

O'Neill Reference: SCCph1110.stat.ph

PLANNING & LISTED BUILDING CONSENT
APPLICATIONS FOR THE REPLACEMENT OF
EXISTING SATELLITE EQUIPMENT AND
CABLING, AND INSTALLATION OF A NEW
CABLE RUN

PARNELL HOUSE, CAMDEN, WC1A 1JB

PLANNING, DESIGN & ACCESS
STATEMENT

October 2011



Chartered Town Planning Consultants

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I.0 INTRODUCTION

- I.1 This statement has been prepared in support of revised planning and listed building consent applications for the installation of satellite equipment to serve residential flats within Parnell House, Camden. The apparatus is required to provide digital television services to each residential unit, and will comprise two 800mm satellite dishes, one aerial, a headend enclosure and cabling. All existing external satellite apparatus not connected with the new system will be removed on approval and completion of the proposed works.
- I.2 Parnell House is located at the junction of Dyott Street and Streatham Street (Location Plan, Appendix 1). It is a five storey tenement-style building formed around a courtyard, and constructed in brick with stucco sill bands at second and fourth floor level. The building was constructed in 1849 on behalf of the Society for Improving the Condition of the Labouring Classes to provide model dwellings for the working class. It is Grade II* listed and is located within the Bloomsbury Conservation Area. Photographs of the site are included in Appendix 3, and listing details are in Appendix 4.
- I.3 Planning and listed building consent applications (ref. 2010/3800/P and 2010/3802/L) for a communal aerial and satellite TV system to serve Parnell House were first submitted in August 2010. The proposals were for two satellite dishes and one aerial array to be mounted on a chimney at the roof of the Dyott Street elevation of Parnell House, with new cabling to be installed on the courtyard-facing elevations of the building.
- I.4 The applications were refused by Council on 17 September 2010, as the proposals were deemed to have a 'detrimental impact on the historic courtyard elevations of the listed building and would fail to preserve or enhance the character of the conservation area'. As such the development was considered to be contrary to

policies contained within the Unitary Development Plan (now replaced) and the then emerging Core Strategy and Development Policies documents.

- 1.5 Following the refusal, the applicant has produced revised proposals to provide the digital television system based on the location of the existing telecommunications apparatus and cabling at Parnell House. The two 800mm satellite dishes and aerial will replace the existing apparatus on the roof of the south west corner of the building. All cabling required for the system will replace existing routes already serving the residential units, with the exception of one new route which is proposed along the courtyard-facing elevations.

2.0 DESIGN LAYOUT, SCALE AND APPEARANCE

- 2.1 Two 800mm satellite dishes, an aerial and a 1000 x 800 x 300mm headend enclosure are proposed to be mounted on a tank room located on the roof of Parnell House above the southern corner of the courtyard. The dishes and headend enclosure will be mounted on the tank room wall which faces toward Streatham Street, and the aerial will be pole-mounted on the side elevation of the tank room, replacing the existing aerial in that location (Photograph 9). The satellite dishes and headend will be positioned below the top of the tank room. The aerial will be a standard pole mounted aerial with television, FM and DAB antennae and it is anticipated it will be a maximum of 3m above roof level, although its exact height will be confirmed at a further site survey. All other telecommunications apparatus, such as the satellite dish and aerials identified in Photographs 8, 9 and 12 will be removed as part of the proposed works.
- 2.2 Existing cabling will be replaced on two vertical runs on the Streatham Street elevation (Photographs 2 and 3), four vertical runs on the Dyott Steet elevation (Photograph 4) and two vertical runs on the courtyard-facing elevations (Photographs 5-7 and 13-14). One new horizontal cable route is proposed on the courtyard-facing

elevations although this will be installed beneath the ledge between third and fourth levels (Photographs 5, 7 and 10-13). The cabling is brown to match the brickwork and will be attached using catenary wire with fixings to hold it in place and prevent sagging. Where the vertical cable runs cross the white banding, the cabling can be coloured white or chased in and made good as required.

- 2.3 The locations of the equipment and cabling are illustrated in the Site Plan in Appendix 2, and the technical details for the apparatus are included in Appendix 5.

3.0 ACCESS

- 3.1 Access will only be required for the initial installation of the apparatus and for maintenance thereafter. It is anticipated that initial installation would take a maximum of 2 days and work would take place within normal working hours. All installation work is to be undertaken in accordance with current Health and Safety regulations and standards.

- 3.2 Given the above, we do not consider that a full statement on access is applicable to this application.

4.0 APPRAISAL

- 4.1 The applications comprise revised proposals for satellite equipment which will allow digital services to be provided to all residential units within Parnell House. The proposals are based on the replacement of existing apparatus and removal of other equipment not required for the new digital system.

