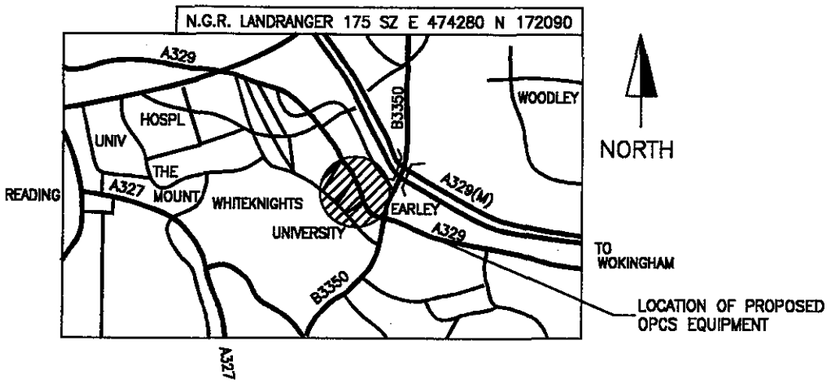
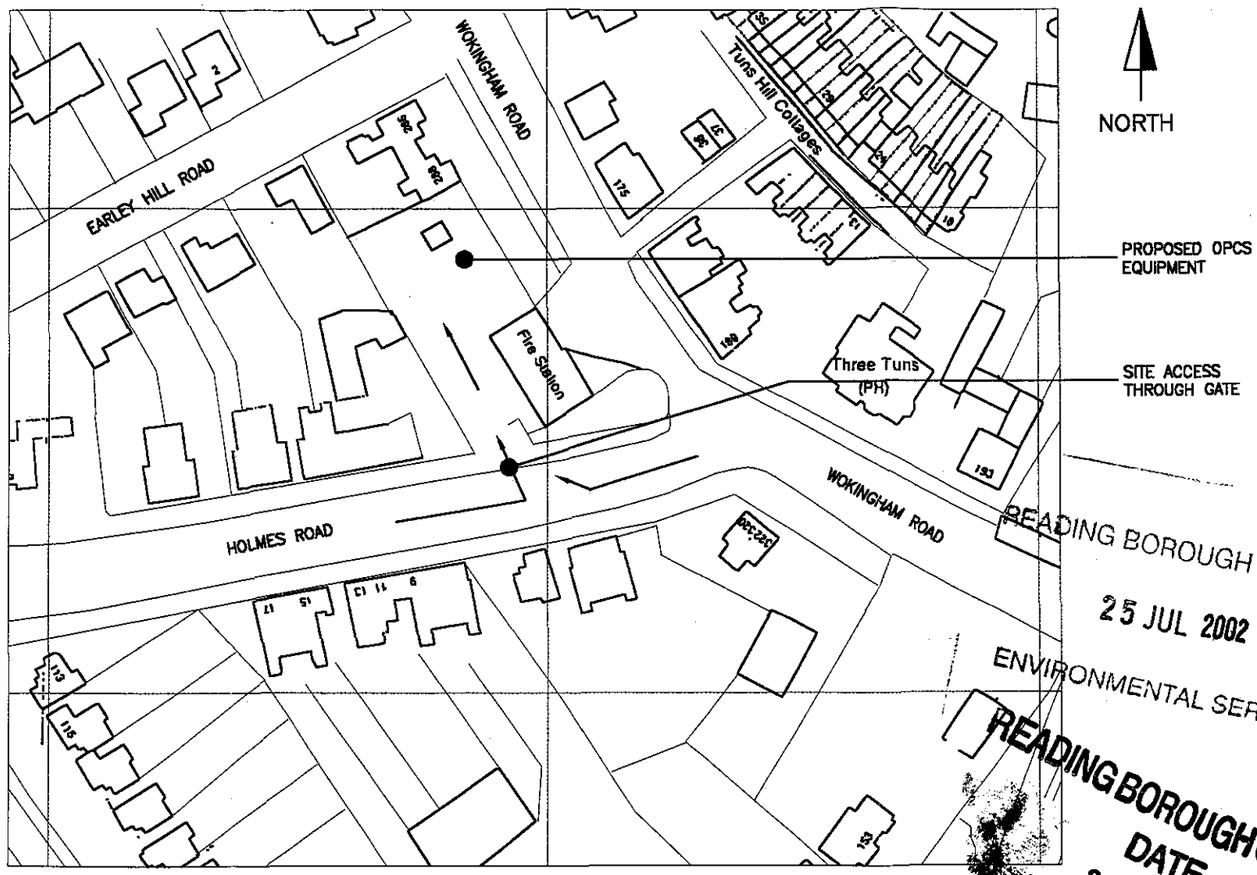
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LOCATION PLAN
SCALE 1:50000



