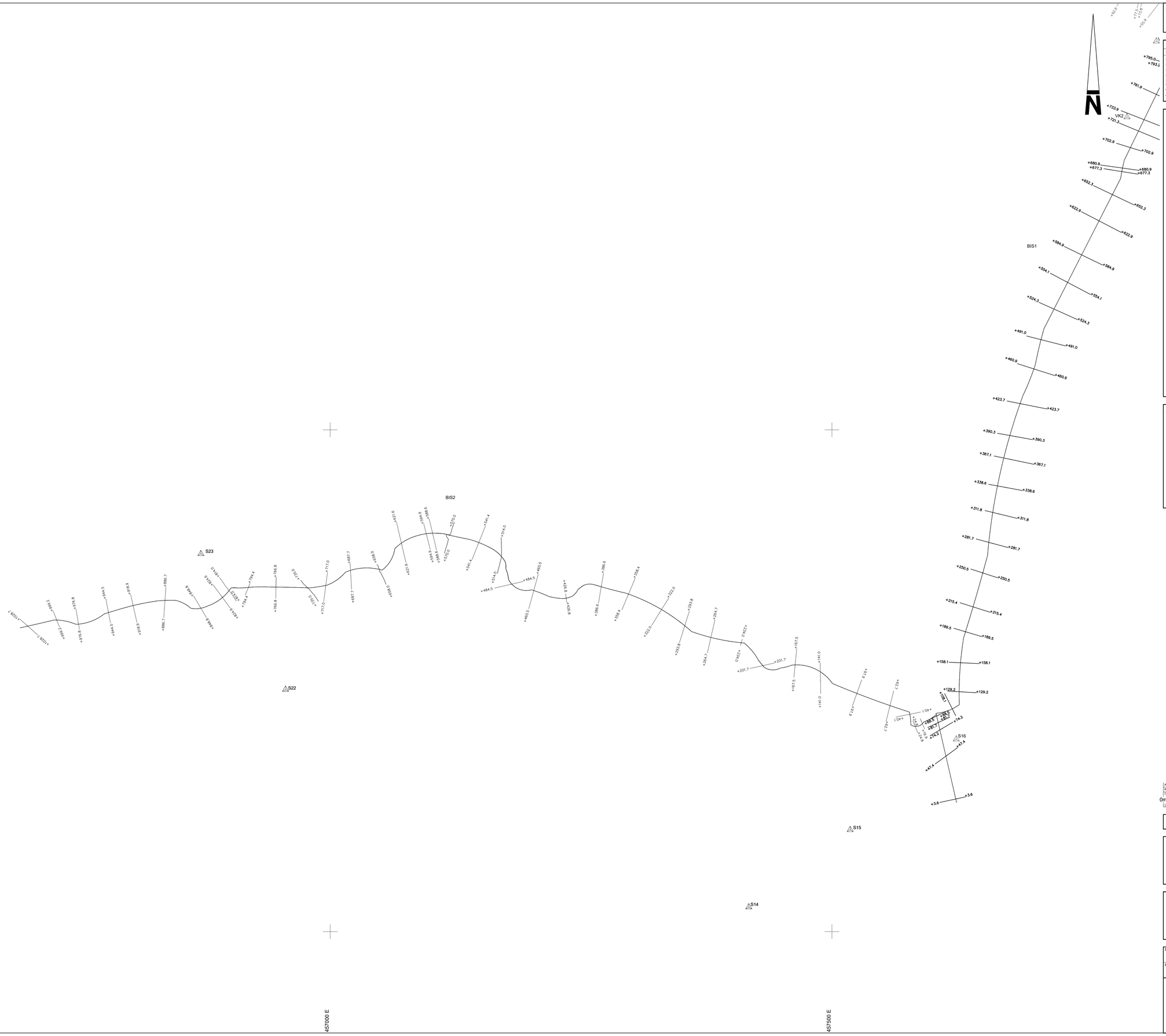


Notes:

1. GRID AND LEVELS BASED ON ORDNANCE DATUM, DERIVED FROM THE NATIONAL GNSS NETWORK. LOCAL SCALE FACTOR 0.99964 APPLIED.
2. ALL CROSS SECTIONS ARE VIEWED LOOKING DOWNSTREAM.

Coordinate Table

Station	Description	Easting	Northing	Level
S14	Road Nail	457417.166	224024.425	83.822
S15	Road Nail	457518.174	224101.420	82.653
S16	Peg	457623.894	224191.634	81.973
S22	Peg	456955.575	224241.194	85.270
S23	Road Nail	456871.185	224376.360	85.082
VK1	Road Nail	457833.448	224786.104	86.727
VK2	Road Nail	457793.981	224811.631	86.470
VK20	Road Nail	457823.232	224887.117	83.806

TOPOGRAPHICAL KEY

SURVEY STATION — 5
BANKING — TOP / BOTTOM
HEDGE SPREADS
WOODLAND CANOPY
ARROW ON STEPS / RAMPS INDICATES DIRECTION UPWARDS
TREES — SPREAD & GIRTH SHOWN TO SCALE
GATE
KERB CHANNEL
ROAD UNKERBED
FOOTPATH
CHANGE IN SURFACE
FENCE
WALL
OVERHEAD ELECTRIC
OVERHEAD TELECOM
FOUL SEWER
SURFACE SEWER
P-TRAP
BACK DROP (EXTERNAL)
BACK DROP (INTERNAL)
BUILDING
OPEN SIDED BUILDING
OVERHANG / CANOPY
GLASSHOUSE
CONTOUR — 25.00
SPOT LEVEL — + 127.13
SIGNAR LEVEL — 127.13
BORE HOLE — BH
TRIAL HOLE — TH

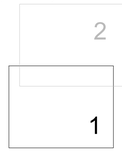
GENERAL ABBREVIATIONS

AIR CONDITIONING UNIT	ACU	BRICK	BK
AVERAGE	Av	BUS STOP	BS
BACK DROP	BD	CABLE RISER	CR
BASE LEVEL	BL	CABLE TV COVER	CTV
BELISHA BEACON	BB	CABLE TV GROUND	CTG
BENCH MARK	BM	CATCH PIT	CP
BOLLARD LIGHT	BOL	CONTROL BOX	CB
BRICK	BK	COVER LEVEL	CL
BUS STOP	BS	CROSSING CONTROL BUTTON	CCB
CABLE RISER	CR	DAMP PROOF COURSE	DPC
CABLE TV COVER	CTV	DRAIN CHANNEL	DCH
CABLE TV GROUND	CTG	DROP KERB	DK
CATCH PIT	CP	ELECTRICITY POLE	EP
CONTROL BOX	CB	EARTH ROD	ER
COVER LEVEL	CL	FIRE HYDRANT	FH
CROSSING CONTROL BUTTON	CCB	FLOOD LEVEL	FL
DAMP PROOF COURSE	DPC	FOOTPATH	Ft
DRAIN CHANNEL	DCH	FOUL WATER	FW
DROP KERB	DK	GAS RISER	GR
ELECTRICITY POLE	EP	GAS VALVE	GV
EARTH ROD	ER	GULLY	GY
FIRE HYDRANT	FH	HARD BED	HB
FLOOD LEVEL	FL	INSPECTION COVER	IC
FOOTPATH	Ft	INVERT LEVEL	IL
FOUL WATER	FW	KERB OUTLET	KO
GAS RISER	GR	LAMP POST	LP
GAS VALVE	GV	MANHOLE	MH
GULLY	GY	MARKER POST	MK
HARD BED	HB	METER	MT
INSPECTION COVER	IC	NO ACCESS VISIBLE	NAV
INVERT LEVEL	IL	ORDNANCE SURVEY BENCH MARK	OSBM
KERB OUTLET	KO	P-TRAP	PT
LAMP POST	LP	POST	PO
MANHOLE	MH	POST BOX	P.BOX
MARKER POST	MK	PROPERTY EYE	RE
METER	MT	ROAD SIGN	RS
NO ACCESS VISIBLE	NAV	RAIN WATER PIPE	RWP
ORDNANCE SURVEY BENCH MARK	OSBM	RETAINING WALL	RW
P-TRAP	PT	SOFT BED	SB
POST	PO	STOP COCK	SC
POST BOX	P.BOX	STREET NAME PLATE	SNP
PROPERTY EYE	RE	SOIL PIPE	SP
ROAD SIGN	RS	SOIL PIPE	SP
RAIN WATER PIPE	RWP	SOIL VENT PIPE	SVP
RETAINING WALL	RW	SURFACE WATER	SW
SOFT BED	SB	TACTILE PAVING	TAC
STOP COCK	SC	TELECOM POLE	TP
STREET NAME PLATE	SNP	TELECOM INSPECTION COVER	TEL
SOIL PIPE	SP	TELEPHONE CALL BOX	TCB
SOIL PIPE	SP	TICKET MACHINE	TM
SOIL VENT PIPE	SVP	TOP OF WALL	TOW
SURFACE WATER	SW	TRAFFIC LIGHT	TL
TACTILE PAVING	TAC	TRAFFIC LIGHT COVER	TLC
TELECOM POLE	TP	THRESHOLD LEVEL	THL
TELECOM INSPECTION COVER	TEL	UNABLE TO LOCATE	UTL
TELEPHONE CALL BOX	TCB	UNABLE TO ENTER	UTE
TICKET MACHINE	TM	UNABLE TO SURVEY	UTS
TOP OF WALL	TOW	VENT PIPE	VP
TRAFFIC LIGHT	TL	WATER LEVEL	WL
TRAFFIC LIGHT COVER	TLC	WATER METER	WM
THRESHOLD LEVEL	THL	WATER PIPE	WP
UNABLE TO LOCATE	UTL	WATER RISER	WR
UNABLE TO ENTER	UTE	WATER TAP	WT
UNABLE TO SURVEY	UTS		

FENCE ABBREVIATIONS

BARBED WIRE FENCE	B/W	IRON RAILINGS	IR
CLOSE BOARDED FENCE	C/B	LARCH LAP FENCE	LL
CONCRETE PANEL FENCE	CPL	POST AND RAIL FENCE	P/R
CORRUGATED IRON FENCE	CI	POST AND WIRE FENCE	P/W
CHAIN LINK FENCE	CL	WIRE MESH FENCE	W/M
CHESTNUT PALING	CNP		

Sheet Layout: (Not to Scale)



Revision	Description	Surv. by	Check. by	Appr. by	Date
A	Cross Section level data updated and Long Sections added	JB	JS	JS	March 2023

0m 5 10 15 20 25 30 35 40 45 50 55

Keyplan

Client:

