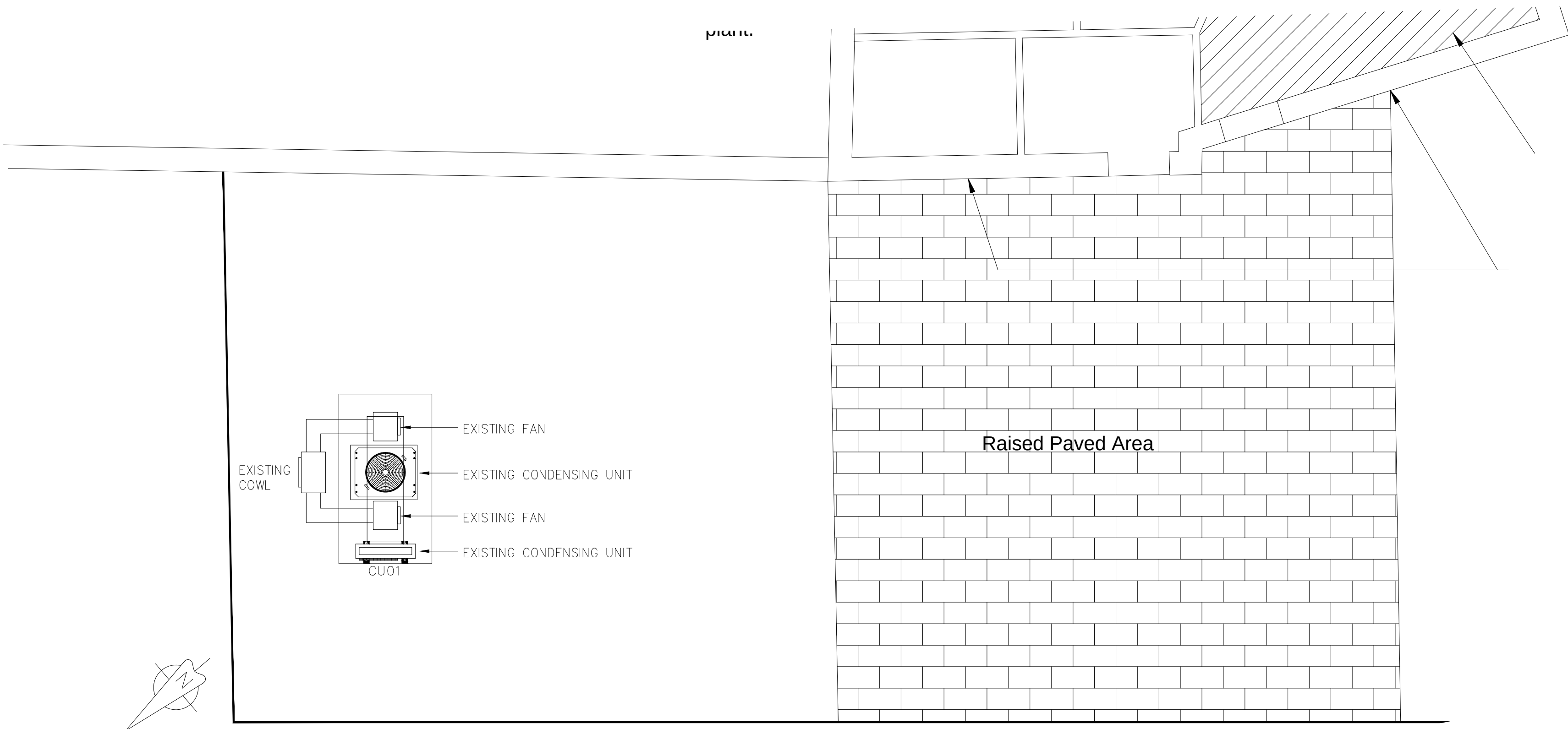


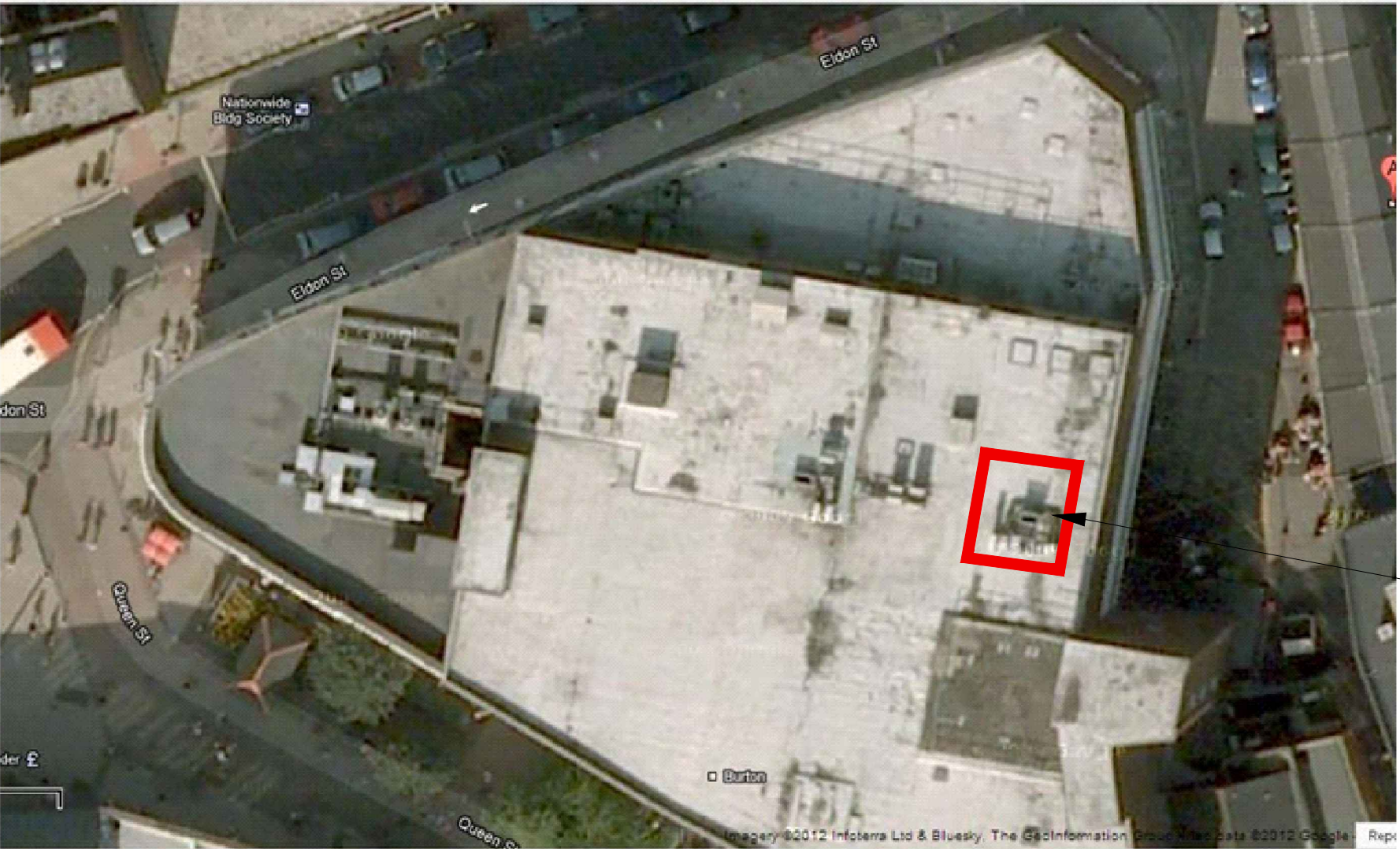


ROOF PLAN EXISTING

Schedule VRV Indoor Units Ground Floor														
FCU Ref	Manufacturer	Location	Type	Model Ref	Dimensions HxWxD	Weight Kg	Sensible Cooling	UK Heating	Power Supply	RC amps	Fuse Rating	Sound Pressure dBA (Max)	Control	Remarks
VRV/001/001	Daikin	ATM Room	Wall Mounted FCU	FXAQ32MV	290x795x230	11Kg	2.33Kw	3.05Kw	1ph/50/230	0.3A	5A	37dB	Remote Temp Sensor/Touch	
VRV/001/002	Daikin	Banking Hall	4 way ceiling Mounted cassette	FXFQ80P8	254x950x950	29.5Kg	5.83Kw	7.63Kw	1ph/50/230	0.7A	5A	38dB	Remote Temp Sensor/Touch	
VRV/001/003	Daikin	Banking Hall	4 way ceiling Mounted cassette	FXFQ80P8	254x950x950	29.5Kg	5.83Kw	7.63Kw	1ph/50/230	0.7A	5A	38dB	Remote Temp Sensor/Touch	
VRV/001/004	Daikin	Accessible IV Room 01	Wall Mounted FCU	FXAQ32MV	290x795x230	11Kg	2.33Kw	3.05Kw	1ph/50/230	0.3A	5A	37dB	Hard wired Controller/Touch	
VRV/001/005	Daikin	Cash Office	Wall Mounted FCU	FXAQ30MV	290x795x230	11Kg	2.33Kw	3.05Kw	1ph/50/230	0.3A	5A	42dB	Hard wired Controller/Touch	
Schedule VRV Indoor Units 1st Floor Floor														