BLOCK PLAN
SCALE 1:1250

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25 JUL 2002
ENVIRONMENTAL SERVICES
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DATE
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ENVIRONMENTAL SERVICES

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ROMAN HOUSE
SALISBURY ROAD, TOTTON
SOUTHAMPTON SO40 3XF
TEL: 02380 580400 FAX: 02380 580401

STATUS	REV	DESCRIPTION	BY	CHKD	APPD	DATE
	C	TITLE BLOCK AMENDED	LJC			22.11.01
	B	LOCATION PLAN AMENDED	GM	LOCK	LOCK	10.07.01
FEA	A	FIRST ISSUE	GM	LOCK	LOCK	29.06.01

IEA – OPTION A

TITLE
BLOCK PLAN
WOKINGHAM FIRE STATION
WOKINGHAM ROAD
READING RG1 0ONU

DRAWING NUMBER 30/BRK0162/101
ISSUE C

orange
Tudor House
The Royals
55 Victoria Road
London
NW10 6ND
Tel 020 8963 4100
Fax 020 8963 4101

T
M G
4.5°
N

EXISTING VODAFONE CABIN ON CONCRETE BASE.

PROPOSED OPCS 450mm WIDE CABLE LADDER ACROSS TOWER ROOF DECK.

PROPOSED OPCS 450mm WIDE CABLE LADDER MOUNTED TO EXISTING TOWER THEN VERTICAL TO TOWER TOP TO BE COVERED AND COLOUR MATCHED TO SUIT EXISTING FACIA. LADDER TO STEP OVER EXISTING CABLE CONDUIT.

PROPOSED OPCS MHA's TO BE MOUNTED ON SUPPORT FRAME FIXED TO HANDRAILING ADJACENT TO EACH ANTENNAE.

EXISTING OTHER USERS FLAG POLE TYPE ANTENNAE.

PROPOSED GRP SHROUD EXTENSION TO TRAINING TOWER COLOUR/FINISH MATCHED TO EXISTING STRUCTURE.

EXISTING OTHER USERS ANTENNAE.

EXISTING HATCH TO BE FITTED WITH NEW PNEUMATIC OPERATED HATCH. NOTE VERY RESTRICTED OPENING AREA.

EXISTING HIGH LEVEL FEEDER MANAGEMENT (BOX CONDUIT) TO BE ADJUSTED TO ALLOW POLE FIXINGS.

EXISTING ARMCO BARRIER.

EXISTING CAR PARKING SPACES.

BUILDING ELEVATION (DWG. No. 103)

PROPOSED EXTERNAL CONDENSING UNITS. (SPLIT AIRCON SYSTEM).

COURTYARD

PROPOSED PAVING SLABS ACCESS TO OPCS AIR-CON EQUIPMENT AND BUILDING.

PROPOSED WINDOW IN EXTENSION

A1

B1

C1

PROPOSED 3m HIGH CABLE LADDER SUPPORT POSTS ON NEW CONCRETE PLINTHS (2No. TOTAL).

EXISTING MASONRY WALL.

OTHER USERS METER CABINET.

EXISTING ONE 2 ONE CABIN.

PROPOSED LOCATION OF OPCS 3 PHASE ELECTRIC METER CABINET & GENERATOR SOCKET.

PROPOSED OPCS 450mm WIDE COVERED CABLE LADDER FIXED AT HIGH LEVEL TO EXISTING MASONRY WALL.

PROPOSED LOCATION OF OPCS FEEDER CABLE ENTRY GLAND.