- 4.2 The two satellite dishes and headend enclosure will be located below the top of the tank room wall facing toward Streatham Street. They will not be visible from the courtyard, and as the tank room is set well back from the south western edge of the

building they would also not be visible from Streatham Street. The existing dish shown in Photographs 8 and 9, which is visible from the courtyard, will be removed.

- 4.3 The existing aerial shown in Photograph 9 will be replaced with a new aerial with television, FM and DAB antennae. The new aerial will be the minimum size required to gain an adequate reception for the system, which is anticipated to be approximately 3m above the roof height. The replacement aerial will therefore not exceed the height of the existing aerial. All other aerials located on the roof of Parnell House will be removed as part of the works.
- 4.4 The majority of the cabling for the system will use existing cabling routes. Only one new cable route is proposed and this will be concealed underneath the ledge at the fourth floor level of Parnell House. The cabling will be coloured brown to match the existing brickwork, which will be less visually prominent than the existing cabling.
- 4.5 It is considered that the impact of the apparatus has been minimised and that the proposals would not have a detrimental effect on the existing character or appearance of the listed building or the Conservation Area. The proposals are therefore not contrary to Core Strategy policy CS14 (Promoting High Quality Places and Conserving Our Heritage) or Development Policies DP24 (Securing High Quality Design) and DP25 (Conserving Camden's Heritage), and we respectfully request the application is permitted.

APPENDIX I

Location Plan

APPENDIX 2

Site Plan

APPENDIX 3

Photographs



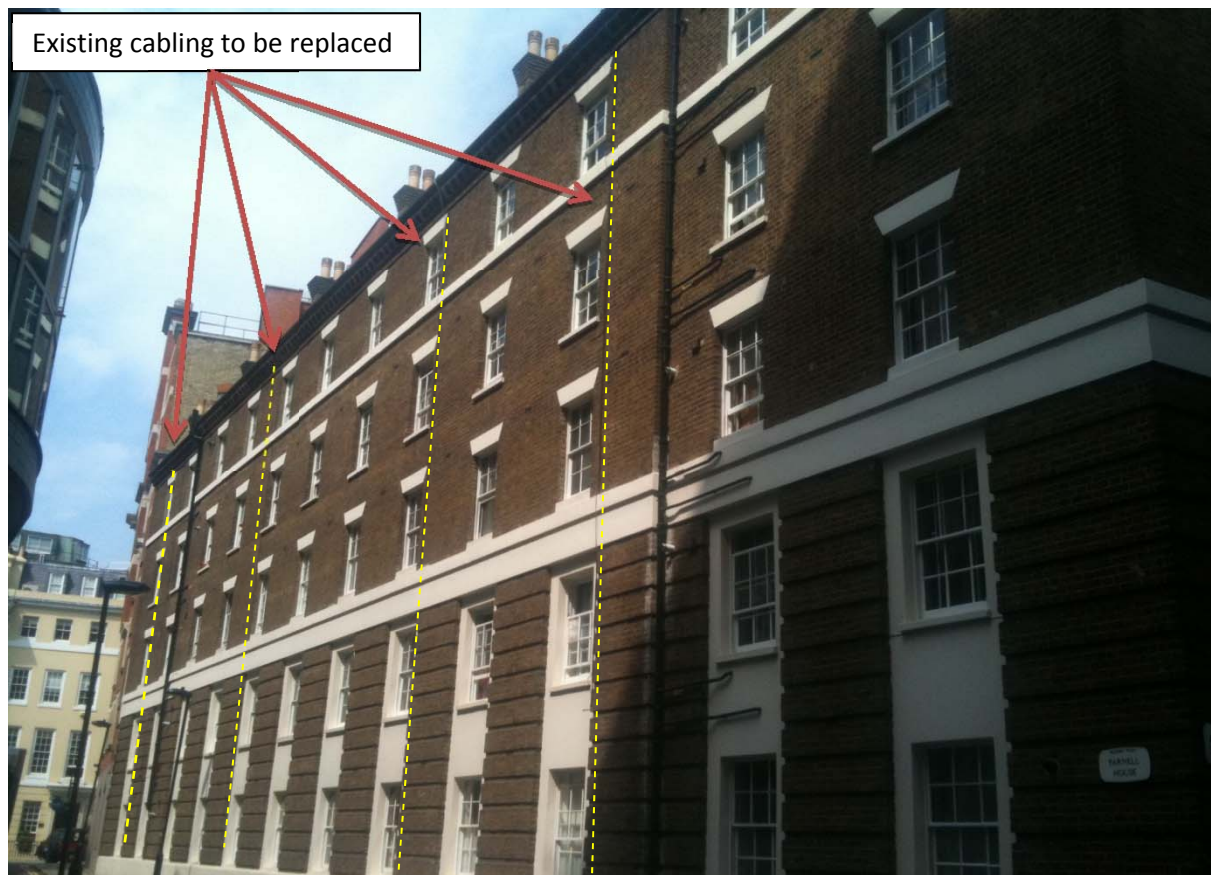
Photograph 1 – Parnell House from Dyott Street to the south



