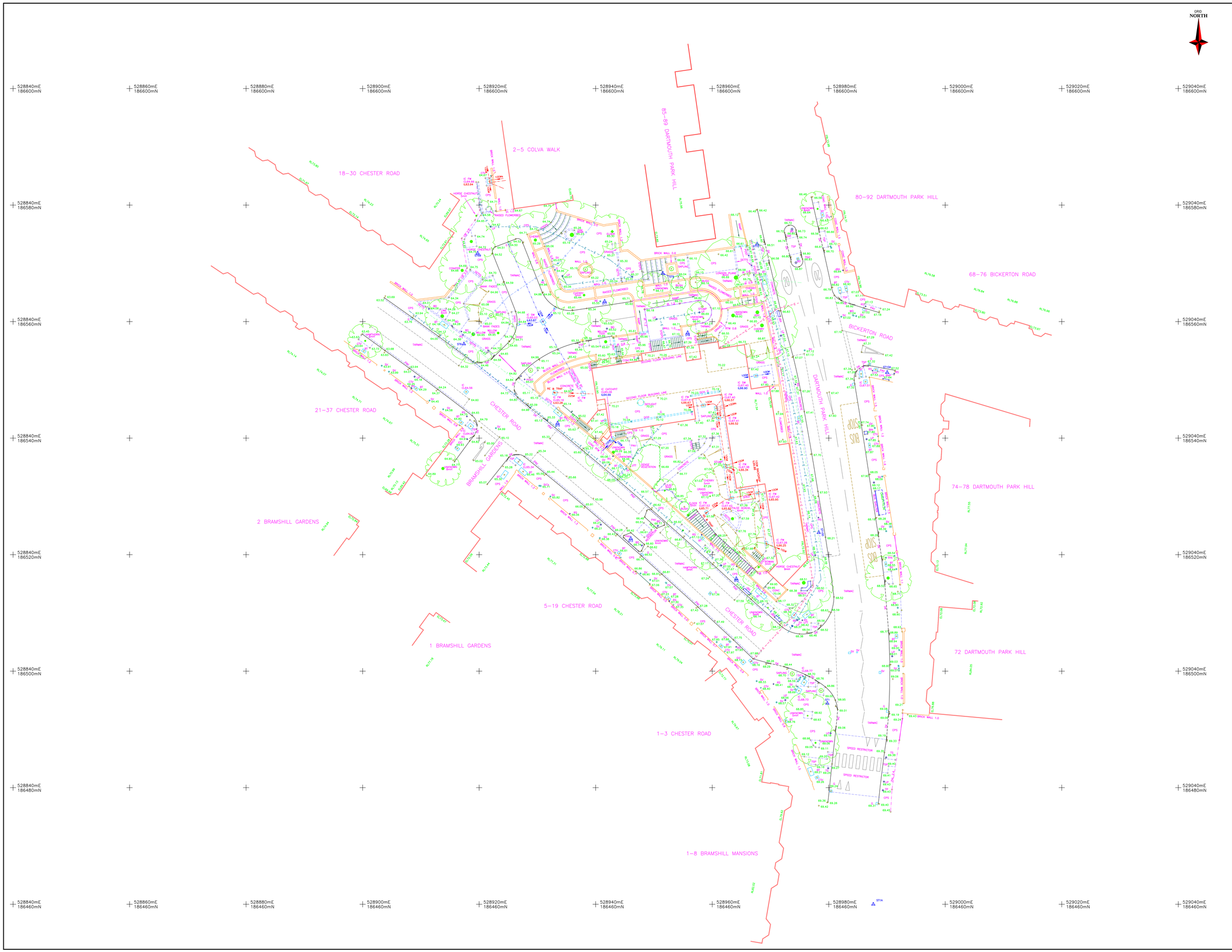

Original Drawing Size: A0

NOTES:-

The accuracy and content of this drawing are dependent on the original specification and EDI should be consulted before use at other scales.

Where underground services are shown, all reasonable care has been taken within the spirit of the original specification and requirement. Before use of this information the user should satisfy itself as to its suitability and carry out independent investigations of sufficient detail before undertaking any works. Due to the nature of this work and limitations imposed by ground conditions and the detection equipment no guarantee can be given that all services have been recorded. Trial holes should be dug at critical locations.

All reasonable care has been taken in the survey detail represented on this drawing but any discrepancies must be reported to EDI immediately.

Our aim is to produce the best possible results within the specification and cost constraints of our clients. Any comments are most welcome.

Levels shown at kerbs are channel level unless stated.