EXISTING MASONRY PIER.

REMOVE EXISTING WALL AND FOUNDATION TO EXISTING MASONRY PIER AND BUILD NEW CAVITY WALL ON NEW STRIP FOUNDATION.

FOR INTERNAL ROOM LAYOUT REFER TO MANSELL DRAWING 30/BRK0162/105.

PROPOSED INTERFACE BETWEEN EXISTING BUILDING AND NEW EUQIPMENT ROOM TO BE FULLY WATERTIGHT TO CURRENT SPEC. T.B.C.

NOTE: NO OTHER USER DISH LINKS EXIST ON SITE. ASSUME NO LINE OF SITE TO OTHER CELLS. BT LINK IN USE FROM BOTH PARTIES

REMOVE EXISTING OTHER USERS WALL MOUNTED DISH POLE MOUNTS. TO ACCOMMODATE OTHERS ANTENNAE POLE MOUNTS

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PLANNING

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READING BOROUGH COUNCIL
DATE
31 JUL 2002
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020831

GENERAL ARRANGEMENT
SCALE 1:100

MANSELL

MANSELL CONSTRUCTION SERVICES LTD
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SALISBURY ROAD, TOTTON
SOUTHAMPTON SO40 3XF
TEL: 02380 550400 FAX: 02380 550401

THIS DRAWING DEVIATES FROM SPEC 252 (YES) (NO)

DEVIATIONS:-
1. ANTENNAE AT NON-STANDARD BEARINGS TO ENSURE MAXIMUM COVERAGE - AS DISCUSSED WITH NETWORK PLANNING ENGINEER
2.

ICNIRP COMPLIANCE / CONSIDERATIONS:-

1. TRAINING TOWER ROOF AREA: OCCUPATIONAL ACCESS CO-LOCATED.
2.

STATUS	REV	DESCRIPTION	BY	CHKD	APPD	DATE
	C	TOWER EXTENDED WITH GRP PANELS	PJL	LOCK	LOCK	10.06.02
	B	EQUIPMENT RELOCATED. ANTENNAE REVISED.	LJC	LOCK	LOCK	22.11.01
FEA	A	FIRST ISSUE	GM	LOCK	LOCK	28.06.01