FCU Ref	Manufacturer	Location	Type	Model Ref	Dimensions HxWxD	Weight Kg	Sensible Cooling	UK Heating	Power Supply	RC amps	Fuse Rating	Sound Pressure dBA (Max)	Control	Remarks
VRV/002/001		IV Room 02	Wall Mounted FCU	FXAQ32MV	290x795x230	11Kg	2.33Kw	3.05Kw	1ph/50/230	0.3A	5A	37dB	Hard wired Remote/Touch	
VRV/002/002		IV Room 03	Wall Mounted FCU	FXAQ32MV	290x795x230	11Kg	2.33Kw	3.05Kw	1ph/50/230	0.3A	5A	37dB	Hard wired Remote/Touch	
VRV/002/003		Open PB Area	4 Way Ceiling Cassette	FXFQ63P8	254x950x950	26.5Kg	4.47Kw	6.10Kw	1ph/50/230	0.7A	5A	52dB	Remote Temp Sensor/Touch	
VRV/002/004		Open PB Area	4 Way Ceiling Cassette	FXFQ63P8	254x950x950	26.5Kg	4.47Kw	6.10Kw	1ph/50/230	0.7A	5A	52dB	Remote Temp Sensor/Touch	
VRV/002/005		Admin/Bull Pen	4 Way Ceiling Cassette	FXZQ50M9	341x700x700	20.7Kg	3.43Kw	4.80Kw	1ph/50/230	0.7A	5A	41dB	Hard wired Remote/Touch	
VRV/002/006		Staff Room	4 Way Ceiling Cassette	FXFQ60P8	254x950x950	29.5Kg	3.47Kw	4.80Kw	1ph/50/230	0.5A	5A	33dB	Remote Temp Sensor/Touch	
VRV Branch selector Box Schedule														
BS Box Ref	Manufacturer	Location	Serving Indoor FCU Refs	Model Ref	Dimensions HxWxD	Weight Kg	Power Supply	RC amps	Fuse Rating					
