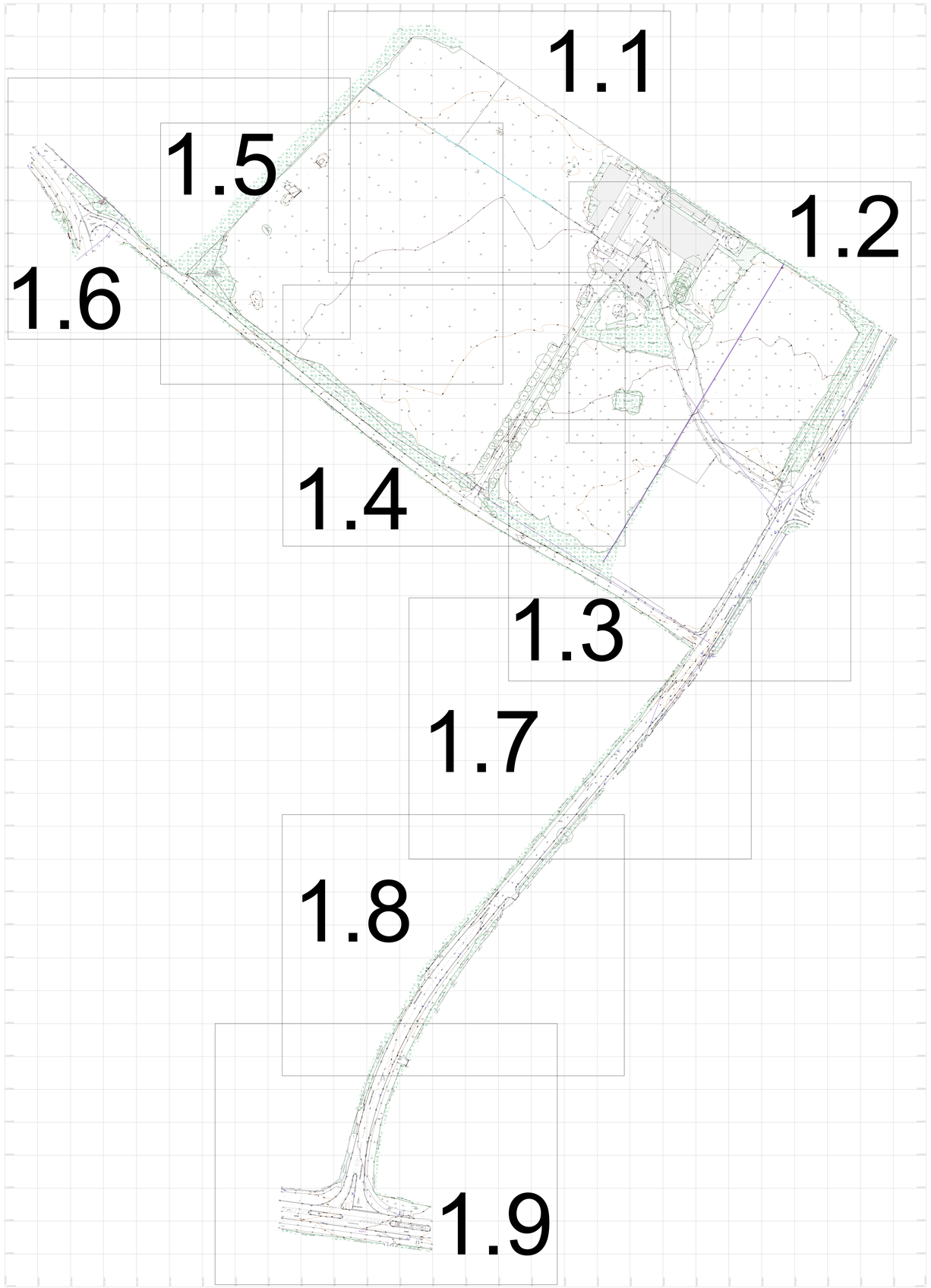
Level Datum:	O.S. (G.P.S. Verified)
Grid Orientation:	O.S. (G.P.S. Verified)

Station Information:

Station	Easting (m)	Northing (m)	Level (m)	Description
ST1	458489.966	224904.703	85.681	Nail
ST2	458351.686	224929.338	86.184	Nail
ST3	458375.613	224969.923	86.032	Nail
ST4	458396.457	225002.929	86.357	Nail
ST5	458427.172	225051.405	86.514	Nail
ST6	458430.125	225051.454	86.914	Nail
ST7	458453.989	225076.280	86.980	Nail
ST8	458484.743	225039.083	86.626	Nail
ST9	458447.412	224971.977	85.805	Nail
ST10	458441.472	224961.705	85.615	Nail
ST11	458438.410	224783.622	85.611	Nail
ST12	458396.502	224723.089	85.662	Nail
ST13	458377.111	224693.909	86.004	Nail
ST14	458317.369	224621.909	86.475	Nail
ST15	458299.264	224578.490	86.631	Nail
ST16	458265.799	224488.223	87.552	Nail
ST17	458116.505	225052.881	86.396	Wooden Peg
ST18	458084.183	225130.448	85.856	Wooden Peg