IEA - OPTION A

TITLE
GENERAL ARRANGEMENT
WOKINGHAM FIRE STATION
WOKINGHAM ROAD
READING RG1 OONU

DRAWING NUMBER 30/BRK0162/102
ISSUE C

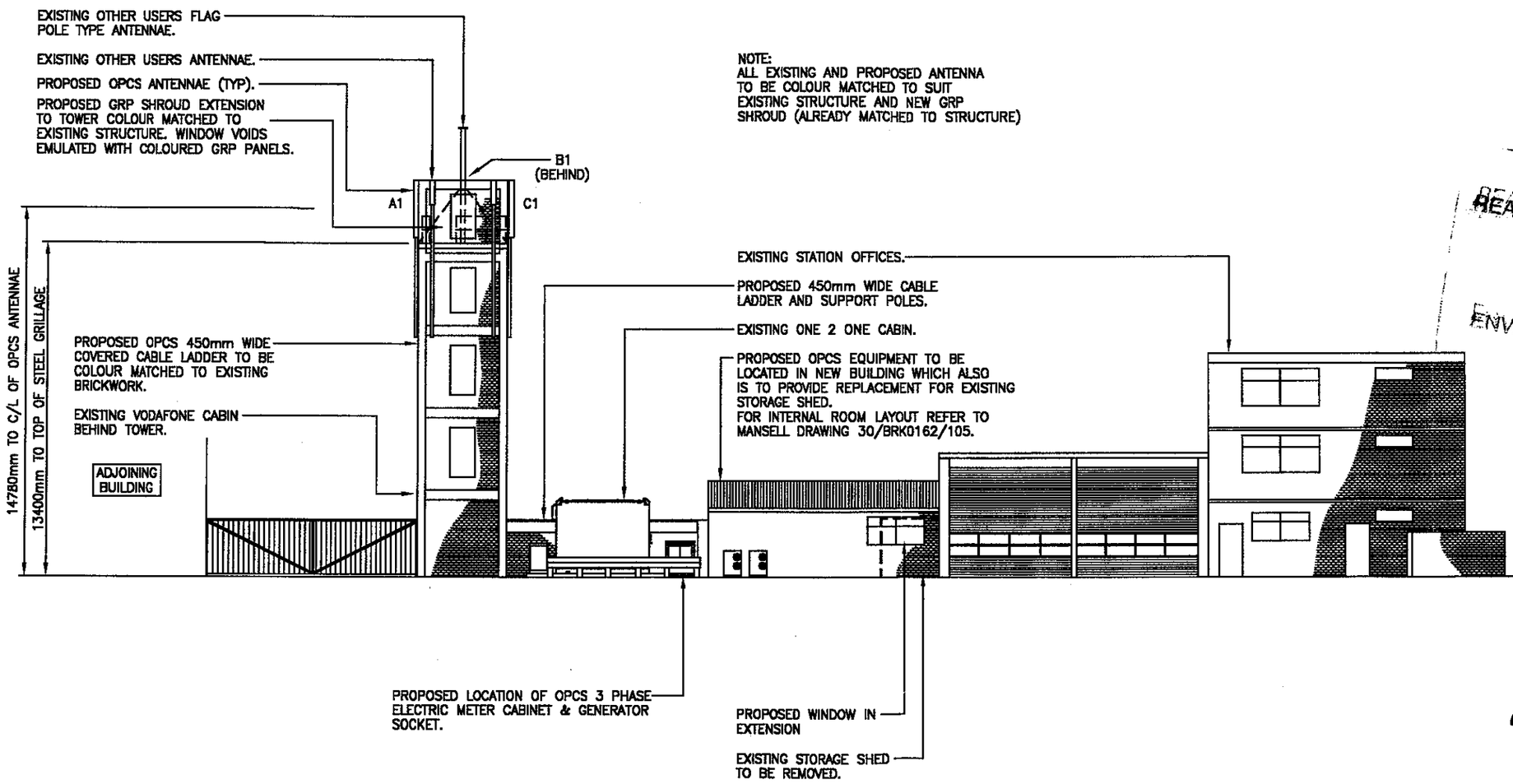
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orange

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London
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READING BOROUGH COUNCIL
- 1 JUL 2002
PLANNING

READING BOROUGH COUNCIL
25 JUL 2002
ENVIRONMENTAL SERVICES



NOTE:
ALL EXISTING AND PROPOSED ANTENNA TO BE COLOUR MATCHED TO SUIT EXISTING STRUCTURE AND NEW GRP SHROUD (ALREADY MATCHED TO STRUCTURE)

READING BOROUGH COUNCIL
DATE
31 JUL 2002
ENVIRONMENTAL SERVICES
020831

DRAWING NUMBER 30/BRK0162/103

BUILDING ELEVATION
SCALE 1:200

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SOUTHAMPTON SO40 3XF
TEL: 02380 580400 FAX: 02380 580401

STATUS	REV	DESCRIPTION	BY	CHKD	APPD	DATE
	C	TOWER EXTENDED WITH GRP PANELS	PJL	LOCK	LOCK	10.06.02
	B	EQUIPMENT RELOCATED. ANTENNAE REVISED.	LJC	LOCK	LOCK	22.11.01
FEA	A	FIRST ISSUE	GM	LOCK	LOCK	29.06.01

IEA – OPTION A

TITLE
BUILDING ELEVATION
WOKINGHAM FIRE STATION
WOKINGHAM ROAD
READING RG1 OONU

DRAWING NUMBER 30/BRK0162/103
ISSUE C

orange
Tudor House
The Royals
55 Victoria Road
London
NW10 6ND
Tel 0181 963 4100
Fax 0181 963 4101

OPCS FEEDER KEY

TO:	QTY:	TYPE:	OUTER DIA.	MIN BEND RAD	LENGTH (m)	COLOUR	NAME
A1/A2	4	LDF550	28mm	250mm	40.0m		
B1/B2	4	LDF550	28mm	250mm	40.0m		
C1/C2	4	LDF550	28mm	250mm	40.0m		

