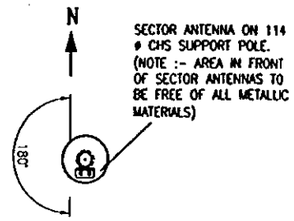
THIS DRAWING TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWING Nos.

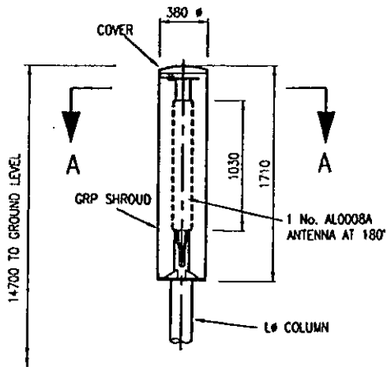
1. 30/BRK7032E/02

EQUIPMENT COLOURS
(SPECIFIED BY BS No.)

1. LAMPPOST: STANDARD GALVANISED FINISH
2. CABINET: MIDNIGHT GREEN (BS 4800 12 B 29)
3. ANTENNA: N/A



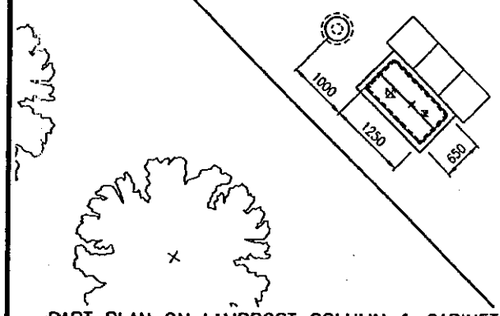
SECTIONAL PLAN ON A-A



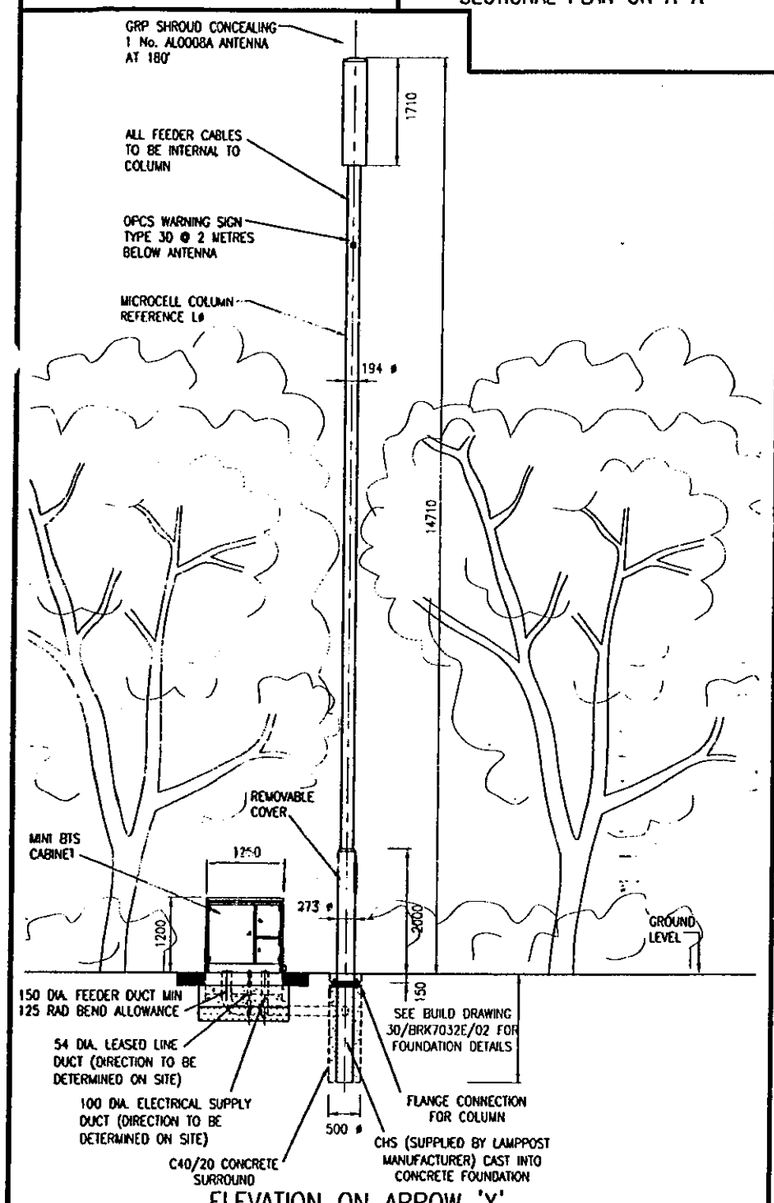
SECTIONAL ELEVATION

SHROUD / ANTENNA DETAILS

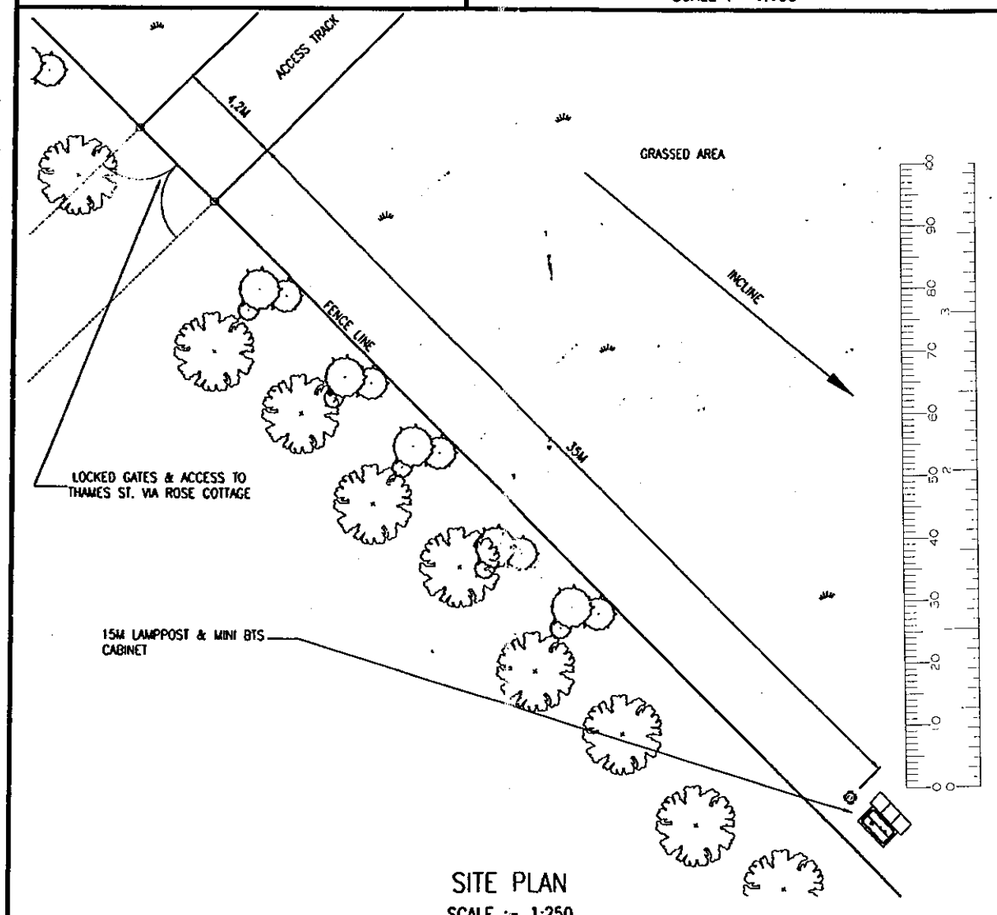
SCALE :- 1:50



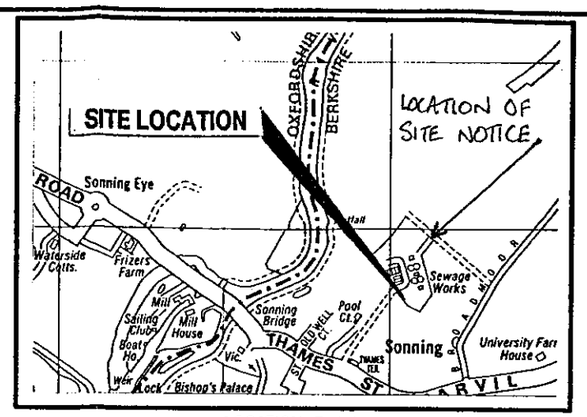
PART PLAN ON LAMPPOST COLUMN & CABINET
SCALE :- 1:100



ELEVATION ON ARROW 'X'
SCALE:- 1:100

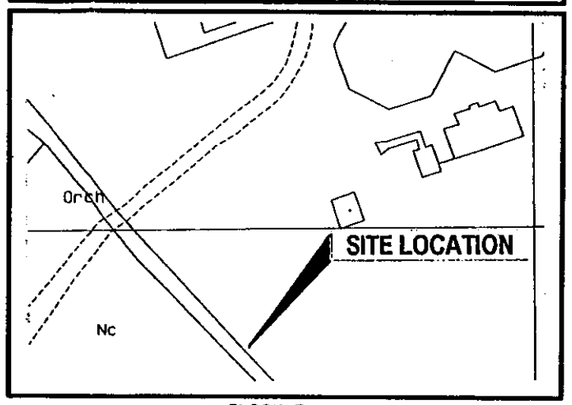


SITE PLAN
SCALE :- 1:250



LOCATION PLAN

National Grid Reference E 476045 N 175777



BLOCK PLAN
1:1250

UTILITIES KEY

UTILITY TYPE	CONTACT NAME	TEL. No.	SURVEY REPORT RETURN DATE
ELECTRICITY	SOUTHERN ELECTRIC	01189 465500	25/10/99
GAS	TRANSCO	02380 258258	28/10/99
WATER	THAMES WATER	0645 200800	09/11/99
SEWER	THAMES WATER	0645 200800	09/11/99
B.T.	BT	DIAL100 - ASK FOR DAL BEFORE YOU DIG	-
OTHERS	-	-	-

PLANS ARE AVAILABLE AT THE OFFICES OF ORANGE PCS LTD. & FROM THE RELEVANT STATUTORY UNDERTAKERS SHOWING THE EXTENT OF SERVICES IN THE FOOTWAY

ANTENNA KEY

ITEM	FUNCTION / LINK No.	SECTOR	TYPE / SIZE	BEARING	HEIGHT TO C/L OF ANTENNA FROM GL (mm)	HEIGHT TO CENTRE OF DISH FROM GL (mm)	REMOTE LNA / RFU (Y/N)
A1	TXRX	-	ALOOO8A	180°	14675	N/A	N
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

