

A0

NOTES

1. SURVEY CONTROL

A) SURVEY GRID (HORIZONTAL)

THIS SURVEY IS ORIENTATED TO ORDNANCE SURVEY GRID NORTH. THE SURVEY IS TO A PLANE GRID. HORIZONTAL MEASUREMENTS TAKEN FROM THIS SURVEY WILL BE GROUND DISTANCES.

FULL ORDNANCE SURVEY CO-ORDINATES CAN BE CALCULATED BY SCALING THE SURVEY FROM THE ORIGIN OF THE SITE CENTRE POINT, WITH CO-ORDINATES E 535836.00 N 324744.00 AS FOLLOWS:-

SHIFT: NOT REQUIRED
SCALE: LSF = 0.99920
ROTATION: NOT REQUIRED

THE LOCAL SCALE FACTOR (LSF) APPLICABLE TO THIS SITE IS 0.99920, CALCULATED USING STANDARD TABULATED DATA.

THE CONTROL HAS BEEN ESTABLISHED BY TYING INTO THE ACTIVE ORDNANCE SURVEY CONTROL NETWORK. SEE NOTE C. BELOW.

(FOR THIS RELATIVELY LOW LEVEL SITE, MEAN SEA LEVEL CORRECTIONS (MSL) ARE DEEMED TO BE INSIGNIFICANT AND HAVE THEREFORE NOT BEEN APPLIED.)

B) VERTICAL DATUM

ALTITUDES FOR THE CONTROL HAVE BEEN CALCULATED FROM OPS DERIVED HEIGHTS AND CONVERTED TO ORTHOMETRIC HEIGHTS (ORDNANCE DATUM NEWLYN - OSN.MDV) DO NOT USING OSGM15 TRANSFORMATION PARAMETERS.

C) GPS CONTROL

THE CO-ORDINATE SYSTEM USED FOR THE PRIMARY CONTROL IS OSGB36, THIS HAS BEEN CALCULATED FROM STR0N NEW OS NET USING OSTN 15 TRANSFORMATION PARAMETERS.

FOR THIS PARTICULAR PROJECT, THE 'TRIMBLE VRS NOW' NETWORK HAS BEEN USED. OBSERVATIONS HAVE BEEN TAKEN ON: 14/10/2021

MANUFACTURERS QUOTED ACCURACY IS RMSE: H – 15 mm IN PLAN AND 20 – 30 mm IN HEIGHT, HOWEVER, RESULTS MAY VARY DURING THE DAY AND CERTAIN CONDITIONS MAY AFFECT THE ACCURACY OF THE RESULTS. TO ENSURE THE BEST RESULTS AS FAR AS REASONABLY POSSIBLE AND PRACTICAL, TOWER SURVEYS MAY HAVE USED AN OPEN SKY WITH GOOD SATELLITE GEOMETRY SO AS TO MAINTAIN THE HIGHEST ACCURACY POSSIBLE.

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS/DOCUMENTATION.

3. CHECK SCALE BAR AND GRID BEFORE TAKING NON-FIGURED DIMENSIONS FROM THIS DRAWING.

4. IF IN DOUBT ASK.

LEGEND

SPOT LEVEL
SURVEY STATION
TREE (INDICATIVE ONLY)
HEDGE/BANK OF UNDERGROWTH
BUILDING
CONTOUR
RETAINING WALL
RAILING
DATE
OVERHEAD CABLE
FENCE WITH DESCRIPTION