BS01	Daikin	Ground Floor	VRV/001/001, 002,003 & 004	BSV6Q100PV	209x157x635	87Kg	1/50/230	TBC	TBC	I Touch Central Control				
BS02	Daikin	1st Floor	VRV/002/001, 002, 003, 004,005, & 006	BSV6Q100PV	209x157x635	87Kg	1/50/230	TBC	TBC	I Touch Central Control				
Schedule VRV HRU External Condensing Units														
VRV Cond Unit Ref	Manufacturer	Location	Type	Model Ref	Dimensions HxWxD	Weight Kg	Sensible Cooling	UK Heating	Power Supply	RC amps	Fuse Rating	Sound Pressure dBA (Max)	Control	Remarks
VRV/001/001	Daikin	1st floor Flat roof	VRV Heat Recovery Cond Unit	REYQ12P9	1680x930x765	240Kg	33.50Kw	37.50Kw	3Ph/50/400	14.9A	25A	60dB	Touch Central control	
VRV/002/001	Daikin	1st floor Flat roof	VRV Heat Recovery Cond Unit	REYQ12P9	1680x930x765	240Kg	33.50Kw	37.50Kw	3Ph/50/400	14.9A	25A	60dB	Touch Central control	
Split Direct Expansion Air Conditioning Unit Schedule														
Internal FCU Ref	Manufacturer	Location	Type	Model Ref	Dimensions HxWxD	Weight Kg	Sensible Cooling	UK Heating	Power Supply	RC amps	Fuse Rating	Sound Pressure dBA (Max)	Control	Remarks
