCD six-	monthly test notice at or near requirement, where required (514.12.2)			C3
Presence of diagrams	, charts or schedules at or near equipment, where required (514.9.1)			C3
Presence of non-standar	d (mixed) cable colour warning notice at or near equipment, where required (514.14)			√
Presence of alternative s	upply warning notice at or near equipment, where required (514.15)			N/A
Presence of next in	nspection recommendation label (514.12.1)			✓
Presence of other requi	red labelling (please specify) (Section 514)			N/A
correct type and rating (tive devices, bases and other components; no signs of unacceptable thermal damage, 411.3.2; 411.4; 411.5; 411.6; Sections 432, 433)			✓
Single-pole switching o	r protective devices in line conductors only (132.14.1; 530.3.3)			✓
Protection again	st mechanical damage where cables enter equipment (522.8.1; 522.8.5; 522.8.11)			✓
Protection against	electromagnetic effects where cables enter ferromagnetic enclosures (521.5.1)			✓
6. Distribution Circuits				
	Identification of conductors (514.3.1)			✓
	upported throughout their run (521.10.202; 522.8.5)			\checkmark
	Condition of insulation of live parts (416.1)			✓
Non-sheathed cables	protected by enclosure in conduit, duct or trunking (521.10.1)			✓
Suitability of contain	ment systems for continued use (including flexible conduit) (Section 522)			✓
	ctly terminated in enclosures (Section 526)			√
are correctly located in	nductor connections, including to busbars, terminals and are tight and secure (526.1)			LIM
	cables for signs of unacceptable thermal or anical damage/deterioration (421.1; 522.6)			√
	urrent-carrying capacity with regard for the /pe and nature of installation (Section 523)			\checkmark
Adequacy of protecti	ve devices: type and rated current for fault protection (411.3)			✓
Presence and adequacy	of circuit protective conductors (411.3.1.1; 543.1)			~
Coordination between c	onductors and overload protective devices (433.1; 533.2.1)			1
	s/practices with regard to the type and nature allation and external influences (Section 522)			✓
Where exposed	d to direct sunlight, cable of a suitable type (522.11.1)			1



Reference	ESEITTC10024859_1		PTSG Job Ref	ESEIT16548	
Och las service de la des des des		n Schedule (3)			
	, above ceiling, in walls/partitions le prescribed zones (see Extent and	ss than 50 mm tro	om a surface, and in	i partitions containing	
	Limitations)(522.6.202)* or				LIM
system, or otherwise protected ag	sheath, or run within earthed wiring ainst mechanical damaged by nails, Extent and Limitations)(522.6.204)*				LIM
	ling arrangements and protection gain thermal effects (Section 527)				✓
Band II cables segregated/sepa	arated from Band I cables (528.1)				LIM
Cables segregated/separated fro	om non-electrical services (528.3)				LIM
Condi	ition of circuit accessories (651.2)				✓
Suitability of circuit accessor	ies for external influences (512.2)				✓
Single-pole switching or protective	ve devices in line conductors only (132.14.1; 530.3.3)				✓
to fixed and stationary equipm	ding cpcs, within accessories and ent - identify/record numbers and s of items inspected (Section 526)				✓
Presence, operation and correct l isolation and sw	ocation of appropriate devices for vitching (Chapter 46; Section 537)				✓
General co	ondition of wiring systems (651.2)			_	✓
Temperature rating of cabl	le insulation (522.1.1; Table 52.1)				✓
7. Final Circuit					
Ide	ntification of conductors (514.3.1)			_	✓
Cables correctly supported	throughout their run (521.10.202; 522.8.5)				✓
Condition	n of insulation of live parts (416.1)				1
Non-sheathed cables protecte	d by enclosure in conduit, duct or trunking (521.10.1)				✓
Suitability of containment sys	tems for continued use (including flexible conduit) (Section 522)				✓
	t-carrying capacity with regard for hature of installation (Section 523)				1
	es: type and rated current for fault protection (411.3)				C2
Presence and adequacy of circuit	,				1
Coordination between conductor	s and overload protective devices (433.1; 533.2.1)				1
	iate for the type and nature of the external influences (Section 522)				1
Cables concealed under floors,	above ceilings, in walls/partitions, damage (522.6.201; 522.6.202;				
· · · · · ·	ones (see Extent and Limitations) (522.6.202)			_	LIM
wiring system, or otherw damaged by nails, sc Limit	ur or sheath, or run within earthed vise protected against mechanical rews and the like (see Extent and ations)(522.6.201; 522.6.204) or*				LIM
Provision of additional protection I	•				
1 *for all socket-outlets of	rating 32 A or less unless exempt (41.3.3)				✓
2 *for the supply of mobile equipm	· · /				✓
3 *for cables concealed in w	alls at a depth of less than 50mm (522.6.202; 522.6.203)				✓
4 *for cables concealed in walls	s/partitions containing metal parts regardless of depth (522.6.203)				N/A
	ircuits supplying luminaires within ic (household) premises (411.3.4)				N/A



ELECTRICAL INSTALLATION CONDITION REPORT (Electrical Installations – BS7671 IET Wiring Regulations)

Reference	ESEITTC10024859_1		PTSG Job Ref ESEIT16548	
		ction	Schedule (4)	
Provision of fire barriers	s, sealing arrangements and protection again thermal effects (Section 527)			1
Band II cables segregated	/separated from Band I cables (528.1)			LIM
Cables segregated,	/separated from non-electrical services (528.3)			LIM
	nclosures - identify/record numbers and (Section 526) (Extent of sampling is			
1 Con	nections under no undue strain (526.6)			1
2 No basic insulation	of conductor visible outside enclosure (526.8)			✓
3 Connections of live co	onductors adequately enclosed (526.5)			1
4 Adequately connected	d at point of entry to enclosure (glands, bushes etc) (522.8.5)			✓
Condition of accessories	including socket-outlets, switches and joint boxes (651.2)			✓
Suitability of acce	essories for external influences (512.2)			✓
Single-pole switching of	or protective devices in line conductors only (132.14.1; 530.3.3)			✓
8. Isolation and Switching Isolators (Sections 460; 53				
1 Presence and condition	on of appropriate devices (Section 462; 537.2)			✓
2 Acceptable location - sta	ate if local or remote from equipment in question (Section 462; 537.2.7)		Local	✓
3 Capable of bei	ng secured in the OFF position (462.3)			1
	4 Correct operation verified (643.10)		All isolators that where non essential equipment have being inspected and tested . All essential which includes Distribution Service equipment has being visual inspection.	✓
5 Clearly identified by pos	sition and/or durable marking (537.2.7)			✓
isolated by the operation	n situations where live parts cannot be n of a single device (514.11.1; 537.1.2) al maintenance (Section 464; 537.3.2)			N/A
-	of appropriate devices (Section 464.1; 537.3.2)			✓
2 Acceptable location - sta	ate if local or remote from equipment in question (537.3.2.4)		Local	✓
3 Capable of bei	ng secured in the OFF position (462.3)			1
	4 Correct operation verified (643.10)		All isolators that where non essential equipment have being inspected and tested . All essential which includes Distribution Service equipment has being visual inspection.	✓
5 Clearly identif	ied by position and/or durable marking (537.3.2.4)			✓
Emergency switching/stop	· · · · ·			
1 Presence and condition	on of appropriate devices (Section 465; 537.3.3; 537.4)			✓
2 Readily accessible for	or operation where danger might occur (537.3.3.6)			✓
	3 Correct operation verified (643.10)		All isolators that where non essential equipment have being inspected and tested . All essential which includes Distribution Service equipment has being visual inspection.	✓
4 Clearly identif	ied by position and/or durable marking (537.3.3.6)		······································	✓
Functional switching (Secti				
	ition of appropriate devices (537.3.1.1; 537.3.1.2)			1
2 Correct o	peration verified (537.3.1.1; 537.3.1.2)		All isolators that where non essential equipment have being inspected and tested .	✓
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All essential which includes Distribution Service equipment has being visual inspection.





			Liouinourou	
Reference ESEITTC10024859_1	PTSG Job Ref	ESEIT16548		
Inspection	Schedule (5)			
9. Current Using Equipment (Permanently Connected)				
Condition of equipment in terms of IP rating etc (416.2)			_	
······································			_	1
Equipment does not constitute a fire hazard (Section 421)				
			_	1
Enclosure not damaged/deteriorated so as to impair safety			_	
(134.1.1; 416.2; 512.2)				v
Suitability for the environment and external influences (512.2)			_	1
				_
Security of fixing (134.1.1)			_	1
Cable entry holes in ceiling above luminaires, sized or sealed so			_	
as to restrict the spread of fire: List number and location of luminaires inspected (separate page)(527.2)(Extent of sampling			_	1
is indicated in Section 3)			_	
Recessed luminaires (downlighters)				
	_		_	
1 Correct type of lamps fitted (559.3.1)			_	1
				_
2 Installed to minimise build-up of heat by use of "fire rated"			_	/
fitting, insulation displacement box or similar (421.1.2)				v
3 No signs of overheating to surrounding building fabric				
(559.4.1)				~
4 No signs of overheating to conductors/ terminations (526.1)				(
				•
10. Location(s) containing a Bath or Shower	Comments			
Additional protection for all low voltage (LV) circuits by RCD not				_
exceeding 30 mA (701.411.3.3)				1
· · · · · · · · · · · · · · · · · · ·				
Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)				N/A
· · · · · · · · · · · · · · · · · · ·				
Shaver sockets comply with BS EN 61558-2-5 formerly BS				1
3535 (701.512.3)				
Presence of supplementary bonding conductors, unless not				
required by BS7671:2018 (701.415.2)				V
Low voltage (e.g. 230 volt) socket-outlets sited at least 3 m from				
zone 1 (701.512.3)				√
Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)				1
Suitability of accessories and control gear etc. for a particular				
zone (701.512.3)				\checkmark
Suitability of current-using equipment for particular position				
within the location (701.55)				✓

11. Special Installations or Locations (if any special installations or locations are present, list the particular inspections applied on a separate sheet

Inspected by			
Name:	Niall Fensome	Position:	EIT Engineer
Date:	28/02/2023	Signature:	jW

					Circ	uit De	etails							E		EMIER TECH RVICES G Services	
Ref	erence Number		ESEITTC10	024859_2			PTSG Job	Ref	ESEIT	Г16548							
	DB Reference	Apartr	ment DB-A/APT/01				DB Loca	ation	Asquit	th Ground	d Floor Plantro	oom					
Distribution Board Comments DB Reference Circuit Number																	
1	√A		Supply From	Asquith House	5/TP		Over Current De	evice	60947	7	МССВ		RCD Op	perating C	urrent N/	A mA	
			Board Manufacturer	Hager			Device Ra	ating	200	A RCI	D Time Delay	N/A	RCD Opera	ating time	at l∆n N//	A ms	
Unumper 1/L1 1/L2 1/L3 2/L1 2/L2 2/L3 3/L1	Circuit Description Spare Sub Main CU-A-0 Sub Main CU-A-0 Sub Main CU-A-0 Sub Main CU-A-0 Sub Main CU-A-0 Sub Main CU-A-0	1 12 13 14 15	Circuit Cat N/A Sub Main Sub Main Sub Main Sub Main Sub Main Sub Main	egory	N/W Number of Points	2 G G G Disconnection Sconnection Time (seconds)	N/A 60898 60898 60898 60898 60898 60898 60898 60898 60898 60898 60898 60898	O O O O O O O O O O O O O O O O O O O	ł	 89 89 89 89 89 89 89 89 89 80 	A/X Device Breaking A/X Device Breaking 01 0/X 01 01 0 10 10 10 10 10 10 10 10	V/X V/X V/X V/X V/X V/X V/X V/X V/X V/X	Detunited (D) (D) (D) (D) (D) (D) (D) (D) (D) (D)	0 0 0 0 S Viring	A wethood A A/M A A/M A A A A A A A A A A A A A A A A A A A	N/A 35 35 16 16 16 16 35	N/A 35 16 16 16 35
3/L2 3/L3 4/L1 4/L2 4/L3 5/L1	Sub Main CU-A-1 Sub Main CU-A-0 Sub Main CU-A-0 Sub Main CU-A-0 Unable to verify	Sub Main CU-A-11Sub MainSub Main CU-A-10Sub MainSub Main CU-A-09Sub MainSub Main CU-A-08Sub MainSub Main CU-A-07Sub Main		1 1 1 1 1 1 LIM	5 5 5 5 5 0.4	60898 60898 60898 60898 60898 60898 60898	C C B C C C		63 63 63 63 63 63 16	10 10 10 10 10 10 10 10	N/A N/A N/A N/A N/A	0.3468 0.3468 0.6936 0.3468 0.3468 1.3656	G G G G G O	E&F E&F E&F E&F E&F B	16 16 16 16 16 1.5	16 16 16 16 16 16 1.5	
5/L2 5/L3 6/L1 6/L2 6/L3	Sub Main CU-A-1 Sub Main CU-A-1 Sub Main CU-A-1 Sub Main CU-A-1	Sub Main CU-A-13Sub MainSub Main CU-A-14Sub MainSub Main CU-A-15Sub MainSub Main CU-A-16Sub MainSub Main CU-A-17Sub Main		1 1 1 1 1	5 5 5 5 5 5	60898 60898 60898 60898 60898 60898	C C C C C		63 63 63 63 63	10 10 10 10 10 10	N/A N/A N/A N/A N/A	0.3468 0.3468 0.3468 0.3468 0.3468	G G G G	E&F E&F E&F E&F E&F	16 16 16 16 25	16 16 16 16 25	
7/L1 7/L2 7/L3 8/TP	Sub Main CU-A-1 Sub Main CU-A-1 Sub Main CU-A-1 Spare	9 2		C. PVC Cables in non		5 5 5 N/A ables in metallic	60898 60898 60898 N/A E. PVC Cables in non-	C C C N/A	۹ C/SWA Cal	63 63 63 N/A	10 10 10 N/A G. XLPE/SWA cables	N/A N/A N/A N/A	0.3468 0.3468 0.3468 N/A neral Insulated Cable	G G N/A	E&F E&F E&F N/A	25 25 25 N/A 0. Other	25 25 25 N/A
Installation	A la seastuit in		D la sessivit en swell es is	metallic conduit C. Clipped direct	trucking D. Direct b or conduit	uried or in ductir in ground	metallic trucking E&F. In free air or on cable tray or ladder touching		ee air or o	n cable p	 XLPE/SWA cables Twin and Earth a blasterboard ceiling, nsulation <100mm 	bove 101. ⁻ plaste	neral Insulated Cable Fwin and Earth above proard ceiling, ttion >100mm	102. Twin	and Earth within tud wall, touching	103. Twin and E insulated stud v touching inner v	/all, not