NOTE: INFORMATION HELD ON IMS TAKES PRECEDENCE OVER ALL KEYS AND SCHEDULES SHOWN

FINAL OPCS ANTENNA KEY

ITEM	ANTENNA REF	FUNCTION	TYPE/SECTOR	BEARING	HEIGHT TO CENTRE OF ANTENNA FROM G/L	DOWN TILT	MHA'S (R IF REMOTE)
1	A1/A2	TX/RX	90/90/DBDP	300° EGN	14780mm	15°	4
2			FUTURE				
3	B1/B2	TR/RX	90/90/DBDP	60° EGN	14780mm	15°	4
4			FUTURE				
5	C1/C2	TX/RX	90/90/DBDP	180° EGN	14780mm	15°	4
6			FUTURE				
7			FUTURE				
8			FUTURE				
9			FUTURE				
10			FUTURE				
11			FUTURE				
12			FUTURE				
ITEM	DISH REF	FUNCTION	SIZE	BEARING	HEIGHT TO CENTRE OF DISH FROM G/L	REMOTE RFU (Y/N)	
13	D1	–	600mm DIA	TBA	–	–	
14	D2	–	600mm DIA	TBA	–	–	
15	D3	–	600mm DIA	TBA	–	–	
16	D4	–	600mm DIA	TBA	–	–	

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DRAWING NUMBER 30/BRK0162/104

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STATUS	REV	DESCRIPTION	BY	CHKD	APPD	DATE
	B	ANTENNAE LOCATION REVISED	LJC			22.11.01
FEA	A	FIRST ISSUE	GM	LOCK	LOCK	29.06.01