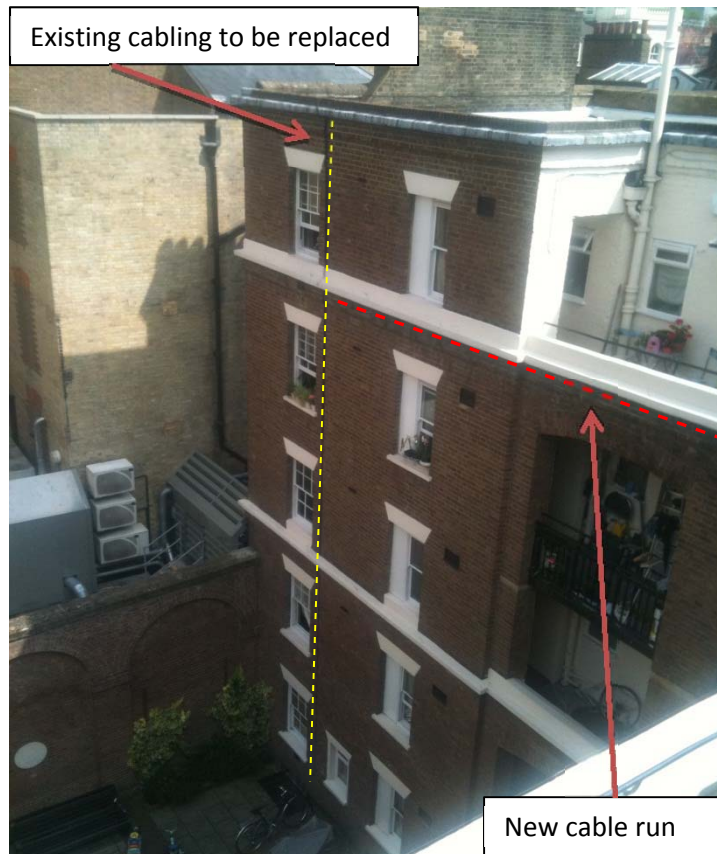
Photograph 2 – Streatham Street elevation from junction with Dyott Street