N

SURVEY NOTES

1. THIS PLAN SHOULD BE USED FOR ITS ORIGINAL PURPOSE ONLY. M-EC ACCEPTS NO RESPONSIBILITY FOR ITS DRAWINGS IF THEY ARE SUPPLIED TO ANY OTHER PARTY OTHER THAN THE ORIGINAL CLIENT.
2. THE INFORMATION SHOWN HAS BEEN SURVEYED IN ACCORDANCE TO THE REQUIREMENTS AND ACCURACY BANDING OUTLINED WITHIN THE ORIGINAL SCOPE INTENDED. PLEASE CHECK WITH M-EC IF UNSURE.
3. BOUNDARIES SHOWN ARE PHYSICAL SITE FEATURES AND MAY NOT REPRESENT LEGALLY CONVEYED OWNERSHIP.
4. ALL FEATURES SHOWN WERE CURRENT AT THE TIME OF SURVEY. SOME FEATURES MAY HAVE BEEN MISSED OR OMITTED DUE TO ACCESS, PARKED VEHICLES, TEMPORARY STRUCTURES OR DENSE VEGETATION OR DUE TO THE SCOPE OF THE PROJECT. PLEASE CHECK WITH M-EC IF CLARIFICATION IS REQUIRED.
5. ALL GLOBAL NAVIGATION AND SATELLITE SYSTEM (GNSS) DETAIL AND REFERENCE STATIONS HAVE BEEN CAPTURED AND TRANSFORMED ONTO ORDNANCE SURVEY NATIONAL GRID AND DATUM OSGB36 USING THE O.S. ACTIVE NETWORK (OS NET) TRANSFORMATION AND GEOID MODEL OSTN15 & OSGM15.
6. NO SCALE FACTOR HAS BEEN APPLIED TO THE SURVEY CONTROL STATIONS AND RELATED DETAIL, THEREFORE ALL THE APPLICABLE COORDINATES SHOWN ARE NOT ON TRUE OSGB36(15), AND HAVE BEEN GEOREFERENCED USING A PSEUDO-OSGB36(15) COORDINATE THAT HAS BEEN ESTABLISHED IN A CENTRALISED LOCATION TO THE CAPTURED GNSS REFERENCE STATIONS WITHIN THE SITE, AND ROTATED ON A BEARING USING A GNSS REFERENCE STATION AT SURVEY CONTROL STATION ST2.
7. THE LEVELS SHOWN ARE RELATIVE TO THE GNSS REFERENCE STATION LEVELS CAPTURED AND THE DIFFERENCE AVERAGED BETWEEN THEM.
8. ALL LEVELS ARE REPRESENTATIVE TO METRES ABOVE ORDNANCE DATUM.
9. PLEASE NOTE THAT THE 3D TOPOGRAPHICAL SURVEY CAN BE ACCESSED BY TURNING ON 3D LAYERS VIA THE LAYER FILTER IN THE LAYER MANAGER.
10. ALL UNITS ARE IN METRES UNLESS OTHERWISE SPECIFIED.
11. SURVEY SHOWN UNDERTAKEN BY M-EC IN AUGUST 2023 WITH THE ADDITIONAL DATA CAPTURED IN SEPTEMBER 2023.
12. NOT ALL LEGEND DETAIL MAY BE APPLICABLE IN THIS DRAWING. IF ANY CLARIFICATION IS REQUIRED PLEASE INFORM M-EC.
13. ANY MEASUREMENTS TAKEN OFF THE INFORMATION PROVIDED SHOULD BE CHECKED ON SITE BEFORE BEING ACTIONED OR DISTRIBUTED TO THIRD PARTIES IF NOT THE ORIGINAL CLIENT.