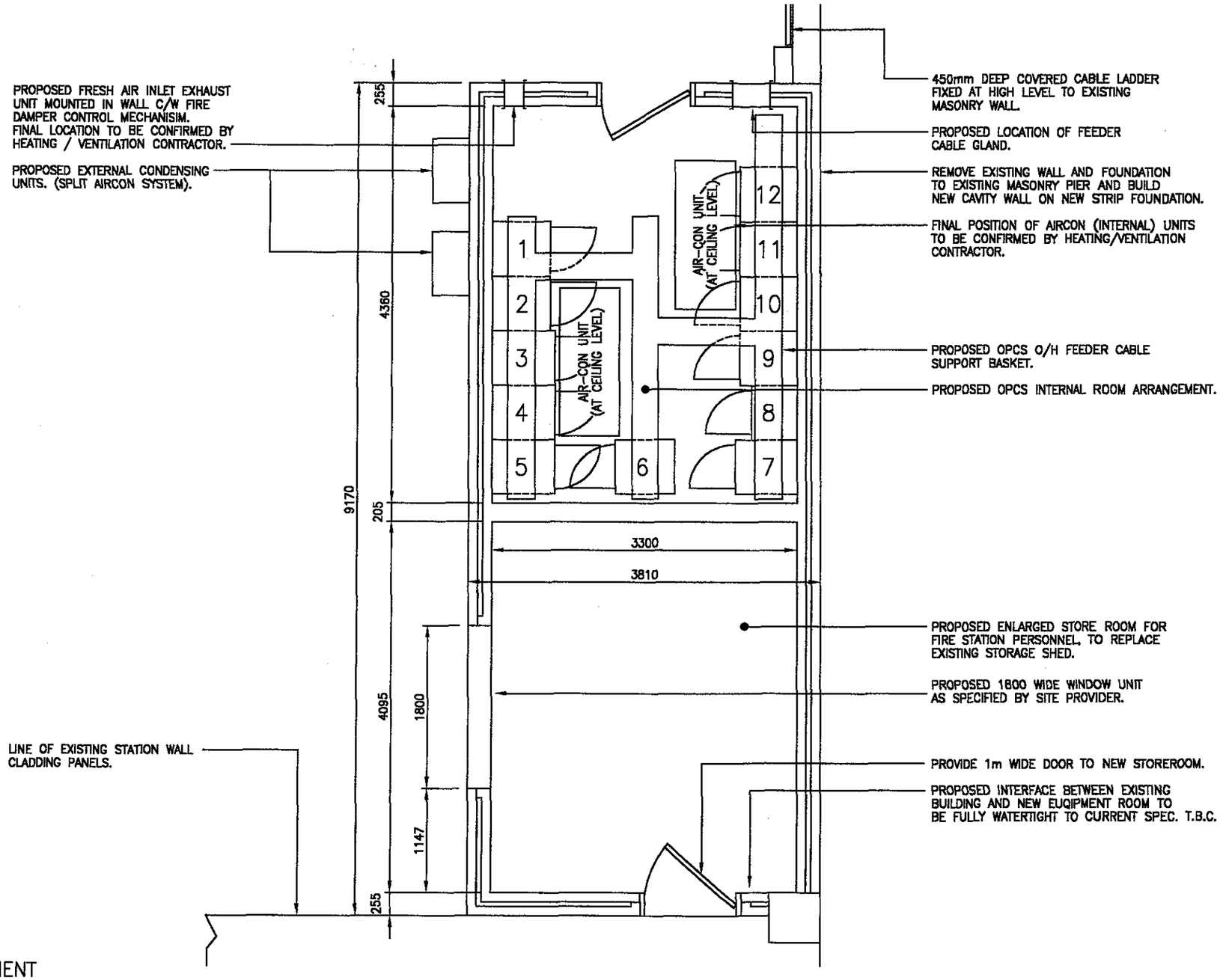
IEA – OPTION A

TITLE
ANTENNA SCHEDULES
WOKINGHAM FIRE STATION
WOKINGHAM ROAD
READING RG1 0ONU

DRAWING NUMBER 30/BRK0162/104

ISSUE B

orange
Tudor House
The Royals
55 Victoria Road
London
NW10 6ND
Tel 020 8963 4100
Fax 020 8963 4101



PROPOSED OPCS CABINETS		
NO.	TYPE	SIZE
1	NODE B	600x620x1796mm HIGH
2	NODE B	600x620x1796mm HIGH
3	PSU	600x670x2000mm HIGH
4	PSU	600x670x2200mm HIGH
5	TX	600x670x2200mm HIGH
6	TX	600x670x2200mm HIGH
7	TX	600x670x2200mm HIGH
8	DDF	600x500x2200mm HIGH
9	ULTRASITE	600x620x1796mm HIGH
10	ULTRASITE	600x620x1796mm HIGH
11	ULTRASITE	600x620x1796mm HIGH
12	ULTRASITE	600x620x1796mm HIGH

READING BOROUGH COUNCIL
25 JUL 2002
ENVIRONMENTAL SERVICES

READING BOROUGH COUNCIL
DATE
31 JUL 2002
ENVIRONMENTAL SERVICES

GENERAL ARRANGEMENT
SCALE 1:100

MANSELL
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STATUS	REV	DESCRIPTION	BY	CHKD	APPD	DATE
	B	WINDOW INDICATED IN EXTENSION	PJL	LOCK	LOCK	10.06.02
FEA	A	FIRST ISSUE	LJC	LOCK	LOCK	22.11.01