Photograph 3 – Streatham Street Elevation



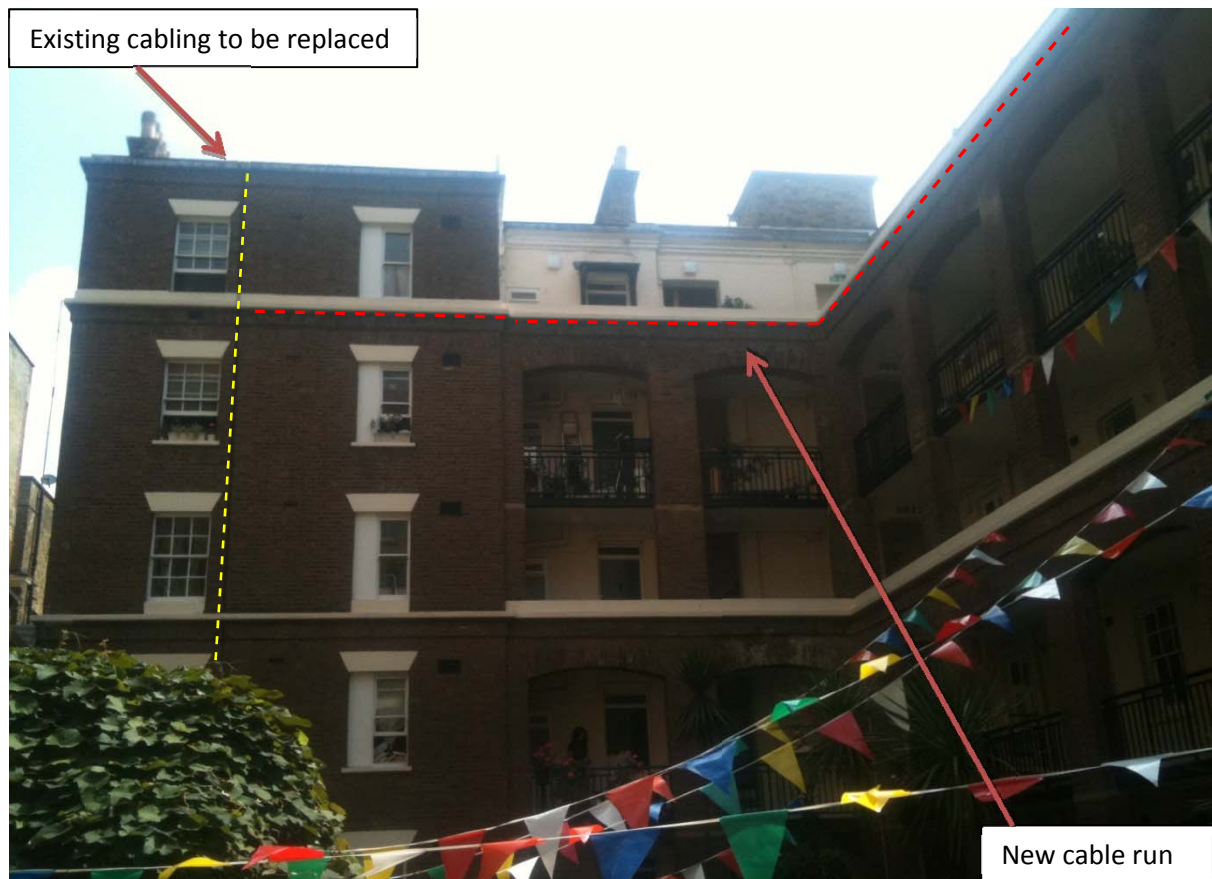
Photograph 4 – Dyott Street Elevation



Photograph 5 – North west facing elevation of Courtyard



Photograph 6 – Existing cabling at north west elevation facing of Courtyard



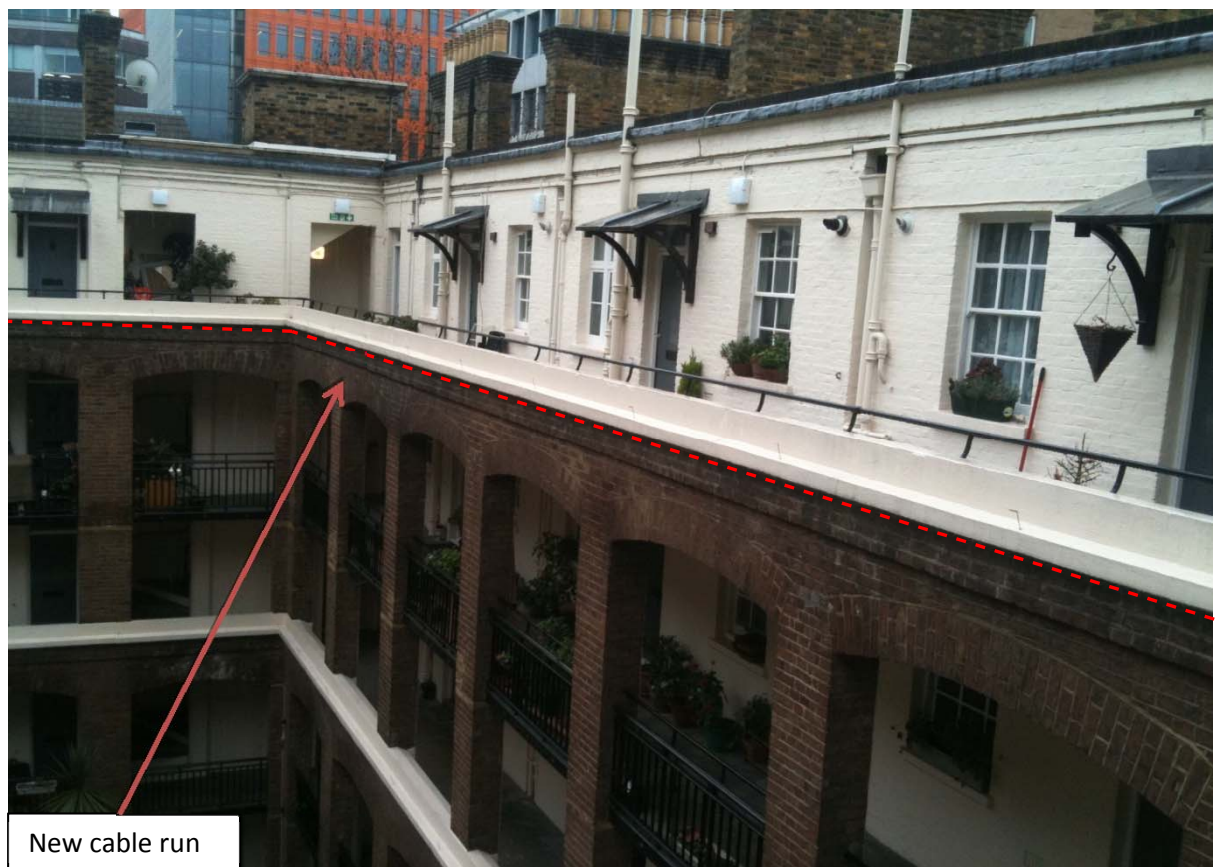
Photograph 7 – North west and north east facing elevations of Courtyard



Photograph 8 – Roof of north west facing elevation of courtyard



Photograph 9 – Roof of north west facing elevation of courtyard



Photograph 10 – North east facing elevation of Courtyard



Photograph 11 – North east facing elevation of Courtyard



Photograph 12 – North east facing elevation of Courtyard



Photograph 13 – South east facing elevation of Courtyard



Photograph 14 – Existing cabling to be replaced at South east facing elevation of Courtyard

APPENDIX 4

Listed Building details for Parnell House

List Entry Summary

This building is listed under the Planning (Listed Buildings and Conservation Areas) Act 1990 as amended for its special architectural or historic interest.

