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

INITIAL ANTENNA KEY

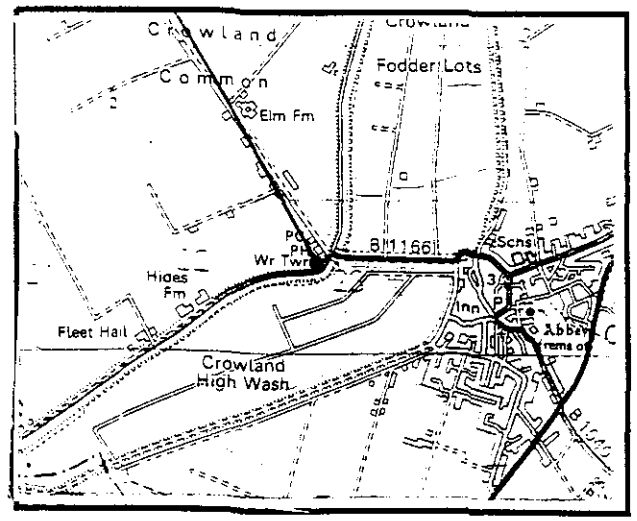
ITEM	ANTENNA REF	FUNCTION	TYPE / SECTOR	BEARING	DOWN TILT	HEIGHT TO TOP OF ANTENNA FROM G/L	No. OF MHAs (R IF REMOTE)	FEEDERS TYPE	FEEDERS LENGTH
1	A1	TX/RX	120 SECTOR A	0 DEG EGN		22600 mm	1	LDF 5-50	40.0m
2	A2	RX	120 SECTOR A	0 DEG EGN		22600 mm	1	LDF 5-50	40.0m
3	B1	TX/RX	120 SECTOR B	120 DEG EGN		22600 mm	1	LDF 5-50	40.0m
4	B2	RX	120 SECTOR B	120 DEG EGN		22600 mm	1	LDF 5-50	40.0m
5	C1	TX/RX	120 SECTOR C	240 DEG EGN		22600 mm	1	LDF 5-50	40.0m
6	C2	RX	120 SECTOR C	240 DEG EGN		22600 mm	1	LDF 5-50	40.0m
ITEM	DISH REF	LINK No.	SIZE	BEARING	DOWN TILT	HEIGHT TO CENTRE OF DISH FROM G/L	REMOTE RFU (YES/NO)		LENGTH
7	D1	LIN 0030	ø 600 mm	267.8 DEG EGN		24000 mm	YES		40.0m
8	D2	T.B.A.	T.B.A.	T.B.A.		T.B.A.	YES		40.0m
9	D3	T.B.A.	T.B.A.	T.B.A.		T.B.A.	YES		40.0m
10	D4	T.B.A.	T.B.A.	T.B.A.		T.B.A.	YES		40.0m

FINAL ANTENNA KEY

ITEM	ANTENNA REF	FUNCTION	TYPE / SECTOR	BEARING	DOWN TILT	HEIGHT TO TOP OF ANTENNA FROM G/L	No. OF MHAs (R IF REMOTE)	FEEDERS TYPE	FEEDERS LENGTH
1	A1/A2	TX/RX	85 DBDP A	330 DEG EGN	15° Max.	22600 mm	4R	LDF 5-50	40.0m
2	E1/E2	TX/RX	85 DBDP E	30 DEG EGN	15° Max.	22600 mm	4R	LDF 5-50	40.0m
3	B1/B2	TX/RX	85 DBDP B	90 DEG EGN	15° Max.	22600 mm	4R	LDF 5-50	40.0m
4	F1/F2	TX/RX	85 DBDP F	150 DEG EGN	15° Max.	22600 mm	4R	LDF 5-50	40.0m
5	C1/C2	TX/RX	85 DBDP C	210 DEG EGN	15° Max.	22600 mm	4R	LDF 5-50	40.0m
6	G1/G2	TX/RX	85 DBDP G	270 DEG EGN	15° Max.	22600 mm	4R	LDF 5-50	40.0m
7									
8									
9	FUTURE ANTENNAE RESERVED								
10									
11									
12									
ITEM	DISH REF	LINK No.	SIZE	BEARING	DOWN TILT	HEIGHT TO CENTRE OF DISH FROM G/L	REMOTE RFU (YES/NO)		LENGTH
13	D1	LIN 0030	ø 600 mm	267.8 DEG EGN		24000 mm	YES		40.0m
14	D2	T.B.A.	T.B.A.	T.B.A.		T.B.A.	YES		40.0m
15	D3	T.B.A.	T.B.A.	T.B.A.		T.B.A.	YES		40.0m
16	D4	T.B.A.	T.B.A.	T.B.A.		T.B.A.	YES		40.0m