LEGEND

Features:
AV Air Valve
AB Air Brick
BO Bollard
BH Borehole
BM Benchmark
BP Boundary Post
BB Box Box
BT Box Telecom
CL Cover Level
COL Column
CTV Cover TV Cover
DCH Drainage Channel
DF Drinking Fountain
GP Gate Post
DK Drop Kerb
DPC Damp proof Course
EL Electric Box
EJ Expansion Joint
ER Earth Rod
FCH Fire Hydrant
FHR Fire Hose Reel
FS Flagstaff
FL Flag
GV Gas Valve
IC Inspection Cover
JB Junction Box
JBX Junction Box
KO Kerb Outlet
LP Lamp Post
LBIN Litter Bin
LLP Low Level LP
MH Man Hole
MP Marker Post
MS Mile Stone
OHT Overhead Telecom
OHL Overhead Line
OP Overflow Pipe
PM Parking Meter
PP Power Pole
RAD Radiator
RG Reading Gas
RP Reflecting Cat Plate
RS Road Sign
RSD Roller Shutter Door
SAP Sample Point
SD Service Duct
SV Stop Valve
SB Telephone Call Box
TP Telegraph Pole
TS Traffic Signal
UB Universal Beam
UNK Unknown
UR Urinal
VT Vent to lift
V Vent
VP Vent Pipe
WC Water Closet
WO Wash Out
WP Waste Pipe

Building Level Details:
D Door
FL Floor Level
FFL Floor Level
FRL Flat Roof Level
PL Parapet
PRL Parapet Level
RL Ridge Level
SL Sill Level
SP Springer of Arch
TA Top Of Arch
TB Top Of Beam
FCIL Ceiling/Beam Soffit

Boundary Types:
BW Barbed Wire
CB Close Boarded
CH Chainlink
CI Corrugated Iron
CP Concrete Paling
IR Iron Railing
IT Interwoven
M Metal Fence
PAL Palisade
PF Post & Rail
PW Post & Wire
TWR Timber Knee Rail
WTW Retaining Wall
WF Wire Mesh Fence
WMF Wire Mesh Fence

Surfaces & Finishes:
B Brickwork
BL Block Work
C Concrete
CLT Ceiling Tiles
G Grass
CPS Concrete Paving Slabs
CP Carpet Tiles
CR Carpet Runner
CT Ceramic Tiles
FT Floor Tiles
L Linoleum
U Linoleum
P Plaster
PV Plastic Paviore
S Steel work
T Tarmac
TSP Tactical Safety Paving
VT Vinyl Tiles

Services:
CATV cables
CCTV cables
Data cables
Electric cables
Foul water
Gas pipes
Heating duct
Service ducts
Telecom duct
Telecom cab.
Unidentified
Water pipes
Pipe Diameter/Flow
Overhead Lines

Survey Station
Fence
Gate
Painted Road Markings
Edge of Vegetation
Kerb/Drop Kerb
Tree
Blanks
Building
Overhead Building Detail
Wall

Control: All levels and co-ordinates are related to the datums described.
The horizontal control of this survey is based on Ordnance Survey National Grid as translated from GPS coordinates using the OSTN15 transformation supplied by the OS. We have applied a reverse scale factor to maintain true ground distances, based on station 575. The vertical control of this survey is based on OS datum as translated from GPS coordinates using the OSGM15 transformation as supplied by the OS.

The services on this survey have been traced using a combination of Radiodetection RD8000 and IDS Opera Duo Ground Penetrating Radar. Whilst every effort has been made to locate all services no system or equipment is able to locate 100% of services without excavation. GPR works best in areas of open ground with minimal clutter, it works less well in very wet or very dry soils and ground which has been generally disturbed or built up, and it also works better with larger diameter cables and pipes - for example it is difficult to trace small bore connections to individual properties. The RD8000 cannot distinguish between services if they are adjacent, cannot always distinguish small pipes/cables adjacent to large ones and can be swamped by radiation from buildings (when very close to them) or high voltage overhead lines. Inspection covers have been lifted where possible without damage to covers.

Station Schedule

Station	Easting	Northing	Level	Type
1	528979.768	186494.492	69.069	HIR: Nail
1A	528987.655	186459.997	69.569	HIR: Nail
1B	528984.928	186440.258	69.770	HIR: Nail
2	528946.029	186513.895	67.638	HIR: Nail
3	528934.424	186542.886	67.453	HIR: Nail
5	528933.466	186542.290	65.453	HIR: Nail
6	528917.380	186556.165	64.391	HIR: Nail
6A	528898.145	186560.393	63.494	HIR: Nail
6B	528919.748	186571.745	64.727	HIR: Nail
7	528945.197	186558.497	67.367	HIR: Nail
8	528945.240	186558.292	67.367	Road Nail
9	528951.517	186568.272	65.935	HIR: Nail
10	528967.727	186573.331	66.604	HIR: Nail
10A	528990.036	186551.279	67.621	HIR: Nail
100	528978.283	186523.803	68.250	HIR: Nail

Rev	Job No	Date	Revision Detail	Surveyor	DRWN

CLIENT
Bell Phillips Architects
Unit 305 Metropolitan Wharf
70 Wapping Wall
London
E1W 3SS

PROJECT
Topographic and Services Survey
Chester Road
London
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Job No.	Surveyor	Checked	Date	Scale
17890	R.B/T.Cos	GMP	April 2019	1:200

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