FEEDER KEY

TO	QTY:	TYPE:	OUTER DIA.(mm)	MIN BEND RAD.(mm)	LENGTH (m)	COLOUR	NAME
A1	2	LDF 450	16	125	17.5	BLACK	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REC SUPPLY REQUIRED FOR POWER

SITE NUMBER 30/BRK7032E/01

CONSULTANT

Patrick Farfan
ASSOCIATES LIMITED

Head Office
Saint Cuthberts, Fourth Avenue, Trafford Park, Manchester. M17 1DB
Tel 0161 877 7007
Fax 0161 877 4411

South East Office
Salamander Quay West, Park Lane, Harefield, Middlesex. UB9 6NZ
Tel 01895 823 700
Fax 01895 821 214

Offices also located in :- Stirling, Birmingham, Belfast & Austria

THIS SITE CONFORMS TO OPCS RADIO SITE DESIGN DOC: SPEC253 WITH THE FOLLOWING EXCEPTIONS:

1.
2.
3.
4.

REV	DESCRIPTION	SITE CONTROLLER	DATE	DESIGN	DATE
A	NGR AMENDED.	GP	3.5.2000	GP	03.05.00
0	INITIAL ISSUE	GP	090200	GP	090200

SCALE:-	AS SHOWN	CHECKED	GP
		DATE	090200
DRAWN	GD	APPROVED	GP
DATE	5/01/2000	DATE	090200

A3 ORIGINAL

INCHES
0 1/2 1
0 5 10 15 20 25 30 35

MILLIMETRES

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED

OPTION NAME
IACR

SITE ADDRESS
IACR CENTRE FOR AQUATIC PLANT MANAGEMENT
BROADMOOR LANE SONNING READING
RG4 6TH

TITLE
MICROCELL - THAMES ST.
SONNING
LAMPPOST MOUNTED ANTENNA
GENERAL ARRANGEMENT

DRAWING NUMBER
30/BRK7032E/01

REV
A

CLIENT

orange

Hutchison Telecom

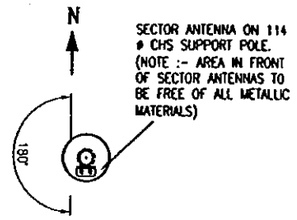
St. James Court
Great Park Road
Almondsbury Park
Bradley Stoke
Bristol
BS12 4QJ
Tel 01454 624600
Fax 01454 618501

THIS DRAWING TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWING Nos.