TOPOGRAPHICAL LEGEND

FEATURE LINES

- BUILDING
- BOTTOM OF BANK
- BENCH
- CHANNEL
- CENTER LINE
- LINE MARKING
- CANOPY
- CHANGE IN SURFACE
- TOP OF KERB
- DROP KERB
- EDGE OF TREES
- EDGE OF VEGETATION
- FENCE
- GATE
- MISC
- OVERHEAD LINES
- RIVER EMBAKMENT
- ROOTLINE
- STEPS
- TOP OF BANK
- TRACK
- TOP OF WALL
- WALL
- WATER LINE
- PIPELINE

ABBREVIATIONS

BED.LVL	BED LEVEL
INV.LVL	INVERT LEVEL
WL	WATER LEVEL
FENCE LVL	FENCE LEVEL
IFL	FLOOR LEVEL
THL	THRESHOLD LEVEL
WALL LVL	WALL LEVEL
VL	AVG TOP OF VEG
TL	AVG TOP OF TREES
TREE LVL	AVG TOP OF TREE LEVEL
EL	EAVES LEVEL
RL	RIDGE LEVEL
RW	RETAINING WALL
AMF	ARMCO BARRIER
BWF	BARBED WIRE
CIF	CORRUGATED IRON
CLF	CHAIN LINK
CPF	CHESTNUT PALING
CPF	CONCRETE PANEL
IRF	IRON RAILING
IWF	INTERWOVEN
MF	METAL FENCE
PCF	POST & CHAIN
PIF	POST & IRON RAIL
PRF	POST AND RAIL
PWF	POST & WIRE
SPF	STEEL PALISADE
WMF	WIRE MESH FENCE
WPF	WOOD PANEL FENCE
AV	AIR VALVE
BOLL	BOLLARD
BT	BRITISH TELECOM
BUS	BUS STOP
CAMKR	CABLE MARKER
CCTV	CLOSED CIRCUIT CAMERA
CBOX	CONTROL BOX
CTV	CABLE TELEVISION
ELEC	ELECTRIC
ER	EARTH ROD
FH	FIRE HYDRANT
FL	FLOODLIGHT
FP	FLAGPOLE
GAS	GAS
GPI	GAS PIPE INLET
IB	ILLUMINOUS BOLLARD
JB	JUNCTION BOX
LB	LITTER BIN
LBOX	LETTER BOX
MK	MARKER POST
MKR	MARKER POST
MW	MONITORING WELL
PMTR	PARKING METER
RE	RODDING EYE
RNB	ROAD NAME BOARD
SMKR	SERVICE MARKER
SP	SIGN POST
ST	STOP TAP
STY	STILE
TCB	TELEPHONE CALL BOX
TL	TRAFFIC LIGHT
TP	UTILITY POST
WSM	WATER SERVICE MARKER
WM	WATER METER
WO	WASHOUT
WPI	WATER PIPE INLET

SYMBOLS

- CHAMBER
- GATE
- TREE/BUSH/SAPLING
- BOREHOLE
- TRIAL PIT
- STAKE/OUT

DRAINAGE

250Ø	PIPE DIAMETER (mm)
BG	BACK GULLY
CL	COVER LEVEL
DP	DOWN PIPE
GY	GULLY
IC	INSPECTION CHAMBER
IL	PIPE INVERT LEVEL
MH	MANHOLE
SO	SOFFIT LEVEL

- COMBINED SEWAGE SYSTEM
- FOUL SEWAGE SYSTEM
- SURFACE SEWAGE SYSTEM
- UNKNOWN SEWAGE SYSTEM

SURFACE KEY

1	ASPHALT
2	BRICK
3	CONCRETE
4	UNMADE GROUND
5	MADE GROUND
6	VEGETATED GROUND
7	BLOCK PAVING/SETS
8	CONCRETE SLABS
9	TACTILE PAVING
10	TARMAC

STATIONS

- 100.000m STATION LEVEL
- MEC1 STATION AND NAME

REV:	AMENDMENTS:	DRN:	CHK:	APP:	DATE:
A	ADDED ADDITIONAL TOPO AREAS	GS	JD	AB	02.10.23
–	FIRST ISSUE	GS	JD	AB	31.08.23

PROJECT:

AUNT EMS LANE
CAVERSFIELD

DRAWING TITLE:

TOPOGRAPHICAL SURVEY
OVERVIEW

CLIENT:

RICHBOROUGH
ESTATES LTD

DRAWING NUMBER: 27877_06_170_01

REVISION:	SHEET SIZE:	SCALE:
A	A0	1:1000

STATUS: FOR INFORMATION

M-EC GEOMATICS
Telephone: 01530 264 753
Email: group@m-ec.co.uk
Website: www.m-ec.co.uk

ORDNANCE SURVEY © CROWN COPYRIGHT 2015. ALL RIGHTS RESERVED. LICENCE NUMBER 100030865.

Printed:03.10.2023

File Location: X:\27877\Planning\06 geomatics\27877_06_170_01\a topographical survey.dwg