ACU01	Daikin	Comms Room	Wall Mounted FCU	FTXS506	295x800x215	10Kg	3.14Kw	N/A	Supply From External Unit			43dB	Hard Wired f/ Touch	
Cond Unit Ref	Manufacturer	Location	Type	Model Ref	Dimensions HxWxD	Weight Kg	Sensible Cooling	UK Heating	Power Supply	RC Rating	Fuse Rating	Sound Pressure dBA (Max)	Control	Remarks
CU01	Daikin	1st Floor Flat Roof	Inverter Heat Pump Cond Unit	RXS50G	725x835x200	48Kg	3.14kw	N/A	1ph/50/230	6.62A	20A	49dB	Touch Central control	
Schedule Heat Recovery ventilation units														
Unit Ref	Manufacturer	Location	Model Ref	Dimensions HxWxD	Air Flow Rate m3/s	External Static Pressure Pa	Weight Kg	Power Supply	RC	Fuse Rating	Sound Pressure dBA (Max)	Control	Remarks	
HRU01	Daikin	1st Floor Flat Roof	VAM2000FA External	726x1514x1156	0.555m3/s	137Pa	158Kg	1ph/50/230	6.0A	15A	42.5dB	Hard wired Remote/Touch	EXTERNALLY MOUNTED	
Over Door Heater Schedule														
Unit Ref	Manufacturer	Location	Model Ref	Dimensions LxH	Electrical Supply	Heat Output KW	Load Per Phase amps	Max Air Velocity	Weight	Sound Pressure dBA				
TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC	TBC	Interface with touch control For on off Operation			