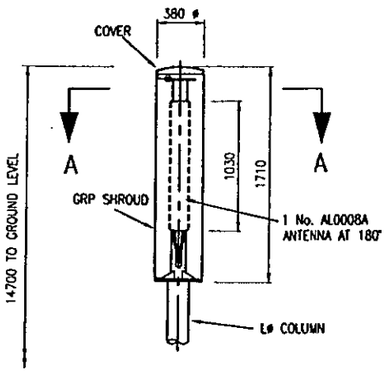
1. 30/BRK7032E/02

EQUIPMENT COLOURS
(SPECIFIED BY BS No.)

1. LAMPPOST: STANDARD GALVANISED FINISH
2. CABINET: MIDNIGHT GREEN (BS 4800 12 B 29)
3. ANTENNA: N/A



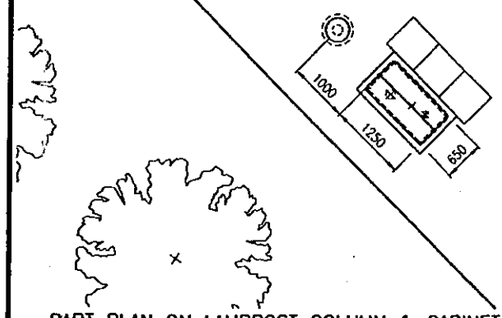
SECTIONAL PLAN ON A-A



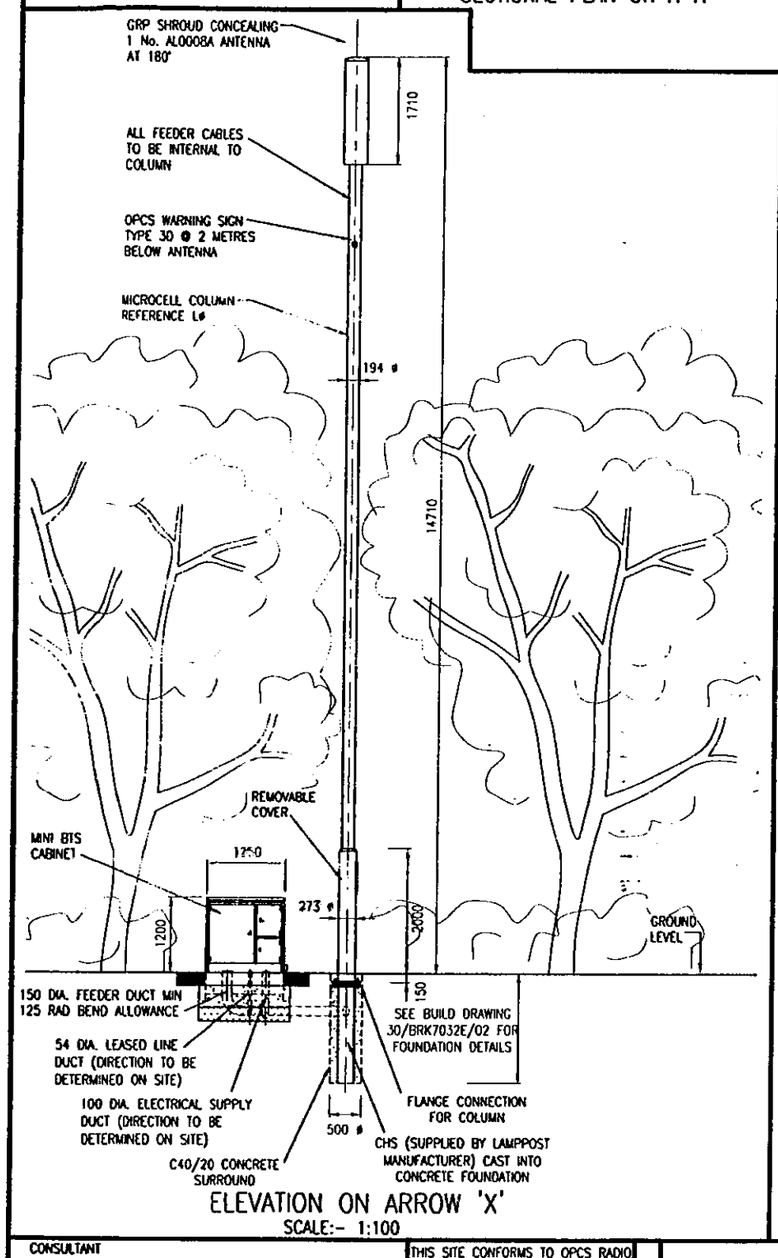
SECTIONAL ELEVATION

SHROUD / ANTENNA DETAILS

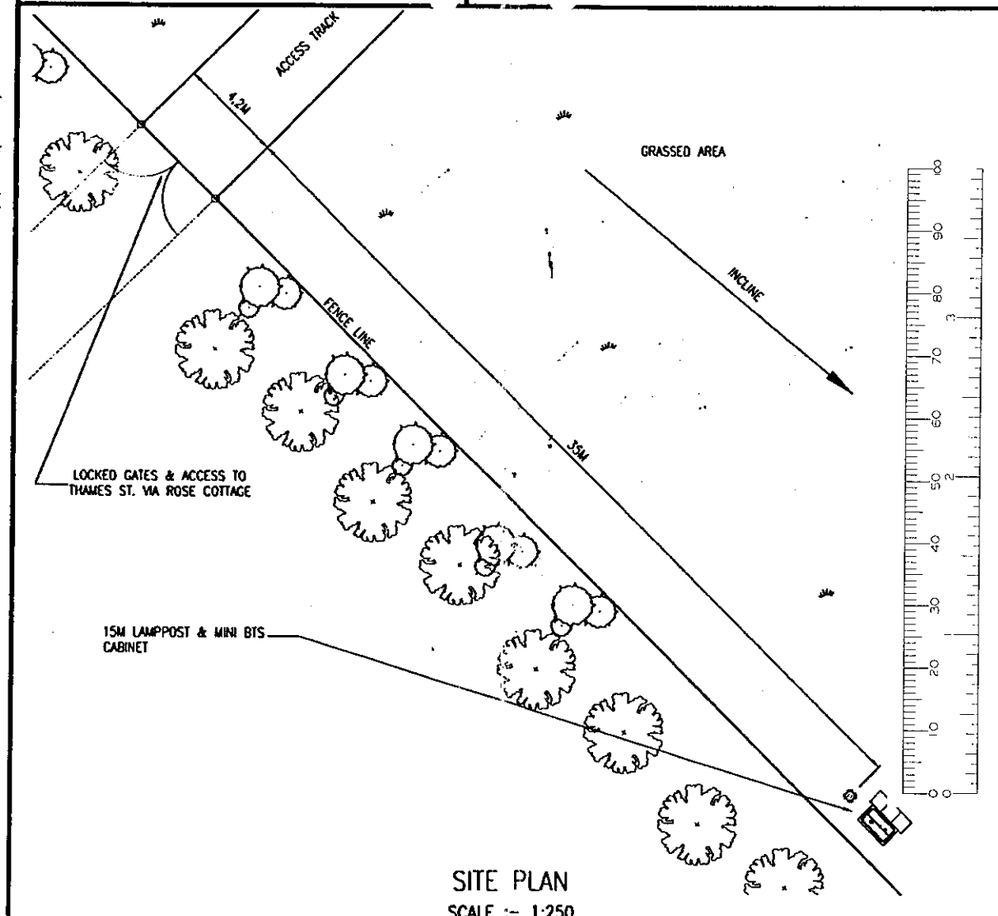
SCALE :- 1:50



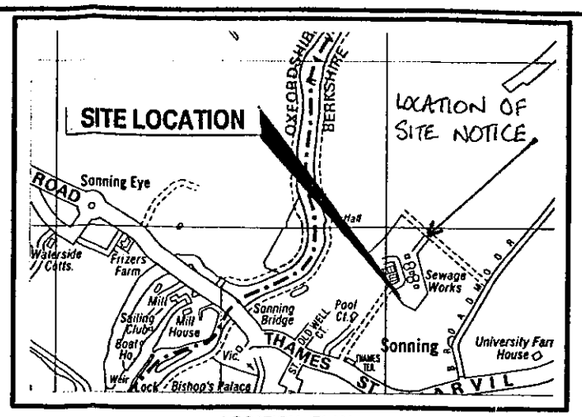
PART PLAN ON LAMPPOST COLUMN & CABINET
SCALE :- 1:100



ELEVATION ON ARROW 'X'
SCALE:- 1:100

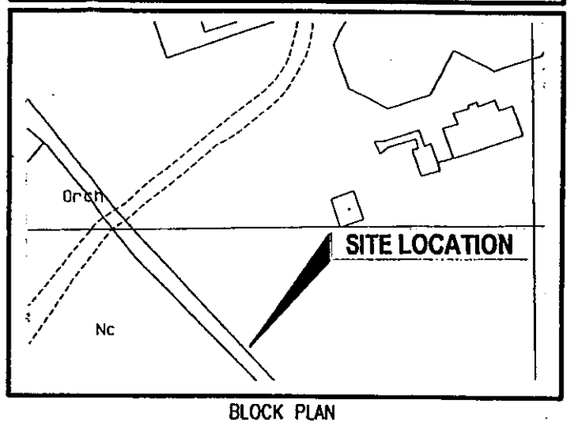


SITE PLAN
SCALE :- 1:250



LOCATION PLAN

National Grid Reference E 476045 N 175777



BLOCK PLAN
1:1250

SITE NUMBER
30/BRK7032E/01

UTILITIES KEY

UTILITY TYPE	CONTACT NAME	TEL. No.	SURVEY REPORT RETURN DATE
ELECTRICITY	SOUTHERN ELECTRIC	01189 465500	25/10/99
GAS	TRANSCO	02380 258258	28/10/99
WATER	THAMES WATER	0645 200800	09/11/99
SEWER	THAMES WATER	0645 200800	09/11/99
B.T.	BT	DIAL100 - ASK FOR DIAL BEFORE YOU DIG	-
OTHERS	-	-	-

PLANS ARE AVAILABLE AT THE OFFICES OF ORANGE PCS LTD. & FROM THE RELEVANT STATUTORY UNDERTAKERS SHOWING THE EXTENT OF SERVICES IN THE FOOTWAY

ANTENNA KEY

ITEM	FUNCTION / LINK No.	SECTOR	TYPE / SIZE	BEARING	HEIGHT TO C/L OF ANTENNA FROM GL (mm)	HEIGHT TO CENTRE OF DISH FROM GL (mm)	REMOTE LNA / RFU (Y/N)
A1	TXRX	-	ALOOO8A	180°	14675	N/A	N
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

FEEDER KEY

