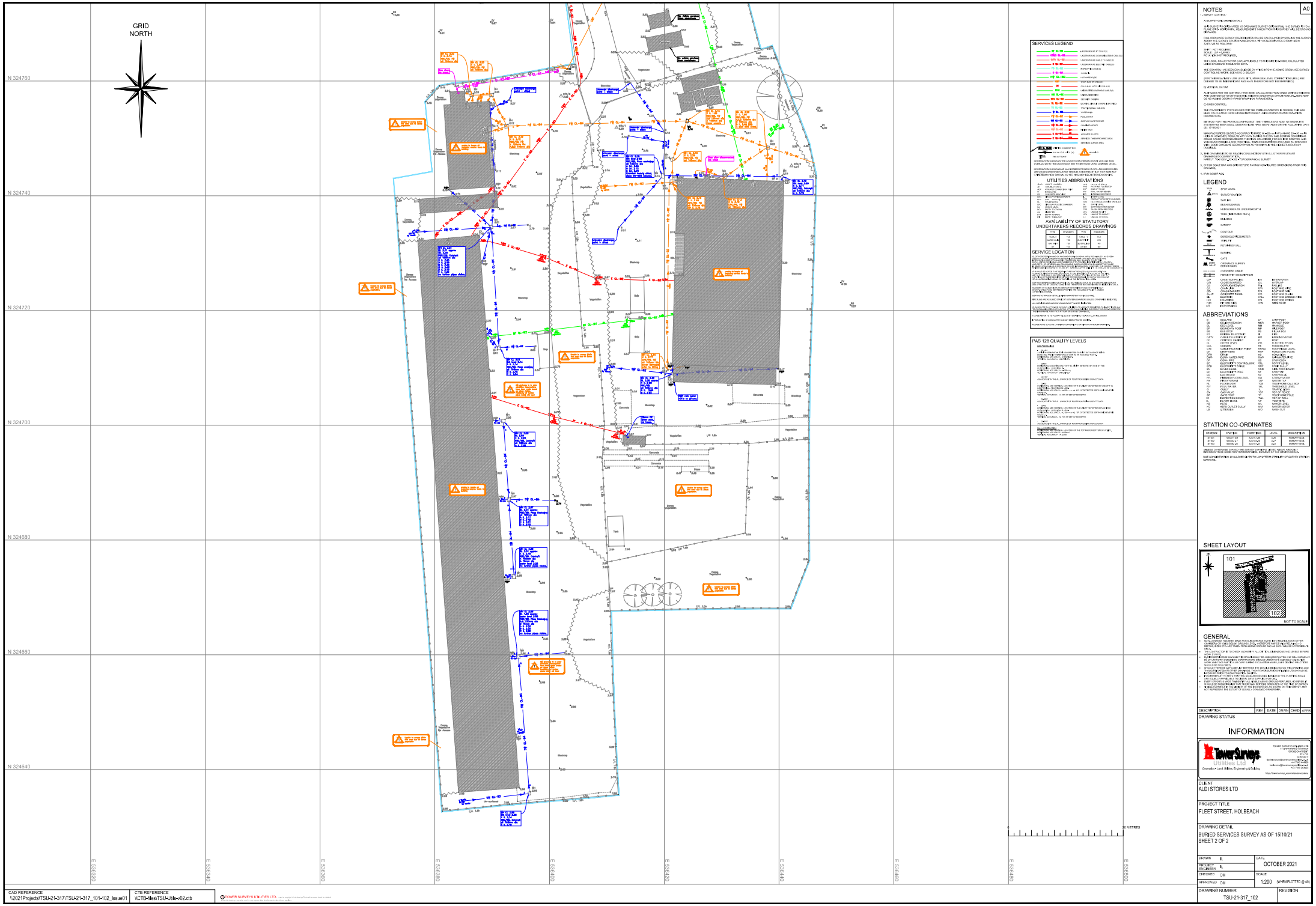


NOTES

A0

1. SURVEY CONTROL

A) SURVEY GRID / HORIZONTAL

THIS SURVEY IS ESTABLISHED TO ORDNANCE SURVEY GRID NORTH, THE SURVEY IS TIED TO THE OSGB36 NATIONAL HEIGHT DATUM, HEIGHTS FROM THIS SURVEY ARE RELATIVE TO ORDNANCE DATUM NEWLYN.

2 NO. ORDNANCE SURVEY CONTROL POINTS CAN BE SCALED AND EXPORTED FROM THE SURVEY ABOVE THE SURVEY CONTROL RANGE ONLY, WITH COORDINATES ESTABLISHED AS FOLLOWS:

SHIFT - NOT REQUIRED
SCALE - 1.01 - 1.00000
ROTATION - NOT REQUIRED

THE LOCAL SCALE FACTOR (LSF) APPLICABLE TO THIS SURVEY IS 1.00000. ALL PLOTTED COORDINATES ARE GRID COORDINATES.