LOCATION OF SITE

EASTING-052282
NORTHING-031062

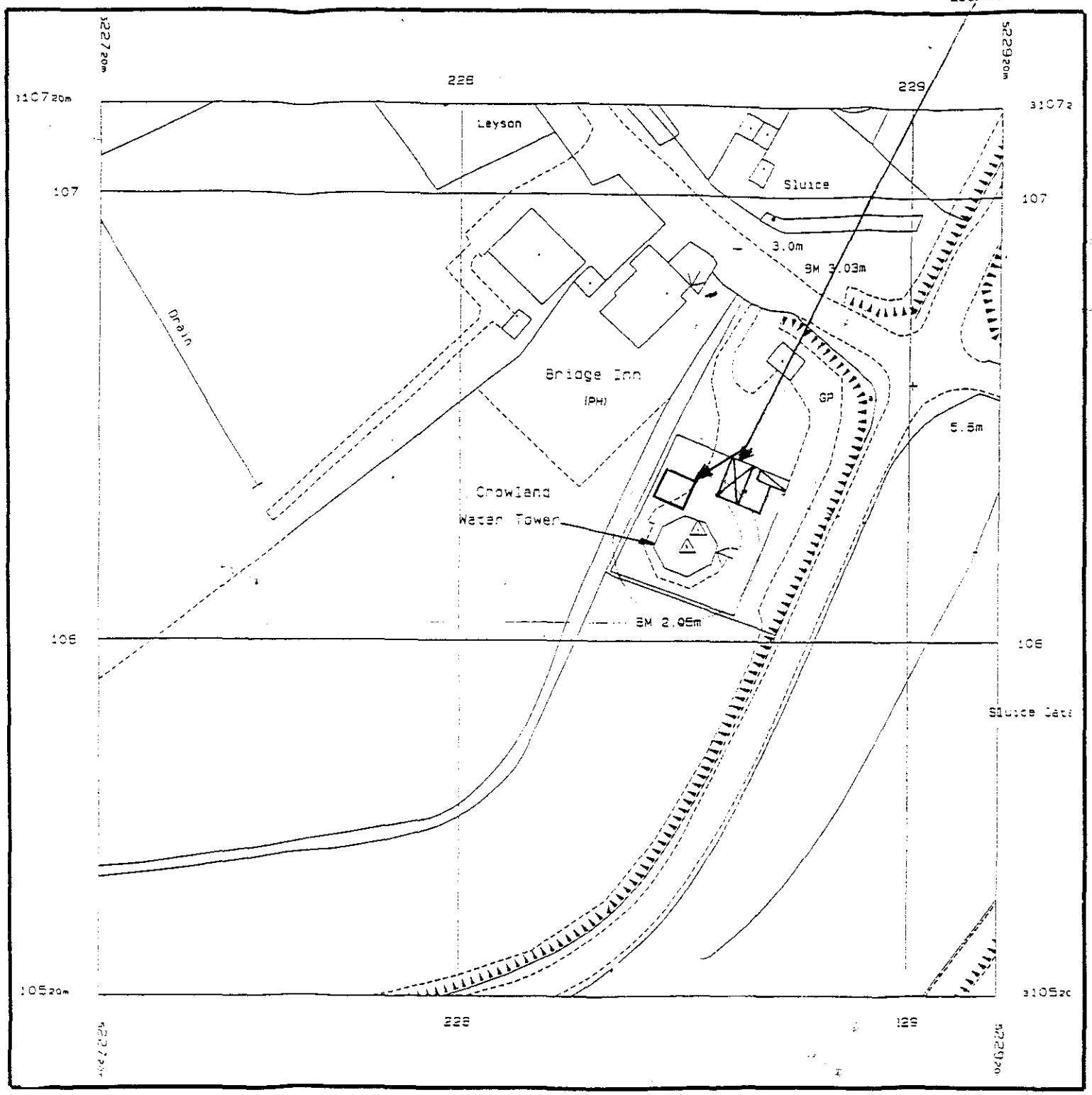


CROWN COPYRIGHT RESERVED.
REPRODUCED WITH THE PERMISSION OF THE CONTROLLER OF H.M.'s STATIONARY OFFICE

GRID N

LOCATION PLAN
SCALE 1:50000

LOCATION OF SITE



CROWN COPYRIGHT RESERVED.
REPRODUCED WITH THE PERMISSION OF THE CONTROLLER OF H.M.'s STATIONARY OFFICE

BLOCK PLAN
SCALE 1:1250

GRID N

RECEIVED
20 FEB 2001
Plan: H02/0239/01

SITE NUMBER LIN/0027/U/01

CONSULTANT
SHIRE ASSOCIATES
CONSULTING CIVIL & STRUCTURAL ENGINEERS