TO	QTY:	TYPE:	OUTER DIA.(mm)	MIN BEND RAD.(mm)	LENGTH (m)	COLOUR	NAME
A1	2	LDF 450	16	125	17.5	BLACK	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REC SUPPLY REQUIRED FOR POWER

CONSULTANT
Patrick Farfan
ASSOCIATES LIMITED
Head Office: Saint Cuthberts, Fourth Avenue, Trafford Park, Manchester. M17 1DB. Tel 0161 877 7007 Fax 0161 877 4414
South East Office: Salamander Quay West, Park Lane, Harefield, Middlesex. UB9 6NZ. Tel 01895 823 700 Fax 01895 821 214
Offices also located in :- Stirling, Birmingham, Belfast & Austria

THIS SITE CONFORMS TO OPCS RADIO SITE DESIGN DOC: SPEC253 WITH THE FOLLOWING EXCEPTIONS:

1.
2.
3.
4.

REV	DESCRIPTION	SITE CONTROLLER	DATE	DESIGN	DATE
A	NGR AMENDED.	GP	3.3.2000	SMP	03.03.00
0	INITIAL ISSUE	GP	090200	GP	090200

SCALE:-	AS SHOWN	CHECKED	GP
		DATE	090200
DRAWN	GD	APPROVED	GP
DATE	5/01/2000	DATE	090200

A3 ORIGINAL

INCHES
0 1/2 1
0 5 10 15 20 25 30 35
MILLIMETRES

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED

OPTION NAME
IACR

SITE ADDRESS
IACR CENTRE FOR AQUATIC PLANT MANAGEMENT
BROADMOOR LANE SONNING READING
RG4 6TH

TITLE
MICROCELL - THAMES ST.
SONNING
LAMPPOST MOUNTED ANTENNA
GENERAL ARRANGEMENT

DRAWING NUMBER
30/BRK7032E/01

REV
A

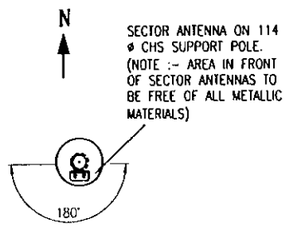
CLIENT
orange
Bolchitan Telecom
St. James Court
Great Park Road
Almondsbury Park
Bradley Stoke
Bristol
BS12 4QJ
Tel 01454 624600
Fax 01454 618501

THIS DRAWING TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWING Nos.