Brookbanks Consulting

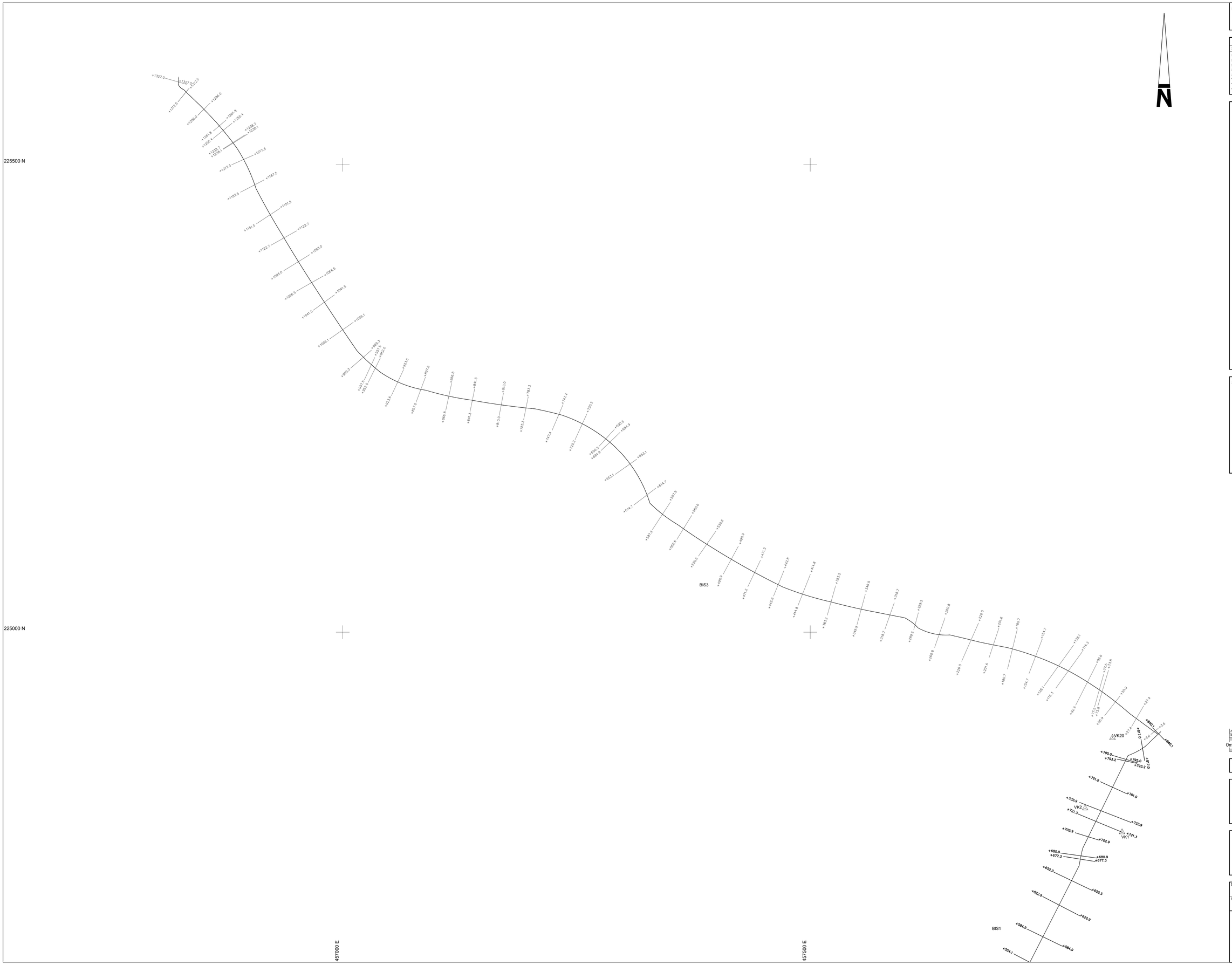
Land Off Middleton Road
Bicester
Oxfordshire, OX27 7HL

Scale:	Sheet Size:	Sheet Number:	Date:
1:1250	A0	1	March 23

Project Number:	Rev:	Surveyed by:	Checked by:	Approved by:
32265	A	JB	JS	JS

mksurveys

www.mksurveys.com www.surveys4bim.co.uk
Head Office: Milton Keynes t: 01908 565561 e: mail@mksurveys.co.uk



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TOPOGRAPHICAL KEY

GENERAL ABBREVIATIONS

SURVEY STATION	5	AIR CONDITIONING UNIT	ACU
		ACCESS	Ac
		AVERAGE	Av
BANKING	TOP / BOTTOM	BACK DROP	BD
		BASE LEVEL	BL
		BELISHA BEACON	BB
		BENCH MARK	BM
		BOLLARD LIGHT	BOL
HEDGE SPREADS		BRICK	BK
		BUS STOP	BS
WOODLAND CANOPY		CABLE RISER	CR
		CABLE TV COVER	CATV
ARROW ON STEPS / RAMPS INDICATES DIRECTION UPWARDS		CABLE TO GROUND	CTG
		CATCH PIT	CP
		CONTROL BOX	CB
		COVER LEVEL	CL
TREES	SPREAD & GIRTH SHOWN TO SCALE	CROSSING CONTROL BUTTON	CCB
		DAMP PROOF COURSE	DPC
		DRAIN CHANNEL	DCH
		DROP KERB	DK
		ELECTRICITY POLE	EP
		EARTH ROD	ER
GATE		FIRE HYDRANT	FH
		FIBRE OPTIC	FO
KERB CHANNEL		FOOTPATH	Ft
		FOUL WATER	FW
ROAD UNKERBED		GAS RISER	GR
		GAS VALVE	GV
FOOTPATH		GULLY	GY
		HARD BED	HB
CHANGE IN SURFACE		INSPECTION COVER	IC
		INVERT LEVEL	IL
FENCE		KERB OUTLET	KO
		LAMP POST	LP
WALL		MANHOLE	MH
		MARKER POST	MK
OVERHEAD ELECTRIC		METER	MT
		NO PIPES VISIBLE	NPV
OVERHEAD TELECOM		ORDNANCE SURVEY BENCH MARK	OSBM
		P-TRAP	PT
FOUL SEWER		POST	PO
		POST BOX	P.BOX
SURFACE SEWER		PROJECT EYE	RE
		ROAD SIGN	RS
P-TRAP		RAIN WATER PIPE	RWP
		RETAINING WALL	RW
BACK DROP (EXTERNAL)		SOFT BED	SB
		STOP COCK	SC
BACK DROP (INTERNAL)		STREET NAME PLATE	SNP
		SOIL STACK	SS
BUILDING		SOIL PIPE	SP
		SOIL VENT PIPE	SVP
		SURFACE WATER	SW
OPEN SIDED BUILDING		TACTILE PAVING	TAC
		TELECOM POLE	TP
OVERHANG / CANOPY		TELECOM INSPECTION COVER	TEL
		TELEPHONE BOX	TB
GLASSHOUSE		TICKET MACHINE	TM
		TOP OF WALL	TOW
CONTOUR	25.00	TRAFFIC LIGHT	TL
		TRAFFIC LIGHT COVER	TLC
SPOT LEVEL	x 127.13	THRESHOLD LEVEL	THL
		UNABLE TO LOCATE	UTL
SIGNAR LEVEL	127.13	UNABLE TO ENTER	UTE
		UNABLE TO SURVEY	UTS
BORE HOLE	BH	VENT PIPE	VP
		WATER LEVEL	WL
TRIAL HOLE	TH	WATER METER	WM
		WATER PIPE	WP
		WATER RISER	WR
		WATER TAP	WT

FENCE ABBREVIATIONS

BARBED WIRE FENCE	B/W	IRON RAILINGS	IR
CLOSE BOARDED FENCE	C/B	LARCH LAP FENCE	LL
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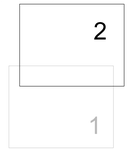
CHESTNUT PALING	CMP		

Sheet Layout: (Not to Scale)



Revision	Description	Run by	Check by/Appr by	Date
A	Cross Section level data updated and Long Sections added	JB	JS	JB	March 2023

0m 5 10 15 20 25 30 35 40 45 50 55

Keyplan

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Oxfordshire, OX27 7HL

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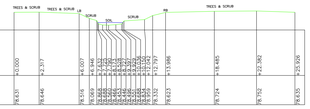
1:1250	A0	2	February 23

Project Number:	Rev:	Surveyed by:	Checked by:	Approved by:
32265	A	JB	JS	JS

mksurveys

www.mksurveys.com www.surveys4bim.co.uk
Head Office: Milton Keynes t: 01908 565561 e: mail@mksurveys.co.uk

Chainage 3.578
Hz.Scale 1:200
Vt.Scale 1:200
Datum 77.000



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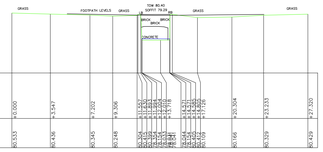

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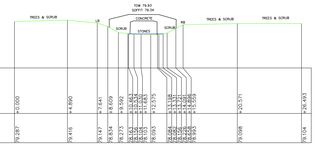

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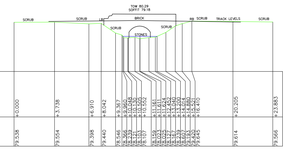

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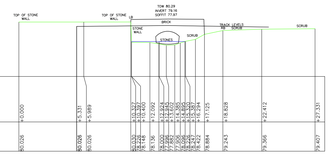

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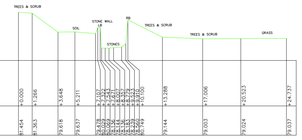
Datum 77.000



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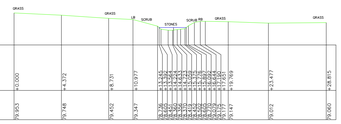

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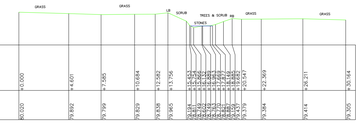

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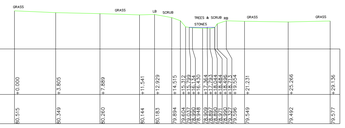

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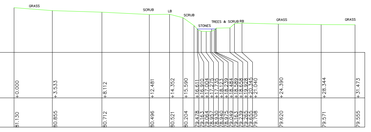

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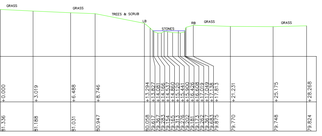

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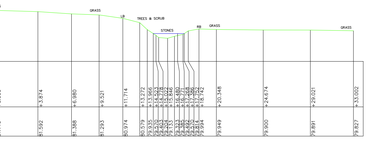

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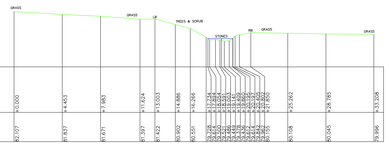

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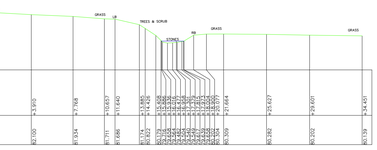

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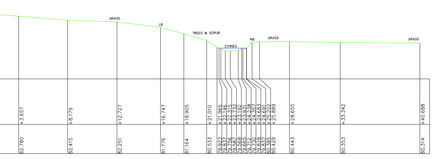
Datum 77.000



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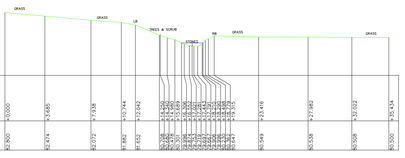

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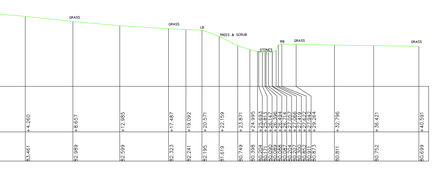
Vt.Scale 1:200
Datum 77.000



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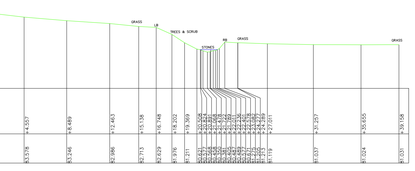

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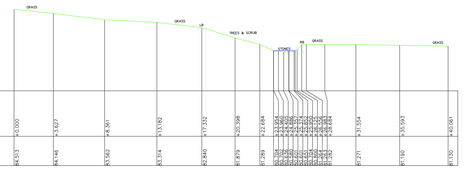
Vt.Scale 1:200
Datum 77.000



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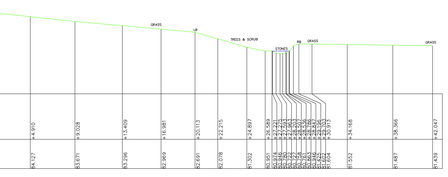
Vt.Scale 1:200
Datum 77.000



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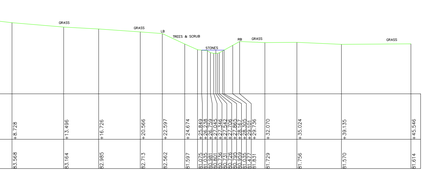
Vt.Scale 1:200
Datum 77.000