Name: PARNELL HOUSE

List Entry Number: 1378865

Location

PARNELL HOUSE, STREATHAM STREET

The building may lie within the boundary of more than one authority.

County: Greater London Authority

District: Camden

District Type: London Borough

Parish:

National Park: Not applicable to this List entry.

Grade: II*

Date first listed: 14-May-1974

Date of most recent amendment: Not applicable to this List entry.

Legacy System Information

The contents of this record have been generated from a legacy data system.

Legacy System: LBS

UID: 478225

Asset Groupings

This List entry does not comprise part of an Asset Grouping. Asset Groupings are not part of the official record but are added later for information.

List Entry Description

Summary of Building

Legacy Record - This information may be included in the List Entry Details.

Reasons for Designation

Legacy Record - This information may be included in the List Entry Details.

History

Legacy Record - This information may be included in the List Entry Details.

Details

CAMDEN

TQ2981SE STREATHAM STREET
798-1/104/1544 (North side)
14/05/74 Parnell House

II*

Block of artisans' flats. 1849. By Henry Roberts. For The Society for Improving the Condition of the Labouring Classes. Interiors replanned c1985. Yellow stock brick with rusticated stucco 1st & 2nd floors, and stucco dressings. Fireproof construction of brick load-bearing walls and arched hollow-brick floors. L-shaped plan. EXTERIOR: 5 storeys and basement (top storey added later). 6 bays and 12-window return to Dyott Street. Stucco doorway surround with architrave, console-bracketed cornice and pediment. Plain stucco band at 2nd floor level inscribed "MODEL HOUSES FOR FAMILIES". Square-headed recessed sash windows with stucco lintels in form of gauged flat arches; ground and 1st floor windows in stucco recesses. Stucco sill bands at 2nd and 4th floors, and stucco plinth. Bracketed brick cornice. Open galleries in courtyard, supported by brick piers which span 2 floors, give access to flats comprising kitchen and scullery, living room and mostly with 2 bedrooms. INTERIORS: not inspected. HISTORICAL NOTE: originally known as Streatham Street Buildings, they are the earliest surviving example of flats to provide accommodation for the "deserving poor" in regular employment. The second earliest survivor is New Court, Flask Walk (qv).

