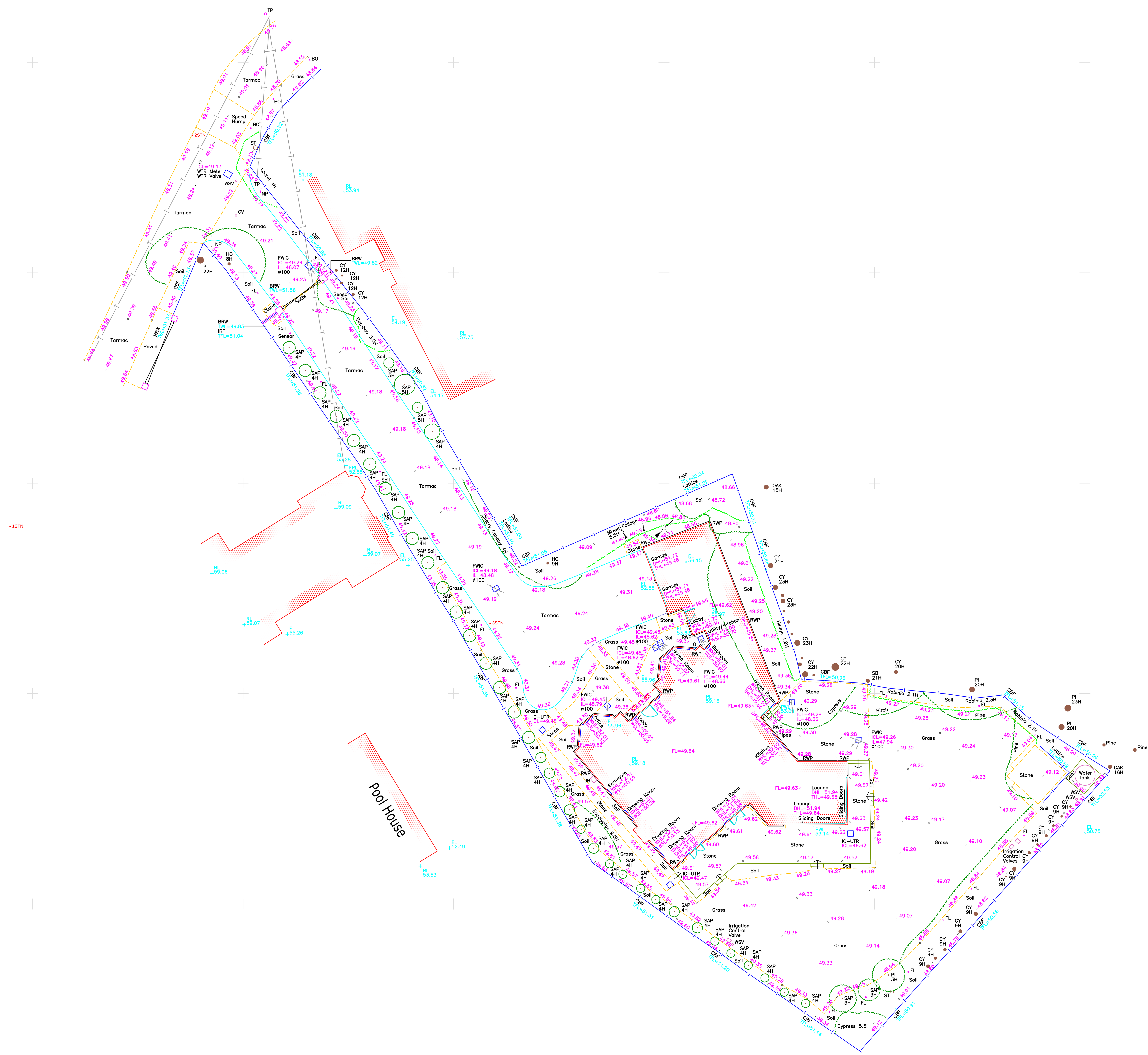

Notes

1. The survey grid is on an arbitrary rotation and origin. It is not based on Ordnance Survey.
2. Surveyed boundary features are not necessarily legal boundaries.
3. Dimensions should not be scaled. All dimensions should be checked on site before any fabrication / construction.
4. Copyright of all data produced by Technics Group shall remain with Technics Group unless otherwise specifically agreed.
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8. All utilities have been identified to the best of the surveyors knowledge. The correct identification of the utility types can not be 100% guaranteed, therefore these should be independently verified prior to use in any design and building works.
   All pipe diameters and levels are assumed to be correct, however due to non entry to inspection chambers, these should be verified before any works commence.
   All drainage connections shown are sounded only. They have not been water tested. Services may be obscured by parked cars, leaf litter or building materials etc.
9. External eaves levels are surveyed to lowest tile position.

Level Datum

ALL LEVELS ARE BASED ON TBM,
LOCATED ON 1STN VALUE=50.000m

Topo Key

STREET FURNITURE
BB Belisha Beacon
BL Basement Light
Bin Litter Bin
BO Bollard
BS Bus Stop
CPO Concrete Post
EC Electric Cupboard
EP Electric Pole
FB Flower Bed
FHM Fire Hydrant Marker
FL Flood Light
FP Flag Pole
FPO Fence Post
JB Junction Box
GB Grit Box
GMK Gas Marker Post
GPO Gate Post
IBO Illuminating Bollard
LH Lamp Hole
LP Lamp Post
LPO Lockable Post
MK Marker
MPO Metal Post
NP Name Plate
PB Post Box
PM Parking Meter
RPO Reflector Post
RS Road Sign
SI Sign
STN Survey Station
Tap Water Tap
TCB Telephone Call Box
TL Traffic Light
TLCB Traffic Light Control Box
TP Telegraph Post
TPO Timber Post