IEA – OPTION A

TITLE
INTERNAL ROOM LAYOUT
WOKINGHAM FIRE STATION
WOKINGHAM ROAD
READING RG1 OONU

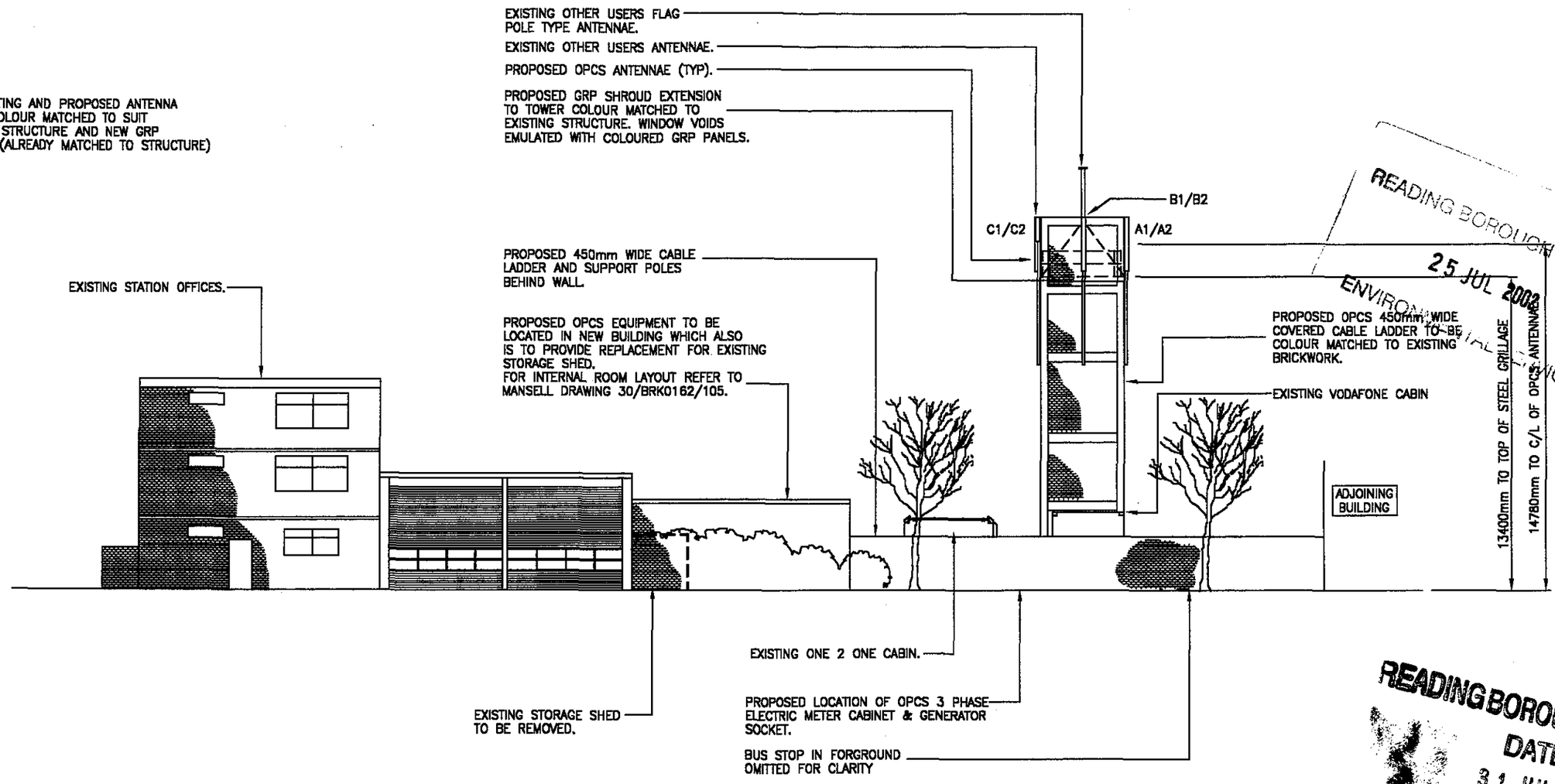
DRAWING NUMBER 30/BRK0162/105
ISSUE B

orange

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DRAWING NUMBER 30/BRK0162/105

NOTE:
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25 JUL 2002
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30/BRK0162/106
DRAWING NUMBER