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FENCE
WALL
OVERHEAD ELECTRIC — he
OVERHEAD TELECOM — ht
FOUL SEWER
SURFACE SEWER
P-TRAP
BACK DROP (EXTERNAL)
BACK DROP (INTERNAL)
BUILDING
OPEN SIDED BUILDING
OVERHANG / CANOPY
GLASSHOUSE
CONTOUR — 25.00
SPOT LEVEL — + 127.13
SIGNAR LEVEL — 127.13
BORE HOLE — BH
TRIAL HOLE — TH

GENERAL ABBREVIATIONS

AIR CONDITIONING UNIT	ACU
ACCESS	Ac
AVERAGE	Av
BACK DROP	BD
BASE LEVEL	BL
BELISHA BEACON	BB
BENCH MARK	BM
BOLLARD LIGHT	BOL
BRICK	BK
BUS STOP	BS
CABLE RISER	CR
CABLE TV COVER	CTV
CABLE TV GROUND	CTG
CATCH PIT	CP
CONTROL BOX	CB
COVER LEVEL	CL
CROSSING CONTROL BUTTON	CCB
DAMP PROOF COURSE	DPC
DRAINAGE CHANNEL	DCH
DROP KERB	DK
ELECTRICITY POLE	EP
EARTH ROD	ER
FIRE HYDRANT	FH
FUEL DISPENSER	FD
FOOTPATH	Ft
FOUL WATER	FW
GAS RISER	GR
GAS VALVE	GV
GULLY	GY
HARD BED	HB
INSPECTION COVER	IC
INVERT LEVEL	IL
KERB OUTLET	KO
LAMP POST	LP
MANHOLE	MH
MARKER POST	MK
METER	MT
MISCELLANEOUS VISIBLE	MV
ORDNANCE SURVEY BENCH MARK	OSBM
PT-TRAP	PT
POST	PO
POST BOX	P.BOX
PROJECTING EYE	RE
ROAD SIGN	RS
RAIN WATER PIPE	RWP
RETAINING WALL	RW
SOFT BED	SB
STOP COCK	SC
STREET NAME PLATE	SNP
SOIL PIPE	SP
SOIL VENT PIPE	SVP
SURFACE WATER	SW
TACTILE PAVING	TAC
TELECOM POLE	TP
TELECOM INSPECTION COVER	TEL
TELEPHONE CALL BOX	TCB
TICKET MACHINE	TM
TOP OF WALL	TOW
TRAFFIC LIGHT	TL
TRAFFIC LIGHT COVER	TLC
UNDERGROUND LOCAL	THL
UNABLE TO LOCATE	UTL
UNABLE TO ACCESS	UTA
UNABLE TO SURVEY	UTS
VENT PIPE	VP
WATER LEVEL	WL
WATER METER	WM
WATER PIPE	WP
WATER RISER	WR
WATER TAP	WT

FENCE ABBREVIATIONS

BARBED WIRE FENCE	B/W	IRON RAILINGS	IR
CLOSE BOARDED FENCE	C/B	LARCH LAP FENCE	LL
CONCRETE PANEL FENCE	CPL	POST AND RAIL FENCE	P/R
CORRUGATED IRON FENCE	CI	POST AND WIRE FENCE	P/W
CHAIN LINK FENCE	CL	WIRE MESH FENCE	W/M
CHESTNUT PALING	CNP		

Revision	Description	Surv. by:	Check by:	Appr. by:	Date
A	Cross Section level data updated and Long Sections added	JB	JS	JS	March 2023

0m 2 4 6 8 10 12 14 16 18 20 22

Cross Sections - BIS1

Client:

Brookbanks Consulting

Land Off Middleton Road
Bicester
Oxfordshire, OX27 7HL

Scale:	Sheet Size:	Sheet Number:	Date:
1:200	A0	3	February 23

Project Number:	Rev:	Surveyed by:	Checked by:	Approved by:
32265	A	JB	JS	JS

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Head Office: Milton Keynes t: 01908 565561 e: mail@mksurveys.co.uk

Notes:

1. GRID AND LEVELS BASED ON ORDNANCE DATUM, DERIVED FROM THE NATIONAL GNSS NETWORK. LOCAL SCALE FACTOR 0.99964 APPLIED.
2. ALL CROSS SECTIONS ARE VIEWED LOOKING DOWNSTREAM.

Coordinate Table

Station	Description	Easting	Northing	Level
S14	Road Nail	457417.166	224024.425	83.822
S15	Road Nail	457518.174	224101.420	82.653
S16	Peg	457623.894	224191.634	81.973
S22	Peg	456955.575	224241.194	85.270
S23	Road Nail	456871.185	224376.360	85.082
VK1	Road Nail	457833.448	224786.104	86.727
VK2	Road Nail	457793.981	224811.631	86.470
VK20	Road Nail	457823.232	224887.117	83.806

TOPOGRAPHICAL KEY

SURVEY STATION
BANKING (TOP / BOTTOM)
HEDGE SPREADS
WOODLAND CANOPY
ARROW ON STEPS / RAMPS INDICATES DIRECTION UPWARDS
TREES (SPREAD & GIRTH SHOWN TO SCALE)
GATE
KERB CHANNEL
ROAD UNKERBED
FOOTPATH
CHANGE IN SURFACE
FENCE
WALL
OVERHEAD ELECTRIC
OVERHEAD TELECOM
FOUL SEWER
SURFACE SEWER
P-TRAP
BACK DROP (EXTERNAL)
BACK DROP (INTERNAL)
BUILDING
OPEN SIDED BUILDING
OVERHANG / CANOPY
GLASSHOUSE
CONTOUR
SPOT LEVEL
SONAR LEVEL
BORE HOLE
TRIAL HOLE

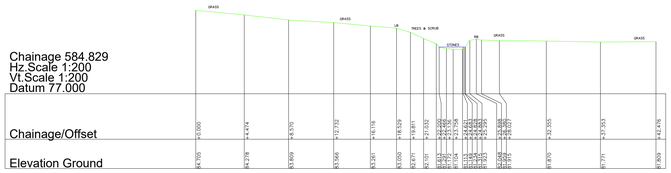
GENERAL ABBREVIATIONS

AIR CONDITIONING UNIT	ACU
ACCESS	Ac
AVERAGE	Av
BACK DROP	BD
BASE LEVEL	BL
BELISHA BEACON	BB
BENCH MARK	BM
BOLLARD LIGHT	BOL
BRICK	BK
BUS STOP	BS
CABLE RISER	CR
CABLE TV COVER	CTV
CABLE TV GROUND	CTG
CATCH PIT	CP
CONTROL BOX	CB
COVER LEVEL	CL
CROSSING CONTROL BUTTON	CCB
DAMP PROOF COURSE	DPC
DRAINAGE CHANNEL	DCH
DROP KERB	DK
ELECTRICITY POLE	EP
EARTH ROD	ER
FIRE HYDRANT	FH
FIBRE OPTIC TEL	FT
FOOTPATH	Fp
FOUL WATER	FW
GAS RISER	GR
GAS VALVE	GV
GULLY	GY
HARD BED	HB
INSPECTION COVER	IC
INVERT LEVEL	IL
KERB OUTLET	KO
LAMP POST	LP
MANHOLE	MH
MARKER POST	MK
METER	MT
NON-RISERS VISIBLE	NRV
ORDNANCE SURVEY BENCH MARK	OSBM
PT	PT
POST	PO
POST BOX	P.BOX
PROPRIETARY EYE	RE
ROAD SIGN	RS
RAIN WATER PIPE	RWP
RETAINING WALL	RW
SOFT BED	SB
STOP COCK	SC
STREET NAME PLATE	SNP
SOIL PIPE	SP
SOIL VENT PIPE	SVP
SURFACE WATER	SW
TACTILE PAVING	TAC
TELECOM POLE	TP
TELECOM INSPECTION COVER	TEL
TELEPHONE KIOSK BOX	TK
TICKET MACHINE	TM
TOP OF WALL	TOW
TRAFFIC LIGHT	TL
TRAFFIC LIGHT COVER	TLC
THRESHOLD LEVEL	THL
UNABLE TO LOCATE	UTL
UNABLE TO RAISE	UTR
UNABLE TO SURVEY	UTS
VENT PIPE	VP
WATER LEVEL	WL
WATER METER	WM
WATER PIPE	WP
WATER RISER	WR
WATER TAP	WT

FENCE ABBREVIATIONS

BARBED WIRE FENCE	B/W	IRON RAILINGS	IR
CLOSE BOARDED FENCE	C/B	LARCH LAP FENCE	LL
CONCRETE PANEL FENCE	CPL	POST AND RAIL FENCE	P/R
CORRUGATED IRON FENCE	CI	POST AND WIRE FENCE	P/W
CHAIN LINK FENCE	CL	WIRE MESH FENCE	W/M
CHESTNUT PALING	CMP		

Chainage 584.829
Hz.Scale 1:200
Vt.Scale 1:200
Datum 77.000



Chainage 622.933
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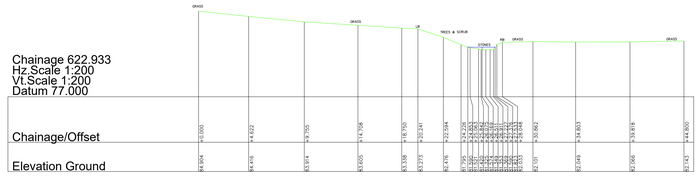
Vt.Scale 1:200
Datum 77.000



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Vt.Scale 1:200
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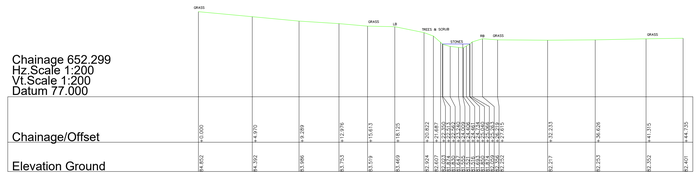

Chainage 677.311
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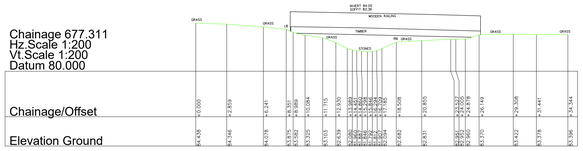
Vt.Scale 1:200
Datum 80.000



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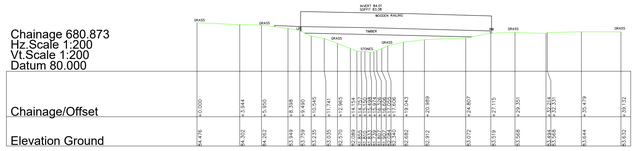
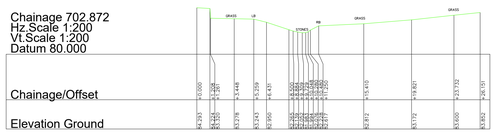
Vt.Scale 1:200
Datum 80.000



Chainage 702.872
Hz.Scale 1:200
Vt.Scale 1:200
Datum 80.000



Chainage 721.260
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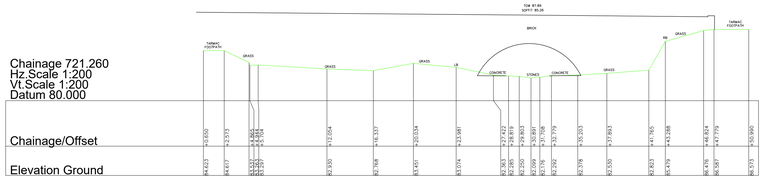
Vt.Scale 1:200
Datum 80.000



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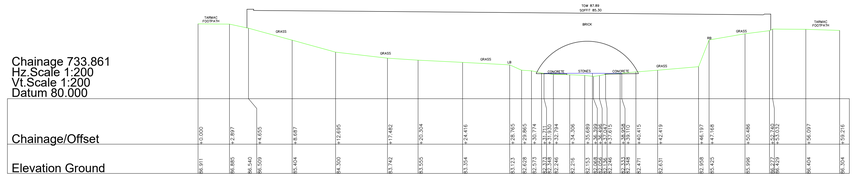
Vt.Scale 1:200
Datum 80.000