							т	est F	Resul	ts								Electrical Services Ltd
Re	ference N	lumber			ESEITT	C100248	59_2			I	PTSG Job	Ref	ESEI	Г16548				
			_															
[DB Referen	се	Apartm	ent DB-A/APT	/01						DB Loc	ation	Asquit	h Ground Flo	oor Plantroo	om		
[Details of ci	rcuits and/	or installed	d equipment v	ulnerable t	o damage v	when testing								Test	ed By		
	D h			1 -li-4-ih4i h			fin al ainsuite				1	lame	Niall F	ensome			Dat	e 28/02/2023
	accessories		connected	distribution b	oards and	associated	tinal circuits	and			Cian	oturo						
									_		Sign	ature	Ŵ					
	Test Ins	trument Se	erial Numb	er Fluk	ke 1653B -	3224058							J.M.					
								Ι	Distributi	ion Board	Characte	ristics						
Zs	0.13	Ω	No	minal Voltage	230	v	Polarity	1		lpf	3.8		kA	No of Pha	ses 3			Phase Rotation 🗸
								v		· .							_	•
	Ri	ng final cir	cuit contin	uity (Ω)	Contin	uity (Ω)		Insulatio	on Resista	nce (MΩ)					RCD		_	
5																	uttor	
Circuit Number	r1 (line)		rn (neutral)	r2 (cpc)	R1+R2	R2	Line-Line	Line-Neutral	Line-Earth	Neutral-Earth	Test Voltage	Polarity	Measured Zs (Ω)	(@l∆n (ms)	@5l∆n (ms)	Test Button Operation	AFDD Test Button Operation	Circuit Comments
1/L1 1/L2	N/2		N/A N/A	N/A N/A	N/A 0.05	N/A N/A	N/A N/A	N/A LIM	N/A LIM	N/A LIM	N/A LIM	N/A ✓	N/A 0.18	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
1/L3	N//	A	N/A	N/A	0.04	N/A	N/A	LIM	LIM	LIM	LIM	1	0.17	N/A	N/A	N/A	N/A	
2/L1 2/L2	N/2		N/A N/A	N/A N/A	0.04	N/A N/A	N/A N/A	LIM	LIM	LIM	LIM	√ √	0.17	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
2/L3	N/.	A	N/A	N/A	0.04	N/A	N/A	LIM	LIM	LIM	LIM	✓ ✓	0.17	N/A	N/A	N/A	N/A	
3/L1 3/L2	N/2		N/A N/A	N/A N/A	0.04	N/A N/A	N/A N/A	LIM	LIM	LIM	LIM	1	0.17	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
3/L2	N/2		N/A N/A	N/A	0.08	N/A	N/A N/A	LIM	LIM	LIM	LIM	√ √	0.21	N/A	N/A N/A	N/A	N/A N/A	
4/L1	N/.		N/A	N/A	0.07	N/A	N/A	LIM	LIM	LIM	LIM	✓ ✓	0.20	N/A	N/A	N/A	N/A	
4/L2	N/.		N/A	N/A	0.07	N/A	N/A	LIM	LIM	LIM	LIM	1	0.20	N/A	N/A	N/A	N/A	
4/L3 5/L1	N/2		N/A N/A	N/A N/A	0.05 LIM	N/A LIM	N/A N/A	LIM	LIM >999	LIM	LIM 250	1	0.18 LIM	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
5/L1	N/2		N/A N/A	N/A	0.06	N/A	N/A N/A		>999 LIM	LIM	LIM	√ √	0.19	N/A	N/A N/A	N/A	N/A	
5/L3	N/.		N/A	N/A	0.06	N/A	N/A	LIM	LIM	LIM	LIM	✓ ✓	0.19	N/A	N/A	N/A	N/A	
6/L1	N/.		N/A	N/A	0.03	N/A	N/A	LIM	LIM	LIM	LIM	1	0.16	N/A	N/A	N/A	N/A	
6/L2	N/		N/A	N/A	0.03	N/A	N/A	LIM	LIM	LIM	LIM	1	0.16	N/A	N/A	N/A	N/A	
6/L3 7/L1	N//		N/A N/A	N/A N/A	0.04	N/A N/A	N/A N/A	LIM	LIM	LIM	LIM	√ √	0.17	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
7/L2	N/A		N/A	N/A	0.05	N/A	N/A N/A	LIM	LIM	LIM	LIM	✓ ✓	0.18	N/A	N/A	N/A	N/A	
7/L3	N/.		N/A	N/A	0.07	N/A	N/A	LIM	LIM	LIM	LIM	1	0.20	N/A	N/A	N/A	N/A	
8/TP	N/.	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

Γ				Circ	uit De	etails							E	PF St Electrical	PTS REMIER TECH ERVICES G Services	
Refer	ence Number	ESEITT	C10024859_3			PTSG Jol	b Ref	ESEI	T16548							
		8/HTG/01				DB Loc	cation	Grour	nd Floor	Plantroom						
Dist	ribution Board Comments		DB Reference	Circuit Numb	er											
N//	Ą	Supply From	DB B	12/TP		Over Current D	evice	60947	7	MCCB		RCD Op	erating C	urrent N/	A mA	
		Board Manufactu	rer Hager			Device R	Rating	200	A R	CD Time Dela	y N/A	RCD Opera	iting time	at l∆n N/	'A ms	
Circuit Number	Circuit Description	Circuit	Category	Number of Points Served	Disconnection Time (seconds)	Devices BS (EN)	Device Type		Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method	Live csa (mm²)	cpc csa (mm²)
1/L1	Heating 205-206		Circuit	4	0.4	60898	В		32	10	N/A	1.3656	A	В	4	1.5
1/L2 1/L3	Heating 201-204 Heating 209-212		Circuit	6	0.4	60898 60898	B		32 32	10	N/A N/A	1.3656	A A	B	4	1.5
2/L1	Heating 209-212 Heating 213-216		Circuit Circuit	4	0.4	60898	B		32	10	N/A	1.3656	A	B	4	1.5 1.5
2/L1 2/L2	Heating 217-220		Circuit	4	0.4	60898	B		32	10	N/A	1.3656	A	B	4	1.5
2/L2 2/L3	Heating 221-224		Circuit	4	0.4	60898	B		32	10	N/A	1.3656	A	B	4	1.5
3/TP	Spare	N/A	Unoun	N/A	N/A	N/A	D		N/A		N/A	N/A	N/A	N/A	N/A	N/A
4/L1	Overdoor Heater		Circuit	1	0.4	60898	B		32	10	N/A	1.3656	A	B	4	1.5
4/L2	Heating 101-104		Circuit	4	0.4	60898	B		32	10	N/A	1.3656	A	B	4	1.5
4/L3	Heating 105-108		Circuit	4	0.4	60898	B		32	10	N/A	1.3656	A	B	4	1.5
5/L1	Heating 109,112	Radia	Circuit	4	0.4	60898	В		32	10	N/A	1.3656	Α	В	4	1.5
5/L2	Heating 113,116	Circuit	4	0.4	60898	В		32	10	N/A	1.3656	А	В	4	1.5	
5/L3	Heating 117,120	Radia	Circuit	4	0.4	60898	В		32	10	N/A	1.3656	А	В	4	1.5
6/TP	Spare	N/A		N/A	N/A	N/A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Types of Wiring	g: A. PVC/PVC Cables	 B. PVC Cables in metalli conduit 	 C. PVC Cables in non- metallic conduit 	D. PVC C trucking	ables in metallic	E. PVC Cables in non- metallic trucking	F. PVC	C/SWA Ca	ables	G. XLPE/SWA cab		neral Insulated Cable			O. Other	
Installation me	thods A. In conduit in thermally insulated wall	B. In conduit on a wall or trucking	n C. Clipped direct	D. Direct b or conduit	ouried or in ductir in ground	ng E&F. In free air or on cabl tray or ladder touching	le G. In fr	ree air or c	on cable	100. Twin and Earth plasterboard ceiling insulation <100mm	, plaste	win and Earth above rboard ceiling, tion >100mm		and Earth within tud wall, touching	103. Twin and insulated study touching inner	wall, not

						-	Test I	Resul	lts								PREMIER TECHNICAL SERVICES GROUP Electrical Services Ltd
Refe	rence Numb	ber		ESEITT	C1002485	59_3			I	PTSG Job	Ref	ESEI	Г16548				
DB	Reference	DB -B	/HTG/01							DB Loo	cation	Groun	d Floor Plan	troom			
Det	ails of circuits	and/or installe	ed equipment v	ulnerable t	o damage v	vhen testing	I							Test	ed By		
										I	Name	Niall F	ensome			Date	e 27/02/2023
			control gear;Cire all plugs.;Circui					iere				-					
								_		Sigr	ature	Ŵ					
	Test Instrume	ent Serial Nurr	nber Fluk	e 1653B -	3224058							194					
								Distribut	ion Board	Characte	ristics						
Zs	0.10	Ω Ν	ominal Voltage	230	v	Polarity	/ /		lpf	4.8	ŀ	κA	No of Phas	ses 3			Phase Rotation
20	0.110		ormital Foliago	200		. elanty	•		.p.	110	_						
	Ring fin	al circuit conti	nuity (Ω)	Contin	uity (Ω)		Insulati	on Resista	nce (MΩ)					RCD			
Circuit Number	r1 (line)	rn (neutral)	r2 (cpc)	R1 + R2	R2	Line-Line	Line-Neutral	Line-Earth	Neutral-Earth	Test Voltage	Polarity	Measured Zs (Ω)	@l∆n (ms)	@5l∆n (ms)	Test Button Operation	AFDD Test Button Operation	Circuit Comments
1/L1 1/L2	N/A N/A	N/A N/A	N/A N/A	0.50 0.58	N/A N/A	N/A N/A	LIM	>999 >999	LIM	250 250	1	0.60 0.68	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
1/L2 1/L3	N/A N/A	N/A N/A	N/A N/A	0.58	N/A N/A	N/A N/A	LIM	>999	LIM	250	√ √	0.68	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
2/L1	N/A	N/A	N/A	0.60	N/A	N/A	LIM	>999	LIM	250	✓ ✓	0.70	N/A	N/A	N/A	N/A	
2/L2 2/L3	N/A N/A	N/A N/A	N/A N/A	0.59 0.74	N/A N/A	N/A N/A	LIM LIM	>999 >999	LIM	250 250	✓ ✓	0.69 0.84	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
2/L3 3/TP	N/A N/A	N/A N/A	N/A N/A	0.74 N/A	N/A N/A	N/A N/A	N/A	>999 N/A	N/A	250 N/A	√ N/A	0.84 N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
4/L1	N/A	N/A	N/A	LIM	LIM	N/A	LIM	>999	LIM	250	✓	LIM	N/A	N/A	N/A	N/A	
4/L2	N/A	N/A	N/A	0.35	N/A	N/A	LIM	>999	LIM	250	1	0.45	N/A	N/A	N/A	N/A	
4/L3 5/L1	N/A N/A	N/A N/A	N/A N/A	0.31 0.26	N/A N/A	N/A N/A	LIM	>999 >999	LIM	250 250	\checkmark	0.41	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
5/L1 5/L2	N/A N/A	N/A N/A	N/A N/A	0.26	N/A N/A	N/A N/A	LIM	>999	LIM	250	√ √	0.36	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
5/L3	N/A	N/A	N/A	0.26	N/A	N/A	LIM	>999	LIM	250	✓ ✓	0.36	N/A	N/A	N/A	N/A	
6/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

					Circ	uit De	tails							E	PF SI Electrical	REMIER TECH ERVICES G Services	
Refer	ence Number	ES	SEITTC10	024859_4			PTSG Jol	b Ref	ESEI	T16548							
Dist	DB Reference DB Co	ommon Roor	n	DB Reference	Circuit Numb	er	DB Loc	ation	Comr	non Ro	om						
N//	٩	Supply	From	DB-B/LL/01	10/L1		Over Current D	evice	60898	3	С		RCD Op	erating C	urrent N	A mA	
		Board Man	ufacturer	Hager			Device R	ating	63	A R	CD Time Dela	y N/A	RCD Opera	iting time	at l∆n N/	'A ms	
Circuit Number	Circuit Description		Circuit Cat	egory	Number of Points Served	Disconnection Time (seconds)	Devices BS (EN)	Device Type		Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method	Live csa (mm²)	cpc csa (mm²)
1/L1	Dado Ring Main		Ring Final		4	0.4	60898	В		32	10	30mA	1.3656	A	В	2.5	1.5
2/L1 3/L1	Common Room Ring Mair Aircon Unit	1	Ring Final Radial Circ		5	0.4	60898 60898	B		32	10	30mA 30mA	1.3656 2.185	A	B	2.5	1.5 4
3/L1 4/L1	Door Entry		Radial Circ		1	0.4	60898	B		20	10	30mA	2.185	 А	102	2.5	1.5
5/L1	Lighting Common Room		Radial Circ		9	0.4	60898	B	·	6	10	30mA	7.2833	A	102	1.5	1.0
6/L1	Loosmy Unit Spur		Radial Circ		1	0.4	60898	B		16	10	30mA	2.7312	A	102	2.5	1.5
7/L1	Spare		N/A		N/A	N/A	N/A	N/.	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/L1	Spare		N/A		N/A	N/A	N/A	N/.		N/A		N/A	N/A	N/A	N/A	N/A	N/A
9/L1	Spare		N/A		N/A	N/A	N/A	N/.		N/A		N/A	N/A	N/A	N/A	N/A	N/A
10/L1	Spare		N/A N/A		N/A	N/A	N/A	N/.		N/A		N/A	N/A	N/A	N/A	N/A	N/A
11/L1	Spare		N/A	N/A	N/A	N/.		N/A		N/A	N/A	N/A	N/A	N/A	N/A		
12/L1	Spare			N/A	N/A	N/A	N/.		N/A		N/A	N/A	N/A	N/A	N/A	N/A	
13/L1 14/L1	Spare Spare		N/A N/A		N/A N/A	N/A N/A	N/A N/A	N/.		N/A		N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
Types of Wiring	•	B. PVC Cables conduit	C. PVC Cables in non- metallic conduit		ables in metallic	E. PVC Cables in non- metallic trucking		A 'C/SWA Ca		G. XLPE/SWA cab		ineral Insulated Cables		IN/A	O. Other	IN/A	
Installation me		Conduit B. In conduit on trucking		netallic conduit		uried or in ducting		e G. In f	free air or c	on cable	100. Twin and Earth plasterboard ceiling insulation <100mm	, plaste	Twin and Earth above erboard ceiling, ation >100mm		and Earth within tud wall, touching	103. Twin and insulated stud touching inner	wall, not

						Т	est l	Result	ts								PTSG PREMIER TECHNICAL SERVICES GROUP Electrical Services Ltd
Refer	ence Numb	er		ESEITT	C100248	59_4		_	F	PTSG Job	Ref	ESEIT	Г16548				
	Reference		ommon Room							DB Loo	cation	Comm	on Room				
Deta	ails of circuits	and/or install	ed equipment v	ulnerable t	o damage v	when testing						_		Test	ted By		
Circ	cuits with conn	ected lamps/	control gear;Ci	rcuits with a	appliances r	pluaaed in to	outlets wh	ere		I	Name	Niall Fe	ensome			Date	27/02/2023
dee		al to remove	all plugs.;Circu		inected fixe			_		Sigr	ature	jŴ					
	restinistrume			Ke 1000D -	3224030					.							
				_			_	Distributio	on Board	Characte							
Zs	0.16	Ω Ν	ominal Voltage	230	v	Polarity	√		lpf	1.5	ŀ	άA	No of Pha	ses 1			Phase Rotation N/A
	Ding fin	al circuit conti	in uity (O)	Contin	uity (O)		Inculati	on Resistan	aa (MO)					RCD			
Circuit Number	(a) (a) (iii)) (iii) (iii)) (ii)) (ii))) (ii))) (ii)) (ii))) (ii))((ii)))((ii))(((uentral) (uentral) Uu 0.15	(2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	23 + 4 0.10	있 있 N/A	A/X Line-Line	Line-Neutral	Line H H H H H H H H H H H H H H H H H H H	Neutral-Earth	Test Voltage	 Polarity 	0 87 Ω)	(sm) n∆l@ 32	(sm) (ms) 12	 Test Button Operation 	Z AFDD Test Button P Operation	Circuit Comments
2/L1 3/L1	0.33 N/A	0.33 N/A	0.60 N/A	0.24	N/A N/A	N/A N/A	LIM	>999 >999	LIM	250	1	0.38 0.36	35	12 12	1	N/A N/A	
3/L1 4/L1	N/A	N/A N/A	N/A N/A	LIM	LIM	N/A N/A	LIM	>999	LIM	250 250	√ √	LIM	35 35	12	\ \	N/A	Unable to test circuit due due to lack of access to test circuit.
5/L1	N/A	N/A	N/A	0.63	N/A	N/A	LIM	>999	LIM	250	1	0.79	35	12	1	N/A	
6/L1	N/A	N/A	N/A	LIM	LIM	N/A	LIM	>999	LIM	250	1	LIM	35	12	1	N/A	Unable to test circuit due due to lack of access to test circuit.
7/L1 8/L1 9/L1	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	
10/L1 11/L1	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
12/L1 13/L1	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	

