GRID NORTH

NOTES

NTROL

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

FULL ORDINANCE SURVEY CO-ORDINATES CAN BE CALCULATED SCALING THE SURVEY ABOUT THE SURVEY STATION NAMED 10001 (WITH CO-ORDINATES 401269.71,49,8.49,613.53,433.57,253.61,067.SHIFT: NOT REQUIRED,ROTATION: NOT REQUIRED,SCALE: NOT REQUIRED

THE LOCAL SCALE FACTOR (LSF) APPLICABLE TO THIS SITE IS 0.99990129. 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 NOT REQUIRED. HOWEVER FOR INFO:
41.687,43.6,49.613,541.987,45,6,49.613,433.63,7,253.61,667.
ALTITUDES FOR THE CONTROL HAVE BEEN CALCULATED FROM GPS DERIVED HEIGHTS AND CONVERTED TO ORTHOMETRIC HEIGHTS (ORDNANCE DATUM NEWLYN - OSNN) NEW OS NET USING: 41.987,45.6,4967,41.987,45.6,49.613,53.433,57.253,61.667.
THE CO-ORDINATE SYSTEM USED FOR THE PRIMARY CONTROL IS OSTB89. THIS HAS BEEN CALCULATED FROM ETRS89 NEW OS NET USING TION PARAMETERS.

FOR THIS PARTICULAR PROJECT, THE TRIMBLE VRS NETWORK HAS BEEN USED. OONS HAVE BEEN TAKEN ON: 18/04/2017

MANUFACTURERS QUOTED ACCURACY IS RMSE 10 – 20 mm IN PLAN AND 20 – 30 mm IN HEIGHT. HOWEVER, RESULTS MAY VARY DURING THE DAY AND CERTAIN CONDITIONS COULD CAUSE DEGRADATION TO THE FINAL SOLUTIONS. FOR SALIENT CONTROL AND WHEREVER POSSIBLE AND PRACTICAL, TOWER SURVEYS HAVE USED AN OPEN SKY WITH GOOD SATELLITE GEOMETRY SO AIMING HIGHEST ACCURACY POSSIBLE.

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RELEVANT DRAWINGS/DOCUMENTATION
3. CHECK SCALE BAR AND GRID BEFORE FIMENSIONS FROM THIS DRAWING.
4. IF IN DOUBT ASK.

LEGEND

30.29	SPOT LEVEL		BUILDING
	SURVEY STATION	99.00	CONTOUR
	SAPLING	RWL	RETAINING WALL
	BUSHES/SHRUB		BANKING
	TREE (INDICATIVE ONLY)		GATE
	HEDGE/UNDERGROWTH		OVERHEAD CABLE
	FENCE		

BWV	BARBED WIRE	IrR	IRON RAILING
C/B	CLOSE BOARDED	P/C	POST AND CHAIN
C/L	CHAIN LINK	P/R	POST AND RAIL
C/b	CRASH BARRIER	P/W	POST AND WIRE
ConcP	CONCRETE PANEL	WiM	WIRE MESH
Hrd	HOARDING	WdP	WOODEN PANEL

TREE SCHEDULE

No.	DIAM.	SPREAD Ø	HEIGHT
TE/001	30	4	7
TE/002	30	5	7
TE/003	25	7	6
TE/004	25	8	7
TE/005	30	6	6
TE/006	30	6	6
TE/007	25	6	6
TE/008	25	6	5
TE/009	35	8	8
TE/010	35	8	8
TE/011	50	12	10
TE/012	45	6	6
TE/013	50	10	10
TE/014	50	14	8
TE/015	50	14	8
TE/016	55	14	10
TE/017	50	8	8
TE/018	50	14	10
TE/019	30	4	4
TE/020	35	4	4
TE/021	50	10	8
TE/022	50	10	10
TE/023	40	10	10
TE/024	20	4	2
TE/025	45	10	10
TE/026	45	10	10
TE/027	45	12	10
TE/028	45	10	10
TE/029	45	12	12
TE/030	45	12	12
TE/031	55	4	4
TE/032	45	12	12
TE/033	70	12	12
TE/034	60	12	12
TE/035	50	10	8
TE/036	35	2	2
TE/037	50	8	8
TE/038	50	12	12
TE/039	60	10	12
TE/040	35	2	5
TE/041	35	3	5
TE/042	50	2	5
TE/043	20	9	5
TE/044	20	4	4
TE/045	20	4	4
TE/046	35	10	8
TE/047	20	8	5
TE/048	55	12	12
TE/049	60	10	10
TE/050	60	10	10
TE/051	30	4	4
TE/052	50	12	10
TE/053	35	10	10
TE/054	55	6	6
TE/055	55	14	8
TE/056	30	14	8
TE/057	50	14	10
TE/058	55	14	10
TE/059	60	12	10
TE/060	50	12	10
TE/061	30	10	8
TE/062	50	12	8
TE/063	60	12	8
TE/064	60	12	10
TE/065	70	14	12
TE/066	70	14	10
TE/067	55	12	8
TE/068	50	10	10
TE/069	35	5	5
TE/070	35	5	6
TE/071	35	5	4
TE/072	20	6	6
TE/073	35	5	5
TE/074	35	5	5