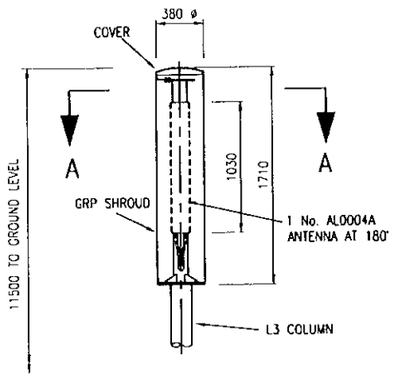
1. 30/BRK7032E/02

EQUIPMENT COLOURS
(SPECIFIED BY BS No.)

1. LAMPPOST: STANDARD GALVANISED FINISH
2. CABINET: MIDNIGHT GREEN (BS 4800 12 B 29)
3. ANTENNA: N/A



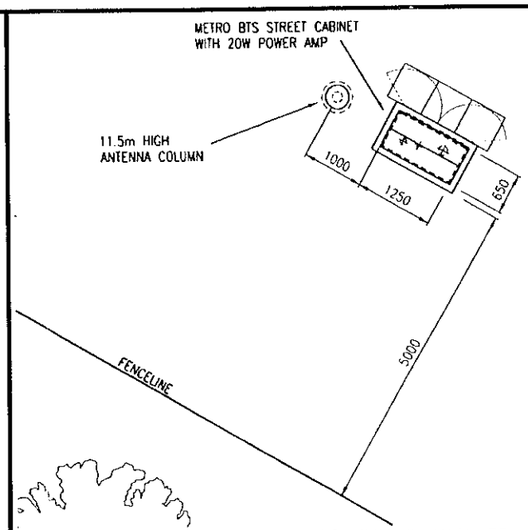
SECTIONAL PLAN ON A-A



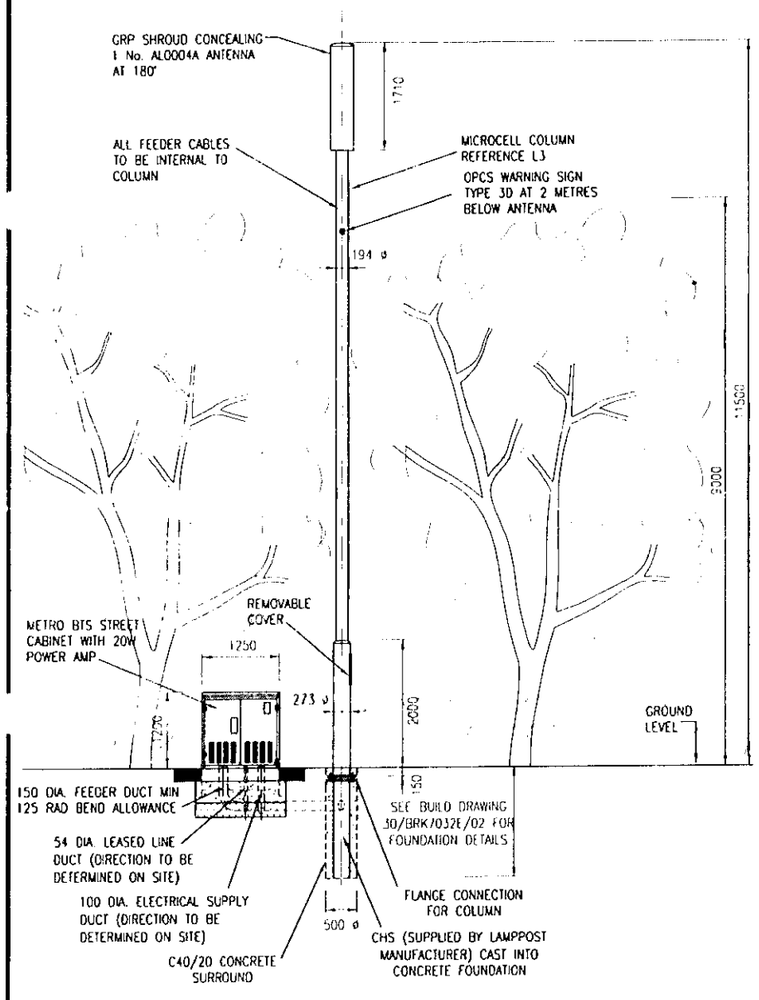
SECTIONAL ELEVATION

SHROUD / ANTENNA DETAILS

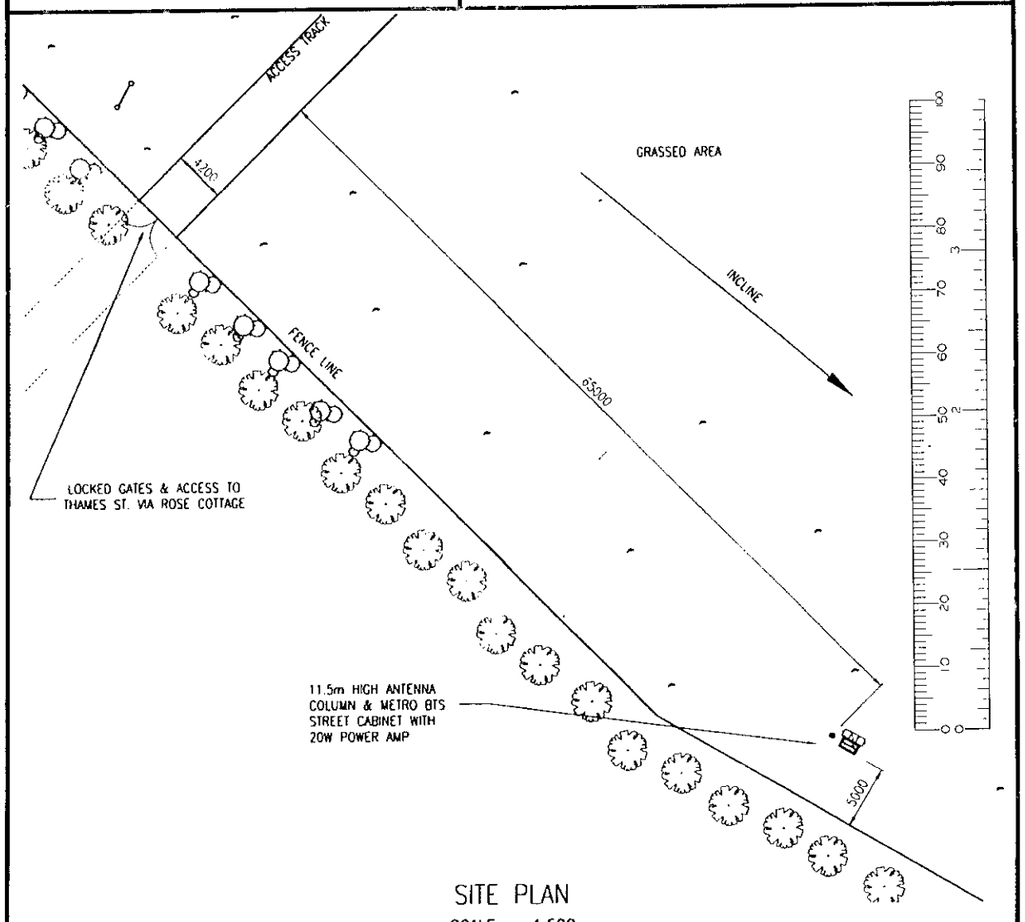
SCALE :- 1:50



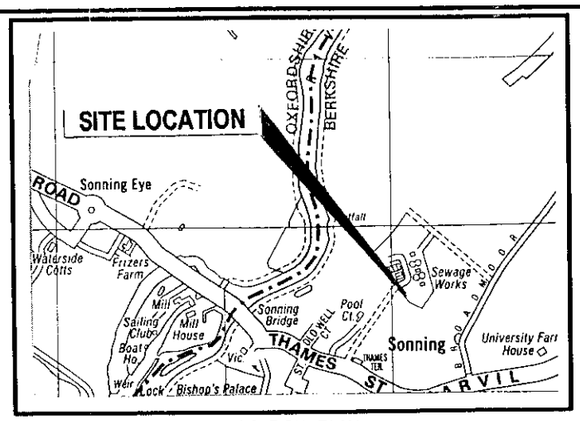
PART PLAN ON LAMPPOST COLUMN & CABINET
SCALE :- 1:100



ELEVATION ON ARROW 'X'
SCALE:- 1:100

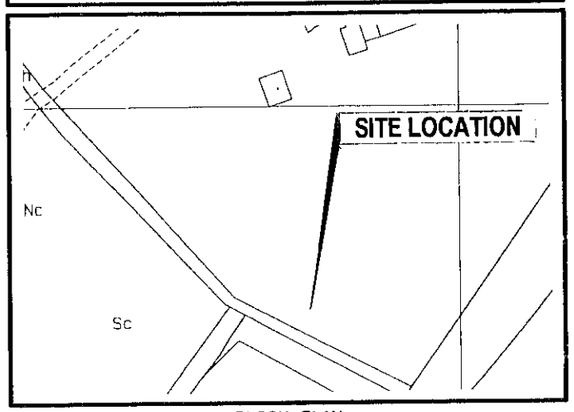


SITE PLAN
SCALE :- 1:500



LOCATION PLAN

National Grid Reference E 476071 N 175759



BLOCK PLAN
1:1250

UTILITIES KEY

UTILITY TYPE	CONTACT NAME	TEL. No	SURVEY REPORT RETURN DATE
ELECTRICITY	SOUTHERN ELECTRIC	01189 465500	25/10/99
GAS	TRANSCO	02380 258258	28/10/99
WATER	THAMES WATER	0645 200800	09/11/99
SEWER	THAMES WATER	0645 200800	09/11/99
B.T.	BT	DIAL100 - ASK FOR DIAL BEFORE YOU DIG	-
OTHERS	-	-	-

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ANTENNA KEY

ITEM	FUNCTION / LINK No.	SECTOR	TYPE / SIZE	BEARING	HEIGHT TO C/L OF ANTENNA FROM GL (mm)	HEIGHT TO CENTRE OF DISH FROM GL (mm)	REMOTE LNA / RFU (Y/N)
A1	TXRX	-	AL0004A	180°	10675	N/A	N
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

FEEDER KEY

TO	QTY:	TYPE:	OUTER DIA.(mm)	MIN BEND RAD.(mm)	LENGTH (m)	COLOUR	NAME
A1	2	LDF 450	16	125	14	BLACK	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REC SUPPLY REQUIRED FOR POWER