READING BOROUGH COUNCIL
DATE
31 JUL 2002
ENVIRONMENTAL SERVICES

BUILDING ELEVATION
SCALE 1:200

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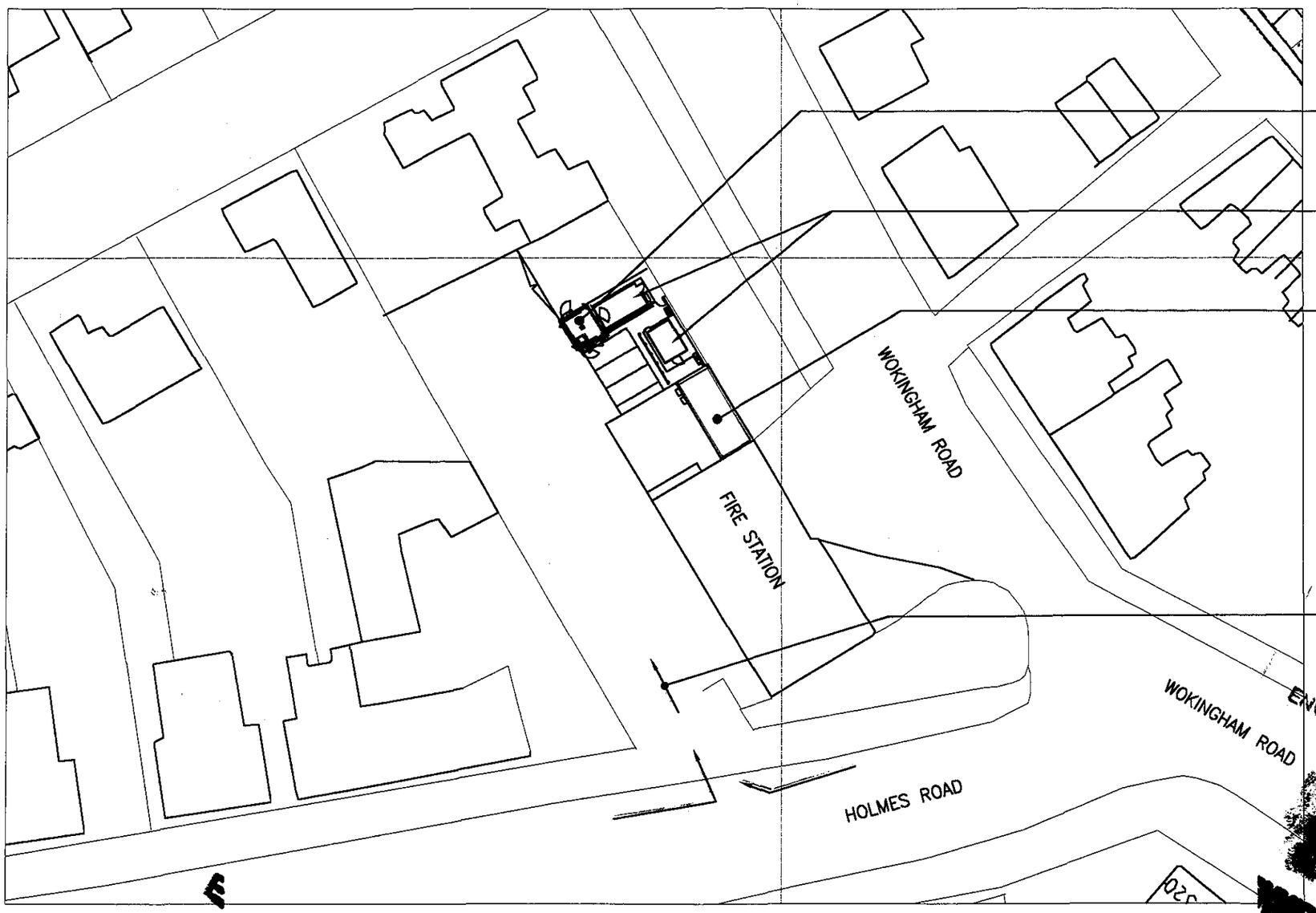
STATUS	REV	DESCRIPTION	BY	CHKD	APPD	DATE
FEA	A	PLANNING	PJL	LOCK	LOCK	11.07.02

IEA – OPTION A

TITLE
BUILDING ELEVATION
WOKINGHAM FIRE STATION
WOKINGHAM ROAD
READING RG1 0ONU

DRAWING NUMBER 30/BRK0162/106
ISSUE A

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BLOCK PLAN
SCALE 1:500

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STATUS	REV	DESCRIPTION	BY	CHKD	APPD	DATE
FEA	A	PLANNING	PJL	LOCK	LOCK	11.07.02

IEA – OPTION A

TITLE
SITE PLAN
WOKINGHAM FIRE STATION
WOKINGHAM ROAD
READING RG1 0ONU

DRAWING NUMBER 30/BRK0162/107
ISSUE A

orange
Tudor House
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55 Victoria Road
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