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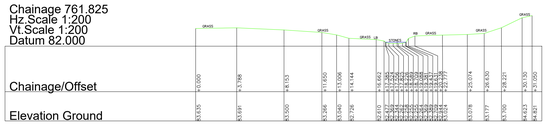
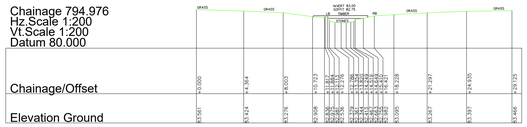
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000



Chainage 793.224
Hz.Scale 1:200
Vt.Scale 1:200
Datum 80.000

Chainage 794.976
Hz.Scale 1:200
Vt.Scale 1:200
Datum 80.000



Chainage 817.006
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000

Chainage 840.050
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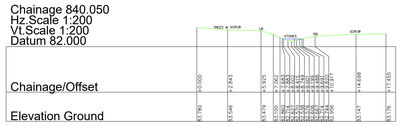
Vt.Scale 1:200
Datum 82.000



Revision	Description	Surv. by	Check by	Appr. by	Date
A	Cross Section level data updated and Long Sections added	JB	JS	JS	March 2023

0m 2 4 6 8 10 12 14 16 18 20 22

Cross Sections - BIS1

Client:

Brookbanks Consulting

Land Off Middleton Road
Bicester
Oxfordshire, OX27 7HL

Scale:	Sheet Size:	Sheet Number:	Date:
1:200	A0	4	February 23

Project Number:	Rev:	Surveyed by:	Checked by:	Approved by:
32265	A	JB	JS	JS

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Head Office: Milton Keynes t: 01908 565561 e: mail@mksurveys.co.uk

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TOPOGRAPHICAL KEY

GENERAL ABBREVIATIONS

SURVEY STATION — 5
BANKING — TOP / BOTTOM
HEDGE SPREADS
WOODLAND CANOPY
ARROW ON STEPS / RAMPS INDICATES DIRECTION UPWARDS
TREES — SPREAD & GIRTH SHOWN TO SCALE
GATE
KERB CHANNEL
ROAD UNKERBED
FOOTPATH
CHANGE IN SURFACE
FENCE
WALL
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HARD BED	HB
INSPECTION COVER	IC
INVERT LEVEL	IL
KERB OUTLET	KO
LAMP POST	LP
MANHOLE	MH
MARKER POST	MK
METER	MT
MINIMUM PIPES VISIBLE	MPV
ORDNANCE SURVEY BENCH MARK	OSBM
PITRAP	PT
POST	PO
POST BOX	P.BOX
PROPERTY EYE	PE
ROAD SIGN	RS
RAIN WATER PIPE	RWP
RETAINING WALL	RW
SOFT BED	SB
STOP COCK	SC
STREET NAME PLATE	SNP
SOIL PIPE	SP
SOIL VENT PIPE	SVP
SURFACE WATER	SW
TACTILE PAVING	TAC
TELECOM POLE	TP
TELECOM INSPECTION COVER	TEL
TELEPHONE BOX	TB
TICKET MACHINE	TM
TOP OF WALL	TOW
TRAFFIC LIGHT	TL
TRAFFIC LIGHT COVER	TLC
UNDERSHUTTER LEVEL	THL
UNABLE TO LOCATE	UTL
UNABLE TO RAISE	UTR
UNABLE TO SURVEY	UTS
VENT PIPE	VP
WATER LEVEL	WL
WATER METER	WM
WATER PIPE	WP
WATER RISER	WR
WATER TAP	WT

FENCE ABBREVIATIONS

BARBED WIRE FENCE	B/W	IRON RAILINGS	IR
CLOSE BOARDED FENCE	C/B	LARCH LAP FENCE	LL
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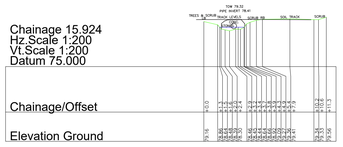
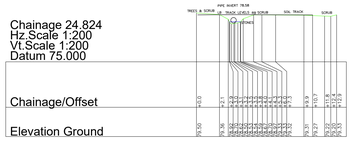
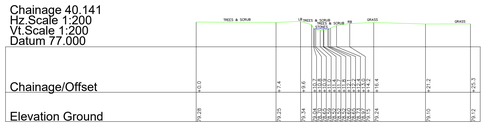
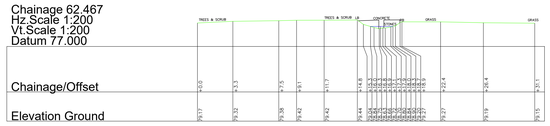
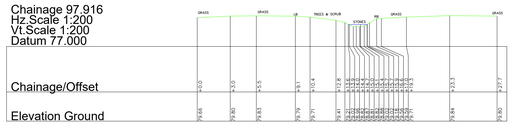
CORRUGATED IRON FENCE	CI	POST AND WIRE FENCE	P/W
CHAIN LINK FENCE	CL	WIRE MESH FENCE	W/M
CHESTNUT PALING	CMP		

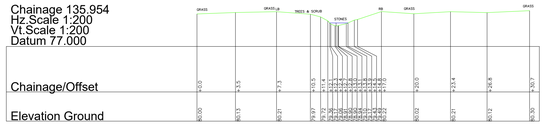


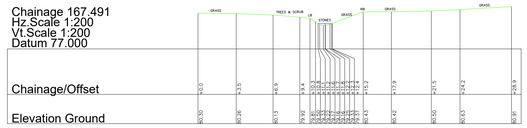


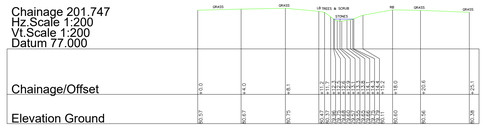


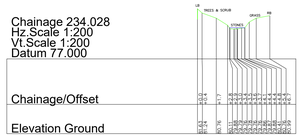


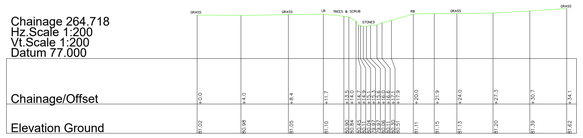


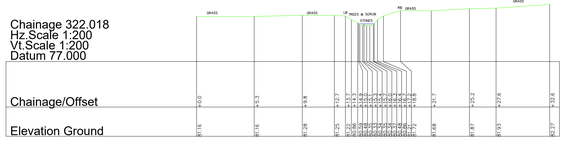


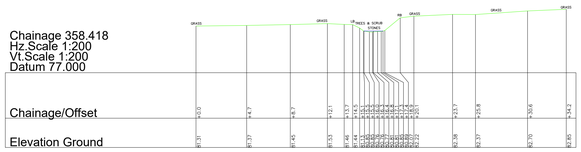


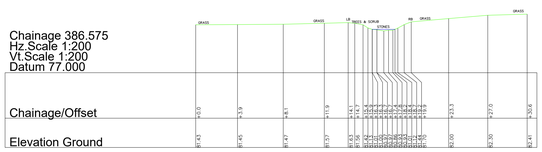


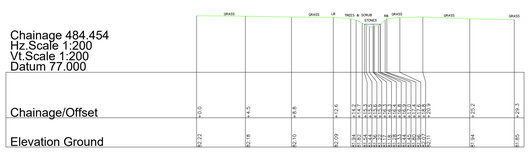


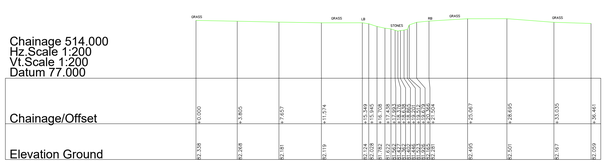


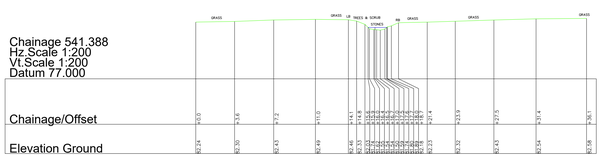


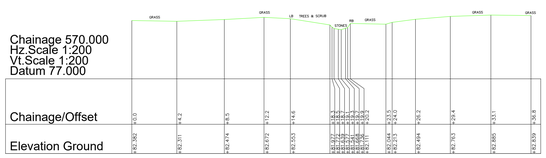


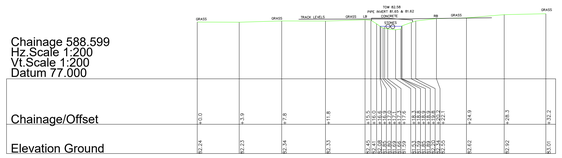












Revision	Description	Run by	Check by/Appr by	Date
A	Cross Section level data updated and Long Sections added	JB	JS	JS	March 2023

0m 2 4 6 8 10 12 14 16 18 20 22

Cross Sections - BIS2

Client:

Brookbanks Consulting

Land Off Middleton Road
Bicester
Oxfordshire, OX27 7HL

Scale:	Sheet Size:	Sheet Number:	Date:
1:200	A0	5	February 23

Project Number:	Rev:	Surveyed by:	Checked by:	Approved by:
32265	A	JB	JS	JS

mksurveys

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e: mail@mksurveys.co.uk

Notes:

1. GRID AND LEVELS BASED ON ORDNANCE DATUM, DERIVED FROM THE NATIONAL GNSS NETWORK. LOCAL SCALE FACTOR 0.99964 APPLIED.
2. ALL CROSS SECTIONS ARE VIEWED LOOKING DOWNSTREAM.

Coordinate Table

Station	Description	Easting	Northing	Level
S14	Road Nail	457417.166	224024.425	83.822
S15	Road Nail	457518.174	224101.420	82.653
S16	Peg	457623.894	224191.634	81.973
S22	Peg	456955.575	224241.194	85.270
S23	Road Nail	456871.185	224376.360	85.082
VK1	Road Nail	457833.448	224786.104	86.727
VK2	Road Nail	457793.981	224811.631	86.470
VK20	Road Nail	457823.232	224887.117	83.806

TOPOGRAPHICAL KEY

SURVEY STATION — 5
BANKING — TOP / BOTTOM
HEDGE SPREADS
WOODLAND CANOPY
ARROW ON STEPS / RAMPS INDICATES DIRECTION UPWARDS
TREES — SPREAD & GIRTH SHOWN TO SCALE
GATE
KERB CHANNEL
ROAD UNKERBED
FOOTPATH
CHANGE IN SURFACE
FENCE
WALL
OVERHEAD ELECTRIC — he
OVERHEAD TELECOM — ot
FOUL SEWER
SURFACE SEWER
P-TRAP
BACK DROP (EXTERNAL)
BACK DROP (INTERNAL)
BUILDING
OPEN SIDED BUILDING
OVERHANG / CANOPY
GLASSHOUSE
CONTOUR — 25.00
SPOT LEVEL — + 127.13
SIGNAR LEVEL — 127.13
BORE HOLE — BH
TRIAL HOLE — TH