SITE NUMBER 30/BRK7032E/01

CONSULTANT

Patrick Farfan
ASSOCIATES LIMITED

Head Office: Saint Cuthberts, Fourth Avenue, Trafford Park, Manchester. M17 1DB. Tel 0161 877 7007. Fax 0161 877 4414.
South East Office: Salamander Quay West, Park Lane, Harefield, Middlesex. UB9 6NZ. Tel 01895 823 700. Fax 01895 821 214.
Offices also located in :- Stirling, Birmingham, Belfast & Austria

THIS SITE CONFORMS TO OPCS RADIO SITE DESIGN DOC: SPEC253 WITH THE FOLLOWING EXCEPTIONS:

1.
2.
3.
4.

REV	DESCRIPTION	SITE CONTROLLER	DATE	DESIGN	DATE
B	SITE MOVED, CABINET & COLUMN CHANGED.	GP	170400	GP	170400
A	NGR AMENDED.	GP	030300	GP	030300
0	INITIAL ISSUE	GP	090200	GP	090200

SCALE:-	AS SHOWN	CHECKED	GP
		DATE	090200
DRAWN	GD	APPROVED	GP
DATE	5/01/2000	DATE	090200

A3 ORIGINAL

INCHES
0 1/2 1
0 5 10 15 20 25 30 35
MILLIMETRES

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED

OPTION NAME
IACR

SITE ADDRESS
IACR CENTRE FOR AQUATIC PLANT MANAGEMENT
BROADMOOR LANE SONNING READING
RG4 6TH

SITE CONTROLLER Gary Patterson 07971 567388

NETWORK ENGINEER Bob Francis 07973 994724

TITLE
MICROCELL - THAMES ST.
SONNING
LAMPPOST MOUNTED ANTENNA
GENERAL ARRANGEMENT

DRAWING NUMBER
30/BRK7032E/01

REV
B

CLIENT
orange

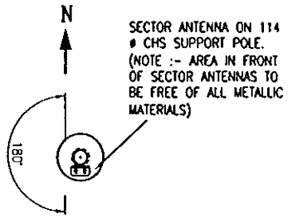
St. James Court
Great Park Road
Almondsbury Park
Bradley Stoke
Bristol
BS12 4QJ
Tel 01454 624600
Hutchison Telecom Fax 01454 618501

THIS DRAWING TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWING Nos.