					Circ	uit De	etails							Ē	-	PREMIER TE SERVICES	
Re	eference Number		ESEITTC100	24859_5			PTSG Jo	ob Ref	ESEIT	Г16548							
	DB Reference DB	3 DB-B/LL/01					DB Lo	cation	Grour	nd Floor N	/lain Plantroor	n					
	Distribution Board Comments			DB Reference	Circuit Numb	er											
	N/A	Supp	ly From	DB PB-B	1/TP		Over Current I	Device	60947	7	МССВ		RCD O	perating C	Current	N/A m	A
		Board Ma	anufacturer	Hager			Device	Rating	100	A RCI	D Time Delay	N/A	RCD Oper	ating time	at l∆n _ I	N/A m	s
Circuit Number	Circuit Description		Circuit Cate		Number of Points Served	Disconnection Time (seconds)	Devices BS (EN)		Device Type	Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method	Live csa (mm²)	cpc csa (mm²)
1/L1 1/L2	Lighting GF Stairs Lighting GF 24 HRS		Radial Circ Radial Circ		4	0.4	60898 60898		C C	10 10	10	N/A N/A	2.185 2.185	A	B	1.5	1
1/L2	Sockets GF Lobby		Radial Circ		3	0.4	61009		0 0	32	10	30	0.6828	A	B	2.5	1.5
2/L1 2/L2 2/L3	Lighting Entrance Cor Lighting 24HR Entrance Lighting Corridor 105.	ce Corridor	Radial Circ Radial Circ Radial Circ	uit uit	6 4 6	0.4 0.4 0.4	60898 60898 60898	(10 10 10	10 10 10	N/A N/A N/A	2.185 2.185 2.185	A A A	B B B	1.5 1.5 1.5	1 1 1
3/L1	Front Door Open Sput		Radial Circ		1	0.4	60898		0 0	16	10	N/A	1.3656	A	B	2.5	1.5
3/L2	Unused		N/A		N/A	0.4	60898		0	16	10	N/A	1.3656	N/A	N/A	N/A	N/A
3/L3	Sockets Entrance Cor		Radial Circ		3	0.4	61009		0	32	10	30	0.6828	Α	В	2.5	1.5
4/L1	Lighting 1st Floor Rise		Radial Circ		6	0.4	60898		0	10	10	N/A	2.185	A	B	1.5	1
4/L2 4/L3	Lighting 1st Floor 24 H Sockets 1st Floor Corr		Radial Circ Radial Circ		4	0.4	60898 61009		C C	10 32	10	N/A 30	2.185 0.6828	A	B	1.5 2.5	1
4/L3 5/L1	Lighting 1st Floor Stai		Radial Circ		4	0.4	60898		0 0	10	10	 N/A	2.185	A	B	1.5	1.5
5/L2	Sockets 2nd Floor Co		Radial Circ		4	0.4	60898		0	16	10	N/A	1.3656	A	B	2.5	1.5
5/L2	Lighting GF Plantroom		Radial Circ		6	0.4	60898		0 C	6	10	N/A	3.6416	A	B	1.5	1.5
6/L0	Lighting 2nd Floor Ris		Radial Circ		6	0.4	60898		0 0	6	10	N/A	3.6416	A	B	1.5	1
6/L2	Lighting 2nd Floor 24		Radial Circ		4	0.4	60898		0	10	10	N/A	2.185	A	B	1.5	1
6/L3	Lighting 2nd Floor Sta		Radial Circ		4	0.4	60898		0	10	10	N/A	2.185	A	B	1.5	1
7/L1	Sockets Comms		Radial Circ	uit	1	0.4	60898	(0	16	10	N/A	1.3656	F	В	2.5	2.5
7/L2	ADV Supply		Radial Circ	uit	2	0.4	60898	(0	16	10	N/A	1.3656	F	В	2.5	2.5
7/L3	Spare		N/A		N/A	N/A	N/A	N	/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8/TP	Spare		N/A		N/A	N/A	N/A	N	/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9/TP	Sub Main DB External	Lights	Sub Main		1	5	60898		0	63	10	N/A	0.3468	D	В	25	25
10/L1	Sub Main DB Commo		Sub Main		1	5	60898		0	63	10	N/A	0.3468	D	В	25	25
10/L2	Door Access		Radial Circ	uit	3	0.4	60898	(0	16	10	N/A	1.3656	0	В	1.5	1.5
10/L3	Door Access		Radial Circ	uit	1	0.4	60898	(0	16	10	N/A	1.3656	0	В	1.5	1.5
11/L1	Door Access		Radial Circ	uit	3	0.4	60898	(0	16	10	N/A	1.3656	0	В	1.5	1.5
11/L2	Spare		N/A		N/A	N/A	N/A	N	/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11/L3	Spare		N/A		N/A	N/A	N/A	N		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/TP			N/A		N/A	N/A	N/A	N	/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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				Circ	uit De									Electrical	EMIER TECH REVICES G Services	
Refer	ence Number	ESEITTC10	024859_5			PTSG Jo	ob Ref	ESEIT	16548							
	DB Reference DB D	B-B/LL/01				DB Lo	cation	Groun	d Floor	r Main Plantroc	m					
Dist	ribution Board Comments		DB Reference	Circuit Numbe	er											
N/A	N Contraction of the second se	Supply From	DB PB-B	1/TP		Over Current E	Device	60947	,	MCCB		RCD Op	erating (Current N/	A mA	
													0		- 10	
		Board Manufacturer	Hager			Device F	Rating	100	A R	CD Time Delay	/ N/A	RCD Opera	ting time	at l∆n N/.	A ms	
Circuit Number	Circuit Description	Circuit Cat	egory	Number of Points Served	Disconnection Time (seconds)	Devices BS (EN)	H	Device Type	Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method	Live csa (mm²)	cpc csa (mm²)
13/TP	Spare	N/A		N/A	N/A	N/A		I/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
14/TP	Spare	N/A		N/A	N/A	N/A		I/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
15/TP 16/TP	Spare	N/A N/A		N/A N/A	N/A N/A	N/A N/A		I/A I/A	N/A		N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
	Spare		C. PVC Cables in non-		IN/A ables in metallic	IN/A E. PVC Cables in non-								IN/A	N/A	IN/A
Types of Wiring	A in conduit in thermally	conduit	metallic conduit C. Clipped direct	trucking	uried or in ducting	metallic trucking	bla	VC/SWA Cal		G. XLPE/SWA cable 100. Twin and Earth plasterboard ceiling, insulation <100mm	above 101. plaste	ineral Insulated Cables Twin and Earth above erboard ceiling, ation >100mm	102. Twin	and Earth within stud wall, touching	O. Other 103. Twin and insulated study touching inner	wall, not

						т	est I	Resul	ts								PTSG PREMIER TECHNICAL SERVICES GROUP Electrical Services Ltd
Refe	erence Num	ber		ESEITT	C100248	59_5			F	PTSG Job	Ref	ESEIT	T16548				
DE	8 Reference	DB D	B-B/LL/01							DB Loo	ation	Ground	d Floor Main	Plantroom			
De	tails of circuits	and/or install	ed equipmer	nt vulnerable to	o damage v	when testing								Test	ed By		
											Name	Niall F	ensome			Date	27/02/2023
	b main circuits	s with connect	ed distributio	n boards and	associated	final circuits a	and					_					
								_		Sigr	ature	Ŵ					
	Test Instrume	ent Serial Nun	nber F	luke 1653B -	3224058							lat.					
								Distributi	on Board	Characte	ristics						
					-			Distributio									
Zs	0.11	Ω Ν	ominal Volta	ge 230	v	Polarity	1		lpf	4.4	k	κA	No of Pha	ses 3			Phase Rotation 🗸
	Ring fir	nal circuit cont	inuity (0)	Continu	uity (O)		Insulati	on Resistan	ice (MO)					RCD			
			···						()							tton	
Circuit Number	r1 (line)	rn (neutral)	r2 (cpc)	R1 + R2	R2	Line-Line	Line-Neutral	Line-Earth	Neutral-Earth	Test Voltage	Polarity	Measured Zs (Ω)	@l∆n (ms)	@5l∆n (ms)	Test Button Operation	AFDD Test Button Operation	Circuit Comments
1/L1	N/A	N/A	N/A	0.51	N/A	N/A	LIM	>999	LIM	250	1	0.62	N/A	N/A	N/A	N/A	
1/L2 1/L3	N/A N/A	N/A N/A	N/A N/A	0.54	N/A N/A	N/A N/A	LIM	>999 >999	LIM	250 250	√ √	0.65	N/A 18	N/A 18	N/A ✓	N/A N/A	
2/L1	N/A	N/A	N/A	LIM	LIM	N/A	LIM	>999	LIM	250	1	LIM	N/A	N/A	N/A	N/A	
2/L2 2/L3	N/A N/A	N/A N/A	N/A N/A	0.53	N/A N/A	N/A N/A	LIM	>999 >999	LIM	250 250	√ √	0.64	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
3/L1	N/A	N/A	N/A	LIM	LIM	N/A	LIM	>999	LIM	250	✓ ✓	LIM	N/A	N/A	N/A	N/A	Unable to test circuit due due to lack of access to test circuit.
3/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
3/L3 4/L1	N/A N/A	N/A N/A	N/A N/A	0.69	N/A N/A	N/A N/A	LIM	>999 >999	LIM	250 250	√ √	0.80	21 N/A	18 N/A	✓ N/A	N/A N/A	
4/L2	N/A	N/A	N/A	0.00	N/A	N/A	LIM	>999	LIM	250	✓ ✓	0.83	N/A	N/A	N/A	N/A	
4/L3	N/A	N/A	N/A	0.29	N/A	N/A	LIM	>999	LIM	250	1	0.40	18	28	N/A	N/A	
5/L1 5/L2	N/A N/A	N/A N/A	N/A N/A	0.64	N/A N/A	N/A N/A	LIM	>999 >999	LIM	250 250	√ √	0.75 0.68	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
5/L2	N/A	N/A	N/A	0.30	N/A	N/A	LIM	>999	LIM	250	✓ ✓	0.41	N/A	N/A	N/A	N/A	
6/L1	N/A	N/A	N/A	0.83	N/A	N/A	LIM	>999	LIM	250	1	0.94	N/A	N/A	N/A	N/A	
6/L2 6/L3	N/A N/A	N/A N/A	N/A N/A	0.53	N/A N/A	N/A N/A	LIM	>999 >999	LIM	250 250	\checkmark	0.64	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
7/L1	N/A	N/A	N/A	0.23	N/A	N/A	LIM	>999	LIM	250	✓ ✓	0.34	N/A	N/A	N/A	N/A	
7/L2	N/A	N/A	N/A	0.23	N/A	N/A	LIM	>999	LIM	250	1	0.34	N/A	N/A	N/A	N/A	
7/L3 8/TP	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
9/TP	N/A N/A	N/A N/A	N/A	0.01	N/A	LIM	LIM	LIM	LIM	LIM	IN/A ✓	0.12	N/A	N/A N/A	N/A N/A	N/A	
10/L1	N/A	N/A	N/A	0.05	N/A	N/A	LIM	LIM	LIM	LIM	1	0.16	N/A	N/A	N/A	N/A	

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						т	est R	esul	ts								PERMIER TECHNICAL SERVICES GROUP Electrical Services Ltd
Refer	rence Numb	er		ESEITT	C100248	59_5			F	PTSG Job	Ref	ESEI	T16548				
	Reference		B-B/LL/01							DB Loo	cation	Ground	d Floor Main				
Det	tails of circuits	and/or install	ed equipment v	/ulnerable t	o damage v	when testing		-			Name	Niall F	ensome	Test	ted By	Date	27/02/2023
	b main circuits cessories	with connect	ed distribution I	boards and	associated	final circuits	and					That I				Date	
			_					-8		Sigr	ature	Ŵ					
	Signature																
	Signature Test Instrument Serial Number Fluke 1653B - 3224058 Distribution Board Characteristics																
Zs	0.11	Ω Ν	ominal Voltage	230	v	Polarity	✓		lpf	4.4	k	κA	No of Pha	ses 3			Phase Rotation 🗸
	Ring fina	al circuit cont	inuity (Ω)	Contin	uity (Ω)		Insulation	Resistan	ice (MΩ)					RCD			
Circuit Number	r1 (line)	rn (neutral)	r2 (cpc)	R1 + R2	R2	Line-Line	Line-Neutral	Line-Earth	Neutral-Earth	Test Voltage	Polarity	Measured Zs (Ω)	@l∆n (ms)	@5l∆n (ms)	Test Button Operation	AFDD Test Button Operation	Circuit Comments
10/L2 10/L3	N/A N/A	N/A N/A	N/A N/A	0.39 0.54	N/A N/A	N/A N/A	LIM	>999 >999	LIM	250 250	1	0.50 0.65	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
	IN/A				N/A	N/A N/A	LIM	>999	LIM	250	✓ ✓	0.65	N/A	N/A N/A	N/A N/A	N/A	
10/L3	N/A	N/A	N/A	0.51	IN/A	1.0/1			-								
11/L1 11/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11/L1 11/L2 11/L3	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11/L1 11/L2	N/A	N/A	N/A	N/A	N/A	N/A										1	
11/L1 11/L2 11/L3 12/TP	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	

						Circ	uit De	tails								Electrical	REMIER TEC ERVICES C Service	
Refer	ence Nu	mber	E	SEITTC10	024859_6			PTSG Job	Ref	ESEIT	16548							
	DB Refe	erence DB E	xternal Lights	5				DB Loca	ation	Groun	d Floor	r Main Plantroo	m					
Dist	tribution Boa	ard Comments			DB Reference	Circuit Numb	er											
N/A	A		Supply	From	DB -B/LL/01	9/TP		Over Current De	evice	60898		С		RCD Op	erating C	Current N	'A mA	.
			Board Mar	nufacturer	Hager			Device Ra	ating	63	A R	CD Time Dela	y N/A	RCD Opera	ting time	at l∆n N	'A ms	;
Circuit Number	Circuit D	escription		Circuit Cat	egory	Number of Points Served	Disconnection Time (seconds)	Devices BS (EN)	+ - (Device Lype	Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method	Live csa (mm²)	cpc csa (mm²)
1/L1	Unable t	o verify		Radial Circ	uit	LIM	0.4	60898		C	6	10	N/A	3.6416	Ā	B	1.5	1
1/L2	Unable t			Radial Circ		LIM	0.4	60898		0	6	10	N/A	3.6416	А	В	1.5	1
1/L3	Unable t			Radial Circ		LIM	0.4	60898		0	6	10	N/A	3.6416	<u>A</u>	B	1.5	1
2/L1 2/L2	Lighting			Radial Circ Radial Circ		2	0.4	60898 60898		C C	6	10	N/A	3.6416 3.6416	A A	B	1.5 1.5	1
2/L2 2/L3	Spare	Timeclock		N/A	uit	N/A	0.4 N/A	60898 N/A		/A	N/A		N/A	3.6416 N/A	A N/A	N/A	1.5 N/A	N/
3/L1	Unused			N/A		N/A	0.4	60898			16	10	N/A	1.3656	N/A	N/A	N/A	N/
3/L2	Spare			N/A		N/A	N/A	N/A		/A	N/A		N/A	N/A	N/A	N/A	N/A	N/
3/L3	Spare N/A					N/A	N/A	N/A	N	/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N//
4/TP	Spare			N/A		N/A	N/A	N/A	N	/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N//
es of Wiring allation met	thods ^{A.}	PVC/PVC Cables In conduit in thermally sulated wall	 B. PVC Cables conduit B. In conduit or trucking 	n o well or in	 PVC Cables in non- netallic conduit Clipped direct 	trucking	ables in metallic uried or in ducting in ground	E. PVC Cables in non- metallic trucking E&F. In free air or on cable tray or ladder touching	,	VC/SWA Cab		G. XLPE/SWA cable 100. Twin and Earth plasterboard ceiling, insulation <100mm	above -	Mineral Insulated Cables 01. Twin and Earth above lasterboard ceiling, nsulation >100mm	102. Twin	and Earth within stud wall, touching	O. Other 103. Twin and insulated stud touching inner	wall, not