Holland House, 124 High Street, Bromsgrove, Worcestershire, B61 8HQ.
Telephone (01527 579933) Fax (01527 576537)

A3 ORIGINAL
INCHES
0 1 2
0 10 20 30 40 50 60 70
MILLIMETRES

ISS.	DESCRIPTION	BY	DATE
2	3G UPGRADE (GENERAL AMMENDMENTS). UPGRADE No U99090908.	C.C.	06/09/00
1	3G UPGRADE ISSUED FOR APPROVAL. UPGRADE No U99090908.	SA	02/08/00

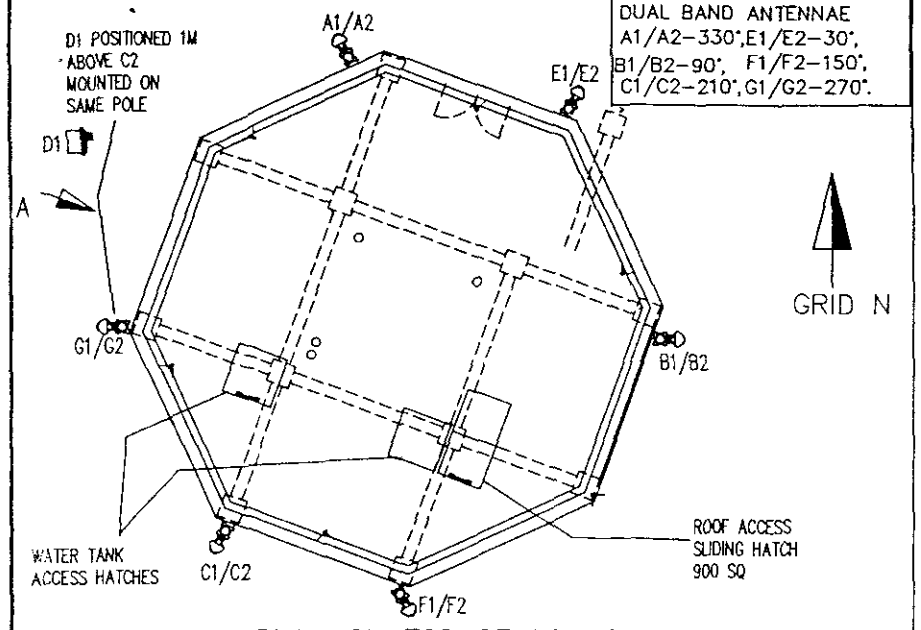
SCALE	DRAWN	S.A.	CHECKED	R.M.	APPROVED
AS SHOWN	DATE	02/08/00	DATE	08/09/00	DATE

TITLE
GENERAL ARRANGEMENT (1 OF 2)
CROWLAND WATER TOWER
THE COMMON, CROWLAND.