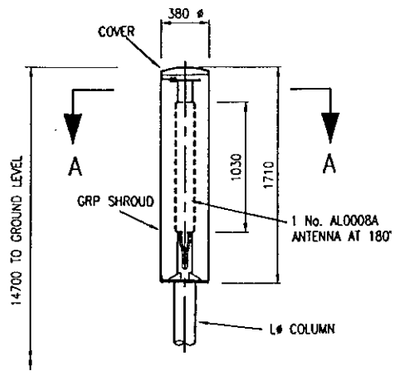
1. 30/BRK7032E/02

EQUIPMENT COLOURS
(SPECIFIED BY BS No.)

1. LAMPPOST: STANDARD GALVANISED FINISH
2. CABINET: MIDNIGHT GREEN (BS 4800 12 B 29)
3. ANTENNA: N/A



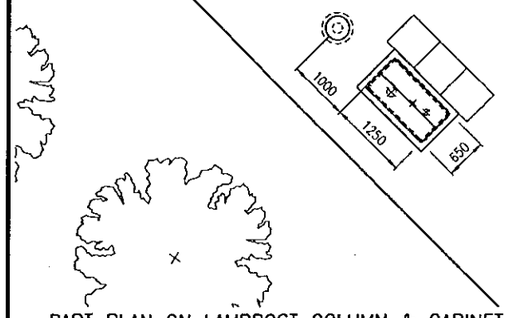
SECTIONAL PLAN ON A-A



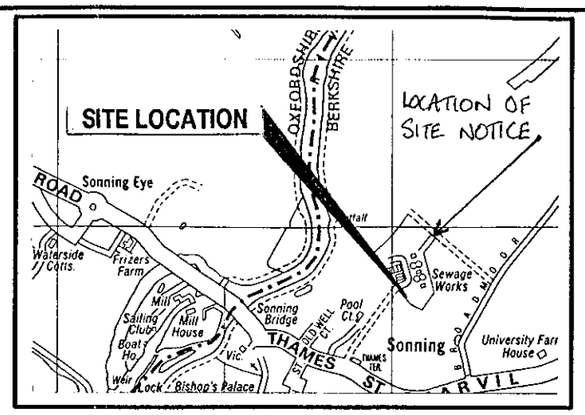
SECTIONAL ELEVATION

SHROUD / ANTENNA DETAILS

SCALE :- 1:50



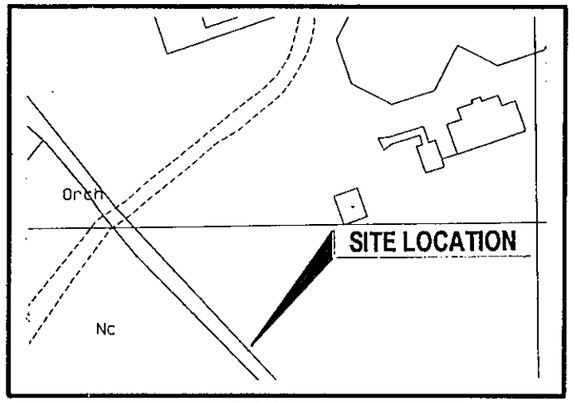
PART PLAN ON LAMPPOST COLUMN & CABINET
SCALE :- 1:100



LOCATION PLAN

N

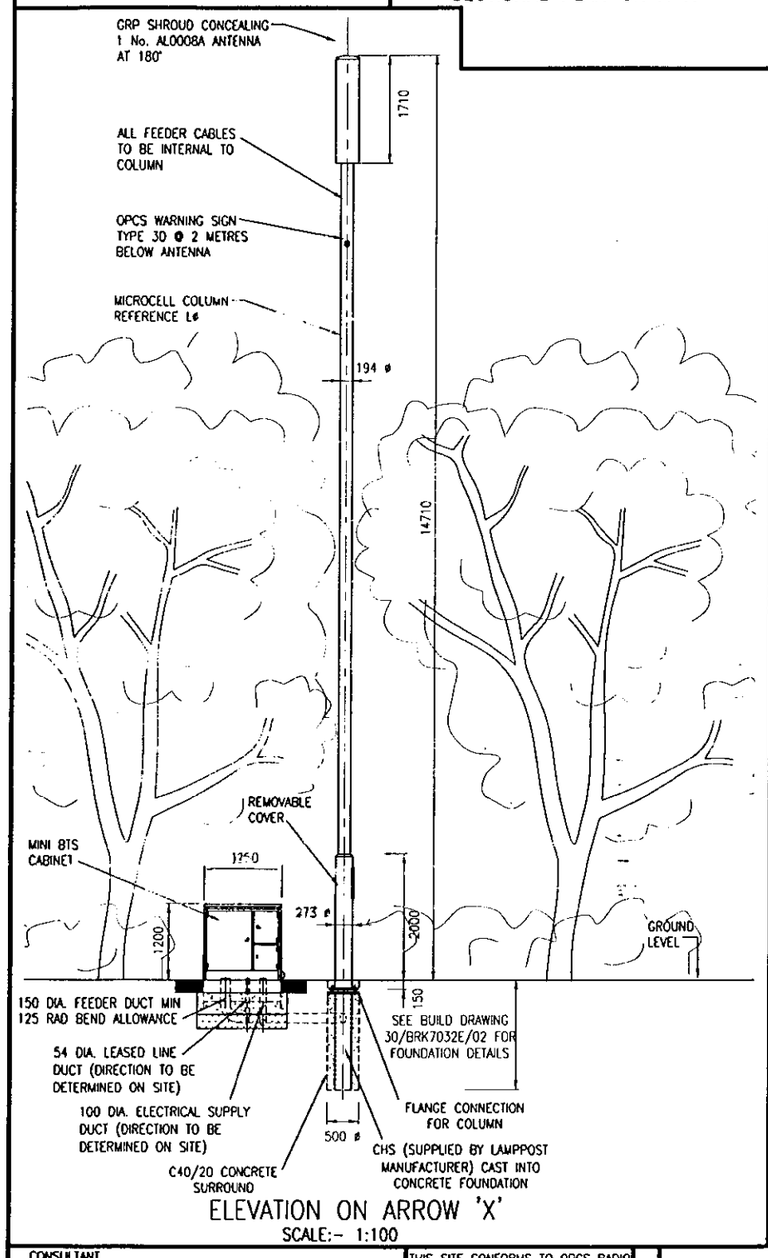
Notional Grid Reference E 476045 N 175777