CD	CLOSE BOARDED	IR	IRON RAILING
HD	HEDGE	PR	POST & RAIL
CH	CHAIN BARRIER	WN	WIRE MESH
CONCP	CONCRETE POST		

ABBREVIATIONS

ARR	ARCH ROOF/LEVEL	MH	MANHOLE
B	BOLLARD	NP	NAILE POST
BB	BELISHA BEACON	OHC	OVERHEAD CABLE
BH	BOREHOLE	PB	POST BOX
BOF	BACK OF PATH	PN	PANEL
BP	BOUNDARY POST	PM	PARKING METER
BT	BUTT	PO	POST
BT	BRITISH TELECOM IC	PYL	ELECTRIC PYLON
CATV	CABLE TELEVISION IC	RB	RODDING EYE
CC	CONTROL CABINET	RCL	ROAD CENTRE LEVEL
CCTV	CLOSED CIRCUIT TELEVISION	RDL	ROAD RADIUS GATE
CL	CLOWER LEVEL	RS	ROAD SIGN
COL	COLUMN	RWP	RAINWATER PIPE
CP	CONCRETE POST	SP	STOP (GIVE WAY)
CTV	CABLE TELEVISION POINT	SPL	SPOT LEVEL
DK	DROP KERB	SOT	STRIP GULLY
DRN	DRAIN	SP	SIGN POST/BOARD
E	ELECTRICITY CONTROL BOX	ST	STUMP
EV	LEVER LEVEL	STN	SURVEY STATION
ES	ELECTRICITY COVER	SV	STOP VALVE
EP	ELECTRICITY POLE	TB	TELEPHONE BOX
ER	EARTH ROD	WH	STORM WATER
FFL	FINISHED FLOOR LEVEL	TAP	WATER TAP
FH	FIRE HYDRANT	TBM	TEMPORARY BENCHMARK
FL	FLOOD LIGHT	TCB	TELEPHONE CALL BOX
FW	FOUL WATER	THL	THRESHOLD LEVEL
G	GULLY	TL	TRAFFIC LIGHT
GV	GAS VALVE	Tree	TOP OF TREE LEVEL
GP	GATE POST	TP	TELEPHONE POLE
HP	HOSE PIPE OUTLET	TR	TRIAL HOLE
IL	INVERT LEVEL	VP	VENT PIPE
KO	KERB OUTLET GULLY	WLV	WATER LEVEL
LP	LAMP POST	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MKR	MARKER POST	WP	WASTE/SOIL PIPE

TREE NOTES

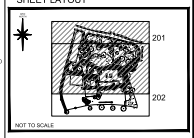
A) NR "X" NO. / MULTIPLE BOLES FOLLOWED BY NUMBER OF
B) DIA = TRUNK DIAMETER MEASURED AT APPROX 1.5M ABOVE GROUND LEVEL
C) SPREAD = CANOPY SPREAD IN FOUR CARDINAL DIRECTIONS - INDICATIVE ONLY AND ARE NOT REPRESENTATIVE OF THE GENERALISED CANOPY SIZE, AND MAY NOT REPRESENT THE TRUE CANOPY POSITION AS OUTLINED ON SITE. - TREE BOLES MAY NOT SIT CENTRALLY WITHIN CANOPY
D) HEIGHT = APPROXIMATE HEIGHT TO TOP OF CANOPY - ESTIMATED FROM GROUND LEVEL.
E) INFORMATION SHOULD BE PLIED TO THE ORIGINAL TOPOGRAPHICAL BRIEF AS TO WHAT TREES HAVE ACTUALLY BEEN SCHEDULED. I.E. THOSE "TREES LARGER THAN DIAMETER "X" OR "DIA.*" TREES WITHIN THE IMMEDIATE SURVEY LIMITS" THIS SURVEY HAS FULLY TAE DAE UNLESS OTHERWISE SPECIFIED AS INCLUDING "GET BITE" TREES.

STATION CO-ORDINATES

STATION	EASTING	NORTHING	LEVEL	DESCRIPTION
ST01	535859.83	324877.57	4.37	SURVEY NAIL
ST02	535859.83	324877.57	4.37	SURVEY NAIL
ST03	535734.64	324808.77	4.40	SURVEY NAIL
ST04	535579.20	324695.90	4.16	SURVEY NAIL
ST05	535579.20	324695.90	4.16	SURVEY NAIL
ST06	535758.82	324627.28	4.61	SURVEY NAIL
ST07	535719.96	324605.08	4.62	SURVEY NAIL
ST08	535895.79	324601.43	3.26	SURVEY NAIL
ST09	535828.23	324766.71	3.30	SURVEY NAIL
ST10	535828.23	324766.71	3.30	SURVEY NAIL
ST11	535819.96	324738.94	3.29	SURVEY NAIL
ST12	535829.24	324662.25	3.90	SURVEY NAIL
ST13	535829.24	324662.25	3.90	SURVEY NAIL
ST14	535842.67	324601.73	3.13	SURVEY NAIL
ST15	535829.20	324706.83	3.75	SURVEY NAIL
ST16	535829.20	324706.83	3.75	SURVEY NAIL
ST17	535857.73	324706.23	3.83	SURVEY NAIL
ST18	535819.83	324764.61	3.81	SURVEY NAIL
ST19	535808.02	324761.12	3.80	SURVEY NAIL
ST20	535878.68	324777.52	3.81	SURVEY NAIL
ST21	535878.68	324777.52	3.81	SURVEY NAIL
ST22	535887.77	324797.54	3.83	SURVEY NAIL
ST23	535837.80	324768.88	3.79	SURVEY NAIL
ST24	535837.80	324768.88	3.79	SURVEY NAIL
ST25	535829.55	324747.02	3.16	PEG & NAIL
ST26	535892.27	324703.29	3.26	PEG & NAIL
ST27	535841.27	324813.17	3.97	PEG & NAIL