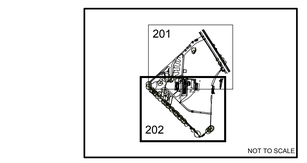
TREE NOTES

A) ME"K"ND – MULTIPLE BOLES FOLLOWED BY NUMBER OF.
B) DIA – TRUNK DIAMETER MEASURED AT APPROX 1.5M ABOVE GROUND LEVEL.
C) SPREAD – DIAMETER OF CANOPY. (TREE SPREADS ARE INDICATIVE ONLY AND ARE REPRESENTATIVE OF THE GENERALISED CANOPY SIZE, AND MAY NOT NECESSERILY BE SYMMETRICAL ABOUT THE TREE AS OUTLINED ON SITE – TREE BOLES MAY NOT SIT CENTRALLY TO THE CANOPY.)
D) HEIGHT – APPROXIMATE HEIGHT TO TOP OF CANOPY – ESTIMATED FROM GROUND LEVEL.
E) ATTENTION SHOULD BE PAID TO THE ORIGINAL TOPOGRAPHICAL BRIEF AS TO WHETHER TREES HAVE ACTUALLY BEEN SCHEDULED (E. THOSE TREES LARGER THAN DIAMETER "X" CM ONLY TREES WITHIN THE IMMEDIATE SURVEY LIMITS (THIS IS NORMALLY THE CASE UNLESS OTHERWISE SPECIFIED AS INCLUDING "OFF SITE" TREES)

ABBREVIATIONS

AcL	ARCH LEVEL
AV	AIR VALVE
B	BOLLARD
BB	BELISHA BEACON
BC	BACK CAST
BL	BED LEVEL
BS	BUS STOP
BT	BT COVER
CATV	CABLE TELEVISION COVER
CB	CONTROL CABIN
COL	COLUMN
CPY	CANOPY
CrL	CROWN LEVEL
CdV	CABLE STAY
CTV	CABLE TELEVISION POINT
DHK	DROPPED KERB
DK	CROSSED KERB
DP	DOWNPIPE
EIP	ELECTRIC INLET POINT
EL	ELECTRIC INSPECTION COVER
EP	ELECTRICITY SUPPLY POLE
FH	FIRE HYDRANT
FH	FIRE HYDRANT
FFL	FINISHED FLOOR LEVEL
G	GULLY
GDP	GULLY AND DOWNPIPE
Gal	GALVANISED
Gpi	GAS PIPE
GV	GAS VALVE
IC	INSPECTION CHAMBER
IL	INVERT LEVEL
LB	LETTER BOX
LB	LETTER BOX
LP	LAMPOST
MH	MANHOLE
MKR	MARKER
OHC	OVERHEAD CABLE
OPL	OPENING LEVEL
OSBM	OS BENCHMARK
P	POST
PEC	PEDESTRIAN CROSSING
PM	PARKING METER
RWP	RAINWATER PIPE
SAP	SAPLING
SC	SECURITY CAMERA
SGY	STRIP GULLY
SL	SOFFIT LEVEL
SpL	SPRING LEVEL
SPRINGING LEVEL	SPRINGING LEVEL
STOP VALVE	STOP VALVE
TP	TRIAL PIT
TEL	TELEPHONE BOX
TOB	TELEPHONE POLE
TRL	THREE RAILS LEVEL
TL	TRAFFIC LIGHT
ToF	TOP OF FENCE
ToW	TOP OF WALL
TP	TELEPHONE POLE
WLV	WATER LEVEL
WM	WATER METER
WO	WASH OUT