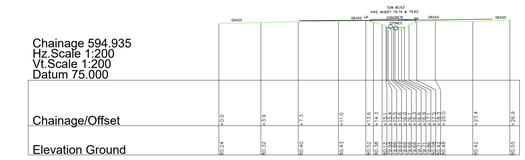
GENERAL ABBREVIATIONS

		AIR CONDITIONING UNIT	ACU
		ACCESS	Ac
		AVERAGE	Av
		BACK DROP	BD
		BASE LEVEL	BL
		BELISHA BEACON	BB
		BENCH MARK	BM
		BOLLARD LIGHT	BOL
		BRICK	BK
		BUS STOP	BS
		CABLE RISER	CR
		CABLE TV COVER	CTV
		CABLE TV GROUND	CTG
		CATCH PIT	CP
		CONTROL BOX	CB
		COVER LEVEL	CL
		CROSSING CONTROL BUTTON	CCB
		DAMP PROOF COURSE	DPC
		DRAIN CHANNEL	DCH
		DROP KERB	DK
		ELECTRICITY POLE	EP
		EARTH ROD	ER
		FIRE HYDRANT	FH
		FIRE HYDRANT	FH
		FOOTPATH	Ft
		FOUL WATER	FW
		GAS RISER	GR
		GAS VALVE	GV
		GULLY	GY
		HARD BED	HB
		INSPECTION COVER	IC
		INVERT LEVEL	IL
		KERB OUTLET	KO
		LAMP POST	LP
		MANHOLE	MH
		MARKER POST	MK
		METER	MT
		MINIMUM PIPES VISIBLE	MPV
		ORDNANCE SURVEY BENCH MARK	OSBM
		P-TRAP	PT
		POST	PO
		POST BOX	P.BOX
		PROJECTING EYE	PE
		ROAD SIGN	RS
		RAIN WATER PIPE	RWP
		RETAINING WALL	RW
		SOFT BED	SB
		STOP COCK	SC
		STREET NAME PLATE	SNP
		SOIL STACK	SS
		SOIL PIPE	SP
		SOIL VENT PIPE	SVP
		SURFACE WATER	SW
		TACTILE PAVING	TAC
		TELECOM POLE	TP
		TELECOM INSPECTION COVER	TEL
		TELEPHONE CALL BOX	TBX
		TICKET MACHINE	TM
		TOP OF WALL	TOW
		TRAFFIC LIGHT	TL
		TRAFFIC LIGHT COVER	TLC
		THRESHOLD LEVEL	THL
		UNABLE TO LOCATE	UTL
		UNABLE TO ENTER	UTE
		UNABLE TO SURVEY	UTS
		VENT PIPE	VP
		WATER LEVEL	WL
		WATER METER	WM
		WATER PIPE	WP
		WATER RISER	WR
		WATER TAP	WT

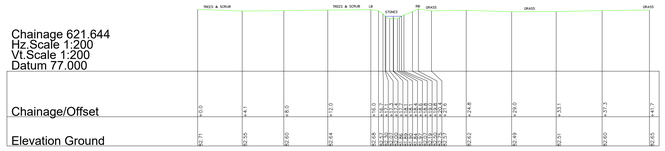
FENCE ABBREVIATIONS

BARBED WIRE FENCE	B/W	IRON RAILINGS	IR
CLOSE BOARDED FENCE	C/B	LARCH LAP FENCE	LL
CONCRETE PANEL FENCE	CPL	POST AND RAIL FENCE	P/R
CORRUGATED IRON FENCE	CI	POST AND WIRE FENCE	P/W
CHAIN LINK FENCE	CL	WIRE MESH FENCE	W/M
CHESTNUT PALING	CMP		

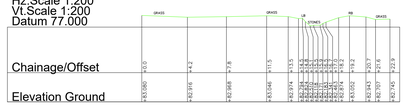
Chainage 594.935
Hz.Scale 1:200
Vt.Scale 1:200
Datum 75.000



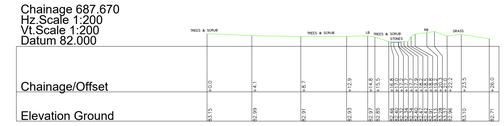
Chainage 621.644
Hz.Scale 1:200
Vt.Scale 1:200
Datum 77.000



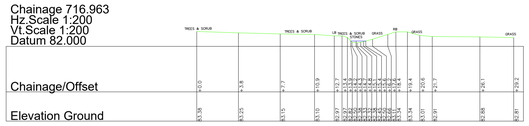
Chainage 658.000
Hz.Scale 1:200
Vt.Scale 1:200
Datum 77.000



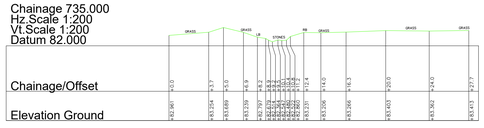
Chainage 687.670
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000



Chainage 716.963
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000

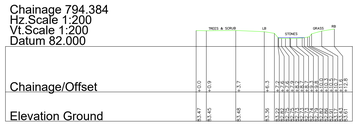


Chainage 735.000
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000

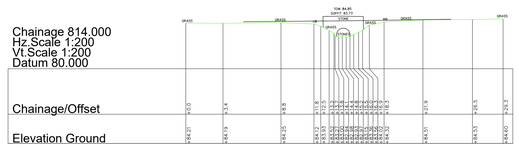


Chainage 766.813
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000

Chainage 794.384
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000



Chainage 814.000
Hz.Scale 1:200
Vt.Scale 1:200
Datum 80.000



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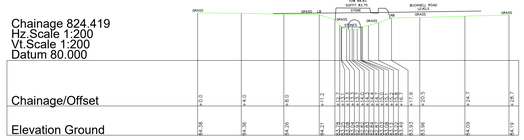
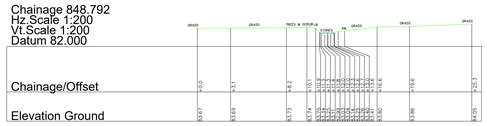
Vt.Scale 1:200
Datum 80.000



Chainage 848.792
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000

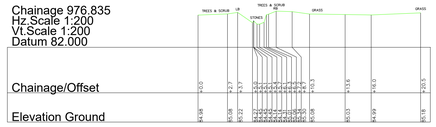


Chainage 886.748
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000

Chainage 918.934
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000

Chainage 944.236
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000

Chainage 976.835
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000



Chainage 999.166
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000

Chainage 1028.699
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000

Revision	Description	Surv. by:	Check by:	Appr. by:	Date
A	Cross Section level data updated and Long Sections added	JB	JS	JS	March 2023

0m 2 4 6 8 10 12 14 16 18 20 22

Cross Sections - BIS2

Client:

Brookbanks Consulting

Land Off Middleton Road
Bicester
Oxfordshire, OX27 7HL

Scale:	Sheet Size:	Sheet Number:	Date:
1:200	A0	6	February 23

Project Number:	Rev:	Surveyed by:	Checked by:	Approved by:
32265	A	JB	JS	JS

mksurveys

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Head Office: Milton Keynes t: 01908 565561 e: mail@mksurveys.co.uk

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VK1	Road Nail	457833.448	224786.104	86.727
VK2	Road Nail	457793.981	224811.631	86.470
VK20	Road Nail	457823.232	224887.117	83.806

TOPOGRAPHICAL KEY

SURVEY STATION — 5

BANKING — TOP / BOTTOM

HEDGE SPREADS

WOODLAND CANOPY

ARROW ON STEPS / RAMPS INDICATES DIRECTION UPWARDS

TREES — SPREAD & GIRTH SHOWN TO SCALE

GATE

KERB CHANNEL

ROAD UNKERBED

FOOTPATH

CHANGE IN SURFACE

FENCE

WALL

OVERHEAD ELECTRIC — hv

OVERHEAD TELECOM — ot

FOUL SEWER

SURFACE SEWER

P-TRAP

BACK DROP (EXTERNAL)

BACK DROP (INTERNAL)

BUILDING

OPEN SIDED BUILDING

OVERHANG / CANOPY

GLASSHOUSE

CONTOUR — 25.00

SPOT LEVEL — + 127.13

SIGNAR LEVEL — ⊙ 127.13

BORE HOLE — BH

TRIAL HOLE — TH

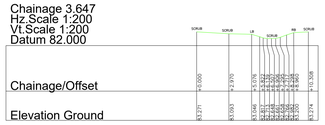
GENERAL ABBREVIATIONS

		AIR CONDITIONING UNIT	ACU
		ACCESS	Ac
		AVERAGE	Av
		BACK DROP	BD
		BASE LEVEL	BL
		BELISHA BEACON	BB
		BENCH MARK	BM
		BOLLARD LIGHT	BOL
		BRICK	BK
		BUS STOP	BS
		CABLE RISER	CR
		CABLE TV COVER	CTV
		CABLE TV GROUND	CTG
		CATCH PIT	CP
		CONTROL BOX	CB
		COVER LEVEL	CL
		CROSSING CONTROL BUTTON	CCB
		DAMP PROOF COURSE	DPC
		DRAIN CHANNEL	DCH
		DROP KERB	DK
		ELECTRICITY POLE	EP
		EARTH ROD	ER
		FIRE HYDRANT	FH
		FOUL MANHOLE	FI
		FOOTPATH	Fp
		FOUL WATER	FW
		GAS RISER	GR
		GAS VALVE	GV
		GULLY	GY
		HARD BED	HB
		INSPECTION COVER	IC
		INVERT LEVEL	IL
		KERB OUTLET	KO
		LAMP POST	LP
		MANHOLE	MH
		MARKER POST	MK
		METER	MT
		NON-TRAPES VISIBLE	NTV
		ORDNANCE SURVEY BENCH MARK	OSBM
		P-TRAP	PT
		POST	PO
		POST BOX	P.BOX
		PROPERTY EYE	PE
		ROAD SIGN	RS
		RAIN WATER PIPE	RWP
		RETAINING WALL	RW
		SOFT BED	SB
		STOP COCK	SC
		STREET NAME PLATE	SNP
		SOIL PIPE	SP
		SOIL PIPE	SP
		SOIL VENT PIPE	SVP
		SURFACE WATER	SW
		TACTILE PAVING	TAC
		TELECOM POLE	TP
		TELECOM INSPECTION COVER	TEL
		TELEPHONE CALL BOX	TBX
		TICKET MACHINE	TM
		TOP OF WALL	TOW
		TRAFFIC LIGHT	TL
		TRAFFIC LIGHT COVER	TLC
		THRESHOLD LEVEL	THL
		UNABLE TO LOCATE	UTL
		UNABLE TO ENTER	UTR
		UNABLE TO SURVEY	UTS
		VENT PIPE	VP
		WATER LEVEL	WL
		WATER METER	WM
		WATER PIPE	WP
		WATER RISER	WR
		WATER TAP	WT

FENCE ABBREVIATIONS

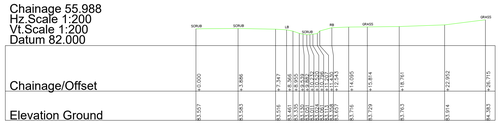
BARBED WIRE FENCE	B/W	IRON RAILINGS	IR
CLOSE BOARDED FENCE	C/B	LARCH LAP FENCE	LL
CONCRETE PANEL FENCE	CPL	POST AND RAIL FENCE	P/R
CORRUGATED IRON FENCE	CI	POST AND WIRE FENCE	P/W
CHAIN LINK FENCE	CL	WIRE MESH FENCE	W/M
CHESTNUT PALING	CMP		

Chainage 3.647
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000

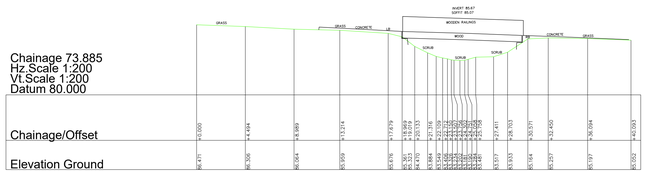


Chainage 27.431
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000

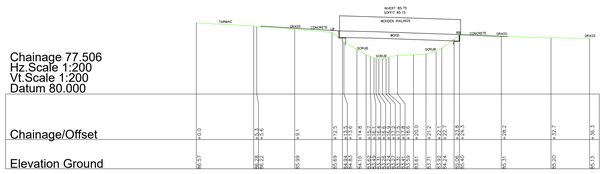
Chainage 55.988
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000