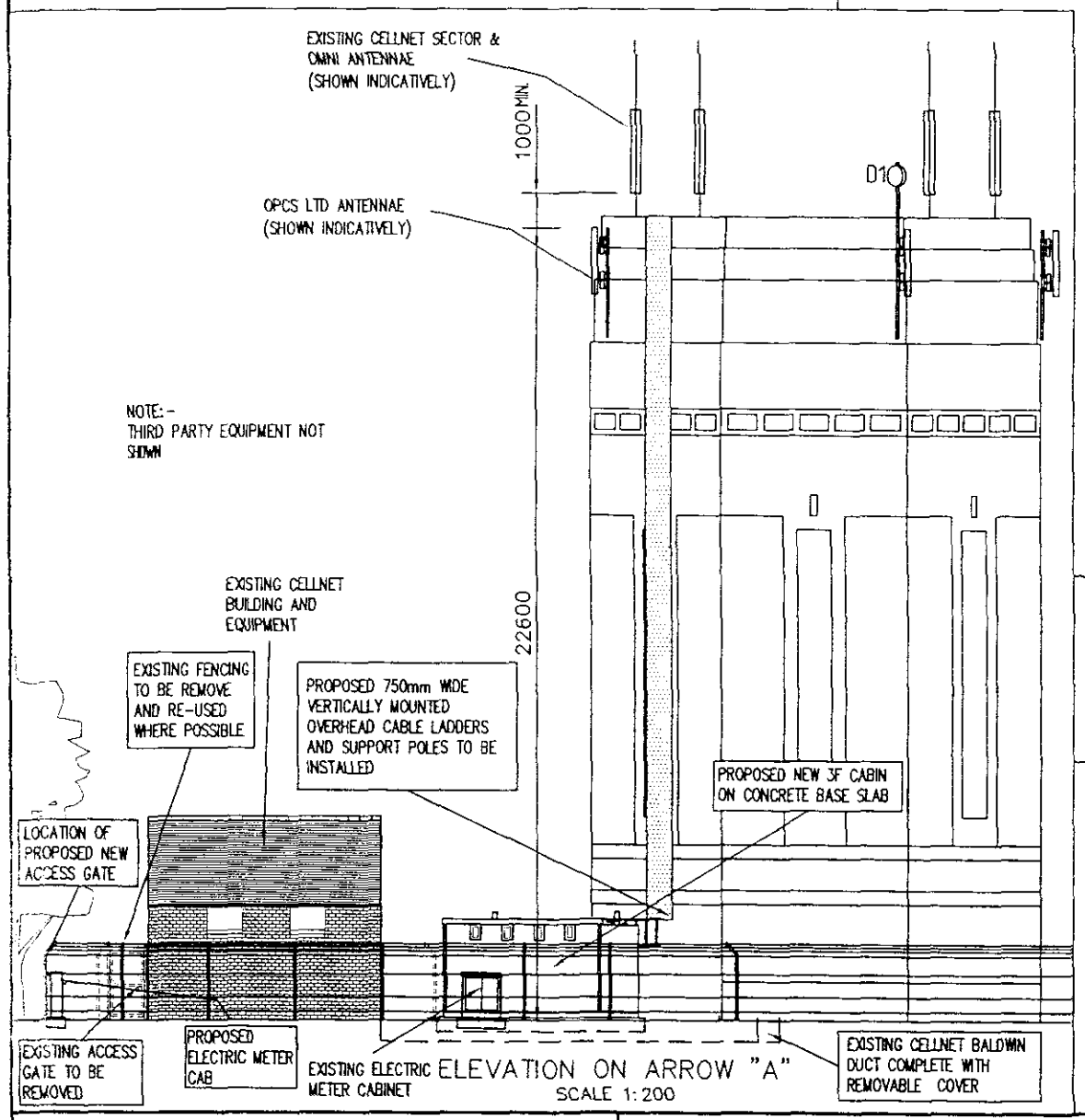
DRAWING NUMBER 40/LIN/0027/U/01
ISSUE 2

orange
hutchison telecom
St. James Court
Great Park Road
Almondsbury
Bristol
BS12 4QJ
Tel 01454 624600
Fax 01454 618501