L							Test I	Resul	ts								PTSG PREMIER TECHNICAL SERVICES GROUP Electrical Services Ltd
Refer	ence Numb	ber		ESEITT	C100248	59_6			1	PTSG Job	Ref	ESEI	T16548				
DB	Reference	DB Ex	ternal Lights							DB Loo	cation	Groun	d Floor Mair	Plantroom			
Deta	ails of circuits	and/or installe	ed equipment	vulnerable t	o damage v	vhen testing	3							Test	ed By		
										1	Name	Niall F	ensome			Date	e 27/02/2023
		nected lamps/o		ıke 1653B -	3224058			-		Sigr	ature	jŴ					
								Distributi	on Board	Characte	ristics						
Zs ().12	Ω Να	ominal Voltage	e 230	v	Polarit	y 🗸		lpf	4.0	ł	κA	No of Pha	ses 1			Phase Rotation N/A
	Ring fin	al circuit conti	nuity (Ω)	Contin	uity (Ω)		Insulati	on Resistan	nce (MΩ)					RCD			
Circuit Number	V∕\ V/((line)	∀∕N m (neutral)	V/N r2 (cpc)	MT R1 + R2	MI MI	Line-Line V/V	⊑ Z Line-Neutral	Pine-Earth 666	⊠ Neutral-Earth	Test Voltage	Polarity	T Measured Zs Ξ (Ω)	(sm) n∆l@/∀	≷@5l∆n (ms)	Z Test Button V Operation	AFDD Test Button Operation	Circuit Comments
1/L1 1/L2	N/A	N/A N/A	N/A N/A	LIM	LIM	N/A	LIM	>999	LIM	250	√ √	LIM	N/A	N/A N/A	N/A N/A	N/A N/A	
1/L3	N/A	N/A	N/A	LIM	LIM	N/A	LIM	>999	LIM	250	1	LIM	N/A	N/A	N/A	N/A	
2/L1	N/A	N/A	N/A	LIM	LIM	N/A	LIM	>999	LIM	250	1	LIM	N/A	N/A	N/A	N/A	Unable to test circuit due due to lack of access to test circuit.
2/L2	N/A	N/A	N/A	0.05	N/A	N/A	LIM	>999	LIM	250	1	0.17	N/A	N/A	N/A	N/A	
2/L3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
3/L1 3/L2	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
3/L2 3/L3	N/A	N/A	N/A N/A	N/A N/A	N/A	N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A	N/A N/A	N/A N/A	N/A	
4/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

L						Circ	uit De	etails							E	-	PREMIER TE SERVICES	
Refe	erence Number		ES	SEITTC10	024859 7			PTSG J	ob Ref	ESEI	Г16548							
nore			_,	52111010	021000_1			11000		LOLI								
	DB Reference	DB L	aundry					DB Lo	ocation	Laund	lry Riser							
Di	stribution Board Comme	ents			DB Reference	Circuit Numb	er											
N	/Α		Supply	From	DB PB-A	9/TP		Over Current	Device	60947	7	МССВ	_	RCD O	perating C	Current	N/A m.	Ą
			Board Man	nufacturer	Hager			Device	Rating	100	A RCD	Time Delay	y N/A	RCD Oper	ating time	at l∆n l	N/A m	S
aquumy timosi 1/L1 1/L2 1/L3 2/L1 2/L2 2/L3 3/L1 3/L2 3/L3 3/L1 3/L2 3/L3 5/L1 5/L2 5/L3 6/TP 7/L1 7/L2	Circuit Description Stack Dryer 1 Stack Dryer 2 Stack Dryer 3 Single Dryer Unused CVA Unused Unused Unused Unused Unused Unused Unused Unused Unused Spare Stack Washer 1 Stack Washer 2	n		Circuit Cat Radial Circ Radial Circ Radial Circ N/A Radial Circ N/A N/A Sub Main N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	cuit	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Line (secondering) Line (Image: Constraint of the system Image: Constraint of the system	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	adá againe again again againe again ag again again again	(V) (V) (V) (V) (V) (V) (V) (V) (V) (V)	Device Breaking 0 Device Breaking 0 Device Breaking 0 10 10 10 10 10 10 10 10 10 10 10 10 10 1	AVA AVA AVA AVA AVA AVA AVA AVA AVA AVA	Deptimula Landon Constraints Deptimula Landon Constraints Deptimula Dept	A A A A A A A A A A A A A A A A A A A	B B B N/A B A/A A N/A A N/A A N/A A N/A A N/A A N/A B B B B	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	(() () () () () () () () () ()
7/L3 8/L1 8/L2 8/L3	Stack Washer 3 Single Washer Unused Unused			Radial Circ Radial Circ N/A N/A		1 1 N/A N/A	0.4 0.4 0.4 0.4	60898 60898 60898 60898	E	3 3 3 3	32 32 10 20	10 10 10 10	N/A N/A N/A N/A	1.3656 1.3656 4.37 2.185	A A N/A N/A	B B N/A N/A	4 4 N/A N/A	1.5 1.5 N/A N/A
9/L1 9/L2 9/L3 10/L1 10/L2	Unused Unused Unused Unused Unused			N/A N/A N/A N/A N/A		N/A N/A N/A N/A N/A	0.4 0.4 0.4 0.4 0.4 0.4	60898 60898 60898 60898 60898 60898	E E E E	3 3 3 3 3 3	16 16 16 16 16 16	10 10 10 10 10 10	N/A N/A N/A N/A N/A	2.7312 2.7312 2.7312 2.7312 2.7312 2.7312 2.7312	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A
10/L3 11/L1 11/L2	Unused Unused Unused			N/A N/A N/A		N/A N/A N/A	0.4 0.4 0.4	60898 60898 60898	E	3 3 3	20 20 20	10 10 10	N/A N/A N/A	2.185 2.185 2.185	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A

					Circ	uit De	tails									PP SE Electrical	PTS REMIER TECC ERVICES G Services	
Refer	ence Number	ESE	EITTC100	24859_7			PTSG Jo	ob Ref	ESEIT	16548	3							
	DB Reference DB L	aundry					DBLO	cation	Laund	rv Ris	er							
		adriary					oution	Eduna	1910								_	
Disti	ribution Board Comments		Circuit Numb	er			_											
N/A	A	DB PB-A	9/TP		Over Current	Device	60947		N	ICCB		RCD Op	erating C	Current N/	A mA			
		Board Manu	facturer	Hager			Device	Rating	100	A F	RCD T	ime Delay	N/A	RCD Opera	ting time	at l∆n N/	A ms	
Circuit Number	Circuit Description		Circuit Cate	gory	Number of Points Served	Disconnection Time (seconds)	Devices BS (EN)		Device Type	Device Rating (A)		Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method	Live csa (mm²)	cpc csa (mm²)
11/L3	Unused		N/A		N/A	0.4	60898		В	16		10	N/A	2.7312	N/A	N/A	N/A	N/A
12/L1	Service Socket		Radial Circu		2	0.4	60898		B	16		10	N/A	2.7312	A	В	2.5	1.5
12/L2 12/L3			1	0.4	60898 60898		B B	10		10	N/A N/A	4.37 2.7312	A A	B	2.5 2.5	1.5 1.5		
				0.4 ables in metallic	E. PVC Cables in non-		-	1 -		10		-		P		1.5		
Types of Wiring Installation met	Iring: A. PVC/PVC Cables conduit tri methods A. In conduit in thermally B. In conduit on a wall or in C. Clipped direct D					uried or in ductir in ground	metallic trucking	blo	VC/SWA Cat		100. plaste	_PE/SWA cables Twin and Earth al erboard ceiling, ation <100mm	bove 101. plast	tineral Insulated Cables Twin and Earth above erboard ceiling, ation >100mm		and Earth within stud wall, touching	O. Other 103. Twin and insulated stud touching inner	wall, not

						T	est I	Resul	ts								PTSG PREMIER TECHNICAL SERVICES GROUP Electrical Services Ltd
Ref	erence Num	ber		ESEIT	C100248	59_7			I	PTSG Jol	Ref	ESEI	T16548				
								-									
	B Reference		aundry		_	_		_		DB Lo	cation	Laund	dry Riser				
D	etails of circuits	s and/or instal	lled equipm	ent vulnerable	to damage	when testing		-						Test	ed By		
S	ub main circuit	s with connec	ted distribu	tion boards and	lassociated	final circuits	and				Name	Niall F	ensome			Date	28/02/2023
a	cessories									Sigr	ature	. Ua					
	Test Instrum	ent Serial Nu	mber	Fluke 1653B -	3224058			-				N.					
	restination	ent Genarivu	mber	TILKE TOSSE	5224050			Distributio	on Board	Characte	ristics	-					
70	0.17	ΩΝ		ltage 230		Polority	_	Diotinguti				κA	No of Dhor	2			Phase Potetion
Zs	0.17	12 r	Nominal Vo	liage 230	V	Polarity	1		lpf	3.4	۴	(A	No of Phas	ses 3			Phase Rotation
	Ring fi	nal circuit con	tinuity (Ω)	Contin	uity (Ω)		Insulati	on Resistan	ice (MΩ)					RCD			
Circuit Number	r1 (line)	m (neutral)	r2 (cpc)	R1 + R2	R2	Line-Line	Line-Neutral	Line-Earth	Neutral-Earth	Test Voltage	Polarity	Measured Zs (Ω)	@l∆n (ms)	@5l∆n (ms)	Test Button Operation	AFDD Test Button Operation	Circuit Comments
1/L1 1/L2	N/A N/A	N/A N/A	N/A N/A	0.07	N/A N/A	N/A N/A	LIM LIM	>999 >999	LIM	250 250	1	0.24 0.25	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
1/L3	N/A	N/A	N/A	0.09	N/A	N/A	LIM	>999	LIM	250	√ √	0.26	N/A	N/A	N/A	N/A	
2/L1 2/L2	N/A N/A	N/A N/A	N/A N/A	0.10 N/A	N/A N/A	N/A N/A	LIM N/A	>999 N/A	LIM N/A	250 N/A	√ N/A	0.27 N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
2/L3	N/A	N/A	N/A	0.11	N/A	N/A	LIM	>999	LIM	250	1	0.28	N/A	N/A	N/A	N/A	
3/L1 3/L2	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
3/L3	N/A	N/A	N/A	0.02	N/A	N/A	LIM	>999	LIM	250	1	0.19	N/A	N/A	N/A	N/A	
4/L1 4/L2	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
4/L2	N/A	N/A	N/A	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
5/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
5/L2 5/L3	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
6/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
7/L1 7/L2	N/A N/A	N/A N/A	N/A N/A	0.08	N/A N/A	N/A N/A	LIM	>999 >999	LIM	250 250	<i>\</i>	0.25	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
7/L2	N/A	N/A	N/A	0.09	N/A	N/A	LIM	>999	LIM	250	√ √	0.20	N/A	N/A	N/A	N/A	
8/L1	N/A	N/A	N/A	0.12	N/A	N/A	LIM	>999	LIM	250	1	0.29	N/A	N/A	N/A	N/A	
8/L2 8/L3	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
9/L1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
9/L2 9/L3	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	

Page **26** of **43**

Refe	erence Numb	er		ESEITT	C100248		Test F	Result		PTSG Job	Ref	ESEIT	۲16548				Electrical S	VICES GROUP ervices Ltd
DE	3 Reference	DB La	undry							DB Loc	cation	Laundr	ry Riser					
De	etails of circuits a	and/or installe	ed equipment	vulnerable to	o damage v	when testing	J							Test	ted By			
											Name	Niall Fe	ensome			Date	28/02/2023	
	lb main circuits	with connecte	ed distribution	boards and	associated	final circuits	s and											
act	063501165									Sigr	ature	-54						_
								-				Ŵ						
	Test Instrume	nt Spript Num	ber Elu	ko 1653B -	3224058													
	Test Instrume	nt Serial Nurr	nber Flu	ike 1653B -	3224058			_				1						_
	Test Instrume	nt Serial Num	nber Flu	ike 1653B -	3224058			Distributio	on Board	Characte	ristics							
Zs	Test Instrumer		nber Flu ominal Voltage		3224058 v	Polarity		Distributio	on Board Ipf	Characte 3.4		٨	No of Pha	ses 3			Phase Rotation 🗸	
Zs	0.17	Ω Να	ominal Voltage			Polarity	/ ✓		lpf				No of Pha	ses 3		1	Phase Rotation 🧳	
Zs	0.17		ominal Voltage		v	Polarity	/ ✓	Distributio	lpf				No of Pha	ses 3 RCD		5	Phase Rotation 🧳	
Circuit Number sZ	0.17 Ring fina	Ω Να	ominal Voltage	230 Continu	ν Jity (Ω)	Polarity Polarity	/ ✓		lpf	3.4	•	κA	No of Pha (suu) uγ @		Test Button Operation	AFDD Test Button Operation	Phase Rotation 🖌	
Circuit Number 10/L1	0.17 Ring fina	Ω No al circuit conti ([e u N/A	ominal Voltage nuity (Ω)	230 Continu	ν uity (Ω)	Line-Line V/V	/ Jinsulation	on Resistan	pfl (ΩM) extra N/A	3.4	Polarity	γ V (Ω)	(sm) n∆l@l∆n	RCD (su) u⊽l3@ N∕A	Z Test Button	N/A		
Circuit Number Dircuit Number 10/L1 10/L2	0.17 Ring fina (eu) E N/A N/A	Ω No al circuit conti (reation u) U N/A N/A	ominal Voltage nuity (Ω) (2) (2) N/A N/A	230 Continu 22 + 22 N/A N/A	ν uity (Ω) N/A N/A	V/A V/A	Insulation Insulation N/A N/A	on Resistan	lpf ce (ΩM) ce (trai- urtai- Earth N/A N/A	3.4	V/A Polarity	A Measured Zs N/A N/A	(sm) n∆n@\/\ N/\A	RCD (sw) uvjg@ N/A N/A	N/A N/A	N/A N/A		
Circuit Number 10/L1	0.17 Ring fina	Ω No al circuit conti ([e u N/A	ominal Voltage nuity (Ω)	230 Continu	ν uity (Ω)	Line-Line V/V	/ Jinsulation	on Resistan	pfl (ΩM) extra N/A	3.4	Polarity	γ V (Ω)	(sm) n∆l@l∆n	RCD (su) u⊽l3@ N∕A	N/A	N/A		
Performance Circuit 10/L1 10/L2 10/L3 11/L1 11/L2	0.17 Ring fina e u N/A N/A N/A N/A N/A N/A	Ω No al circuit conti (interpretation u) E N/A N/A N/A N/A N/A N/A N/A	ominal Voltage nuity (Ω)	230 Continu X + X + X N/A N/A N/A N/A N/A	v uity (Ω) N/A N/A N/A N/A N/A N/A	AVA N/A N/A N/A N/A N/A	/ J Insulation Insulat	on Resistan	lpf ce (MΩ) ce (mΩ) unu N/A N/A N/A N/A N/A	3.4 abetion > 150 N/A = N/A N/A = N/A N/A = N/A	k k k k k k k k k k k k k k k k k k k	A Weasured Zs V/A N/A N/A N/A	(suu) uvī@ N/A N/A N/A N/A	RCD (suu) uyis ®A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A		
United States St	0.17 Ring fina egi E N/A N/A N/A N/A N/A N/A N/A	Ω No al circuit conti (putano u u N/A N/A N/A N/A N/A N/A N/A N/A	ominal Voltage nuity (Ω)	230 Continu 24 N/A N/A N/A N/A N/A N/A N/A	v Litty (Ω) N/A N/A N/A N/A N/A N/A N/A	euri N/A N/A N/A N/A N/A N/A N/A	/ J Insulation Insulat	on Resistan treu N/A N/A N/A N/A N/A N/A N/A N/A	hql (ΩM) ex ce (ΩM) ex ce (ΩM) ex scalar N/A N/A N/A N/A N/A N/A	3.4 about the set of	k N/A N/A N/A N/A N/A N/A	A A A A A A A A A A A A A A A A A A A	(suu) uvi@ N/A N/A N/A N/A	RCD (sm) uvis@ N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A		
Performance Circuit 10/L1 10/L2 10/L3 11/L1 11/L2	0.17 Ring fina e u N/A N/A N/A N/A N/A N/A	Ω No al circuit conti (interpretation u) E N/A N/A N/A N/A N/A N/A N/A	ominal Voltage nuity (Ω)	230 Continu X + X + X N/A N/A N/A N/A N/A	v uity (Ω) N/A N/A N/A N/A N/A N/A	AVA N/A N/A N/A N/A N/A	/ J Insulation Insulat	on Resistan	lpf ce (MΩ) ce (mΩ) unu N/A N/A N/A N/A N/A	3.4 abetion > 150 N/A = N/A N/A = N/A N/A = N/A	k k k k k k k k k k k k k k k k k k k	A Weasured Zs V/A N/A N/A N/A	(suu) uvī N/A N/A N/A N/A	RCD (suu) uyis ®A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A		