SHEET LAYOUT



NOT TO SCALE

STATION CO-ORDINATES

STATION	EASTING	NORTHING	LEVEL	DESCRIPTION
10001401	359097.07	290.31	SURVEY NAIL	
10002401	204.37	359165.72	285.91	WOODEN PEG
10003401	802.64	359115.10	282.39	SURVEY NAIL
10004401	844.13	359015.85	289.32	SURVEY NAIL
10005401	820.99	359090.04	285.68	WOODEN PEG
10006401	213.30	359014.67	286.80	WOODEN PEG
10007401	89.43	359002.23	287.29	SURVEY NAIL
10008401	864.49	359035.64	282.39	SURVEY NAIL
10009401	841.93	359035.64	282.79	SURVEY NAIL
10010401	859.27	359071.10	282.27	SURVEY NAIL
10011401	833.71	359085.26	281.79	SURVEY NAIL
10012401	838.97	359083.20	279.99	WOODEN PEG
10013401	825.11	359082.34	279.71	WOODEN PEG
10050401	866.36	359038.46	283.78	WOODEN PEG

UNLESS OTHERWISE STATED THE SURVEY STATIONS LISTED ABOVE ARE ONLY INTENDED TO BE USED FOR TOPOGRAPHICAL SURVEYS AT THE STATED SCALE. DUE CONSIDERATION SHOULD BE GIVEN TO LONG-TERM STABILITY OF SURVEY STATION MARKERS.

GENERAL

- NO ALLOWANCE HAS BEEN MADE FOR SUB SURFACE ENTRY INTO MANHOLES OR OTHER CHAMBERS OR VOIDS BELOW GROUND LEVEL. THEREFORE ANY DETAILS RELATING TO DEPTHS, SIZES ETC. ARE TAKEN FROM ABOVE GROUND AND AS SUCH WILL 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 ROUTES AND WILL NORMALLY BE PLOTTED FROM VISIBLE SURFACE FEATURES AND OTHER SUITABLE INFORMATION. WORK AND TRANSPORTATION ALONG ROUTES SHOWN SHOULD BE WITH DIGGING PRACTICES SHOULD BE FOLLOWED
- IF ANY DISCREPANCIES ARE FOUND BETWEEN THE DETAILS INDICATED ON THIS DRAWING AND THOSE INDICATED ON OTHER DRAWINGS, THEN TOWER SURVEYS SHOULD BE INFORMED PRIOR TO CONSTRUCTION ON SITE
- ALTHOUGH THIS SURVEY IS TO THE SAME ACCURACIES IMPLIED BY THE PLOTTING SCALE ARE EQUALLY APPLICABLE TO DIGITAL DATA SUPPLIED FOR CAD.
- EVERY EFFORT IS MADE TO IDENTIFY ALL VISIBLE ABOVE GROUND FEATURES. HOWEVER, IT MAY NOT BE POSSIBLE TO IDENTIFY ALL FEATURES DUE TO THE DENSITY OF VEGETATION. ANY VISIBLE FEATURES IN THE VICINITY OF THE BOUNDARIES, AS SHOWN ON THIS SURVEY, MAY NOT REPRESENT THE EXTENT OF LEGALLY CONVEYED OWNERSHIP
- THE REPRESENTATION OF TREES, HEDGES, BUSHES, SHRUBS, TREES OR HATCHING ARE INDICATIVE ONLY. SUCH AS: ROAD MARKINGS, HEDGE CENTRELINES, BRICK HATCHING AND GLAZING DETAIL.

0 20 METRES

Rev.	Date	Drawn	Description
A	29/11/18	ED	Updated for planning application

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• All drawings to be read in conjunction with all other consultants drawings and specs.

Client: LEEK COHOUSING

Project: Eco Self-Build Residental Development
Thorncliffe Lane, LEEK, Staffs.

Status: PLANNING

Title: Topographical survey as existing (sheet 1 of 2)

Scale: 1:200 | Size: A0 | Drwn: DPUS | Chk'd: -- | Date: Nov 2017

Job No.: 1764 | Drawing No.: AL 105 | Rev.: A