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TOPOGRAPHICAL SURVEY/UTILITY KEY :-

(ht) – height
(rd) – diameter
● – geo trap
a/g – above ground
o/r – assumed route
b/d – bollard
bb – bellaire beacon
bd – back drop
bol – bollard
bor – borehole
bos – bottom of shaft
bt – telecom
c/b fence – closeboard fence
cb – cable box
cdw – cable television
cl – cover level
cp – control point
cr – cable riser
cws – combined water sewer
d/chan – drainage channel
ejb – electric junction box
ent – entrance
eot – end of trace
ep – electric pole
f/bed – flower bed
f/h – fire hydrant
fl – floor level
fs – fire switch
g/ws – gully water sewer
g – gully
g/run – gully run
h/ch – hatchet
h/chestnut – horse chestnut
h/thorn – hawthorn
ic – inspection cover
il – invert level
int – intercept
int – interceptor
lp – lamp post
m/cover – manhole cover
mkr – marker
o/h – over head
ol – off lot
oos – out of survey area
OSBM – ordnance survey bench mark
p & r fence – post & rail fence
pd – pit depth
pl – pole light
plg in pipe to ground
pts – pipe to surface
r/w – rain water
ret wall – retaining wall
rs – road sign
s/pipe – shaped pipe
s/birch – silver birch
s/p – safety paving
sap – sapling
sec fence – security fence
sc – sub station chamber
sl – spot light
sp – soil pipe
sp – spot level
sv – stop valve
svp – soil vent pipe
tws – storm water sewer
tbm – temporary bench mark
TBM – temporary bench mark
tl – threshold level
toc – top of cap
tod – top of dome
tot – top of tank
tp – telecom pole
t/pole – timber pole
t/s – trench sump
u/s – underside
ub – unable to lift
ur – unable to rod
ut – unable to survey
utl – unable to trace
vp – vent pipe
w/c – water closed chamber
wl – water level
wm – water meter
wp – waste pipe
wr – water riser

SURVEY CONTROL :-

STATION	EASTINGS	NORTHINGS	LEVEL
ST01	437238.895	259793.253	121.245
ST02	437277.383	259788.655	121.908
ST03	437289.416	259798.880	121.851
ST04	437337.944	259795.231	121.843
ST05	437290.793	259747.261	123.026
ST06	437337.549	259746.116	122.684
ST07	437324.077	259686.542	122.889
ST08	437288.698	259580.546	123.140
ST09	437291.160	259461.353	123.650
ST10	437251.320	259426.532	123.705
ST11	437339.357	259306.359	123.919

SHEET LAYOUT :-

A0–SHEET 36224/1

A0–SHEET 36224/1

A0–SHEET 36224/1

UTILITY SURVEY KEY :-

HATCHED AREA
BOREHOLE
CPT
TRIAL PIT
HAND PIT
WINDOW SAMPLE

ELECTRIC CABLE
WATER PIPE
FOUL SEWER
STORM SEWER
COMBINED SEWER
DUCTS
CABLE TELEVISION
TELECOM PIPE
TELECOM CABLE
GAS PIPE
UNIDENTIFIED SERVICE
OTHER
VENT
TRAFFIC LIGHT
OFFSET FILL
VENT
FUEL PIPE
PIPE/CABLE LINES
PIPE
ASSUMED ROUTE
TAKEN FROM RECORDS

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Private service pipes and cables in highways are not shown, but there presence should be anticipated.

Additional below ground structures or obstructions not shown on this drawing may be present. Reference should be made to historical plans and as-built drawings. Excavations in the vicinity of services should be carried out with due diligence and HSE Guidelines concerning avoiding dangers from underground services.

Planar note that factors such as ground conditions, proximity of other utilities, material and depth of construction have an influence on the quality of the data collected on site.

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UTILITY NOTES

SURVEY AREA COMPRISES OF THE VILLAGE HALL, PLAYING FIELDS AND THE ADJACENT ROADS SOUTH PARADE/CONSTANCE DRIVE.

ALL DRAINAGE COVERS WERE LIFTED AND RECORDED, WHERE POSSIBLE. ROUTES OF THE SEWERS ARE MAPPED OUT WITH FLEX-TRACE OR SONDE.

THE 100ø FOUL WATER MAIN LOCATED SOUTH WEST OF THE VILLAGE HALL COULD ONLY BE TRACED TO THE BOTTOM OF THE CAR PARK. THE REST HAS BEEN ADDED FROM RECORDS.

ALL AREAS WERE TRACED WITH BOTH EML AND GPR. BUILDING WORK AROUND THE FRONT OF THE VILLAGE HALL LIMITED A FULL SURVEY TO BE COMPLETED.

ON THE WHOLE ALL SERVICES WERE LOCATED AS PER THE RECORDS THAT WERE PROVIDED.

THE GAS MAIN RUNNING DOWN CONSTANCE DRIVE HAD TO BE ADDED FROM RECORDS AS COULD NOT BE DETECTED. PROBABLY DUE TO UTILITY CONGESTION.

SERVICES FOUND THROUGHOUT THE WHOLE SITE INCLUDE; WATER, GAS, BT, LVS, UNKNOWNS, FOUL AND STORM DRAINAGE. THE WATER AND GAS ALONG SOUTH PARADE AND CONSTANCE DRIVE WERE PRIMARILY FOUND WITH RADAR.

