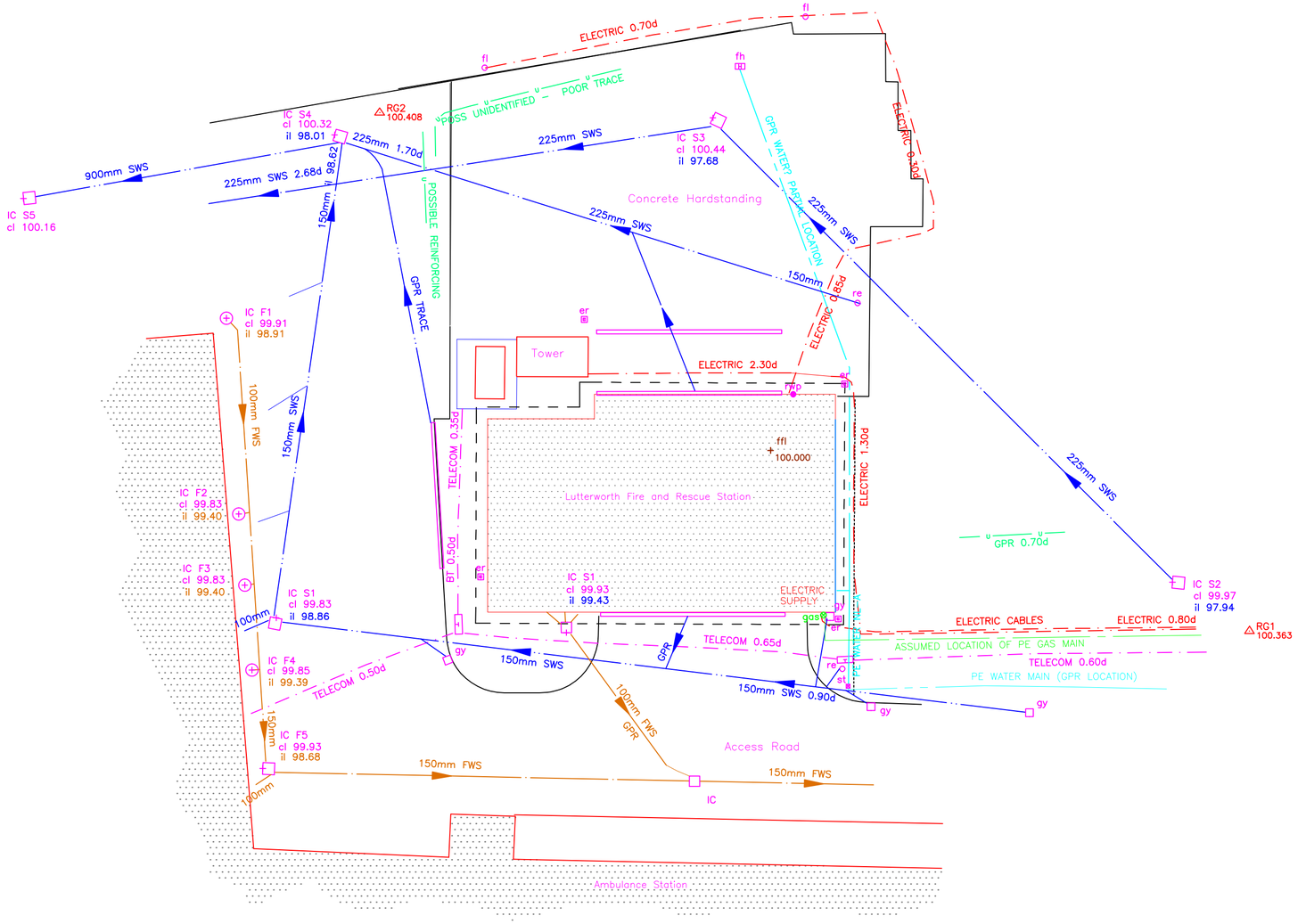
Services Survey Key

HV ELECTRIC CABLES
LV ELECTRIC CABLES
ABANDONED CABLES
TELEPHONE
CABLE TV
DATA CABLES
GAS MAINS
WATER MAINS
UNIDENTIFIED
FOUL WATER SEWERS — FWS
COMBINED WATER SEWERS — CWS
STORM WATER SEWERS — SWS
RISING MAIN
ABANDONED SERVICE
OVERHEAD SERVICE
OTHER SERVICES
END OF TRACE (EOT)

av air valve
bd back drop
bk brick
BT British Telecom IC
cab cabinet
cl cover level
dp down pipe
ejb electricity junction box
eor end of rodding
eot end of trace
ep electricity pole
fl flood light
ffl finished floor level
fh fire hydrant
gs gas syphon
gv gas valve
ic inspection chamber
il invert level
lh lamp hole
lp lamp post
Merc Mercury IC
mkr marker
nl not located
o/f overflow
prv pressure reducing valve
re rodding eye
rs road sign
rts rodded to stop
rwp rain water pipe
sc stop cock
sv stop valve
tp telegraph pole
tv cable tv ic
utl unable to lift
uts unable to survey
vp vent pipe
wl water level
wm water meter
wo washout

Topographic Survey by Donaldson LLP, no survey stations found on site, RGI survey of services and street furniture merged by graphical fit and arbitrary level datum to office finished floor level.