C						Circ	uit De	tails						Ē	PF SI Electrical	PTS REMIER TECH ER VICES G Services	
Refe	rence Number		E	SEITTC100)24859_8		-	PTSG Job	Ref ES	SEIT1654	3						
	DB Reference	DB PE	3-A					DB Loc	ation Au	ustin Grou	nd Floor Plantroo	om					
Dis	tribution Board Comme	nts			DB Reference	Circuit Numb	er										
N/	A		Supply	From	DB Main Panel	1/TP		Over Current De	evice 60)947	МССВ		RCD Op	erating C	Current N/	A mA	
			Board Mar	nufacturer	Hager			Device R	ating 40	00 A F	RCD Time Delay	N/A	RCD Opera	ting time	at l∆n N/	A ms	
Circuit Number	Circuit Description	1		Circuit Cate	egory	Number of Points Served	Disconnection Time (seconds)	Devices BS (EN)	Device Type	Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method	Live csa (mm²)	cpc csa (mm²)
1/TP	Landlords DB-A/L			Sub Main		1	5	60947	MCCB	10	0 18	N/A	0.2185	G	E&F	25	Mech
2/TP	Heating DB-A/HT			Sub Main		1	5	60947	MCCB	10		N/A	0.2185	G	E&F	25	Mech
3/TP	Heating DB-A/HT			Sub Main		1	5	60947	MCCB	10		N/A	0.2185	G	E&F	25	Mech
4/TP 5/TP	Landlords DB-A/L Apartment DB-A/A			Sub Main Sub Main		1	5	60947 60947	MCCB MCCB	10		N/A N/A	0.2185	G	E&F E&F	25 70	10 35
6/TP	Heating DB-A/HT			Sub Main		1	5	60947	MCCB	20		N/A	0.1092	G	E&F	70	35
7/TP	Lift	0,01		Radial Circ	uit	1	0.4	60947	MCCB	4		N/A	0.5462	G	E&F	10	Mech
8/TP	Laundry			Sub Main		1	5	60947	MCCB	6		N/A	0.3468	G	E&F	35	Mech
9/L1	Fire Alarm			Radial Circ	uit	1	0.4	60947	MCCB	1		N/A	1.3656	0	E&F	1.5	1.5
9/L2	Unused			N/A		N/A	0.4	60947	MCCB	10	6 18	N/A	1.3656	N/A	N/A	N/A	N/A
9/L3	Spare			N/A		N/A	N/A	N/A	N/A	N/		N/A	N/A	N/A	N/A	N/A	N/A
10/TP	Heating DB-A/HT			Sub Main		1	5	60947	MCCB	10		N/A	0.2185	G	E&F	25	Mech
11/TP	Apartment DB-A/A			Sub Main		1	5	60947	MCCB	20		N/A	0.1092	G	E&F	70	Mech
12/TP	Apartment DB-A/A	AP1/03		Sub Main		1	5	60947	MCCB	20	0 20	N/A	0.1092	G	E&F	70	Mech
Types of Wirin	 A In conduit in 		 B. PVC Cable conduit B. In conduit or trucking 	n a well ar in	 PVC Cables in non- netallic conduit Clipped direct 	trucking	ables in metallic uried or in ducting in ground	E. PVC Cables in non- metallic trucking E&F. In free air or on cabl tray or ladder touching	F. PVC/SW e G. In free a	VA Cables air or on cable	G. XLPE/SWA cables 100. Twin and Earth a plasterboard ceiling, insulation <100mm	bove 101. plast	ineral Insulated Cables Twin and Earth above erboard ceiling, ation >100mm	102. Twin	and Earth within tud wall, touching	O. Other 103. Twin and insulated stud touching inner	wall, not

							Test F	Resul	ts								PREMIER TECHNICAL SERVICES GROUP Electrical Services Ltd
Refer	ence Numb	er		ESEITT	C100248	59 8				PTSG Job	Ref	ESEIT	16548				
DB	Reference	DB PE	3-A							DB Loo	ation	Austin	Ground Floo	or Plantroor	n		
				ulparable t	a damaga y	uhan taating											
Deta	ails of circuits a	and/or installe	ea equipment v	vuinerable t	o damage v	vnen testing	9	-				_		Test	ed By		
Qub	main circuits	with connecto	ad distribution	boards and	associated	final circuite	e and			I	Name	Niall Fe	ensome			Date	28/02/2023
	essories			bualus allu	associated		sanu			0.							
										Sigr	ature	Ŵ					
	Test Instrume	nt Serial Num	ber Elu	ke 1653B -	3224058							194					
				Ke 1000D -	5224050			-									
							I	Distributi	ion Board	Characte	ristics						
Zs	0.13	Ω Να	ominal Voltage	230	v	Polarity	1 1		lpf	3.8	ŀ	κA	No of Phas	ses 3			Phase Rotation 🗸
					_						_						•
	Ring fina	al circuit conti	nuity (O)	Contin	uity (O)		Insulatio	on Resistar	nce (MO)					RCD			
			()						()							ton	
ber							_		÷	Φ		S				AFDD Test Button Operation	
Circuit Number		ral)				Ð	Line-Neutral	£	Neutral-Earth	Test Voltage		Measured Zs (Ω)	(st	@5l∆n (ms)	Test Button Operation	est	
nit ⊳	(line)	(neutral)	bc)	+ R2		Ë	Re	Ea	ral-	Nol	rity	sure	<u>ل</u>) 4	But	D T ratic	
Circu	11 (ji)	u) L	r2 (cpc)	R1+	R2	Line-Line	ine	Line-Earth	leut	est	Polarity	lea (Ω)	@l∆n (ms)	<u></u> 2512	est	Pee	Circuit Comments
1/TP	N/A	N/A	N/A	0.06	N/A	LIM	LIM	LIM	LIM		⊥ √	0.19	N/A	N/A		N/A	
2/TP	N/A	N/A	N/A	0.14	N/A	LIM	LIM	LIM	LIM	LIM	1	0.27	N/A	N/A	LIM	N/A	
3/TP	N/A	N/A	N/A	0.06	N/A	LIM	LIM	LIM	LIM	LIM	1	0.19	N/A	N/A	LIM	N/A	
4/TP 5/TP	N/A N/A	N/A	N/A	0.01	N/A N/A	LIM	LIM	LIM	LIM	LIM	√	0.13	N/A N/A	N/A	LIM	N/A N/A	
6/TP	N/A N/A	N/A N/A	N/A N/A	0.01	N/A N/A	LIM	LIM	LIM	LIM	LIM	\ \	0.13	N/A N/A	N/A N/A	LIM	N/A N/A	
											✓ 			-			Unable to test circuit due due to lack of
7/TP	N/A	N/A	N/A	LIM	LIM	LIM	LIM	LIM	LIM	LIM	1	LIM	N/A	N/A	LIM	N/A	access to test circuit.
8/TP	N/A	N/A	N/A	0.04	N/A	LIM	LIM	LIM	LIM	LIM	1	0.17	N/A	N/A	LIM	N/A	
9/L1	N/A	N/A	N/A	LIM	LIM	LIM	LIM	LIM	LIM	LIM	√ NI/A	LIM	N/A	N/A	LIM	N/A	
9/L2 9/L3	N/A N/A	N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A N/A	N/A	N/A	N/A	N/A N/A	
9/L3 10/TP	N/A N/A	N/A N/A	N/A N/A	0.04	N/A N/A	LIM	N/A LIM	N/A LIM	N/A LIM	N/A LIM	N/A √	0.17	N/A N/A	N/A N/A	N/A LIM	N/A N/A	
11/TP	N/A	N/A	N/A	0.04	N/A	LIM	LIM	LIM	LIM	LIM	\checkmark	0.17	N/A	N/A	LIM	N/A	
12/TP	N/A	N/A	N/A	0.06	N/A	LIM	LIM	LIM	LIM	LIM	✓ ✓	0.16	N/A	N/A	LIM	N/A	

L			Circ	uit De	tails						Ē	PP SI Electrical	PTS REMIER TEC ERVICES G Services	
Refer	ence Number E	SEITTC10024859_9			PTSG Jo	bRef ES	EIT16548							
Dist	DB Reference DB PB-B tribution Board Comments	D8 Reference	Circuit Numbe	er	DB Loc	cation Gro	ound Floor	Main Plantroo	om					
N//	A Supply	y From Main Panel	2/TP		Over Current D	evice 60	947	MCCB		RCD Op	erating C	urrent N/	A mA	
	Board Ma	nufacturer Hager			Device F	ating 400	0 A R	CD Time Dela	y N/A	RCD Opera	iting time	at l∆n N/	A ms	
Circuit Number	Circuit Description	Circuit Category	Number of Points Served	Disconnection Time (seconds)	Devices BS (EN)	Device Type	Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method	Live csa (mm²)	cpc csa (mm²)
1/TP	Sub Main Landlords DB-B/LL01	Sub Main	1	5	60947	MCCB	100	20	N/A	0.2185	F	E&F	25	Mech
2/TP	Lift	Radial Circuit	1	0.4	60947	MCCB	40	20	N/A	0.5462	F	E&F	10	Mech
3/L1	Fire Alarm	Radial Circuit Radial Circuit	1	0.4	60947	MCCB MCCB	16	35	N/A N/A	1.3656	0	E&F E&F	2.5	2.5
3/L2 3/L3	Fire Alarm Disable Refuge Alarm	Radial Circuit	1	0.4	60947 60947	MCCB	16	35 35	N/A N/A	1.3656	0	E&F E&F	1.5 1.5	1.5 1.5
3/L3 4/TP	Sub Main Landlords DB-B/LL02	Sub Main	1	0.4 5	60947	MCCB	100		N/A N/A	0.2185	F	E&F	25	Mech
4/TP 5/TP	Sub Main Apartment DB-B/2L02	Sub Main	1	5	60947	MCCB	200		N/A	0.2185	F	E&F	70	Mech
6/TP	Sub Main Apartment DB-B/APT/02	Sub Main	1	5	60947	MCCB	200		N/A	0.1092	F	E&F	70	Mech
7/TP	Sub Main Mechanical DB-B/MECH	Sub Main	1	5	60947	MCCB	100		N/A	0.2185	F	E&F	35	Mech
8/TP	Sub Main DB-B/HTG/03	Sub Main	1	5	60947	MCCB	100		N/A	0.2185	F	E&F	35	Mech
9/TP	Sub Main DB-B/HTG/04	Sub Main	1	5	60947	MCCB	80	20	N/A	0.2731	F	E&F	16	Mech
10/TP	Sub Main DB-B/HTG/02	Sub Main	1	5	60947	MCCB	125		N/A	0.1748	F	E&F	35	Mech
11/TP	Sub Main Apartment DB-B/APT/01	Sub Main	1	5	60947	MCCB	200		N/A	0.1092	F	E&F	70	Mech
12/TP	Sub Main DB-B/HTG/01	Sub Main	1	5	60947	MCCB	200	20	N/A	0.1092	F	E&F	70	Mech
Types of Wiring	g: A. PVC/PVC Cables B. PVC Cable conduit	es in metallic C. PVC Cables in non- metallic conduit	D. PVC Ca trucking	ables in metallic	E. PVC Cables in non- metallic trucking	F. PVC/SW	A Cables	G. XLPE/SWA cable		neral Insulated Cables			O. Other	
Installation me	thods A. In conduit in thermally B. In conduit of trucking	on a wall or in C. Clipped direct	D. Direct b or conduit	uried or in ducting in ground	g E&F. In free air or on cab tray or ladder touching	le G. In free air	r or on cable	100. Twin and Earth plasterboard ceiling, insulation <100mm	, plaste	win and Earth above rboard ceiling, tion >100mm		and Earth within tud wall, touching	103. Twin and insulated stud touching inner	wall, not

							Test I	Resul	ts								PTSC PREMIER TECHNICAL SERVICES GROUP Electrical Services Ltd
Refe	rence Numb	per		ESEITT	C100248	59_9				PTSG Job	Ref	ESEIT	16548				
	Reference	DB PE	3-B ed equipment v	ulporable t	o damago y	when testing				DB Loo	ation	Ground	d Floor Mair		ed By		
De					o damage v	when testing	J	_		,	Vame	Niell E	ensome	Test	ей Бу	Date	27/02/2023
	b main circuits	with connecte	ed distribution I	boards and	associated	final circuit	s and			I	vame		ensome			Date	21/02/2023
		ent Serial Nurr	ber Flu	ke 1653B -	3224058			-1		Sigr	ature	Ŵ					
								Distributi	on Board	Characte	ristics						
Zs	0.09	Ω Ν	ominal Voltage	230	v	Polarity	/ /		lpf	5.0	ŀ	κA	No of Pha	ses 3			Phase Rotation 🗸
20	0.00	12 10	onnar vonago	200		1 olam			ipi	0.0	_		no or r na	000 0			
	Ring fin	al circuit conti	nuity (Ω)	Continu	uity (Ω)		Insulati	on Resistan	nce (MΩ)					RCD		_	
Circuit Number	r1 (line)	rn (neutral)	r2 (cpc)	R1 + R2	R2	Line-Line	Line-Neutral	Line-Earth	Neutral-Earth	Test Voltage	Polarity	Measured Zs : (Ω)	@l∆n (ms)	@5l∆n (ms)	Test Button Operation	AFDD Test Button Operation	Circuit Comments
1/TP	N/A	N/A	N/A	0.02	N/A	LIM	LIM	LIM	LIM	LIM	1	0.11	N/A	N/A	LIM	N/A	Unable to test circuit due due to lack of
2/TP	N/A	N/A	N/A	LIM	LIM	LIM	LIM	LIM	LIM	LIM	1	LIM	N/A	N/A	LIM	N/A	access to test circuit.
3/L1 3/L2	N/A N/A	N/A N/A	N/A N/A	LIM	LIM	N/A N/A	LIM	LIM	LIM	LIM	<i>√</i>	LIM	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
3/L2 3/L3	N/A N/A	N/A N/A	N/A N/A	0.55	N/A	N/A N/A	LIM	LIM	LIM	LIM	√ √	0.64	N/A N/A	N/A	N/A N/A	N/A N/A	
4/TP	N/A	N/A	N/A	0.04	N/A	LIM	LIM	LIM	LIM	LIM	✓ ✓	0.13	N/A	N/A	LIM	N/A	
5/TP 6/TP	N/A N/A	N/A N/A	N/A N/A	0.02	N/A N/A	LIM	LIM	LIM	LIM	LIM	1	0.11 0.11	N/A N/A	N/A N/A	LIM	N/A N/A	
7/TP	N/A N/A	N/A N/A	N/A N/A	0.02	N/A N/A	LIM	LIM	LIM	LIM	LIM	√ √	0.11	N/A N/A	N/A N/A	LIM	N/A N/A	
8/TP	N/A	N/A	N/A	0.02	N/A	LIM	LIM	LIM	LIM	LIM	✓ ✓	0.11	N/A	N/A	LIM	N/A	
9/TP	N/A	N/A	N/A	0.06	N/A	LIM	LIM	LIM	LIM	LIM	✓	0.15	N/A	N/A	LIM	N/A	
10/TP 11/TP	N/A N/A	N/A N/A	N/A N/A	0.02 0.01	N/A N/A	LIM	LIM	LIM	LIM	LIM	1	0.11 0.09	N/A N/A	N/A N/A	LIM	N/A N/A	
											\checkmark						