Listing NGR: TQ3000581476

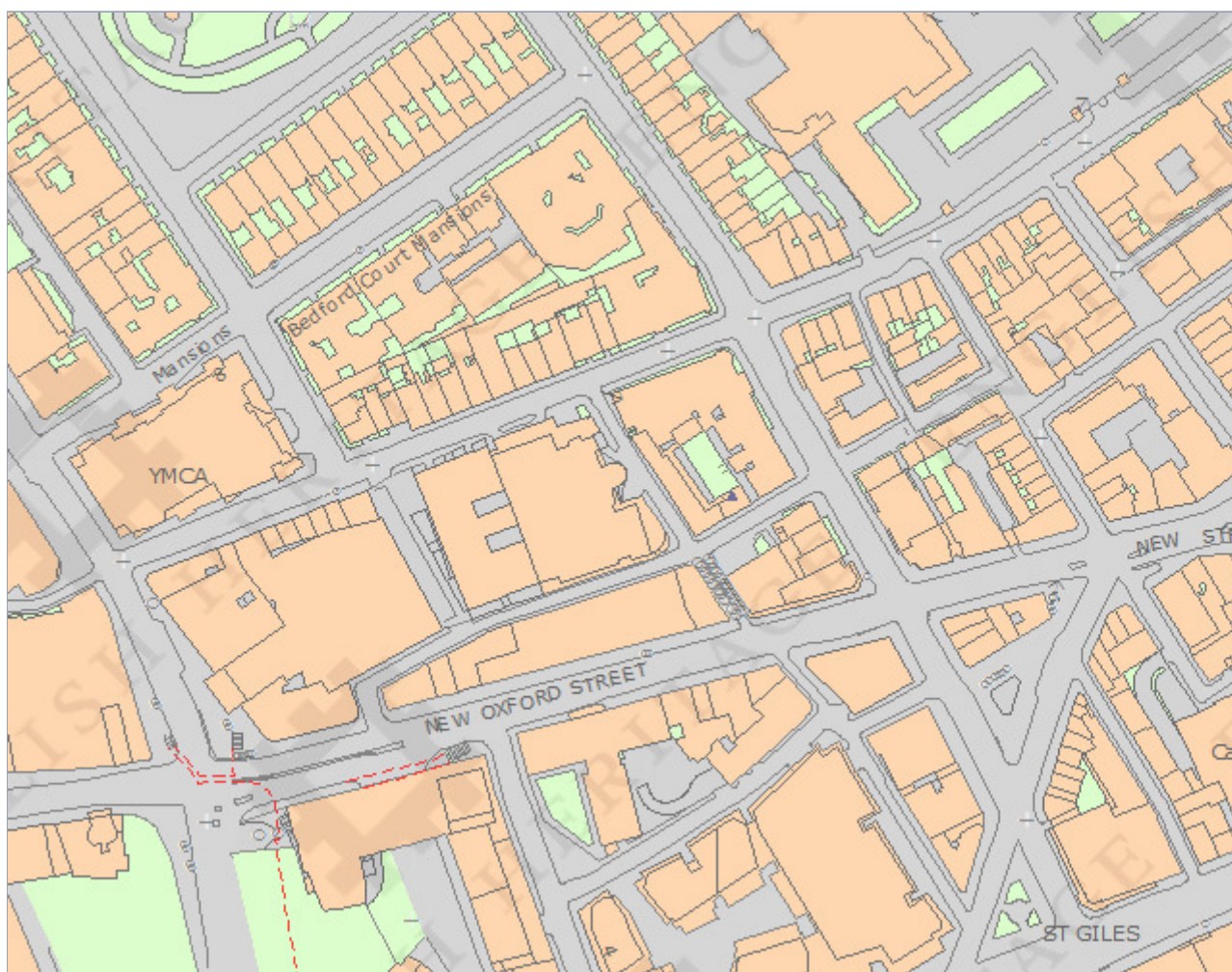
Selected Sources

Legacy Record - This information may be included in the List Entry Details.

Map

National Grid Reference: TQ 30005 81476

The below map is for quick reference purposes only and may not be to scale. For a copy of the full scale map, please see the attached PDF - [1378865.pdf](#)



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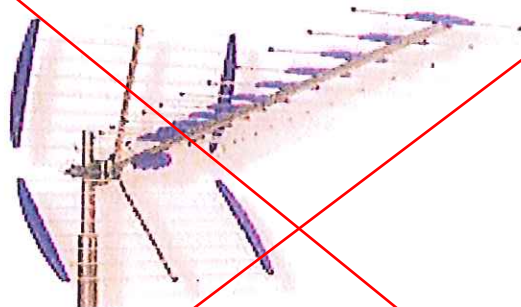
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APPENDIX 5

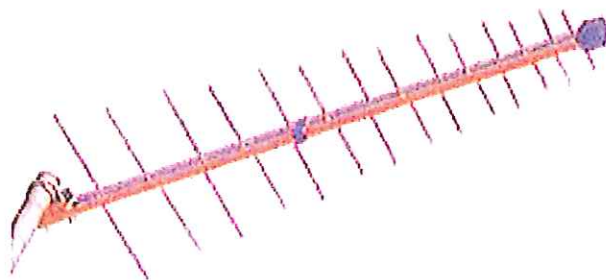
Manufacturers Technical Specifications

Alpha TV (UHF) Antennas



ALPHA 15
PGN 22115
Wideband Digital Antenna

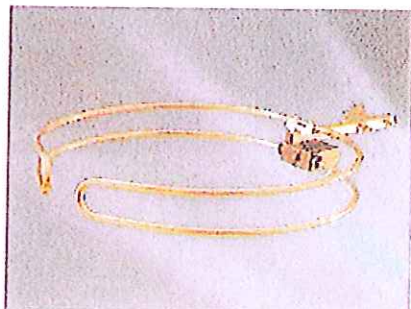
Elements	Polarization Adjustment	H/V Beamwidth	Band	Channels	Windload 150km/hr	Max. Gain (dB)	Length (mm)	Front to Rear Ratio
25	H/V	35° / 42°	UHF	21 - 69	11Kp	15.5	1090	28



ALPHA 14LP
PGN 22121
Log Periodic Digital Antenna

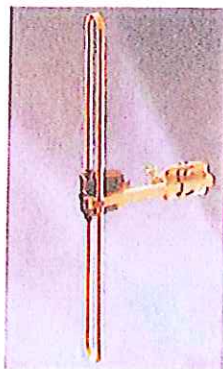
Elements	Polarization Adjustment	H/V Beamwidth	Band	Channels	Windload 150km/hr	Max. Gain (dB)	Length (mm)	Front to Rear Ratio
16	H	40° / 35°	UHF	21 - 69	6.5Kp	14	1000	28