Chainage 73.885
Hz.Scale 1:200
Vt.Scale 1:200
Datum 80.000



Chainage 77.506
Hz.Scale 1:200
Vt.Scale 1:200
Datum 80.000



Chainage 92.668
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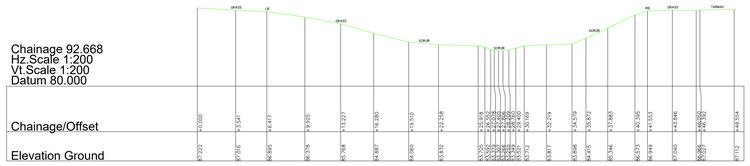
Vt.Scale 1:200
Datum 80.000



Chainage 116.338
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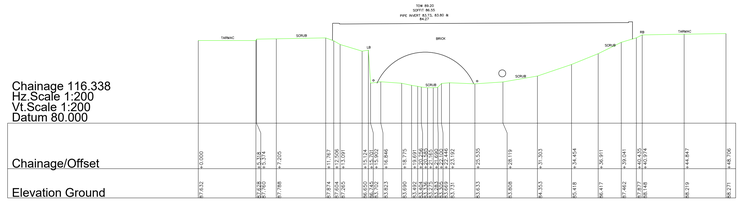
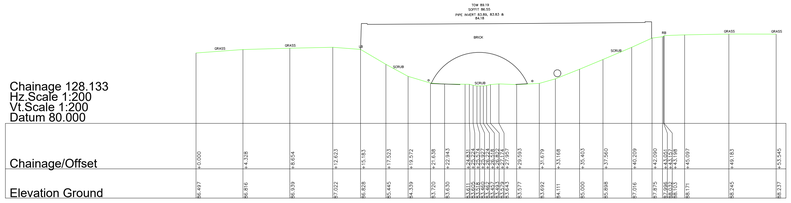
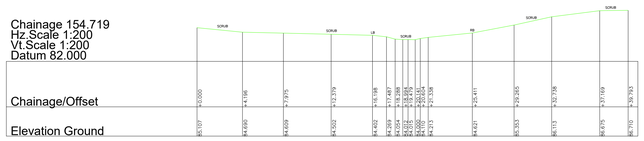
Vt.Scale 1:200
Datum 80.000



Chainage 128.133
Hz.Scale 1:200
Vt.Scale 1:200
Datum 80.000



Chainage 154.719
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000



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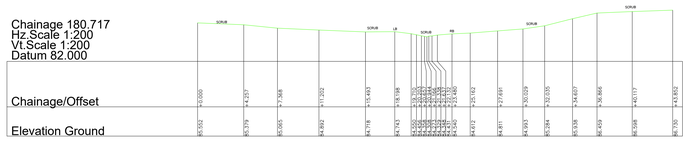
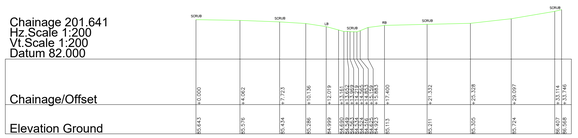
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000



Chainage 201.641
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000



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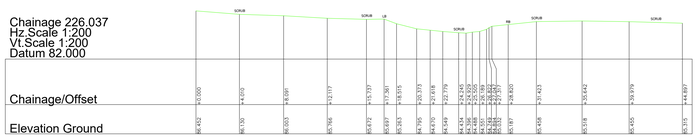
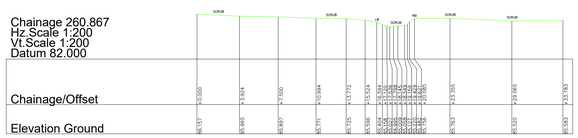
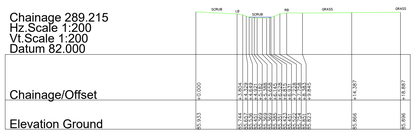
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000



Chainage 260.867
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000



Chainage 289.215
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000



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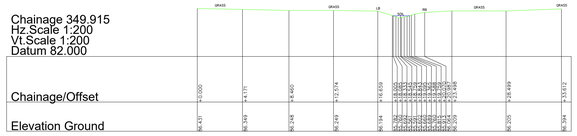
Vt.Scale 1:200
Datum 82.000

Chainage 349.915
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000



Revision	Description	Drwn by	Check by	Appr by	Date
A	Cross Section level data updated and Long Sections added	JB	JS	JS	March 2023

0m 2 4 6 8 10 12 14 16 18 20 22

Cross Sections - BIS3

Client:

Brookbanks Consulting

Land Off Middleton Road
Bicester
Oxfordshire, OX27 7HL

Scale:	Sheet Size:	Sheet Number:	Date:
1:200	A0	7	February 23

Project Number:	Rev:	Surveyed by:	Checked by:	Approved by:
32265	A	JB	JS	JS

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Head Office: Milton Keynes t: 01908 565561 e: mail@mksurveys.co.uk

Notes:

1. GRID AND LEVELS BASED ON ORDNANCE DATUM, DERIVED FROM THE NATIONAL GNSS NETWORK. LOCAL SCALE FACTOR 0.99964 APPLIED.
2. ALL CROSS SECTIONS ARE VIEWED LOOKING DOWNSTREAM.

Coordinate Table

Station	Description	Easting	Northing	Level
S14	Road Nail	457417.166	224024.425	83.822
S15	Road Nail	457518.174	224101.420	82.653
S16	Peg	457623.894	224191.634	81.973
S22	Peg	456955.575	224241.194	85.270
S23	Road Nail	456871.185	224376.360	85.082
VK1	Road Nail	457833.448	224786.104	86.727
VK2	Road Nail	457793.981	224811.631	86.470
VK20	Road Nail	457823.232	224887.117	83.806

TOPOGRAPHICAL KEY

GENERAL ABBREVIATIONS

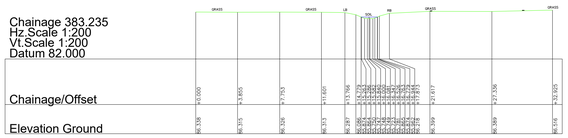
SURVEY STATION
BANKING (TOP / BOTTOM)
HEDGE SPREADS
WOODLAND CANOPY
ARROW ON STEPS / RAMPS INDICATES DIRECTION UPWARDS
TREES — SPREAD & GIRTH SHOWN TO SCALE
GATE
KERB CHANNEL
ROAD UNKERBED
FOOTPATH
CHANGE IN SURFACE
FENCE
WALL
OVERHEAD ELECTRIC
OVERHEAD TELECOM
FOUL SEWER
SURFACE SEWER
P-TRAP
BACK DROP (EXTERNAL)
BACK DROP (INTERNAL)
BUILDING
OPEN SIDED BUILDING
OVERHANG / CANOPY
GLASSHOUSE
CONTOUR
SPOT LEVEL — × 127.13
SIGNAR LEVEL — 127.13
BORE HOLE — BH
TRIAL HOLE — TH

AIR CONDITIONING UNIT	ACU	IRON RAILINGS	IR
AVERAGE	Av	LARCH LAP FENCE	LL
BACK DROP	BD	POST AND RAIL FENCE	P/R
BASE LEVEL	BL	POST AND WIRE FENCE	P/W
BELISHA BEACON	BB	WIRE MESH FENCE	W/M
BITUMEN	Bit		
BOLLARD LIGHT	BOL		
BRICK	BK		
BUS STOP	BS		
CABLE RISER	CR		
CABLE TV COVER	CTV		
CABLE TV GROUND	CTG		
CATCH PIT	CP		
CONTROL BOX	CB		
COVER LEVEL	CL		
CROSSING CONTROL BUTTON	CCB		
DAMP PROOF COURSE	DPC		
DRAIN / CHANNEL	DCH		
DROP KERB	DK		
ELECTRICITY POLE	EP		
EARTH ROD	ER		
FIRE HYDRANT	FH		
FOUL MANHOLE	FM		
FOOTPATH	Fp		
FOUL WATER	FW		
GAS RISER	GR		
GAS VALVE	GV		
GULLY	GY		
HARD BED	HB		
INSPECTION COVER	IC		
INVERT LEVEL	IL		
KERB OUTLET	KO		
LAMP POST	LP		
MANHOLE	MH		
MARKER POST	MK		
METER	MT		
NO PIPES VISIBLE	NPV		
ORDNANCE SURVEY BENCH MARK	OSBM		
P-TRAP	PT		
POST	PO		
POST BOX	P.BOX		
PROJECTED EYE	RE		
ROAD SIGN	RS		
RAIN WATER PIPE	RWP		
RETAINING WALL	RW		
SOFT BED	SB		
STOP COCK	SC		
STREET NAME PLATE	SNP		
SOIL STACK	SS		
SOIL PIPE	SP		
SOIL VENT PIPE	SVP		
SURFACE WATER	SW		
TACTILE PAVING	TAC		
TELECOM POLE	TP		
TELECOM INSPECTION COVER	TEL		
TELEPHONE CALL BOX	TCB		
TICKET MACHINE	TM		
TOP OF WALL	TOW		
TRAFFIC LIGHT	TL		
TRAFFIC LIGHT COVER	TLC		
UNBEKNOWN CABLE	TAL		
UNABLE TO LOCATE	UTL		
UNABLE TO RAISE	UTR		
UNABLE TO SURVEY	UTS		
VENT PIPE	VP		
WATER LEVEL	WL		
WATER METER	WM		
WATER PIPE	WP		
WATER RISER	WR		
WATER TAP	WT		

FENCE ABBREVIATIONS

BARBED WIRE FENCE	B/W	IRON RAILINGS	I/R
CLOSE BOARDED FENCE	C/B	LARCH LAP FENCE	L/L
CONCRETE PANEL FENCE	CPL	POST AND RAIL FENCE	P/R
CORRUGATED IRON FENCE	C/I	POST AND WIRE FENCE	P/W
CHAIN LINK FENCE	CL	WIRE MESH FENCE	W/M
CHESTNUT PALING	CNP		

Chainage 383.235
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000



Chainage 414.807
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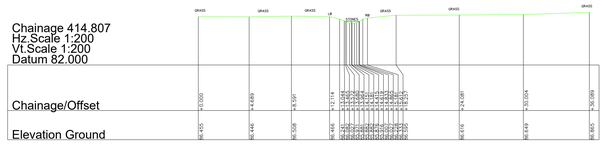
Vt.Scale 1:200
Datum 82.000



Chainage 442.835
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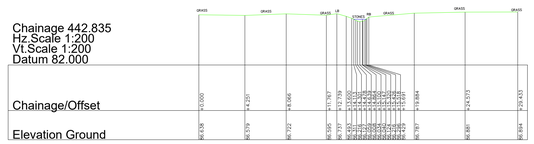
Vt.Scale 1:200
Datum 82.000



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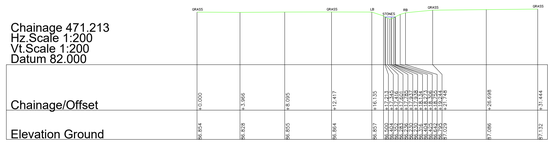
Vt.Scale 1:200
Datum 82.000



Chainage 499.927
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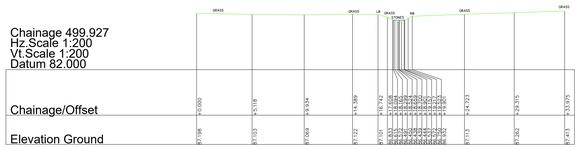
Vt.Scale 1:200
Datum 82.000



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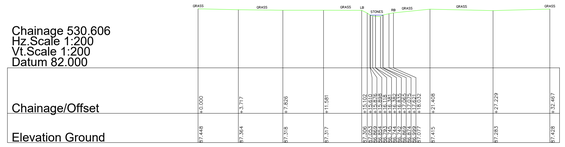
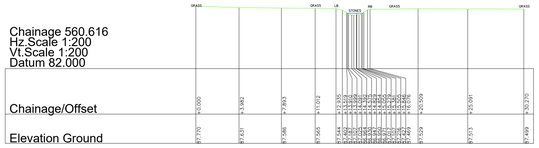
Datum 82.000