PIPES & CABLES
DBC Directly Buried Cable
DP Down Pipe
FWP Foul Water Pipe
GP Gas Pipe
RWP Rain Water Pipe
SP Stand Pipe
SVP Soil Vent Pipe
UTT Unable to Trace
VP Vent Pipe
WP Waste Pipe

LEVELS & DEPTHS
A Approximate
BD Back Drop Depth
BDL Back Drop Level
CD Chamber Depth
DHL Door Head Level
DSL Door Sill Level
DPC Damp Proof Course
EL Eaves Level
FFL Finished Floor Level
FRL Flat Roof Level
ICL Cover Level
ID Invert Depth
IL Invert Level
OD Outlet Depth
OL Outlet Level
PWL Parapet Wall Level
RL Ridge Level
SD Sump Depth
SFD Soffit Depth
SFL Soffit Level
SiltL Silt Level
SL Sump Level
SSL Structural Slab Level
TFL Top of Fence Level
THL Threshold Level
TTL Top of Tree Level
TWL Top of Wall Level
USL Underside Level
WL Water Level
WHL Window Head Level
WSL Window Sill Level

FENCES & WALLS
BW Block Wall
BRP Brick Pier
BRTW Brick Retaining Wall
BRW Brick Wall
BWF Barbed Wire Fence
CBF Close Board Fence
CIF Corrugated Iron Fence
CLF Chain Link Fence
CPF Chestnut Pailing Fence
CRW Concrete Retaining Wall
CW Concrete Wall
CWF Chicken Wire Fence
Dil Dilapidated
HR Handrail
IWF Interwoven Fence
LF Lattice Fence
MF Miscellaneous Fence
MRF Metal Railing Fence
OBF Open Board Fence
PCF Post & Chain Fence
PNF Panel Fence
PRF Post & Rail Fence
PWF Post & Wire Fence
RTW Retaining Wall
STW Stone Wall
SRTW Stone Retaining Wall
WMF Wire Mesh Fence

INSPECTION CHAMBERS
AC Access Cover
BH Borehole
CDC Concrete Drainage Channel
EIC Electric Inspection Cover
ER Earth Rod
FH Fire Hydrant
FWIC Foul Water Inspection Cover
GIC Gas Inspection Cover
GM Gas Meter
GV Gas Valve
G Gully
IC Inspection Cover
KI Kerb Inlet
LHP London Hydraulic Power
MDC Metal Drainage Channel
MW Monitoring Well
NFI No Further Information
RE Rodding Eye
SDIC Service Duct Inspection Cover
SV Stop Valve
SWCP Storm Water Catch Pit
SWIC Storm Water Inspection Cover
TCIC Traffic Control Inspection Cover
TIC Telecom Inspection Cover
UIC Unidentified Inspectional Cover
UTR Unable to Raise
WIC Water Inspection Cover
WM Water Meter
WWO Water Wash Out
WSV Water Stop Valve

SURFACES
BPav Brick Paving
Conc Concrete
CPav Crazy Paving
CPS Concrete Paving Slabs
FB Flower\Shrub Border
KFC Kidney Flint Cobbles
SPS Stone Paving Slabs
T Tiles
Tmac Tarmac
TPav Tactile Paving
TS Trench Scar

MEASUREMENTS
d Depth(m)
Ø Diameter (mm)
Ext. Ø External Diameter (mm)
H Object Height (m)

Symbology

Single Gate
Double Gate
Banking
Step Up
Diameter shown in mm
Survey Station

Linetypes

Telecom Overhead
Power Overhead
Foul Water
Surface Water
Combined Water
Unknown Services
Change of Surface
Drop Kerb
Fence
Wall
Kerb
Building Face
Overhead Feature
Trench Scar
Tree Canopy
Bushes\Foliage\Overgrowth
Tree Canopy Extents

Trees

SPECIES ABBREVIATION

AL Alder
BE Beech
CE Cedar
CH Cherry
CON Coniferous
CY Cypress
DE Dead
DEC Deciduous
ED Elder
EU Eucalyptus
FR Fruit
HA Hawthorn
HB Hornbeam
HC Horse Chestnut
HL Hemlock
HO Holly
HZ Hazel
LA Larch
LB Laburnum
LM Lime
LO Locust
LU Laurel
MA Maple
MG Magnolia
NS Norway Spruce
PI Pine
PO Poplar
PL Plane
RH Rhododendron
RO Rowan
SAP Sapling
SB Silver Birch
SCN Sweet Chestnut
SHR Shrub
ST Stump
SY Sycamore
WB Whitebeam
WG Wellingtonia
WI Willow
WN Walnut

NOTES:
1. The tree species have been identified to the best of the surveyors knowledge. They have not been verified by an arborist and are not guaranteed. If they are important they should be verified.
2. Tree heights are estimated.
3. A CAD layer exists with the full tree canopies intact which is turned off.
4. Trees with bole diameters below the specified minimum size may not have been surveyed.
5. Multibole sizes are indicative.

CLIENT

SITE

DRAWING TITLE
Topographical Survey Example

PROJECT NUMBER	DRAWING NUMBER	DATE Sep 2017
SURVEYED BY	DRAWN BY	CHECKED BY
SCALE 1:200	SHEET SIZE A1	SHEET 1 OF 1

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SURVEY STATIONS

Name	Easting	Northing	Height
1STN	497.856	1015.881	50.000
2STN	515.189	1053.051	49.173
3STN	543.481	1006.674	49.255