L					Circ	uit Det	tails						E	PF SI Electrical	REMIER TECH ERVICES G Services	
Refer	ence Number	ES	SEITTC100	24859_10			PTSG Jol	Ref ESE	EIT16548	:						
Dist	DB Reference DB-B	Mechanical		DB Reference	Circuit Numbe	er	DB Loc	ation Gro	ound Floo	r Main Plantroc	om					
N/A	Ą	Supply	From	DB B	7/TP		Over Current D	evice 609	47	MCCB		RCD Op	erating C	urrent N/	A mA	
		Board Mar	nufacturer	Hager			Device R	ating 100	A R	CD Time Dela	y N/A	RCD Opera	ting time	at l∆n N/	A ms	
Circuit Number	Circuit Description		Circuit Cat	egory	Number of Points Served	Disconnection Time (seconds)	Devices BS (EN)	Device Type	Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method	Live csa (mm²)	cpc csa (mm²)
1/TP	BMS		Radial Circ		1	0.4	60898	С	63	10	N/A	0.3468	F	E&F	10	10
2/L1	PSU Power Unit		Radial Circ		1	0.4	60898	В	16		N/A	2.7312	F	E&F	2.5	2.5
2/L2	EC Power Unit		Radial Circ	cuit	1	0.4	60898	В	16		N/A	2.7312	F	E&F	2.5	2.5
2/L3	Spare		N/A		N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
3/TP 4/TP	Spare		N/A N/A		N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A		N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A
4/TP 5/TP	Spare CHP		Radial Circ		IN/A	0.4	60898	C N/A	63		N/A N/A	0.3468	F	E&F	16	16
6/L1	Socket Below DB		Radial Circ		1	0.4	60898	C	16		N/A	1.3656	D	B	2.5	2.5
6/L2	Smoke Ventilation Panel		Radial Circ		1	0.4	60898	C	16		N/A	1.3656	0	B	2.5	2.5
6/L2	Themo Stats		Radial Circ		1	0.4	60898	C	16		N/A	1.3656	F	E&F	2.5	2.5
7/L1	Aircon Unit		Radial Circ		1	0.4	60898	D	20		N/A	0.5462	F	E&F	2.5	2.5
7/L2	Spare		N/A		N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
7/L3	Spare		N/A		N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A
8/TP	Spare		N/A		N/A	N/A	N/A	N/A	N/A	A N/A	N/A	N/A	N/A	N/A	N/A	N/A
pes of Wiring	•	B. PVC Cable conduit	n	C. PVC Cables in non- netallic conduit	D. PVC Ca trucking	ables in metallic	E. PVC Cables in non- metallic trucking	F. PVC/SWA	Cables	G. XLPE/SWA cable 100. Twin and Earth		Aineral Insulated Cables		and Earth within	O. Other 103. Twin and	Earth within
stallation me	thods A. In conduit in thermally insulated wall	B. In conduit or trucking	n a wall or in C	C. Clipped direct	D. Direct b or conduit	uried or in ducting in ground	E&F. In free air or on cabl tray or ladder touching	e G. In free air o	or on cable	plasterboard ceiling, insulation <100mm	plas	terboard ceiling, lation >100mm		and Earth within tud wall, touching	insulated study touching inner	wall, not

Refe	rence Numb	er		ESEITT	C1002485		Test I	Result		PTSG Job	Ref	ESEIT	16548				PTSC PREMIER TECHNICAL SERVICES GROUP Electrical Services Ltd
Kelei				ESENT	51002403	5_10				136 30		LSEIT	10040				
DB	Reference	DB-B I	Vechanical							DB Loc	ation	Ground	l Floor Main	Plantroom	l		
	ails of circuits			vulnerable t	o damage v	when testing									ted By		
Del		und/or motalle	a equipment (o damage (9				1	NE-U T		1651		Dei	27/02/2023
	cuits with appli				ned impract	tical to remo	ve all			ſ	Name	INIAII Fe	ensome			Date	21/02/2023
	gs.;Circuits wit			es. ike 1653B -	3224058			-1		Sigr	ature	jŴ					
					0221000							-					
								Distributio	on Board	Characte	ristics						
Zs	0.11	Ω Να	ominal Voltage	230	v	Polarity	/ /		lpf	4.4	k	A	No of Pha	ses 3			Phase Rotation 🗸
	Ring fina	al circuit conti	nuity (Ω)	Contin	uity (Ω)		Insulati	on Resistan	ce (MΩ)					RCD		ç	
Circuit Number	(line)	(neutral)	0	N		Ð	utral	£	arth	e		IZs	-	s)	Ę	: Butto	
	Ξ	E	r2 (cpc)	R1 + R2	R2	Line-Line	Line-Neutral	Line-Earth	Neutral-Earth	Test Voltage	Polarity	Measured (Ω)	@l∆n (ms)	@5l∆n (ms)	Test Butto Operation	AF Op	Circuit Comments
1/TP	∑ N/A	E N/A	인 N/A	+ 20.03	N/A	LIM	LIM	LĪM	LIM	LIM	1	O Measured Zs	N/A	N/A	Z Test Button V Operation	N/A	Circuit Comments
1/TP 2/L1	E N/A N/A	E N/A N/A	N/A N/A	+ 0.03 0.08	N/A N/A	LIM N/A	LIM	LIM >999	LIM LIM	LIM	√ √	0.14 0.19	N/A N/A	N/A N/A	N/A N/A	N/A N/A	Circuit Comments
1/TP	∑ N/A	E N/A	인 N/A	+ 20.03	N/A	LIM	LIM	LĪM	LIM	LIM	1	0.14	N/A	N/A	N/A	N/A	Circuit Comments
1/TP 2/L1 2/L2 2/L3 3/TP	E N/A N/A N/A N/A N/A	E N/A N/A N/A N/A N/A	© N/A N/A N/A N/A N/A	+ 0.03 0.08 0.11 N/A N/A	N/A N/A N/A N/A N/A	LIM N/A N/A N/A N/A	LIM LIM N/A N/A	LIM >999 >999 N/A N/A	LIM LIM LIM N/A N/A	LIM LIM LIM N/A N/A	✓ ✓ ✓ N/A N/A	0.14 0.19 0.22 N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A	Circuit Comments
1/TP 2/L1 2/L2 2/L3 3/TP 4/TP	E N/A N/A N/A N/A N/A	E N/A N/A N/A N/A N/A	№ N/A N/A N/A N/A N/A N/A	+ 0.03 0.08 0.11 N/A N/A N/A	N/A N/A N/A N/A N/A	LIM N/A N/A N/A N/A	LIM LIM N/A N/A N/A	LIM >999 >999 N/A N/A N/A	LIM LIM N/A N/A N/A	LIM LIM LIM N/A N/A	✓ ✓ N/A N/A N/A	0.14 0.19 0.22 N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	Circuit Comments
1/TP 2/L1 2/L2 2/L3 3/TP 4/TP 5/TP	E N/A N/A N/A N/A N/A N/A	E N/A N/A N/A N/A N/A N/A	₹ N/A N/A N/A N/A N/A N/A	+ 2 0.03 0.08 0.11 N/A N/A N/A 0.03	N/A N/A N/A N/A N/A N/A	LIM N/A N/A N/A N/A LIM	LIM LIM N/A N/A N/A LIM	LIM >999 >999 N/A N/A N/A LIM	LIM LIM N/A N/A N/A LIM	LIM LIM N/A N/A N/A LIM	✓ ✓ N/A N/A N/A √	0.14 0.19 0.22 N/A N/A N/A 0.14	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	Circuit Comments
1/TP 2/L1 2/L2 2/L3 3/TP 4/TP 5/TP 6/L1	E N/A N/A N/A N/A N/A N/A N/A	E N/A N/A N/A N/A N/A N/A N/A	₹ N/A N/A N/A N/A N/A N/A N/A	+ 2 0.03 0.08 0.11 N/A N/A N/A 0.03 0.02	N/A N/A N/A N/A N/A N/A N/A	LIM N/A N/A N/A N/A LIM N/A	LIM LIM N/A N/A N/A LIM LIM	LIM >999 >999 N/A N/A N/A LIM >999	LIM LIM N/A N/A N/A LIM	LIM LIM N/A N/A N/A LIM LIM	✓ ✓ N/A N/A N/A ✓ ✓	0.14 0.19 0.22 N/A N/A N/A 0.14 0.13	N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A	Circuit Comments
1/TP 2/L1 2/L2 2/L3 3/TP 4/TP 5/TP	E N/A N/A N/A N/A N/A N/A	E N/A N/A N/A N/A N/A N/A	₹ N/A N/A N/A N/A N/A N/A	+ 2 0.03 0.08 0.11 N/A N/A N/A 0.03	N/A N/A N/A N/A N/A N/A	LIM N/A N/A N/A N/A LIM	LIM LIM N/A N/A N/A LIM	LIM >999 >999 N/A N/A N/A LIM	LIM LIM N/A N/A N/A LIM	LIM LIM N/A N/A N/A LIM	✓ ✓ N/A N/A N/A √	0.14 0.19 0.22 N/A N/A N/A 0.14	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A	Circuit Comments
1/TP 2/L1 2/L2 2/L3 3/TP 4/TP 5/TP 6/L1 6/L2 6/L3 7/L1	E N/A N/A N/A N/A N/A N/A N/A N/A N/A	E N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A	+ 0.03 0.08 0.11 N/A N/A N/A 0.03 0.02 0.12 LIM 0.21	N/A N/A N/A N/A N/A N/A N/A N/A LIM N/A	LIM N/A N/A N/A N/A LIM N/A N/A N/A N/A	LIM LIM N/A N/A LIM LIM LIM LIM LIM	LIM >999 N/A N/A N/A LIM >999 >999 >999	LIM LIM N/A N/A LIM LIM LIM LIM	LIM LIM N/A N/A N/A LIM LIM LIM LIM	✓ ✓ N/A N/A N/A ✓ ✓ ✓ ✓ ✓ ✓	0.14 0.19 0.22 N/A N/A 0.14 0.13 0.23 LIM 0.33	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A	N/A N/A	Unable to test circuit due due to lack of
1/TP 2/L1 2/L2 2/L3 3/TP 4/TP 5/TP 6/L1 6/L2 6/L3	E N/A N/A N/A N/A N/A N/A N/A N/A N/A	E N/A N/A N/A N/A N/A N/A N/A N/A	2 N/A N/A N/A N/A N/A N/A N/A N/A N/A	+ 	N/A N/A N/A N/A N/A N/A N/A N/A N/A LIM	LIM N/A N/A N/A N/A LIM N/A N/A N/A	LIM LIM N/A N/A LIM LIM LIM	LIM >999 N/A N/A N/A LIM >999 >999 >999	LIM LIM N/A N/A N/A LIM LIM LIM	LIM LIM N/A N/A N/A LIM LIM LIM LIM	✓ ✓ N/A N/A N/A √ ✓ ✓ ✓	0.14 0.19 0.22 N/A N/A 0.14 0.13 0.23 LIM	N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A	N/A N/A N/A N/A N/A N/A N/A N/A	Unable to test circuit due due to lack of

					Circ	uit De	tails							Ē	PF SI Electrical	REMIER TECH REVICES G Services	
Refer	ence Number	ES	EITTC100	24859_11			PTSG Jo	b Ref	ESEI	T16548							
				_													
		ing DB/HTG/0)1				DB Loo	cation	Austir	n Hall G	round Floor Pl	antroom					
	ribution Board Comments			DB Reference	Circuit Numb	er						-				-	
N//	Ą	Supply	From	DB PB A	6/TP		Over Current D	evice	60947	7	MCCB		RCD Op	erating C	urrent N/	A mA	
		Board Man	ufacturer	Hager			Device F	Rating	200	A R	CD Time Dela	/ N/A	RCD Opera	iting time	at l∆n N/	A ms	
Circuit Number	Circuit Description		Circuit Cate	egory	Number of Points Served	Disconnection Time (seconds)	Devices BS (EN)	Davica Tyna		Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	Installation Method	Live csa (mm²)	cpc csa (mm²)
1/L1	Heating Rooms 101-104		Radial Circ		4	0.4	60898	E		20		N/A	2.185	Α	В	4	1.5
1/L2 1/L3	Heating Rooms 105-108 Heating Rooms 109-111		Radial Circ Radial Circ		4	0.4	60898 60898	E		20	10	N/A N/A	2.185 2.185	A A	B	4	1.5 1.5
2/L1	Heating Rooms 109-111 Heating Rooms 112-114		Radial Circ		4	0.4	60898	E		20		N/A N/A	2.185	A A	B	4	1.5
2/L1	Heating Rooms 115-118		Radial Circ		4	0.4	60898	E		20	-	N/A	2.185	A	B	4	1.5
2/L3	Heating Rooms 119-122		Radial Circ		4	0.4	60898	E		20		N/A	2.185	A	B	4	1.5
3/TP	Spare		N/A		N/A	N/A	N/A	N/		N/A		N/A	N/A	N/A	N/A	N/A	N/A
4/L1	Heating Rooms 201-204		Radial Circ	uit	4	0.4	60898	E	3	40	10	N/A	1.0925	A	В	4	1.5
4/L2	Heating Studio		Radial Circ		3	0.4	60898	E		40		N/A	1.0925	А	В	4	1.5
4/L3	Heating Rooms 209-211		Radial Circ		4	0.4	60898	E		40	-	N/A	1.0925	А	В	4	1.5
5/L1	Heating Rooms 212-214		Radial Circ		4	0.4	60898	E		40	-	N/A	1.0925	А	В	4	1.5
5/L2	Heating Rooms 215-218		Radial Circ		4	0.4	60898	E		40		N/A	1.0925	A	В	4	1.5
5/L3	Heating Rooms 219-222		Radial Circ	uit	4	0.4	60898	E		40		N/A	1.0925	A	B	4	1.5
6/TP	Spare	B. PVC Cables	N/A	. PVC Cables in non-	N/A	N/A ables in metallic	N/A E. PVC Cables in non-	N/		N/A		N/A	N/A	N/A	N/A	N/A	N/A
ypes of Wiring	-	conduit	m	C Cables in non- netallic conduit Clipped direct	trucking	uried or in ducting	metallic trucking	lo	/C/SWA Ca		G. XLPE/SWA cable 100. Twin and Earth plasterboard ceiling, insulation <100mm	above 101. T plaste	neral Insulated Cable Fwin and Earth above erboard ceiling, ttion >100mm	102. Twin	and Earth within tud wall, touching	O. Other 103. Twin and insulated stud touching inner	wall, not