UNLESS OTHERWISE STATED THE SURVEY STATIONS LISTED ABOVE ARE ONLY RECOMMENDED TO BE USED FOR TOPOGRAPHICAL SURVEYS AT THE STATED SCALE. NO SUGGESTION SHOULD BE GIVEN TO LONG TERM STABILITY OF SURVEY STATION MARKING.

SHEET LAYOUT



GENERAL

- NO EXCAVATIONS ARE TO BE MADE FOR SUB SURFACE ENTRY WITH MANHOLES OR OTHER CHAMBERS OR CHECK BELOW GROUND LEVEL. THEREFORE ANY DETAILS RELATING TO DEPTH, SIZES ETC. ARE TAKEN FROM ABOVE GROUND AND ARE ALSO WHOLLY BE APPROXIMATE
- THE CONTRACTOR IS TO CHECK AND VERIFY ALL CRITICAL DIMENSIONS AND LEVELS BEFORE WORK STARTS
- BURIED SERVICES SHOWN ON THIS DRAWING MAY BE ASSUMED ROUTE AND WILL NORMALLY BE OF UNKNOWN CONDITION. CONTRACTORS SHOULD UNDERTAKE SUITABLE VALIDATION WORKS TO ENSURE THAT THEY CAN CARRY OUT EXCAVATION WORKS SAFE DIGGING PRACTICES SHOULD BE FOLLOWED.
- SHOULD THERE BE ANY CONFLICT BETWEEN THE DETAILS INDICATED ON THIS DRAWING AND THE ACTUAL SITE CONDITIONS PREVAILING, THEN TOWER SURVEYS SHOULD BE INFORMED PRIOR TO CONSTRUCTION ON SITE.
- IT IS IMPORTANT TO NOTE THAT THE SAME ACCURACIES APPLIED TO THE PLOTTING SCALE SHOULD NOT BE ASSUMED WHEN SCALING OFF THIS DRAWING.
- EVERY EFFORT IS MADE TO SURVEY ALL VISIBLE ABOVE GROUND FEATURES, HOWEVER, IT SHOULD BE BORNE IN MIND THAT THERE MAY BE ITEMS OBSCURED AT THE TIME OF SURVEY
- THE EXTENT OF THE SURVEY IS AS SHOWN ON THIS DRAWING AND THE BOUNDARY MAY NOT REPRESENT THE EXTENT OF LEGALLY CONTESTED OWNERSHIP.
- UNLESS OTHERWISE SPECIFIED FEATURES SHOWN USING LINE STYLES OR HATCHING ARE INDICATIVE ONLY, SUCH AS, POND MARKING, HEDGE, WOOD, RETAINING, BRICK HATCHING AND GUIDING DETAIL.

DESCRIPTION	REV	DATE	DRAWN	CHKD	APPR

DRAWING STATUS

INFORMATION

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CLIENT
LINCOLNSHIRE COUNTY COUNCIL

PROJECT TITLE
WILLIAM STUKELEY C of E PRIMARY SCHOOL
SPALDING ROAD, HOLBEACH, PE12 7HG

DRAWING DETAIL
TOPOGRAPHICAL SURVEY AS OF 14/10/2021
(SHEET 1 OF 2)

DRAWN	EPB	DATE	OCTOBER 2021
PROJECT ENGINEER	JWH		
CHECKED	NJR	SCALE	1:250 (WHEN PLOTTED @ A0)
APPROVED	EPB		

DRAWING NUMBER: TSA-21-1327/201
REVISION:

CAD REFERENCE
\\2021Projects\TSA-21-1327\TSA-21-1327_201-202_Issue01

CTB REFERENCE
\\CTB-files\TS-Topo-v01.ctb

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