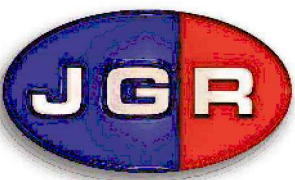
NOTES:

1. TASK LIGHT AND IP RATED POWER OUTLET TO BE INSTALLED FOR MAINTENANCE PURPOSES.



EXISTING AND PROPOSED PLANT LOCATION

A	AMENDED TO SHOW PLANNING DETAILS	23/10/12	
REV	DESCRIPTION	BY	CHKD



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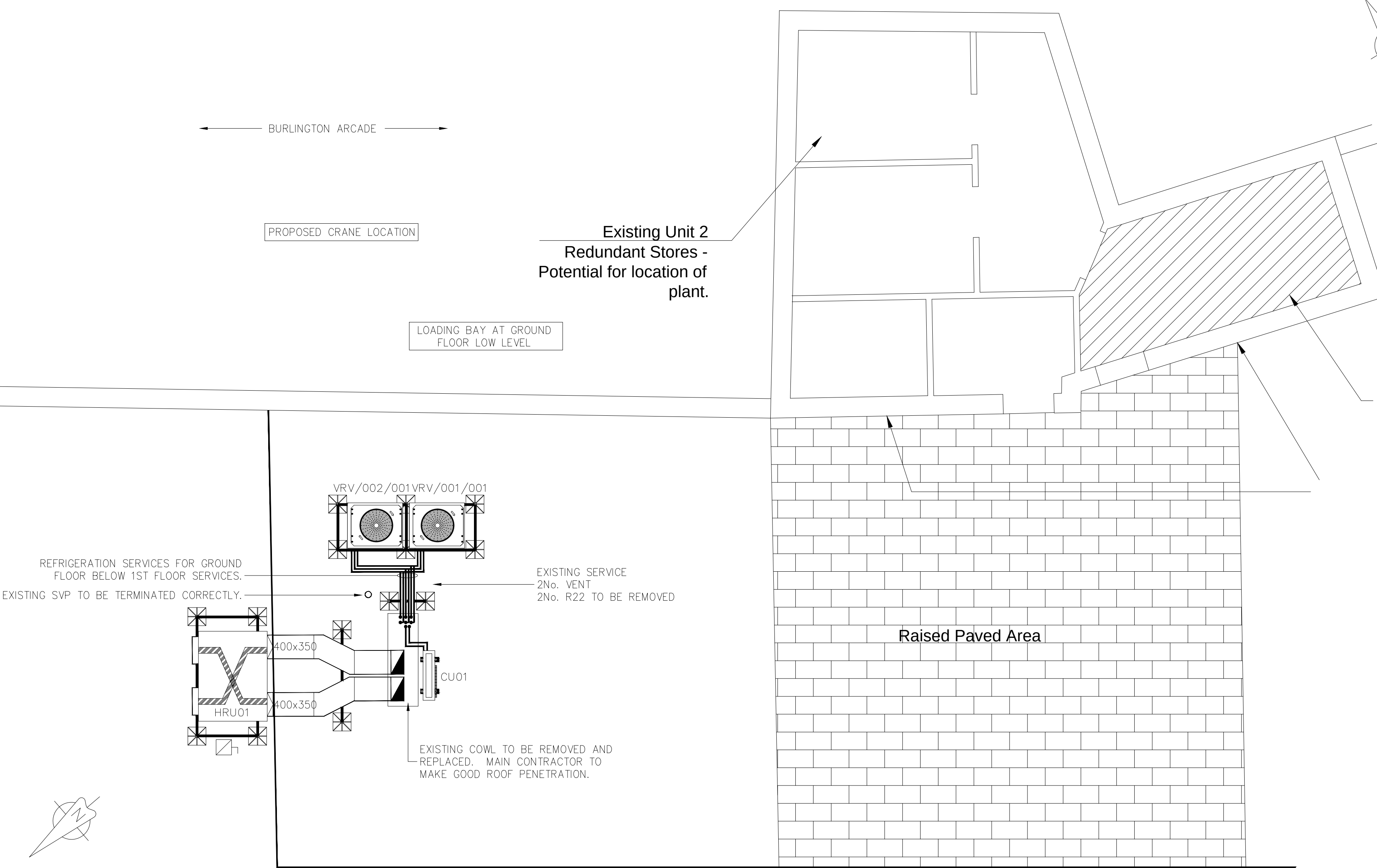
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PROJECT:
BARNSELY

DRAWING TITLE:
ROOF LAYOUT

DRAWING STATUS:
DRAFT DESIGN

DRAWN V Evison	CHECKED A Hastings	APPROVED
DATE 11/09/12	DATE 11/09/12	DATE
JOB No 20062	DESIGN ENGINEER A Hastings	
DRAWING No JGR-20062-16	REV A	SCALE 1: 50@A1



ROOF PLAN PROPOSED