Station	Easting	Northing	Level
RG1	1021.425	999.030	100.363
RG2	976.421	1025.856	100.408



Topographic Legend

Building (footprint)
Building canopy (overhead) /foundations/ruins
Kerb / hard surface (levels at channel)
Verge/ change of surface / ditch
Bank
Fence

cb Closed board
cp Conc. panel
hr Hand rail
bw Barbed wire
pc Post & chain
pr Post & rail
sec Security Fence
ob Open board
clf Chain link
pw Post & wire
ir Iron railings

Armco Safety barrier
Overhead cable
Tree
Gate
Bench Mark
+52.47 level
Hedge
BT IC
TV IC
bh Borehole
foliage/tree canopy

bol Bollard
bin Litter bin
bs Bus stop
BT British Telecom IC
cab Cabinet
cps Concrete Paving Slabs
tv Cable Television cover
dl Data Logger
dp Down Pipe
ejb electric junction box
ep Elec. pole
fl Floodlight
fm Flow Meter
fp Flagpole
gp Gate post
gy Gully
gv Gas valve
fh Hydrant
ht Height
IC Inspection Cover
jb Junction box
ko Kerb outlet
lb Letter box
lp Lamp post
mkr Utility marker
mp Mile post
Mic Mercury Telecom IC
rnp Road Name plate
pm Parking meter
po Post
re Rodding eye
rs Road sign (electrical)
rwp Rain water pipe
sp Sign Post
st Stop tap
sv Stop valve
stay Cable stay
tcb Telephone call box
tl Traffic light
tp Telegraph pole
vp Vent pipe
wm Water meter
wo Water outlet
utl Unable to Lift
uts Unable to Survey

Drainage abbreviations
bd Back drop
lh Lamp hole
re Rodding eye
of Overflow
ww Wash water

Level prefix descriptions
ah Arch level
bl Bed level
cl Cover level
el Eaves level
ffl Finished Floor level
il Invert level
pl Parapet level
rl Roof/Ridge level
sfl Soffit level
tow Top of wall level
twl Top water level
wl Water level

Please note surveyed boundaries may not represent the extent of legal ownership of the land. Contractor shoulds check crucial dimensions on site before commencement of any work.

Services Survey Notes

Electromagnetic detection techniques have been used to locate underground services. We have used these methods successfully since our establishment in 1989 to provide comprehensive services surveys. Identification of services is only possible through confirmation with record drawings and with surveyors experience in the field. Direct connection means of applying a locating signal provide the best possibility of correct route location and identification, but it should be noted that results are not flawless. Where critical we advise confirmation of services by trial pits. The services survey should be read in conjunction with utility record drawings. Although all efforts are made to provide a complete and comprehensive survey as possible, Rugby Ground Information Ltd cannot guarantee the completeness of the survey.

We are not allowed to lift or access BT covers and therefore our survey for BT cables may be restricted. For this reason we advise contacting BT to arrange BT duct location by Bt Engineers prior to any excavation.

Non–locatable services not shown on our survey may exist.

Services not electronically located are annotated as follows:

GPR GROUND PROBING RADAR
NL–A NOT LOCATED – plotted in an assumed position
NL–I NOT LOCATED – plotted from on site information
NL–R NOT LOCATED – taken from records
NL–TS NOT LOCATED – plotted from visible trench scars

Depths to services are indicated by 1.00d etc, and are provided as a guidance only and are not infallible. Therefore if critical we advice confirmation by other means.
Drainage chambers depths are inverts from cover level.
Depths to services at chambers are to top of service.

Drainage details have been carried out by non–man entry means, unless otherwise stated. Pipe sizes and depths are as accurate as possible when surveyed from the surface.

Revision	Date	Remarks
rev1	12.08.11	CCTV survey details added

Client
Leicestershire Fire and Rescue Service

Project Title
Location and Mapping of Underground Services and Drainage at Lutterworth Fire and Rescue Station

Gilmorton Road
Lutterworth LE17 1DZ

drawing no.	date
5519–17–Lutterw	22nd July 2011

surveyed	drawn	chkd	scale	plot
SB OM	SB	AD	1:200	A2

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