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MIDLAND SURVEY LTD

HEAD OFFICE
Cromwell House, Westfield Road, Southam, Warwickshire, CV47 0JH.
Tel: 01926 810811 Fax 01926 810812
E–Mail: mail@midlandsurvey.co.uk
www.midlandsurvey.co.uk

Client	ALLEN CONSTRUCTION CONSULTANCY
Project	HARBURY PLAYING FIELD, HARBURY, WARWICKSHIRE
Title	TOPOGRAPHICAL AND UTILITY MAPPING SURVEY
Date	MARCH 2021
Scale	1:200@A0
Dwg No	36224 /1
Surveyor	TJ/MJP
Checked	JJY

Revisions

TOPOGRAPHICAL (LAND) SURVEYORS / UTILITY SURVEYORS
BUILDING MEASUREMENT SURVEYORS / 3D LASER SCANNING

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(ht) – height
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● – pea trap
a/g – above ground
a/r – assumed route
av – air valve
bb – belisha beacon
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bl – bed level
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cl – cover level
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WATER PIPE
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OFFSET FILL
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Client	ALLEN CONSTRUCTION CONSULTANCY
Project	HARBURY PLAYING FIELD, HARBURY, WARWICKSHIRE
Title	TOPOGRAPHICAL AND UTILITY MAPPING SURVEY
Date	MARCH 2021
Scale	1:200@A0
Dwg No	38224/2
Surveyor	T.J/M.P
Checked	J.Y

Revisions

TOPOGRAPHICAL (LAND) SURVEYORS / UTILITY SURVEYORS
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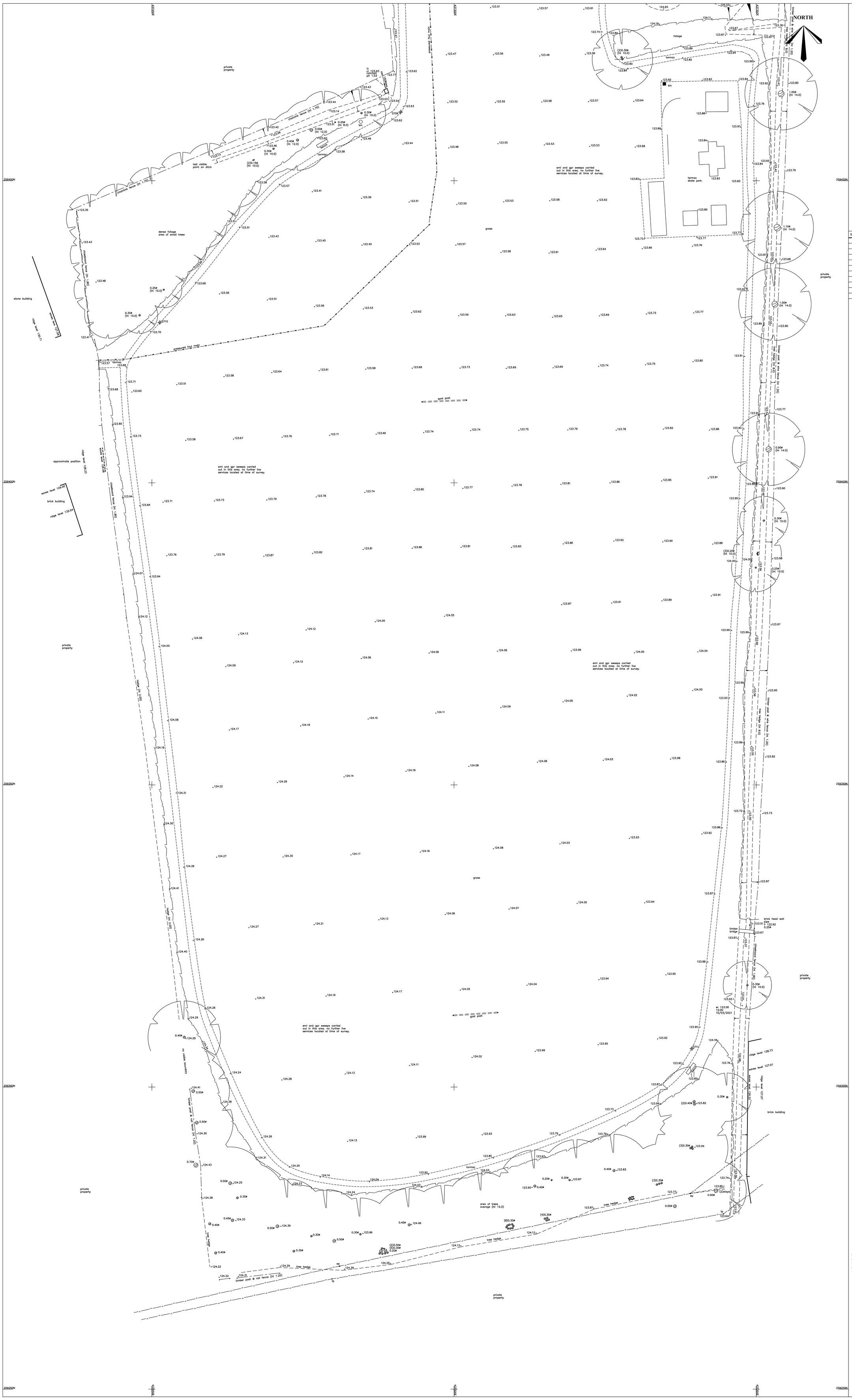

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Client	ALLEN CONSTRUCTION CONSULTANCY
Project	HARBURY PLAYING FIELD, HARBURY, WARWICKSHIRE
Title	TOPOGRAPHICAL AND UTILITY MAPPING SURVEY
Date	MARCH 2021
Scale	1:200@A0
Dwg No	38224/3
Surveyor	T.J/M.P
Checked	J.Y

Revisions

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BUILDING MEASUREMENT SURVEYORS / 3D LASER SCANNING

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