Alpha Radio Antennas



ALPHA FMO
PGN 22201
FM Omni-directional Antenna

Elements	Polarization Adjustment	H/V Beamwidth	Band	Frequency (MHz)	Impedance	Max. Gain (dB)	Diameter (m)	Connection
1	H	360°	FM	87.5-108	75Ω	1	0.57	'F' type



ALPHA DAB-1
PGN 22301
Digital Audio Broadcast (DAB) Omni Antenna

Elements	Polarization Adjustment	Height	Band	Frequency (MHz)	Impedance	Max. Gain (dB)	Length (mm)	Connection
1	V	67.5cm	VHF 3	217 - 230	75Ω	2.2	n/a	'F' type

Satellite Dish Antennas (offset)



PGN 22680

80cm Offset

(LNB not Included)

Specifications:

Reflector Dimension	88 x 83cm
Dish Material Thickness	Galvanized Steel: 0.70mm
Surface Treatment	Epoxy-Polyester Powder Coat
Mounting	Wall / Pole Universal
Mounting Material	Hot-Galvanized Steel
LNB clamp size	40mm
Elevation	5° - 57°
Efficiency (%)	80
f/d Ratio	0.65
Cross Polarization	>27.0

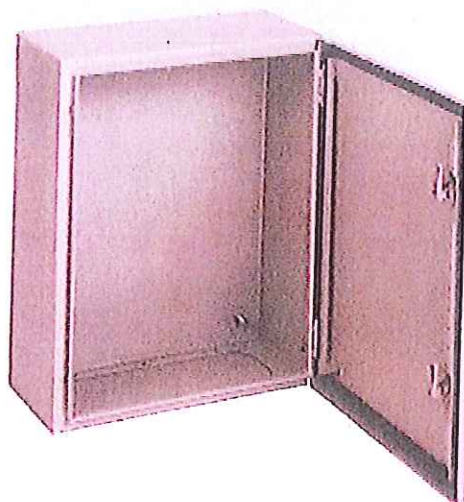
Gain(dBi):

Beamwidth (°) Elevation / Azimuth:

39.7	2, 14 / 2, 2	@12.5GHz
39.5	1, 9 / 2, 1	@12.0GHz
39.2	1, 9 / 2, 1	@11.5GHz
38.8	1, 9 / 2, 1	@11.0GHz
38.2	1, 9 / 2, 1	@10.5GHz

2.1

Enclosures Wall Mounted Steel Enclosures CRN IP-55



Steel enclosures made from a continuous length of sheet steel double folded at the front, with back welded to the frame. Both externally and internally protected with polyester epoxy resin grey paint to RAL-7032 texturised.

■ CRN...KT series includes a transparent tempered glass door.

■ mounting plate supports are depth adjustable.

■ reinforced sections in solid doors with drill holes for wiring, from model CRN-54/200 upwards.

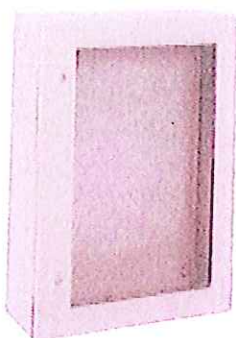
■ reversible door, opening 120° in either direction.

■ possibility of mounting the enclosure on a ZUN plinth (100 and 200 mm. high) in the case of 600, 800 and 1000mm. wide by 300 mm. deep models.

