



Notes
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Grid : OS National Grid.
Using the OS GPS Network and applying OSTN15 transformation and then removing the scale factor for true distances with a one-step transformation centred on S1.
Datum : OS Level Datum.
Using the OS GPS Network and applying OSGM15 National Geoid Model to obtain local area corrections.

Station Listing			
Station	Easting	Northing	Level
J1	412943.357	418269.210	141.944
J2	412946.298	418258.623	142.113
S1	412986.098	418238.797	140.276
S2	412976.208	418267.245	137.509
S3	412955.644	418267.082	139.682
S4	412979.962	418274.559	135.750
S5	412985.239	418305.408	132.783
S2A	412952.674	418255.193	140.659

KEY			
AIR VALVE	AV	KERB OUTLET	KO
BENCH MARK	BM	LAMP POST	LP
BN	BN	MANHOLE (CIRCULAR)	MH
BOLLARD	BOL	MANHOLE (RECTANGULAR)	MH
BORE HOLE	BH	MANHOLE (TRIANGULAR)	MH
BRITISH TELECOM COVER	BT	MARKER POST	MP
BUS STOP	BUS	GULLY	GU
CABLE TV COVER	CATV	RODDING EYE	RE
CABLE TV SUPPLY	CA	SIGN POST	SIG
COLUMN	COL	TELECOM COVER	TEL
DROPPED KERB	DK	TELEGRAPH POLE	TP
EARTHING POINT	ER	THRESHOLD LEVEL	TL
ELECTRICITY COVER	ELEC	TRAFFIC LIGHT	TL
ELECTRICITY POLE	EP	TRIAL PIT	PIT
FIRE HYDRANT	FH	WASH OUT	WO
GAS VALVE	GAS	WATER METER	WM
GATE	IC	WATER STOP COCK	SC
INSPECTION COVER (CIRCULAR)	IC	WATER STOP VALVE	SV
INSPECTION COVER (RECTANGULAR)	IC		
COVER LEVEL	CL	CHAMBER BASE LEVEL	ChL
INVERT LEVEL	IL	WATER SURFACE LEVEL	WL
UNABLE TO RAISE	UTR	UNABLE TO MEASURE	UTM
GIRTH OF TREE TRUNK	G	DIAMETER OF TREE TRUNK	D
HEIGHT TO TOP OF TREE CANOPY	H	MULTI BOLE TREE	MB

Rev	Date	Drawn	Description	Check
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Client
ACUMEN DESIGNERS AND ARCHITECTS

Site
BIRKBY ROAD, BIRKBY
HUDDERSFIELD, HD2 2BU

Title
TOPOGRAPHICAL
SURVEY

Surveyed	JM. CAC	Drawn	CAC
Check	DB	Date	05/03/2019
Scale	Job No	Sheet Size	Rev
1:200	P19-00201	A2	01
DWG Ref	Project Number	Origin	Zone
	P19-00202	MET	EXT
		XX	TOP
		M2	G
			001