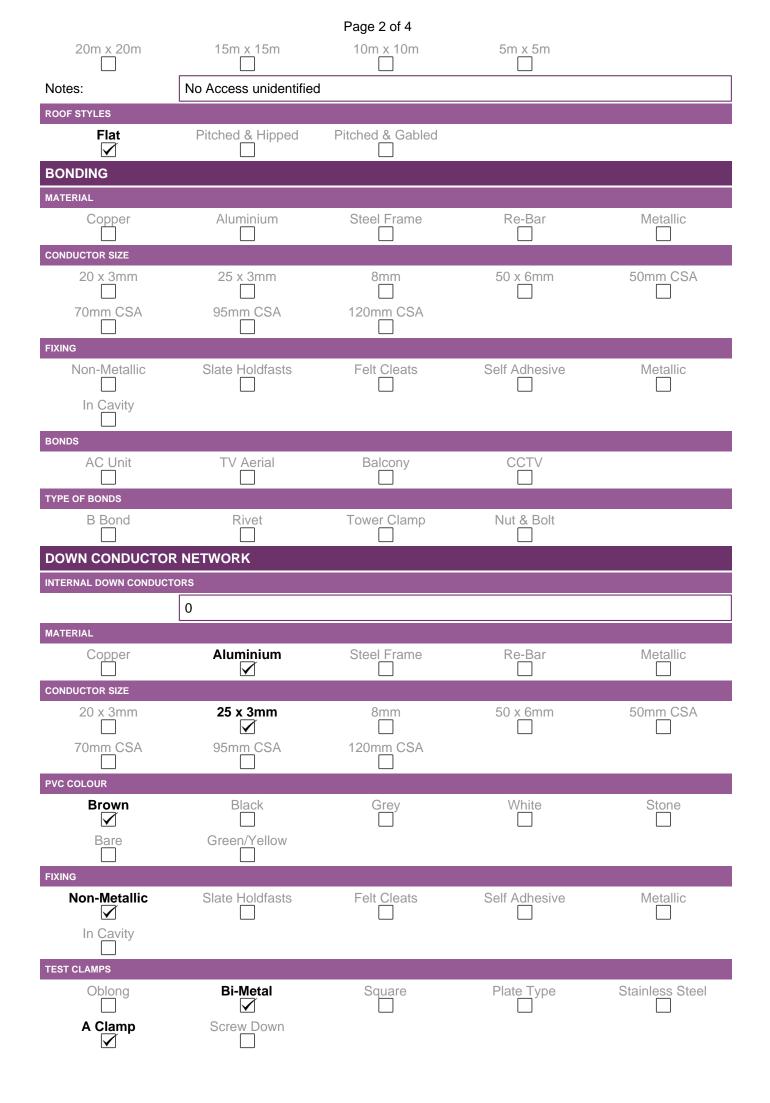


# Lightning Protection Inspection & Test Certificate

ATLAS NO. 0301 RE	EFERENCE PH/00078/2	3153	PASS / FAIL	.: PASS				
DETAILS OF CLIENT								
Name:	Leah Maddison							
Address:	Property Services, Cou	inty Hall, Durham, Coui	nty Durham, United Kingo	dom, DH1 5UL				
SITE ADDRESS	SITE ADDRESS							
Name:	Crook Park Avenue Sh	eltered Apartments						
Address:	Park Avenue Close, Cr	ook, DL15 9JR						
Work Type:	Inspection & Test							
Comments:	Inspection & Test The	code for the main doors	s is 1957A					
	NETWORK							
ROOF TYPE								
	Membrane							
ROOF COLOUR								
	Grey							
AIR RODS 500mm	1000mm	2000mm	None					
MATERIAL	Aluminium	Steel Frame	Re-Bar	Metallic				
	05	0.000	50 0	50,000				
20 x 3mm	25 x 3mm	8mm	50 x 6mm	50mm CSA				
70mm CSA	95mm CSA	120mm CSA						
PVC COLOUR								
Brown	Black	Grey	White	Stone				
Bare	Green/Yellow							
FIXING				<u></u>				
Non-Metallic	Slate Holdfasts	Felt Cleats	Self Adhesive	Metallic				
In Cavity								
MESH GRID SIZES								



### GROUND CONDITIONS

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Damp 

CONDUCTOR TYPES

Wet

High Level Bond 

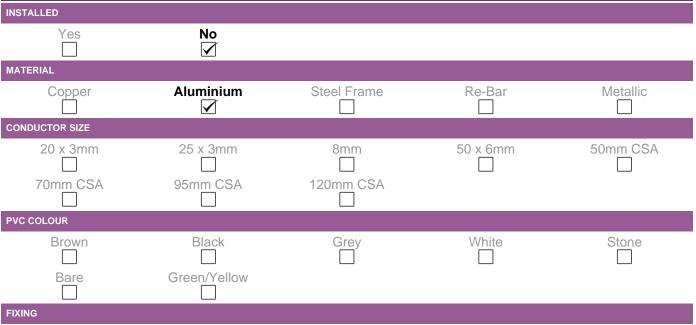
Dry

Low Level Bond

## EARTH TEST RESULTS

REF	RESISTANCE	GROUND TYPE	HOUSING TYPE	EARTHING TYPE	EARTH SIZE	EARTH LENGTH	TEST FACILITY	TEST POSITION	TEST METHOD	PASS OR FAIL?
E1	47.3 ohms	Soil	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E2	39.2 ohms	Tarmac	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E3	29.6 ohms	Tarmac	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E4	100 ohms	Soil	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E5	42 ohms	Soil	Plastic Furse	Electrode Copperbond	15 Dia	Other	A-Clamp	Housing	Dead	PASS
E6	45.2 ohms	Soil	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E7	57.2 ohms	Soil	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E8	53.4 ohms	Slab	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E9	62.6 ohms	Soil	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E10	87.6 ohms	Tarmac	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E11	61.7 ohms	Tarmac	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E12	53.1 ohms	Soil	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E13	51.5 ohms	Soil	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E14	41.3 ohms	Soil	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E15	46.5 ohms	Gravel	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E16	47.4 ohms	Soil	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E17	36 ohms	Slab	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E18	31.8 ohms	Slab	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
E19	7.55 ohms	Gravel	Plastic Furse	Electrode Copperbond	15 Dia	Other	Bi-Metallic	Wall	Dead	PASS
Thro	ugh System T	est:	1.5							
Mean Resistance: 1.950										

### EQUIPOTENTIAL CONDUCTOR



Page 4 of 4							
Non-Metallic	Slate Holdfasts	Felt Cleats	Self Adhesive	Metallic			
In Cavity							

SURGE PROTECTION					
MAIN INCOMER					
Quantity:	0				
Туре:	ESP 415/I/TNS				
Installation By:	Not Specified				
SUB DISTRIBUTION					
Quantity:	0				
Туре:	ESP 415/I/TNS				
Installation By:	Not Specified				
DATA INSTALLATION					
Quantity:	0				
Туре:	ESP 415/I/TNS				
Installation By:	Not Specified				
TELECOMS INSTALLATION					
Quantity:	0				
Туре:	ESP 415/I/TNS				
Installation By:	Not Specified				
INSPECTION & TESTING					
Date of Inspection:	13 July 2023				
Next Inspection Due:	July 2024				
Test Engineer:	Paul Haywood				
Instrument Ref:	N/A				

## DECLARATION OF CONFORMITY

Engineer:							
Signature	( Wintows	Date:	13 July 2023	Name:	Paul Haywood		
Reviewed By:							
Signature	fladdle	Date:	13 July 2023	Name:	Jade Embleton		