THE CONTROL HAS BEEN CONFIRMED BY TYING INTO THE ACTIVE ORDNANCE SURVEY CONTROL NETWORK USE NOTE 1 A) BELOW.

FROM THIS RESULTANT LOW LEVEL BTS, MEAN SEA LEVEL CORRECTIONS WILL HAVE BEEN GIVEN TO THE BENCHMARKS AND HEIGHTS ARE NOT RELATIVE TO MSL.

B) VERTICAL DATUM

AS IT EXISTS FOR THE CONTROL HAVE BEEN OBTAINED FROM OSBM'S DERIVED HEIGHTS AND CONNECTED TO ORTH DATUM (ORDNANCE DATUM NEWLYN, USING NEW OS NETCOR GNSS SOFTWARE PARAMETERS).

C) OSBS CONTROL -

THE COORDINATE SYSTEM USED FOR THE PRIMARY CONTROL IS OSGB36. THE NAD 83 COORDINATES FROM STATION REMOTE NET USING OSTN15 TRANSFORMATION PARAMETERS.

METHOD: FOR THE PARTICULAR PROJECT, THE TRIMBLE VRS NOW NETWORK RTK SYSTEM HAS BEEN USED, OBSERVATIONS WERE MADE ON THE FOLLOWING DATE (S): 15/10/2021

MANUFACTURER'S QUOTED ACCURACY IS RMSE 10 + 20 mm H PLANAND 20 + 30 mm H HEIGHT, HOWEVER, RESULTS MAY VARY DURING THE DAY AND CERTAIN CONDITIONS MAY CAUSE THE SYSTEM TO FAIL OR BE UNABLE TO ACHIEVE THE ABOVE ACCURACY, WHERE POSSIBLE, AND PRACTICAL, TOWER CONNECTED INTO USED ON OPEN SKY WITH GOOD SATELLITE GEOMETRY SO AS TO ENSURE THE HIGHEST ACCURACY ACHIEVED.

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT SURVEY DRAWINGS AND REPORTS.

3. CHECK SCALE BAR AND GRID BEFORE TAKING SCALED/MEASURED DIMENSIONS FROM THIS DRAWING.

4. IF IN DOUBT ASK.

LEGEND

SPOT LEVEL
SURVEY STATION
GATE (M)
SHRUB/SHRUBS
HEDGE/AREA OF UNDERGROWTH
TREES (INDICATIVE ONLY)
HEDGE
CANOPY
CONTOUR
SCREEN FOR FEATHERING
TREE TIE
RETAINING WALL
KERB
MANHOLE
GATE
ORDNANCE SURVEY BENCH MARK
OVERHEAD CABLE
FENCE TYPES / DESCRIPTION

CF	CHESTNUT PALING	IRON	INTERVISION
CH	CLOSE BOARD FENCE	PAL	PALISADE
CLA	CORRUGATED IRON	PALJ	PALISADE
CL	CHAIN LINK	PVA	POST AND WIRE
CLP	CONCRETE POSTS	PVC	PVC COATED
CONP	CONCRETE PANEL	RAIL	POST AND RAIL
EL	ELECTRIC	RWA	POST AND BARBED WIRE
HED	HEDGE/BANK	STE	POST AND STRAND
TWD	TIE WIRED FENCE	WM	WIRE MESH
WT	STONE WALL		

ABBREVIATIONS

B	BOLLARD	LP	LAMP POST
BB	BELISHA BEACON	MKR	MARKER POST
BH	BOREHOLE	MH	MANHOLE
BS	BUS STOP	MS	MILESTONE
BT	BT	PB	PILLAR BOX
BTT	BRITISH TELECOM E	TL	TRAFFIC LIGHTS
CATV	CABLE TELEVISION E	WV	WINDMILL MAST
CB	CATCH PIT	AH	ACCESS HATCH
CL	COVER LEVEL	EPL	ELECTRIC PYLON
COL	COLUMN	RE	ROOD/RELIEF
CP	CONCRETE PUBLIC POST	RWG	RAIN WATER GUTTER
DH	DROP KERB	ROP	ROAD MARK PLATE
DRN	DRAIN	RS	ROAD SIGN
EAT	ELECTRIC METER BOX	SGP	SIGNAL GANTRY
GP	GUARD RAIL	SC	STOP COCK
GT	ELECTRICITY CONTROL BOX	STL	SUPPLY LEVEL
HYD	HYDRANT / DUCT	SVP	SOIL VENT PIPE
IRP	IRON POST	TBM	TEMPORARY BENCH MARK
LP	ELECTRICITY POLE	TP	TEST TAP
FH	FIRE HYDRANT	TW	TRIAL HOLE
FW	FIRE WATCHER	UG	STOPPING VALVE
FV	FLOOD VALVE	WT	WATER TAP
G	GULLY	WL	WATER LEVEL
GV	GAS VALVE	YL	STATIC LIGHT
GP	GATE POST	YP	TELEPHONE POST
IC	INSPECTION COVER	YPL	TELEPHONE POLE
IL	INVERT LEVEL	YWL	BOX OF WALL
PO	POST	WC	WATER COCK
PD	PEDESTAL	WL	WATER LEVEL
YD	WORD OUTLET GULLY	WM	WATER METER
LS	LETTERBOX	WO	WATER OUT