DB Reference Heating DB/HTG/01 DB Location Austin Hall Ground Floor Plantnoom Details of circuits and/or installed equipment vulnerable to damage when testing deemed impractica to remove all plugs. Circuits with connected fixed appliances plugged in to outlets where deemed impractica to remove all plugs. Circuits with connected fixed appliances. DB Location Austin Hall Ground Floor Plantnoom Test Instrument Serial Number Fluke 1653B - 3224058 Name Name <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th>Test I</th><th>Resu</th><th>lts</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>							Test I	Resu	lts								
Test is of circuits and/or installed equipment vulnerable to damage when testing Test damage when testing Circuits with connected lamps/control gear. Circuits with appliances Name Name Name Name Date 2802203 Test Instrument Serial Number Fuke 1653B - 3224058 Distribution Board Characteristics Distribution Board Characteristics Date 2802203 Zs 0.13 0 Nominal Voltage 230 v Polarity V Ip1 3.8 KA No of Phases 3 Phase Rotation Circuit Comments Upung Upun	Reference Nun	nber		ESEITT	C1002485	9_11		_	F	PTSG Job	Ref	ESEI	16548				
Test is of circuits and/or installed equipment vulnerable to damage when testing Test damage when testing Circuits with connected lamps/control gear. Circuits with appliances Name Name Name Name Date 2802203 Test Instrument Serial Number Fuke 1653B - 3224058 Distribution Board Characteristics Distribution Board Characteristics Date 2802203 Zs 0.13 0 Nominal Voltage 230 v Polarity V Ip1 3.8 KA No of Phases 3 Phase Rotation Circuit Comments Upung Upun						_											
Name Name Name Name Date 28/02/2023 Signature Test Instrument Serial Number Fluke 16538 - 3224058 Distribution Bootested fixed appliances. Distribution Bootested fixed appliances. Signature Circuits with connected fixed appliances. Distribution Bootested fixed appliances. Distribution Bootested fixed appliances. Distribution Bootested fixed appliances. Distribution Bootested fixed appliances. Circuit South Control (Q) Continuity (Q) Continuity (Q) Continuity (Q) Continuity (Q) Continuity (Q) Continuity (Q) Continuity (Q) Continuity (Q) Continuity (Q) Continuity (Q) Continuity (Q) Continuity (Q) Continuity (Q) Continuity (Q) Continuity (Q) Continuity (Q) Co	DB Reference	Heati	ing DB/HTG/01							DB Loo	cation	Austin	Hall Ground	l Floor Plan	troom		
Signature Signature Signature Signature Test Instrument Serial Number Fluke 1653B - 3224058 Distribution Board Characteristics Zs 0.13 Q Nominal Voitage 230 v Polarity (provide the second	Details of circui	ts and/or install	led equipment v	ulnerable t	o damage v	when testing	9							Test	ed By		
Signature Signature Test Instrument Serial Number Fuke 1653B - 3224058 Distribution Board Characteristics Continuity (0) V Plase Rotation Continuity (0)										ı	Name	Niall F	ensome			Date	28/02/2023
Signature Signature Signature Test Instrument Serial Number Fluke 1653B - 3224058 Distribution Board Characteristics Zs 0.13 Ω Nominal Voltage 230 v Polarity ✓ Ipf 3.8 KA No of Phase 3 Phase Rotation ✓ Test Instrument Serial Number Continuity (Ω) Continuity (Ω) Insulation Resistance (MΩ) V Page Y								nere				-					
Test Instruments Serial Number Fluke 1653B - 3224058 Distribution Board Characteristics Zs 0.13 Ω Nominal Voltage 230 v Polarity ✓ Ipf 3.8 KA No of Phases 3 Phase Rotation ✓ Image: Nominal Voltage 230 v Polarity ✓ Ipf 3.8 KA No of Phases 3 Phase Rotation ✓ Nominal Voltage 230 v Polarity ✓ Ipf 3.8 KA No of Phases 3 Phase Rotation ✓ Nominal Voltage 200 V Polarity ✓ Ipf 3.8 KA No of Phases 3 Circuit Comments Nominal Voltage 200 V Pig Pig <td>· · · ·</td> <td></td> <td>1 0 /</td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td>Sigr</td> <td>ature</td> <td>1 Mil</td> <td></td> <td></td> <td></td> <td></td> <td></td>	· · · ·		1 0 /					_		Sigr	ature	1 Mil					
Zs 0.13 Ω Nominal Voltage 230 v Polarity · Ipf 3.8 kA No of Phase 3 Phase Rotation ·	Test Instrur	ment Serial Nur	mber Fluk	e 1653B -	3224058							JM.					
No. NA N								Distribut	ion Board	Characte	ristics						
No. NA N	Zs 0.13	0	Jominal Voltage	230	v	Polarit	v z		lof	38	ŀ	κA	No of Pha	ses 3			Phase Rotation
Circuit Comments Circuit Comments Circuit Comments							•										•
1/L1N/AN/AN/A0.30N/AN/ALIM>999LIM250✓0.43N/AN/AN/AN/A1/L2N/AN/AN/A0.34N/AN/ALIM>999LIM250✓0.47N/AN/AN/AN/AN/A1/L3N/AN/AN/A0.31N/AN/ALIM>999LIM250✓0.47N/AN/AN/AN/AN/A2/L1N/AN/AN/A0.36N/AN/ALIM>999LIM250✓0.49N/AN/AN/AN/A2/L2N/AN/AN/A0.36N/AN/ALIM>999LIM250✓0.49N/AN/AN/AN/A2/L2N/AN/AN/A0.66N/AN/ALIM>999LIM250✓0.59N/AN/AN/AN/A2/L3N/AN/AN/A0.61N/AN/ALIM>999LIM250✓0.59N/AN/AN/AN/A3/TPN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A3/TPN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A4/L1N/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A	Ring	final circuit cont	tinuity (Ω)	Contin	uity (Ω)		Insulati	on Resista	ince (MΩ)					RCD		c	
$1/L1$ N/AN/AN/AO.30N/AN/ALIM>999LIM250 \checkmark 0.43N/AN/AN/AN/A $1/L2$ N/AN/AN/A0.34N/AN/AN/ALIM>999LIM250 \checkmark 0.47N/AN/AN/AN/AN/A $1/L3$ N/AN/AN/A0.31N/AN/ALIM>999LIM250 \checkmark 0.47N/AN/AN/AN/A $2/L1$ N/AN/AN/A0.36N/AN/ALIM>999LIM250 \checkmark 0.44N/AN/AN/AN/A $2/L1$ N/AN/AN/A0.36N/AN/ALIM>999LIM250 \checkmark 0.49N/AN/AN/AN/A $2/L2$ N/AN/AN/A0.46N/ALIM>999LIM250 \checkmark 0.49N/AN/AN/AN/A $2/L2$ N/AN/AN/A0.46N/ALIM>999LIM250 \checkmark 0.74N/AN/AN/AN/A $2/L3$ N/AN/AN/AN/ALIM>999LIM250 \checkmark 0.74N/AN/AN/AN/A $2/L3$ N/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A $3/TP$ N/AN/AN/AN/AN/AN/AN/AN/AN/AN/A <td< th=""><th>Circuit Number 11 (line)</th><th>E</th><th>ñ</th><th>R1</th><th>R2</th><th>Line-Line</th><th></th><th>Line-Earth</th><th>Neutral-Earth</th><th>Test Voltage</th><th>Polarity</th><th>Measured Zs (Ω)</th><th>@l∆n (ms)</th><th>@5l∆n (ms)</th><th>Test Button Operation</th><th></th><th>Circuit Comments</th></td<>	Circuit Number 11 (line)	E	ñ	R1	R2	Line-Line		Line-Earth	Neutral-Earth	Test Voltage	Polarity	Measured Zs (Ω)	@l∆n (ms)	@5l∆n (ms)	Test Button Operation		Circuit Comments
1/L3 N/A N/A N/A N/A LIM >999 LIM 250 ✓ 0.44 N/A N/A N/A N/A 2/L1 N/A N/A N/A 0.36 N/A N/A LIM >999 LIM 250 ✓ 0.49 N/A N/A N/A N/A 2/L2 N/A N/A N/A 0.46 N/A N/A LIM >999 LIM 250 ✓ 0.49 N/A N/A N/A N/A 2/L2 N/A N/A N/A 0.46 N/A N/A LIM >999 LIM 250 ✓ 0.59 N/A N/A N/A N/A 2/L3 N/A N/A 0.61 N/A N/A LIM >999 LIM 250 ✓ 0.74 N/A N/A N/A 3/TP N/A											1	0.43		N/A	N/A		
2/L2 N/A N/A 0.46 N/A N/A LIM >999 LIM 250 7 0.59 N/A N/A N/A N/A 2/L3 N/A N/A N/A 0.61 N/A N/A LIM >999 LIM 250 7 0.74 N/A N/A N/A N/A 3/TP N/A N/A N/A N/A N/A N/A N/A N/A N/A 4/L1 N/A N/A N/A N/A LIM >999 LIM 250 7 0.74 N/A N/A N/A 4/L1 N/A 4/L2 N/A N/A N/A LIM >999 LIM 250 7 0.53 N/A N/A N/A 4/L2 N/A N/A N/A LIM >999 LIM 250 7 0.53 N/A N/A N/A				0.31						250		0.44					
2/L3 N/A N/A N/A LIM >999 LIM 250 7 0.74 N/A N/A N/A N/A 3/TP N/A N/A <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>											-						
3/TP N/A 4/L1 N/A 4/L1 N/A N/A N/A N/A LIM >999 LIM 250 ✓ 0.51 N/A N/A N/A N/A 4/L2 N/A N/A N/A N/A LIM >999 LIM 250 ✓ 0.53 N/A N/A N/A											-						
4/L2 N/A N/A N/A 0.40 N/A N/A LIM >999 LIM 250 🗸 0.53 N/A N/A N/A N/A		N/A		N/A			N/A	N/A	N/A	N/A						N/A	
											•						
5/L1 N/A N/A N/A 0.50 N/A N/A LIM >999 LIM 250 🗸 0.63 N/A N/A N/A N/A											•						
5/L2 N/A N/A N/A 0.60 N/A N/A LIM >999 LIM 250 🗸 0.73 N/A N/A N/A N/A				0.60	N/A					250	-	0.73			N/A	N/A	
5/L3 N/A N/A 0.60 N/A N/A LIM >999 LIM 250 ✓ 0.73 N/A N/A N/A 6/TP N/A N/A N/A N/A N/A N/A N/A N/A N/A																	

Ľ						Circ	uit De	etails							E	-	PTS PREMIER TEC SERVICES G	
R	eference Number		ES	EITTC1002	24859_12			PTSG Jo	b Ref	ESEIT	16548							
	DB Reference	Landlords	s DB-A/LL	_/01				DB Lo	cation	Asquit	h Ground	Floor Plantro	om					
	Distribution Board Comme	ents			DB Reference	Circuit Numb	er											
	N/A		Supply	From	DB PB A	4/TP		Over Current I	Device	60947	,	МССВ		RCD O	perating C	urrent N	I/A mA	
		B	oard Man	ufacturer	Hager			Device	Rating	100	A RCD	Time Delay	N/A	RCD Operation	ating time	at l∆n N	J/A ms	
Laguny 1500 11/L1 17/L2 17/L3 27/L1 27/L3 37/L2 37/L37	Lighting Ground F Lobby Sockets Spare Lighting Plantroor Ground Floor Mai Spare Lighting Riser Lighting Ground 24Hrs	/ GF Stairs 2 Floor Main C m in Sockets Floor Main (Corridor	Circuit Cate Radial Circu Radial Circu Radial Circu Radial Circu N/A Radial Circu N/A Radial Circu Radial Circu Radial Circu Radial Circu Radial Circu	uit uit uit uit uit uit uit uit uit	Sourced Points N/mper of Points S Served N/A 2 3 N/A 2 2 4	(secouraction I me (secouraction 1 me (secou	Image: Constraint of the	E E C N/ E E N/	3 C (A 3 3 (A 3 3 3 3 3	(Y) 6 6 6 6 6 6 6 6 6 6 6 6 6	0 Capacity (KA) N/A 10 Capacity (KA) 10 10 10 10 10 10 10 10 10 10 10 10 10	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Patituta End End End End End End End End	A A A A A A A A A A A A A A A A A A A	B B B B B A/A B B B A/A B B B B B B B B	(uuu _s) (uuu _s) (uuu (uuu (uuu (uuu (uuu (uuu (uuu (u	(, mmg) (, mmg) (
4/L3 5/L1 5/L2 5/L3 6/L1	Lighting 1st Floor 1st Floor Main So Spare Spare Spare Spare	Stairs ockets		Radial Circu Radial Circu N/A N/A N/A	uit uit	4 4 N/A N/A N/A	0.4 0.4 N/A N/A N/A	60898 61009 N/A N/A N/A	E E N/ N/	3 3 /A /A /A	6 20 N/A N/A N/A	10 10 N/A N/A N/A	N/A 30 N/A N/A N/A	7.2833 2.185 N/A N/A N/A	A A N/A N/A N/A	B B N/A N/A N/A	1.5 2.5 N/A N/A N/A	1 1.5 N/A N/A N/A
6/L2 6/L3 7/L1 7/L2 7/L3	Lighting 1st Floor External Lighting Lighting 2nd Floo Lighting 2nd Floo	Main Corrid Contactor r Corridor	lor	Radial Circu Radial Circu Radial Circu Radial Circu Radial Circu	uit uit uit uit	4 7 1 7 4	0.4 0.4 0.4 0.4 0.4 0.4	60898 60898 60898 60898 60898 60898	E E E E	3 3 3 3	6 6 6 6 6	10 10 10 10 10 10	N/A N/A N/A N/A	7.2833 7.2833 7.2833 7.2833 7.2833 7.2833	A A A A A	B B B B B	1.5 1.5 1.5 1.5 1.5 1.5	1 1 1 1 1 1
8/L1 8/L2 8/L3 9/L1 9/L2 9/L2	2nd Floor Main Se Door Access Aircon Comms Ri Scuba Tank	ockets		Radial Circu Radial Circu Radial Circu Radial Circu Radial Circu Radial Circu	uit uit uit uit	2 4 4 4 1 1	0.4 0.4 0.4 0.4 0.4 0.4 0.4	60898 60898 61009 60898 60898 60898	E E E E E	3 3 3 3 3	6 6 20 16 16 16	10 10 10 10 10 10 10 10 10	N/A N/A 30 N/A N/A N/A	7.2833 7.2833 2.185 2.7312 2.7312 2.7312 2.7312	A A A F O	B B B E&F C	1.5 1.5 2.5 2.5 2.5 2.5 2.5	1 1.5 1.5 2.5 2.5
10/L1 10/L2		Cabinet Soc	cket	Radial Circo Radial Circo		1	0.4 0.4	60898 61009	0		10 16	10 10	N/A 30	2.185 1.3656	O A	C B	4 2.5	4 1.5

Page **36** of **43**

С				Circ	uit De	tails							E	PF SI Electrical	REMIER TEC ERVICES O Service	
Refe	rence Number	ESEITTC1002	24859_12			PTSG Jol	b Ref	ESEIT	16548							
Dis	DB Reference Land	dlords DB-A/LL/01	DB Reference	Circuit Numb	er	DB Loc	cation	Asquit	h Groui	nd Floor Plantro	oom					
N/		Supply From	DB PB A	4/TP	1	Over Current D	evice	60947		MCCB		RCD Op	erating C	urrent N/	A mA	
		Board Manufacturer	Hager			Device R	Rating	100	A RO	CD Time Delay	N/A	RCD Opera	ting time	at l∆n N/	A ms	
Circuit Number	Circuit Description	Circuit Cate	gory	Number of Points Served	Disconnection Time (seconds)	Devices BS (EN)	Conitro Conitro	Device Type	Device Rating (A)	Device Breaking Capacity (kA)	RCD Operating Current (mA)	Maximum Permitted Zs (Ω)	Type of Wiring	nstallation Method	Live csa (mm²)	cpc csa (mm²)
10/L3	Outside Shed	Radial Circu	uit	LIM	0.4	61009		3	32	10	30	1.3656	A	B	6	2.5
11/TP	Spare	N/A		N/A	N/A	N/A	N		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12/TP 13/TP	Spare Spare	N/A N/A		N/A N/A	N/A N/A	N/A N/A	N		N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
13/TP	Spare	N/A N/A		N/A	N/A N/A	N/A N/A	N		N/A	N/A	N/A	N/A N/A	N/A	N/A	N/A	N/A
15/TP	Spare	N/A		N/A	N/A	N/A	N		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16/TP	Spare	N/A		N/A	N/A	N/A	N	/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Types of Wirir	A In conduit in thermally	conduit m	PVC Cables in non- etallic conduit Clipped direct	trucking	ables in metallic uried or in ducting in ground	 E. PVC Cables in non- metallic trucking E&F. In free air or on cabl tray or ladder touching 	10	VC/SWA Cab		G. XLPE/SWA cables 100. Twin and Earth al plasterboard ceiling, insulation <100mm	pove 101 plas	Mineral Insulated Cables . Twin and Earth above sterboard ceiling, lation >100mm	102. Twin	and Earth within tud wall, touching	O. Other 103. Twin and insulated stud touching inner	wall, not