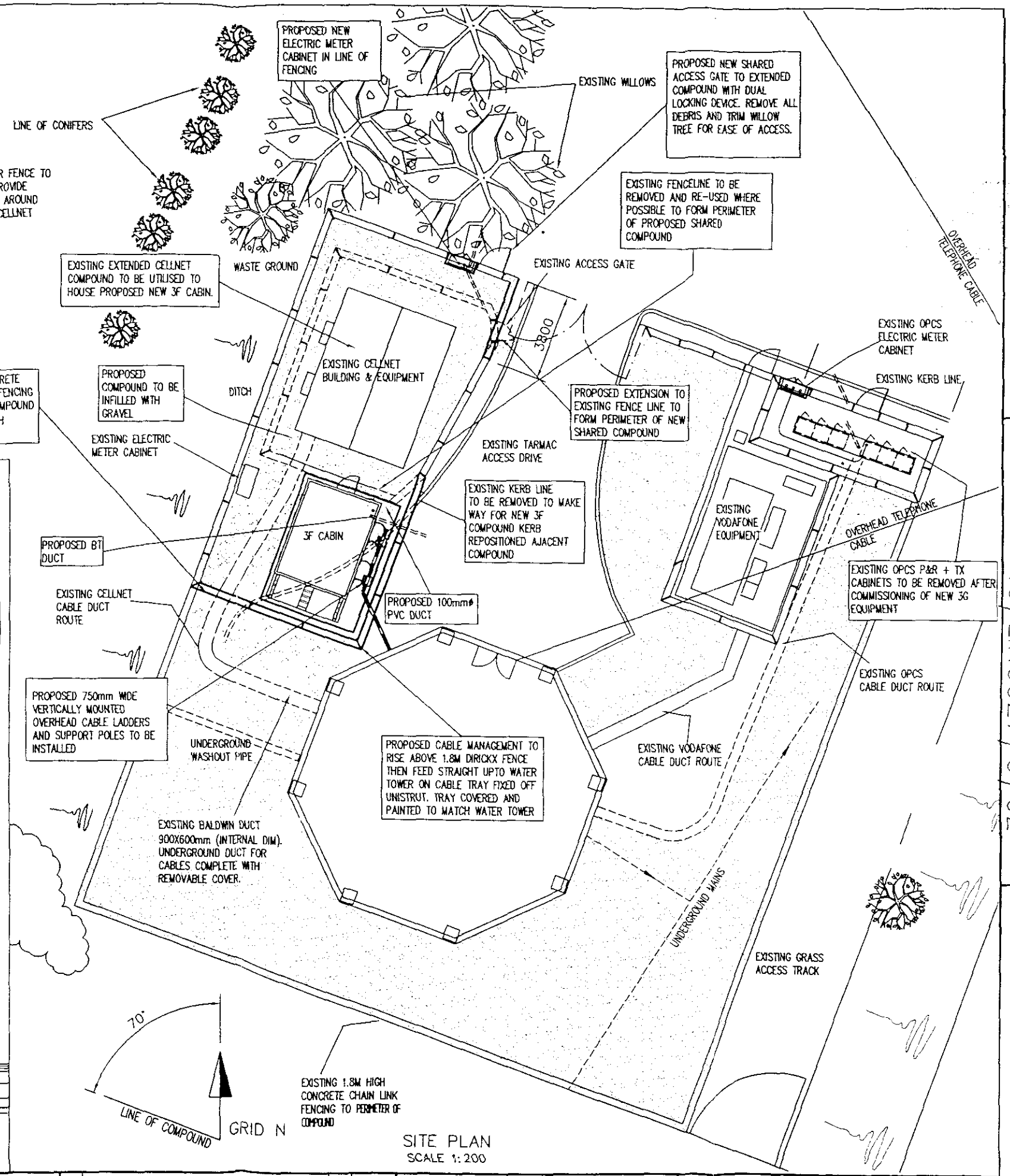
NOTE
ALL EXISTING ANTENNAE TO BE REPLACED WITH NEW DUAL BAND ANTENNAE
A1/A2-330°, E1/E2-30°,
B1/B2-90°, F1/F2-150°,
C1/C2-210°, G1/G2-270°.



PLAN ON TOP OF TOWER
SCALE 1:200



ELEVATION ON ARROW "A"
SCALE 1:200



SITE PLAN
SCALE 1:200

SITE NUMBER 40/LIN0027/U/02

0239/01

CONSULTANT
SHIRE ASSOCIATES
CONSULTING CIVIL & STRUCTURAL ENGINEERS
Holland House, 124 High Street, Bromsgrove, Worcestershire, B61 8BQ.
Telephone (01527 579833) Fax (01527 576537)

A3 ORIGINAL
INCHES 0 1 2
MILLIMETRES 0 10 20 30 40 50 60 70

ISS.	DESCRIPTION	BY	DATE
3	3G UPGRADE(GENERAL AMMENDMENTS),UPGRADE No U99090908	MH	17/11/00
2	3G UPGRADE(GENERAL AMMENDMENTS),UPGRADE No U99090908	C.C.	06/09/00
1	3G UPGRADE ISSUED FOR APPROVAL (UPGRADE No U99090908)	S.A.	02/08/00

SCALE	DRAWN	CHECKED	APPROVED
AS SHOWN	S.A.		
	DATE 02/08/00	DATE 30/11/00	DATE

TITLE
GENERAL ARRANGEMENT
CROWLAND WATER TOWER,
THE COMMON, CROWLAND.

DRAWING NUMBER 40/LIN0027/U/02
ISSUE 3

orange
business telecom

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