STATION CO-ORDINATES

STATION	EASTING	NORTHING	LEVEL	DESCRIPTION
1000	489520.27	324761.38	3.25	SURVEY NAIL
1001	489482.27	324740.28	3.21	SURVEY NAIL
1002	489482.07	324747.27	3.21	SURVEY NAIL

UNLESS OTHERWISE STATED THE SURVEY STATIONS LISTED ABOVE ARE ONLY INTENDED TO BE USED FOR TOPOGRAPHICAL SURVEYS OF THE LISTED SCALE.

DUE CONSIDERATION SHOULD BE GIVEN TO LONG-TERM STABILITY OF SURVEY STATION MARKERS.

SERVICES LEGEND

UTILITIES ABBREVIATIONS

AVAILABILITY OF STATUTORY UNDERTAKERS RECORDS DRAWINGS

TYPE	COMMENTS	TYPE	COMMENTS
GAS	YES	CABLE TV	YES
WATER	YES	ELECTRICITY	YES
OIL	NO	BT/TELECOM	YES
OTHER	NO	RAILWAY	NO

SERVICE LOCATION

PAS 128 QUALITY LEVELS

SHEET LAYOUT

GENERAL

- UNLESS OTHERWISE NOTED MADE FOR SUB SURFACE DUCTS/ BUTT MARKS EXISTING OTHER SERVICES ARE SHOWN FROM VISIBLE EVIDENCE ONLY (MANHOLES, VALVES, HYDRANTS, DEPTHS, AREA ETC.) ARE TAKEN FROM ABOVE GROUND AND AS SUCH ARE OF APPROXIMATE ONLY.
- THE CONTRACTOR IS TO CHECK AND VERIFY ALL DETAILS, Dimensions AND LEVELS BEFORE WORK STARTS.
- BURIED WORK (EXCAVATION OF TRENCHES) IS TO BE CARRIED OUT BY HAND AND WILL NOT BE PERMITTED WITHIN 500mm OF ANY KNOWN SERVICE UNLESS IT IS PROVEN BY HAND DIGGING AND CAN THEN BE CARRIED OUT BY MECHANICAL EXCAVATION WORK SUBJECT TO THE APPROVAL OF THE RELEVANT AUTHORITY.
- SHOULD THERE BE ANY CONFLICT BETWEEN THE DETAILS INDICATED ON THIS DRAWING AND ACTUAL SITE CONDITIONS, THE CONTRACTOR SHALL THEREFORE REFER TO THE ENGINEER BEFORE PROCEEDING WITH THE WORKS IN QUESTION.
- IT IS IMPORTANT TO NOTE THAT THE BASE ACCURACIES APPLIED TO THE PLOTTING SCALE OF THIS DRAWING ARE ± 0.1m FOR DETAIL AND ± 0.2m FOR CONTOURS.
- EVERY EFFORT IS MADE TO ENSURE THAT ALL PUBLIC MAINS CROSSINGS ARE SHOWN, HOWEVER IT SHOULD BE BORNE IN MIND THAT THERE MAY BE ITEMS OMITTED AT THE TIME OF SURVEY.
- NOTES SUPPLIED BY THE LOCAL AUTHORITY OR OTHER BODIES TO THE SURVEY MAY NOT REPRESENT THE EXTENT OF LEGALLY CONSTRUCTED UNDERTAKERS.

DESCRIPTION	REV	DATE	DRAWN	CHKD	APPR

DRAWING STATUS

INFORMATION

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https://towersurveysutilitiesltd.co.uk/

CLIENT
ALDI STORES LTD

PROJECT TITLE
FLEET STREET, HOLBEACH

DRAWING DETAIL
BURIED SERVICES SURVEY AS OF 15/10/21
SHEET 2 OF 2

DRAWN	IL	DATE	OCTOBER 2021
PROJECT ENGINEER	IL		
CHECKED	DM	SCALE	1:200 WHEN PLOTTED @ A0
APPROVED	DM		

DRAWING NUMBER
TSU-21-317_102

REVISION

CAD REFERENCE
\\2021Projects\TSU-21-317\TSU-21-317_101-102_Issue01

CTB REFERENCE
\CTB-files\TSU-Utils-v02.ctb

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