						٦	Fest F	Resul	ts								PTSC PREMIER TECHNICAL SERVICES GROUP Electrical Services Ltd
Reference Number ESEITTC10024859_12							I	PTSG Job	Ref	ESEI	T16548						
DB F	Reference	Landlo	ords DB-A/LL/	01						DB Loo	ation	Asquit	h Ground Fl	oor Plantro	om		
Deta	ails of circuits	and/or installe	ed equipment	vulnerable to	o damage v	when testing								Test	ted By		
Circi	uits with conn	ected lamps/c	control gear:Ci	ircuite with a	nnliances r	olugged in to	outlate wh	oro		1	lame	Niall F	ensome			Date	e 28/02/2023
	med impractic							0.0		Sign	ature						
										e.gr		Ŵ					
۲	Test Instrume	nt Serial Num	ber Flu	ike 1653B -	3224058												
							I	Distributi	on Board	Characte	ristics						
Zs 0	0.13	Ω Να	ominal Voltage	230	v	Polarity	1		lpf	3.8	k	A	No of Pha	ses 3			Phase Rotation 🧹
	Ring fina	al circuit conti	nuity (Ω)	Continu	uity (Ω)		Insulatio	on Resistar	nce (MΩ)					RCD		E	
Circuit Number	r1 (line)	m (neutral)	2 (cpc)	R1 + R2	R2	Line-Line	Line-Neutral	Line-Earth	Neutral-Earth	Test Voltage	Polarity	Measured Zs (Ω)	@l∆n (ms)	@5l∆n (ms)	Test Button Operation	AFDD Test Button Operation	Circuit Comments
1/L1	N/A	N/A	N/A	0.42	N/A	N/A	LIM	>999	LIM	250	1	0.55	N/A	N/A	N/A	N/A	
1/L2 1/L3	N/A N/A	N/A N/A	N/A N/A	0.42 0.53	N/A N/A	N/A N/A	LIM	>999 >999	LIM	250 250	√ √	0.55	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
2/L1	N/A	N/A	N/A	0.54	N/A	N/A	LIM	>999	LIM	250	1	0.67	18	29	1	N/A	
2/L2 2/L3	N/A N/A	N/A N/A	N/A N/A	N/A 0.31	N/A N/A	N/A N/A	N/A LIM	N/A >999	N/A LIM	N/A 250	N/A ✓	N/A 0.44	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
3/L1	N/A	N/A	N/A	0.89	N/A	N/A	LIM	>999	LIM	250	1	1.02	18	29	1	N/A	
3/L2 3/L3	N/A N/A	N/A N/A	N/A N/A	N/A 0.31	N/A N/A	N/A N/A	N/A LIM	N/A >999	N/A LIM	N/A 250	N/A ✓	N/A 0.44	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
4/L1	N/A	N/A	N/A	0.50	N/A	N/A	LIM	>999	LIM	250	✓ ✓	0.63	N/A	N/A	N/A	N/A	
4/L2 4/L3	N/A N/A	N/A N/A	N/A N/A	0.42	N/A N/A	N/A N/A	LIM	>999 >999	LIM	250 250	1	0.55 0.73	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
4/L3 5/L1	N/A N/A	N/A N/A	N/A N/A	0.60	N/A	N/A		>999	LIM	250	\ \	0.73	18	1N/A 29	N/A	N/A	
5/L2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
5/L3 6/L1	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
6/L1	N/A N/A	N/A N/A	N/A N/A	0.60	N/A	N/A	LIM	>999	LIM	250	N/A ✓	0.73	N/A	N/A N/A	N/A N/A	N/A	
6/L3	N/A	N/A	N/A	0.62	N/A	N/A	LIM	>999	LIM	250	1	0.75	N/A	N/A	N/A	N/A	
7/L1 7/L2	N/A N/A	N/A N/A	N/A N/A	0.09 0.85	N/A N/A	N/A N/A	LIM	>999 >999	LIM	250 250	√ √	0.22	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
7/L2	N/A N/A	N/A N/A	N/A N/A	0.83	N/A	N/A	LIM	>999	LIM	250	✓ ✓	0.98	N/A	N/A	N/A	N/A	
8/L1	N/A	N/A	N/A	LIM	LIM	N/A	LIM	>999	LIM	250	1	LIM	N/A	N/A	N/A	N/A	Unable to test circuit due due to lack of access to test circuit.
8/L2	N/A N/A	N/A N/A	N/A N/A	0.86 0.66	N/A N/A	N/A N/A	LIM	>999 >999	LIM	250 250	1	0.99 0.79	N/A 18	N/A 29	N/A	N/A N/A	

	Test Results																
Refer	Reference Number ESEITTC10024859_12								1	PTSG Job	Ref	ESEI	T16548				
						_											
DB	Reference	La	ndlords DB-A/LL/0	1						DB Loc	cation	Asquit	h Ground Fl	oor Plantroo	m		
Det	ails of circuits	and/or ins	talled equipment v	ulnerable t	o damage v	when testing	a							Test	ed By		
							,			,	Jama	Niell E	ensome			Date	28/02/2023
Circ	cuits with conr	ected lam	ps/control gear;Cir	cuits with a	appliances p	olugged in te	o outlets wh	here		I	Name	INIAII F	ensome			Date	20/02/2023
dee	deemed impractical to remove all plugs.;Circuits with connected fixed appliances.																
										- 5		Ŵ					
	Test Instrume	ent Serial N	lumber Flui	ke 1653B -	3224058							,,,,					
								Distributi	ion Board	Characte	ristics						
		1		_				Distribut	-								
Zs	0.13	Ω	Nominal Voltage	230	v	Polarity	×		lpf	3.8	k	κA	No of Pha	ses 3			Phase Rotation 🗸
	Ring fin	al circuit c	ontinuity (Ω)	Contin	uity (Ω)		Insulati	on Resista	nce (MΩ)					RCD		ç	
ē									_							sutto	
Circuit Number		Ē					tral	ح	Neutral-Earth	Test Voltage		Measured Zs (Ω)	()	(st	5 -	AFDD Test Button Operation	
it N((e)	rn (neutral)	()	+ R2		Line-Line	Line-Neutral	Line-Earth	희-	Volta	īt	urea	@l∆n (ms)	@5l∆n (ms)	Test Button Operation	0 Te atior	
ircu	(line)	(ne	r2 (cpc)	+	N	ne-l	ne-I	ne-f	eutr	est \	Polarity	eas (Ω)	n∆lg	j5I∆	est l	FDC per:	Circuit Comments
	Σ			Я.	R2												Unable to test circuit due due to lack of
9/L1	N/A	N/A	N/A	LIM	LIM	N/A	LIM	>999	LIM	250	1	LIM	N/A	N/A	N/A	N/A	access to test circuit.
9/L2 9/L3	N/A N/A	N/A N/A	N/A N/A	0.30	N/A N/A	N/A N/A	LIM	>999 >999	LIM	250 250	1	0.43	N/A N/A	N/A N/A	N/A N/A	N/A N/A	
											1						Unable to test circuit due due to lack of
10/L1	N/A	N/A	N/A	LIM	LIM	N/A	LIM	>999	LIM	250	1	LIM	N/A	N/A	N/A	N/A	access to test circuit.
10/L2 10/L3	N/A N/A	N/A N/A	N/A N/A	0.30 LIM	N/A LIM	N/A N/A	LIM	>999	LIM	250 250	1	0.43 LIM	18	29 29	1	N/A N/A	
10/L3	N/A N/A	N/A	N/A N/A	N/A	N/A	N/A N/A	N/A	>999 N/A	N/A	250 N/A	✓ N/A	N/A	20 N/A	29 N/A	√ N/A	N/A N/A	
12/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
13/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
14/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
15/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
16/TP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	



Ret	ference	ESEITTC10024859_1	PTSG Job Ref	ESEIT16548					
		Observ	ations						
Item	Item General Installation Observations Outcome								
1. Arc fault detection devices (AFDD's) conforming to BS EN 62606 are recommended as a means of providing C3									

	additional protection against fire caused by arc faults in AC final circuits - 421.1.7		
2.	No Surge protection devices (SPD's) for cables traversing the external/internal zones 0/1 not protected (telephone lines, TV coax, external circuits on the ground and from roof mounted plant, etc.) - 534.1	С3	

ltem	DB Reference	Distribution Board Observations	Outcome
3.	DB PB-B	No DB circuit schedule located at DB providing circuit information - 514.9	C3
4.	DB DB-B/LL/01	No DB circuit schedule located at DB providing circuit information - 514.9	C3
5.	DB DB-B/LL/01	There is no RCD test label at the DB/CU - 514.12.2	C3
6.	DB -B/HTG/01	No DB circuit schedule located at DB providing circuit information - 514.9	
7.	DB External Lights	No DB circuit schedule located at DB providing circuit information - 514.9	
8.	DB-B Mechanical	No DB circuit schedule located at DB providing circuit information - 514.9	C3
9.	DB Common Room	Common Room No DB circuit schedule located at DB providing circuit information - 514.9	
10.	DB Common Room	There is no RCD test label at the DB/CU - 514.12.2	C3
11.	DB PB-A	No DB circuit schedule located at DB providing circuit information - 514.9	C3
12.	Landlords DB-A/LL/01	No DB circuit schedule located at DB providing circuit information - 514.9	C3
13.	Apartment DB-A/APT/01	No DB circuit schedule located at DB providing circuit information - 514.9	C3
14.	Heating DB/HTG/01	No DB circuit schedule located at DB providing circuit information - 514.9	C3
15.	DB Laundry	DB/CU cover not provided with adequate number of fixings - cover in place - 134.1.1	C3
16.	DB Laundry	No DB circuit schedule located at DB providing circuit information - 514.9	C3

Item	DB Reference	Circuit Reference	Circuit Observations	Outcome
17.	DB PB-B	5/TP	Zs reading exceeds the maximum permitted value as prescribed in BS7671 or manufacturers' values and is not protected by an RCD - 411.3.2.2	FI
18.	DB PB-B	6/TP	Zs reading exceeds the maximum permitted value as prescribed in BS7671 or manufacturers' values and is not protected by an RCD - 411.3.2.2	FI
19.	DB PB-B	11/TP	Zs reading exceeds 80% of, but is less than 100%, of the maximum permitted value as prescribed in BS7671 or manufacturers' values and is not protected by an RCD - 411.3.2.2	C3
20.	DB PB-B	12/TP	Zs reading exceeds the maximum permitted value as prescribed in BS7671 or manufacturers' values and is not protected by an RCD - 411.3.2.2	C2
21.	DB DB- B/LL/01	1/L3	Zs reading exceeds the maximum permitted value as prescribed in BS7671 or manufacturers' values - functioning RCD protection in place providing adequate disconnection times - 411.3.2.2	C3
22.	DB DB- B/LL/01	1/L3	Overcurrent protection has not been provided where a 32 A protective device has been installed for a 2.5mm radial circuit - 433.1.1/533.2 - c	C2
23.	DB DB- B/LL/01	3/L3	Zs reading exceeds the maximum permitted value as prescribed in BS7671 or manufacturers' values - functioning RCD protection in place providing adequate disconnection times - 411.3.2.2	C3
24.	DB DB- B/LL/01	3/L3	Overcurrent protection has not been provided where a 32 A protective device has been installed for a 2.5mm radial circuit - $433.1.1/533.2$ - c	C2
25.	DB DB- B/LL/01			C2
26.	DB DB- B/LL/01	5/L2	Socket-outlets: Dwellings - can be used outdoors - no 30 mA RCD protection - 411.3.3	C2

27.	DB External Lights	1/L1	Circuit not adequately labelled at distribution board, unable to locate and test - further investigation required to locate, identify and test circuit - 514.9/537.2.7/537.3.2.4/537.3.3.6	FI
28.	DB External Lights	1/L2	Circuit not adequately labelled at distribution board, unable to locate and test - further investigation required to locate, identify and test circuit - 514.9/537.2.7/537.3.2.4/537.3.3.6	FI
29.	DB External Lights	1/L3	Circuit not adequately labelled at distribution board, unable to locate and test - further investigation required to locate, identify and test circuit - 514.9/537.2.7/537.3.2.4/537.3.3.6	FI
30.	DB-B Mechanica I	6/L1	Socket-outlets: Dwellings - can be used outdoors - no 30 mA RCD protection - 411.3.3 - c	C2
31.	DB PB-A	1/TP	Zs reading exceeds 80% of, but is less than 100%, of the maximum permitted value as prescribed in BS7671 or manufacturers' values and is not protected by an RCD - 411.3.2.2	C3
32.	DB PB-A	2/TP	Zs reading exceeds the maximum permitted value as prescribed in BS7671 or manufacturers' values and is not protected by an RCD - 411.3.2.2	FI
33.	DB PB-A	3/TP	Zs reading exceeds 80% of, but is less than 100%, of the maximum permitted value as prescribed in BS7671 or manufacturers' values and is not protected by an RCD - 411.3.2.2	С3
34.	DB PB-A	5/TP	Zs reading exceeds the maximum permitted value as prescribed in BS7671 or manufacturers' values and is not protected by an RCD - 411.3.2.2	FI
35.	DB PB-A	6/TP	Zs reading exceeds the maximum permitted value as prescribed in BS7671 or manufacturers' values and is not protected by an RCD - 411.3.2.2	FI
36.	DB PB-A	11/TP	Zs reading exceeds the maximum permitted value as prescribed in BS7671 or manufacturers' values and is not protected by an RCD - 411.3.2.2	FI
37.	DB PB-A	12/TP	Zs reading exceeds the maximum permitted value as prescribed in BS7671 or manufacturers' values and is not protected by an RCD - 411.3.2.2	FI
38.	Apartment DB- A/APT/01	5/L1	Circuit not adequately labelled at distribution board, unable to locate and test - further investigation required to locate, identify and test circuit - 514.9/537.2.7/537.3.2.4/537.3.3.6	FI
39.	Heating DB/HTG/0 1	4/L1	Overcurrent protective device rating exceeds the current carrying capacity of circuit, feeding multiple outlets/accessories - 433.1.1/533.2 - c	C2
40.	Heating DB/HTG/0 1	4/L2	Overcurrent protective device rating exceeds the current carrying capacity of circuit, feeding multiple outlets/accessories - 433.1.1/533.2 - c	C2
41.	Heating DB/HTG/0 1	4/L3	Overcurrent protective device rating exceeds the current carrying capacity of circuit, feeding multiple outlets/accessories - 433.1.1/533.2 - c	C2
42.	Heating DB/HTG/0 1	5/L1	Overcurrent protective device rating exceeds the current carrying capacity of circuit, feeding multiple outlets/accessories - 433.1.1/533.2 - c	C2
43.	Heating DB/HTG/0 1	5/L2	Overcurrent protective device rating exceeds the current carrying capacity of circuit, feeding multiple outlets/accessories - 433.1.1/533.2 - c	C2
44.	Heating DB/HTG/0 1	5/L3	Overcurrent protective device rating exceeds the current carrying capacity of circuit, feeding multiple outlets/accessories - 433.1.1/533.2 - c	C2

ELECTRICAL INSTALLATION CONDITION REPORT GUIDANCE FOR RECIPIENTS



This report is an important and valuable document which should be retained for future reference.

The purpose of this Condition Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service (see section 4). The Report should identify any damage, deterioration, defects and/or conditions which may give rise to danger.

The person ordering the Report should have received the 'Original' Report and the inspector should have retained a duplicate.

The 'original' Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, the Report will provide the new owner/ occupier with details of the condition of the electrical installation at the time the Report was issued.

Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested 6 monthly'. For safety reasons it is important that this instruction is followed.

Section 3 (Extent and Limitations) should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authorities, insurance company, mortgage provider and the like) before the inspection was carried out.

Some Operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these in section 3 – Extent and Limitations on page 1.

For items classified in the observations as C1 ('Danger present'), the safety of those using the installation is at risk, and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work immediately.

For items classified in the observation as C2 ('Potentially dangerous'), the safety of those using the installation may be at risk and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

Where it has been stated that an observation requires further investigation the inspection has revealed an apparent deficiency which may result in a Code 1 or Code 2, and could not, due to the extent or limitations of the inspection, be fully identified, such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the mature and extent of the apparent deficiency (See Section 7 – Recommendations).

For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated on page 2 of the Report under 'Recommendations' and on a label at or near to the consumer unit/ distribution board.