Chainage 560.616
Hz.Scale 1:200
Vt.Scale 1:200
Datum 82.000



Chainage 587.903
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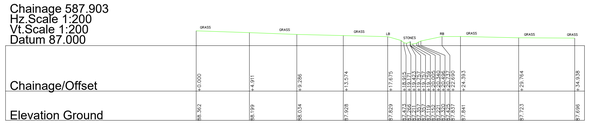
Vt.Scale 1:200
Datum 87.000



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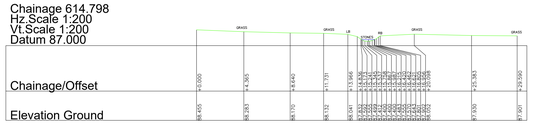
Hz.Scale 1:200
Vt.Scale 1:200
Datum 87.000



Chainage 653.110
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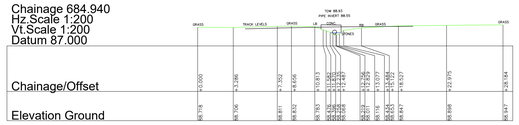
Vt.Scale 1:200
Datum 87.000

Chainage 684.940
Hz.Scale 1:200
Vt.Scale 1:200
Datum 87.000



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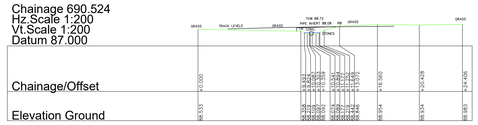
Vt.Scale 1:200
Datum 87.000



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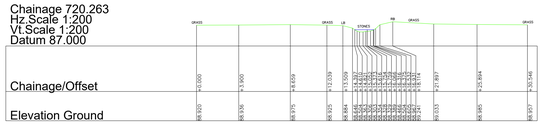
Vt.Scale 1:200
Datum 87.000



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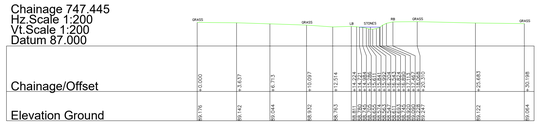
Vt.Scale 1:200
Datum 87.000



Chainage 783.364
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Vt.Scale 1:200
Datum 87.000

Chainage 810.058
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Vt.Scale 1:200
Datum 87.000

Chainage 841.339
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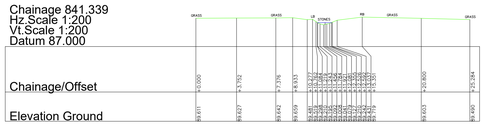
Vt.Scale 1:200
Datum 87.000



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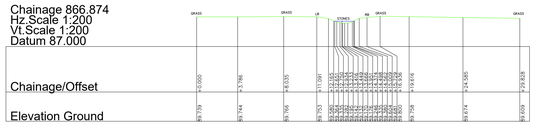
Datum 87.000



A	Cross Section level data updated and Long Sections added	JB	JS	JS	March 2023
Revision	Description	Surv. by	Check. by	Appr. by	Date

0m 2 4 6 8 10 12 14 16 18 20 22

Cross Sections - BIS3

Client:

Brookbanks Consulting

Land Off Middleton Road
Bicester
Oxfordshire, OX27 7HL

Scale:	Sheet Size:	Sheet Number:	Date:
1:200	A0	8	February 23

Project Number:	Rev:	Surveyed by:	Checked by:	Approved by:
32265	A	JB	JS	JS

mksurveys

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Head Office: Milton Keynes t: 01908 565561 e: mail@mksurveys.co.uk

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VK20	Road Nail	457823.232	224887.117	83.806

TOPOGRAPHICAL KEY

SURVEY STATION
BANKING (TOP / BOTTOM)
HEDGE SPREADS
WOODLAND CANOPY
ARROW ON STEPS / RAMPS INDICATES DIRECTION UPWARDS
TREES (SPREAD & GIRTH SHOWN TO SCALE)
GATE
KERB CHANNEL
ROAD UNKERBED
FOOTPATH
CHANGE IN SURFACE
FENCE
WALL
OVERHEAD ELECTRIC
OVERHEAD TELECOM
FOUL SEWER
SURFACE SEWER
P-TRAP
BACK DROP (EXTERNAL)
BACK DROP (INTERNAL)
BUILDING
OPEN SIDED BUILDING
OVERHANG / CANOPY
GLASSHOUSE
CONTOUR
SPOT LEVEL
SIGNAR LEVEL
BORE HOLE
TRIAL HOLE

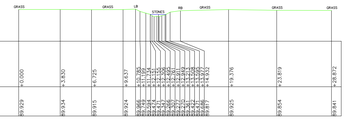
GENERAL ABBREVIATIONS

AIR CONDITIONING UNIT	ACU
ACCESS	Ac
AVERAGE	Av
BACK DROP	BD
BASE LEVEL	BL
BELISHA BEACON	BB
BENCH MARK	BM
BOLLARD LIGHT	BOL
BRICK	BK
BUS STOP	BS
CABLE RISER	CR
CABLE TV COVER	CTV
CABLE TV GROUND	CTG
CATCH PIT	CP
CONTROL BOX	CB
COVER LEVEL	CL
CROSSING CONTROL BUTTON	CCB
DAMP PROOF COURSE	DPC
DRAINAGE CHANNEL	DCH
DROP KERB	DK
ELECTRICITY POLE	EP
EARTH ROD	ER
FIRE HYDRANT	FH
FOUL MANHOLE	FI
FOOTPATH	Fp
FOUL WATER	FW
GAS RISER	GR
GAS VALVE	GV
GULLY	GY
HARD BED	HB
INSPECTION COVER	IC
INVERT LEVEL	IL
KERB OUTLET	KO
LAMP POST	LP
MANHOLE	MH
MARKER POST	MK
METER	MT
MINIMUM PIPES VISIBLE	MPV
ORDNANCE SURVEY BENCH MARK	OSBM
P-TRAP	PT
POST	PO
POST BOX	P.BOX
PROJECTING EYE	PE
ROAD SIGN	RS
RAIN WATER PIPE	RWP
RETAINING WALL	RW
SOFT BED	SB
STOP COCK	SC
STREET NAME PLATE	SNP
SOIL STACK	SS
SOIL PIPE	SP
SOIL VENT PIPE	SVP
SURFACE WATER	SW
TACTILE PAVING	TAC
TELECOM POLE	TP
TELECOM INSPECTION COVER	TEL
TELEPHONE CALL BOX	TCB
TICKET MACHINE	TM
TOP OF WALL	TOW
TRAFFIC LIGHT	TL
TRAFFIC LIGHT COVER	TLC
UNDERSHOOT LEVEL	THL
UNABLE TO LOCATE	UTL
UNABLE TO RAISE	UTR
UNABLE TO SURVEY	UTS
VENT PIPE	VP
WATER LEVEL	WL
WATER METER	WM
WATER PIPE	WP
WATER RISER	WR
WATER TAP	WT

FENCE ABBREVIATIONS

BARBED WIRE FENCE	B/W	IRON RAILINGS	IR
CLOSE BOARDED FENCE	C/B	LARCH LAP FENCE	LL
CONCRETE PANEL FENCE	CPL	POST AND RAIL FENCE	P/R
CORRUGATED IRON FENCE	CI	POST AND WIRE FENCE	P/W
CHAIN LINK FENCE	CL	WIRE MESH FENCE	W/M
CHESTNUT PALING	CNP		

Chainage 897.686
Hz.Scale 1:200
Vt.Scale 1:200
Datum 87.000



Chainage 923.644
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Vt.Scale 1:200
Datum 87.000

Chainage 951.373
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Vt.Scale 1:200
Datum 87.000

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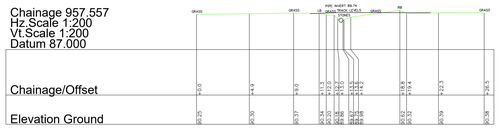
Vt.Scale 1:200
Datum 87.000



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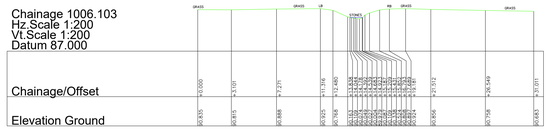
Vt.Scale 1:200
Datum 87.000

Chainage 1006.103
Hz.Scale 1:200
Vt.Scale 1:200
Datum 87.000



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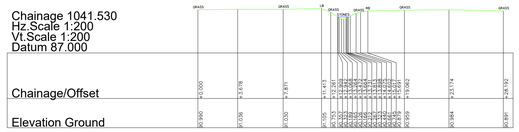

Chainage 1066.545
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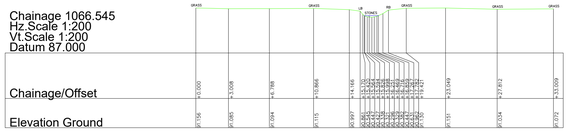

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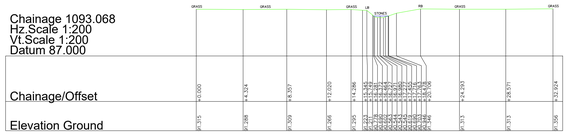

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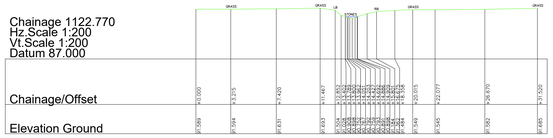
Vt.Scale 1:200
Datum 87.000



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Vt.Scale 1:200
Datum 87.000

Chainage 1187.579
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Vt.Scale 1:200
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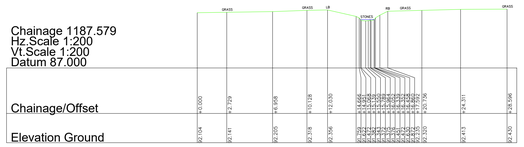

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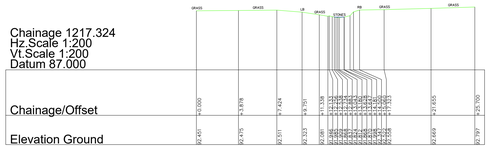
Vt.Scale 1:200
Datum 87.000



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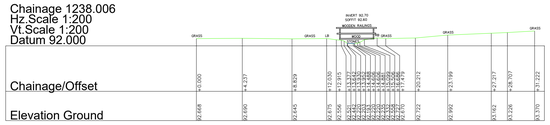

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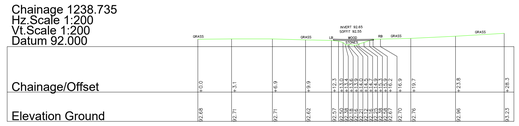
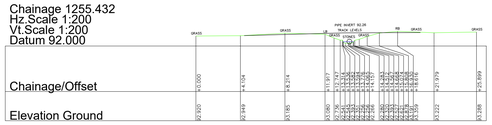
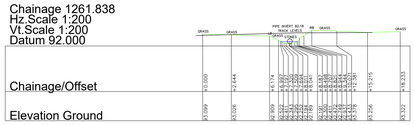
Vt.Scale 1:200
Datum 92.000



Chainage 1255.432
Hz.Scale 1:200
Vt.Scale 1:200
Datum 92.000



Chainage 1261.838
Hz.Scale 1:200
Vt.Scale 1:200
Datum 92.000



Revision	Description	Surv. by	Check. by	Appr. by	Date
A	Cross Section level data updated and Long Sections added	JB	JS	JS	March 2023

0m 2 4 6 8 10 12 14 16 18 20 22

Cross Sections - BIS3

Client:

Brookbanks Consulting

Land Off Middleton Road
Bicester
Oxfordshire, OX27 7HL

Scale:	Sheet Size:	Sheet Number:	Date:
1:200	A0	9	February 23

Project Number:	Rev:	Surveyed by:	Checked by:	Approved by:
32265	A	JB	JS	JS

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www.mksurveys.com www.surveys4bim.co.uk
Head Office: Milton Keynes t: 01908 565561 e: mail@mksurveys.co.uk

Notes:

1. GRID AND LEVELS BASED ON ORDNANCE DATUM, DERIVED FROM THE NATIONAL GNSS NETWORK. LOCAL SCALE FACTOR 0.99964 APPLIED.
2. ALL CROSS SECTIONS ARE VIEWED LOOKING DOWNSTREAM.