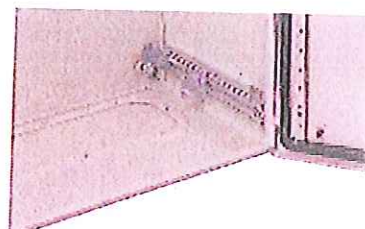
external dimensions (mm)			enclosures				weight * (Kg)	mounting plates				movable plate support	DIN rail frame	19" fixed and swing frames	internal door
Height (A)	Width (B)	Depth (C)	product reference	product reference with transparent door	fig.	cable entry		metal	insulating	perforated	universal				
250	200	150	CRN-2520/150	-	1	0	3,2	•	•	•	•				
300	250	150	CRN-3025/150	CRN-3025/150 KT	1	A	4,2	•	•	•	•				
300	250	200	CRN-3025/200	CRN-3025/200 KT	1	A	4,9	•	•	•	•				
300	300	150	CRN-33/150	CRN-33/150 KT	1	B	5	•	•	•	•				
300	300	200	CRN-33/200	CRN-33/200 KT	1	B	6	•	•	•	•				
300	400	200	CRN-34/200	CRN-34/200 KT	1	C	6,4	•	•	•	•				
400	300	150	CRN-43/150	CRN-43/150 KT	1	B	6	•	•	•	•				
400	300	200	CRN-43/200	CRN-43/200 KT	1	B	6,8	•	•	•	•				
400	400	200	CRN-44/200	CRN-44/200 KT	1	C	8	•	•	•	•				
400	600	250	CRN-46/250	CRN-46/250 KT	1	D	10	•	•	•	•				
400	600	300	CRN-46/300	CRN-46/300 KT	1	D	11,2	•	•	•	•				
500	400	150	CRN-54/150	CRN-54/150 KT	2	B	8,7	•	•	•	•				
500	400	200	CRN-54/200	CRN-54/200 KT	2	C	9,8	•	•	•	•				
500	400	250	CRN-54/250	CRN-54/250 KT	2	C	11	•	•	•	•				
500	500	250	CRN-55/250	CRN-55/250 KT	2	D	12,8	•	•	•	•				
600	400	150	CRN-64/150	CRN-64/150 KT	2	B	9,3	•	•	•	•				
600	400	200	CRN-64/200	CRN-64/200 KT	2	C	10,8	•	•	•	•				
600	400	250	CRN-64/250	CRN-64/250 KT	2	C	12,3	•	•	•	•				
600	500	150	CRN-65/150	CRN-65/150 KT	2	B	11,3	•	•	•	•				
600	500	200	CRN-65/200	CRN-65/200 KT	2	D	14,3	•	•	•	•				
600	500	250	CRN-65/250	CRN-65/250 KT	2	D	16,3	•	•	•	•				
600	600	200	CRN-66/200	CRN-66/200 KT	2	D	-	•	•	•	•				
600	600	250	CRN-66/250	CRN-66/250 KT	2	D	18,2	•	•	•	•				
600	600	300	CRN-66/300	CRN-66/300 KT	2	D	19,8	•	•	•	•				
600	800	300	CRN-68/300	CRN-68/300 KT	2	E	26	•	•	•	•				
700	500	200	CRN-75/200	CRN-75/200 KT	2	D	17,3	•	•	•	•				
700	500	250	CRN-75/250	CRN-75/250 KT	2	D	19,3	•	•	•	•				
800	600	200	CRN-86/200	CRN-86/200 KT	2	D	21,8	•	•	•	•				
800	600	250	CRN-86/250	CRN-86/250 KT	2	D	24,8	•	•	•	•				
800	600	300	CRN-86/300	CRN-86/300 KT	2	D	26,3	•	•	•	•				
800	600	400	CRN-86/400	CRN-86/400 KT	2	D	-	•	•	•	•				
800	800	200	CRN-88/200	CRN-88/200 KT	2	E	29,5	•	•	•	•				
800	800	300	CRN-88/300	CRN-88/300 KT	2	E	32,5	•	•	•	•				
800	1000	300	CRN-810/300**	-	4	E	37	•	•	•	•				
1000	600	250	CRN-106/250	CRN-106/250 KT	2	D	28,4	•	•	•	•				
1000	600	300	CRN-106/300	CRN-106/300 KT	2	D	30,6	•	•	•	•				
1000	800	250	CRN-108/250	CRN-108/250 KT	2	E	34,5	•	•	•	•				
1000	800	300	CRN-108/300	CRN-108/300 KT	2	E	37,4	•	•	•	•				
1000	800	400	CRN-108/400	CRN-108/400 KT	2	E	-	•	•	•	•				
1000	1000	300	CRN-1010/300**	CRN-1010/300 KT	4 (KT:3)	F	46,7	•	•	•	•				
1000	1200	300	CRN-1012/300**	-	4	F	41	•	•	•	•				
1200	800	300	CRN-128/300**	CRN-128/300 KT	3	F	-	•	•	•	•				
1200	800	400	CRN-128/400	CRN-128/400 KT	3	F	-	•	•	•	•				
1200	1000	300	CRN-1210/300**	-	4	F	53,4	•	•	•	•				
1200	1000	400	CRN-1210/400**	CRN-1210/400 KT	4	F	-	•	•	•	•				

* Weight of enclosures with normal door. ** Enclosures with triple action lock

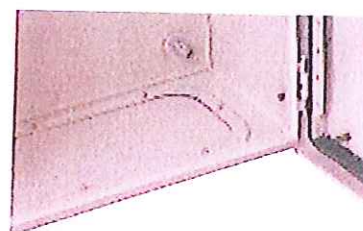
• DIN rail DL
○ DIN rail DLM



Enclosures with transparent tempered glass door, maintaining IP-55 protection.



Movable plate support with positions every 12.5 mm. Front part has M6 Ø drill holes to enable various items to be fitted.



Close up of back of enclosure with 4 M8 x15 welded studs for fixing the mounting plate, and wall fixing holes closed with plastic plugs.



Two M6 x 15 welded earth pins on the base and a M6 x 15 pin in the door.

Dimensions (mm.)