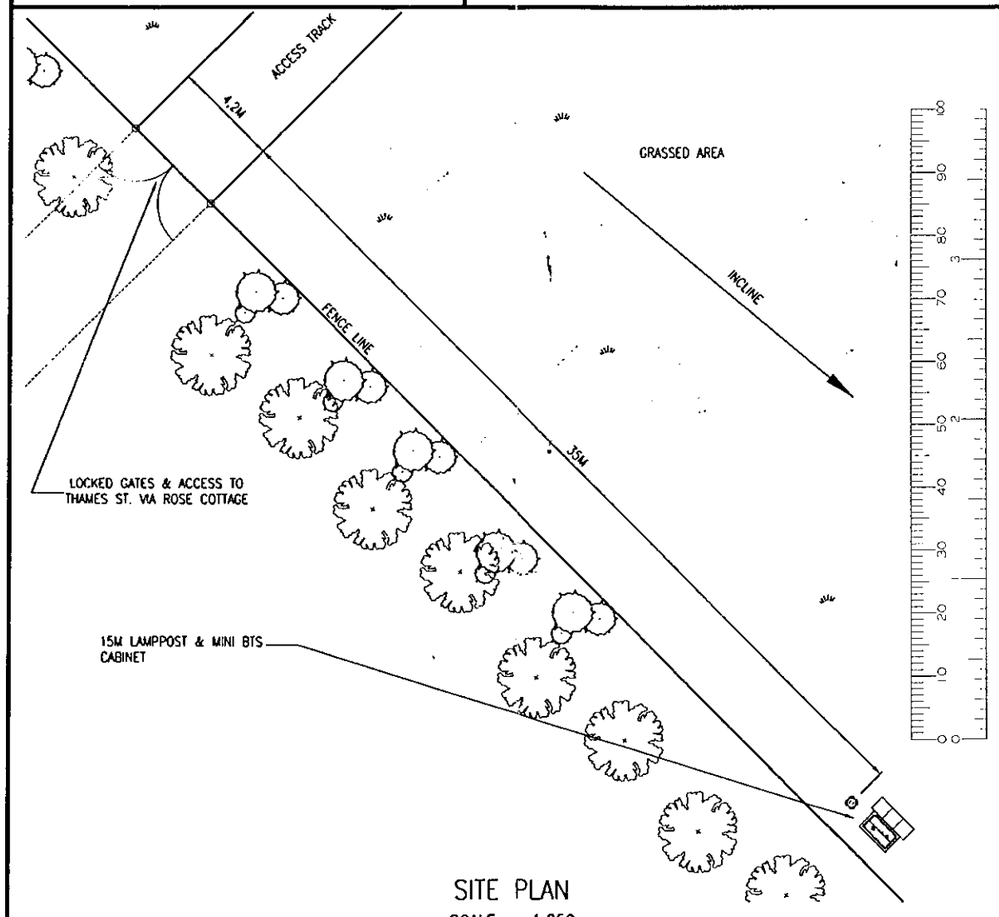
BLOCK PLAN
1:1250

N

SITE NUMBER
30/BRK7032E/01



ELEVATION ON ARROW 'X'
SCALE:- 1:100



SITE PLAN
SCALE :- 1:250

UTILITIES KEY

UTILITY TYPE	CONTACT NAME	TEL. No.	SURVEY REPORT RETURN DATE
ELECTRICITY	SOUTHERN ELECTRIC	01189 465500	25/10/99
GAS	TRANSCO	02380 258258	28/10/99
WATER	THAMES WATER	0645 200800	09/11/99
SEWER	THAMES WATER	0645 200800	09/11/99
B.T.	BT	DIAL100 - ASK FOR DIAL BEFORE YOU DIG	-
OTHERS	-	-	-

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ANTENNA KEY

ITEM	FUNCTION / LINK No.	SECTOR	TYPE / SIZE	BEARING	HEIGHT TO C/L OF ANTENNA FROM GL (mm)	HEIGHT TO CENTRE OF DISH FROM GL (mm)	REMOTE LNA / RFU (Y/N)
A1	TxRx	-	AL0008A	180°	14675	N/A	N
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

FEEDER KEY

TO	QTY:	TYPE:	OUTER DIA.(mm)	MIN BEND RAD.(mm)	LENGTH (m)	COLOUR	NAME
A1	2	LDF 450	16	125	17.5	BLACK	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

REC SUPPLY REQUIRED FOR POWER

CONSULTANT

Patrick Farfan
ASSOCIATES LIMITED

Head Office: Saint Cuthberts, Fourth Avenue, Trafford Park, Manchester. M17 1QB. Tel 0161 877 7007 Fax 0161 877 4414

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Offices also located in :- Stirling, Birmingham, Belfast & Austria

THIS SITE CONFORMS TO OPCS RADIO SITE DESIGN DOC: SPEC253 WITH THE FOLLOWING EXCEPTIONS:

1.
2.
3.
4.

REV	DESCRIPTION	RFA CONTROLLER	DATE	DESIGN	DATE
A	NGR AMENDED.	GP	3.3.2000	GP	03.03.00
0	INITIAL ISSUE	GP	090200	GP	090200

SCALE:-	AS SHOWN	CHECKED	GP
		DATE	090200
DRAWN	GD	APPROVED	GP
DATE	5/01/2000	DATE	090200

A3 ORIGINAL

INCHES
0 1/2 1
0 5 10 15 20 25 30 35
MILLIMETRES

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED

OPTION NAME
IACR

SITE ADDRESS
IACR CENTRE FOR AQUATIC PLANT MANAGEMENT BROADMOOR LANE SONNING READING RG4 6TH

[redacted]

TITLE
MICROCELL - THAMES ST. SONNING
LAMPPOST MOUNTED ANTENNA
GENERAL ARRANGEMENT

DRAWING NUMBER
30/BRK7032E/01

REV
A

CLIENT

orange

Hutchison Telecom

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