Coordinate Table

Station	Description	Easting	Northing	Level
S14	Road Nail	457417.166	224024.425	83.822
S15	Road Nail	457518.174	224101.420	82.653
S16	Peg	457623.894	224191.634	81.973
S22	Peg	456955.575	224241.194	85.270
S23	Road Nail	456871.185	224376.360	85.082
VK1	Road Nail	457833.448	224786.104	86.727
VK2	Road Nail	457793.981	224811.631	86.470
VK20	Road Nail	457823.232	224887.117	83.806

TOPOGRAPHICAL KEY

SURVEY STATION — 5
BANKING — TOP / BOTTOM
HEDGE SPREADS
WOODLAND CANOPY
ARROW ON STEPS / RAMPS INDICATES DIRECTION UPWARDS
TREES — SPREAD & GIRTH SHOWN TO SCALE
GATE
KERB CHANNEL
ROAD UNKERBED
FOOTPATH
CHANGE IN SURFACE
FENCE
WALL
OVERHEAD ELECTRIC — hv
OVERHEAD TELECOM — ot
FOUL SEWER
SURFACE SEWER
P-TRAP
BACK DROP (EXTERNAL)
BACK DROP (INTERNAL)
BUILDING
OPEN SIDED BUILDING
OVERHANG / CANOPY
GLASSHOUSE
CONTOUR — 25.00
SPOT LEVEL — + 127.13
SIGNAR LEVEL — ⊙ 127.13
BORE HOLE — BH
TRIAL HOLE — TH

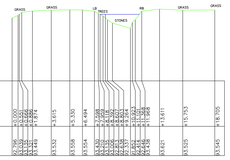
GENERAL ABBREVIATIONS

AIR CONDITIONING UNIT	ACU	MANHOLE	MH
AVERAGE	Av	MARKER POST	MK
BACK DROP	BD	METER	MT
BASE LEVEL	BL	MINIMUM PIPES VISIBLE	MPV
BELISHA BEACON	BB	ORDNANCE SURVEY BENCH MARK	OSBM
BENCH MARK	BM	P-TRAP	PT
BOLLARD LIGHT	BOL	POST	PO
BRICK	BK	POST BOX	P.BOX
BUS STOP	BS	POST SERVICE	RS
CABLE RISER	CR	ROAD SIGN	RS
CABLE TV COVER	CTV	RAIN WATER PIPE	RWP
CABLE TO GROUND	CTG	RETAINING WALL	RW
CATCH PIT	CP	SOFT BED	SB
CONTROL BOX	CB	STOP COCK	SC
COVER LEVEL	CL	STREET NAME PLATE	SNP
CROSSING CONTROL BUTTON	CCB	SOIL PIPE	SP
DAMP PROOF COURSE	DPC	SOIL PIPE	SP
DRAIN CHANNEL	DCH	SOIL VENT PIPE	SVP
DROP KERB	DK	SURFACE WATER	SW
ELECTRICITY POLE	EP	TACTILE PAVING	TAC
EARTH ROD	ER	TELECOM POLE	TP
FIRE HYDRANT	FH	TELECOM INSPECTION COVER	TEL
FIELD LEVEL	FL	TELEPHONE BOX	TB
FOOTPATH	Ft	TICKET MACHINE	TM
FOUL WATER	FW	TOP OF WALL	TOW
GAS RISER	GR	TRAFFIC LIGHT	TL
GAS VALVE	GV	TRAFFIC LIGHT COVER	TLC
GULLY	GY	THRESHOLD LEVEL	THL
HARD BED	HB	UNABLE TO ACCESS	UTA
HIGHWAY COVER	HC	UNABLE TO LIFT	UTL
INVERT LEVEL	IL	UNABLE TO SURVEY	UTS
KERB OUTLET	KO	VENT PIPE	VP
LAMP POST	LP	WATER LEVEL	WL
		WATER METER	WM
		WATER PIPE	WP
		WATER RISER	WR
		WATER TAP	WT

FENCE ABBREVIATIONS

BARBED WIRE FENCE	B/W	IRON RAILINGS	IR
CLOSE BOARDED FENCE	C/B	LARCH LAP FENCE	L/L
CONCRETE PANEL FENCE	CPL	POST AND RAIL FENCE	P/R
CORRUGATED IRON FENCE	C/I	POST AND WIRE FENCE	P/W
CHAIN LINK FENCE	CL	WIRE MESH FENCE	W/M
CHESTNUT PALING	CMP		

Chainage 1286.009
Hz.Scale 1:200
Vt.Scale 1:200
Datum 85.000



Chainage/Offset	Elevation Ground
-17.000	87.396
-15.000	87.032
-11.000	87.144
-4.000	87.440
-3.000	87.332
-2.000	87.058
-1.000	87.047
-0.500	87.047
-0.000	87.047
0.000	87.047
0.500	87.047
1.000	87.047
1.500	87.047
2.000	87.047
2.500	87.047
3.000	87.047
3.500	87.047

Notes:

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VK20	Road Nail	457823.232	224887.117	83.806

TOPOGRAPHICAL KEY

GENERAL ABBREVIATIONS

SURVEY STATION	5	AIR CONDITIONING UNIT	ACU
		ACCESS COVER	AC
		AVERAGE	Av
BANKING	TOP / BOTTOM	BACK DROP	BD
		BASE LEVEL	BL
		BELISHA BEACON	BB
		BENCH MARK	BM
		BOLLARD LIGHT	BOL
HEDGE SPREADS		BRICK	BK
		BUS STOP	BS
		CABLE RISER	CR
WOODLAND CANOPY		CABLE TV COVER	CTV
		CABLE TV GROUND	CTG
ARROW ON STEPS / RAMPS INDICATES DIRECTION UPWARDS		CATCH PIT	CP
		CONTROL BOX	CB
		COVER LEVEL	CL
TREES	SPREAD & GIRTH SHOWN TO SCALE	CROSSING CONTROL BUTTON	CCB
		DAMP PROOF COURSE	DPC
		DRAIN CHANNEL	DCH
		DROP KERB	DK
		ELECTRICITY POLE	EP
GATE		EARTH ROD	ER
		FIRE HYDRANT	FH
KERB CHANNEL		FIBRE OPTIC	FO
		FOOTPATH	FP
ROAD UNKERBED		FOUL WATER	FW
		GAS RISER	GR
FOOTPATH		GAS VALVE	GV
		GULLY	GY
CHANGE IN SURFACE		HARD BED	HB
		INSPECTION COVER	IC
		INVERT LEVEL	IL
FENCE		KERB OUTLET	KO
		LAMP POST	LP
WALL		MANHOLE	MH
		MARKER POST	MK
OVERHEAD ELECTRIC		METER	MT
		MULTIPLE PIPES VISIBLE	MPV
OVERHEAD TELECOM		ORDNANCE SURVEY BENCH MARK	OSBM
		P-TRAP	PT
FOUL SEWER		POST	PO
		POST BOX	P.BOX
SURFACE SEWER		PROJECTED EYE	RE
		ROAD SIGN	RS
P-TRAP		RAIN WATER PIPE	RWP
		RETAINING WALL	RW
BACK DROP (EXTERNAL)		SOFT BED	SB
		STOP COCK	SC
BACK DROP (INTERNAL)		STREET NAME PLATE	SNP
		SOIL STACK	SS
BUILDING		SOIL PIPE	SP
		SOIL VENT PIPE	SVP
		SURFACE WATER	SW
OPEN SIDED BUILDING		TACTILE PAVING	TAC
		TELECOM POLE	TP
		TELECOM INSPECTION COVER	TEL
OVERHANG / CANOPY		TELEPHONE BOX	TB
		TICKET MACHINE	TM
GLASSHOUSE		TOP OF WALL	TOW
		TRAFFIC LIGHT	TL
		TRAFFIC LIGHT COVER	TLC
CONTOUR	25.00	THRESHOLD LEVEL	THL
		UNABLE TO LOCATE	UTL
SPOT LEVEL	x 127.13	UNABLE TO SURVEY	UTS
		UNABLE TO SURVEY	UTS
SIGNAR LEVEL	127.13	VENT PIPE	VP
		WATER LEVEL	WL
BORE HOLE	BH	WATER METER	WM
		WATER PIPE	WP
TRIAL HOLE	TH	WATER RISER	WR
		WATER TAP	WT

FENCE ABBREVIATIONS

BARBED WIRE FENCE	B/W	IRON RAILINGS	IR
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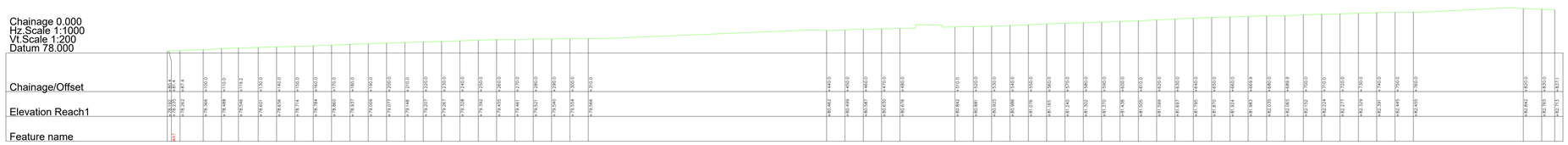
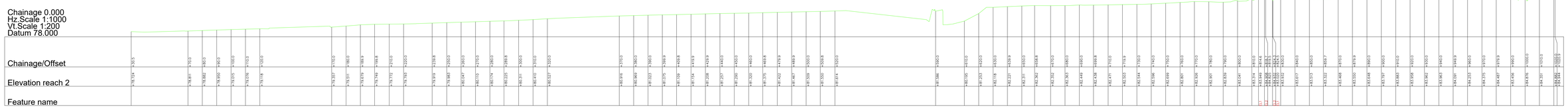
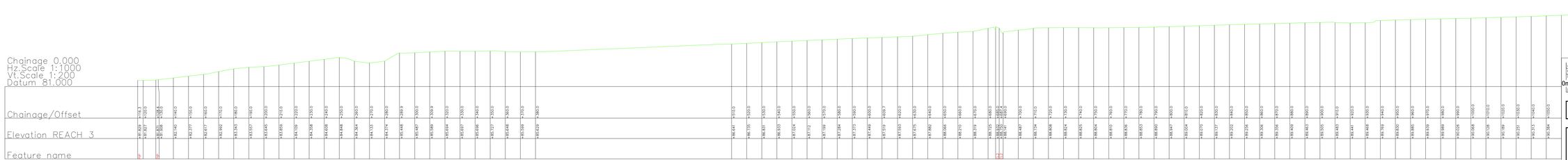
CHESTNUT PALING	CNP		







Revision	Description	Surv. by	Check by	Appr. by	Date
A	Cross Section level data updated and Long Sections added	JB	JS	JS	March 2023

0m 2 4 6 8 10 12 14 16 18 20 22

Long Sections

Client:

Brookbanks Consulting

Land Off Middleton Road
Bicester
Oxfordshire, OX27 7HL

Scale:	Sheet Size:	Sheet Number:	Date:
1:1000	A0	11	February 23

Project Number:	Rev:	Surveyed by:	Checked by:	Approved by:
32265	A	JB	JS	JS

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