Original Drawing Size: A0

GRID NORTH

NOTES:-

The accuracy and content of this drawing are dependent on the original specification and EDI should be consulted before use in 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 consult EDI and satisfy themselves of the completeness and accuracy of such information for their requirements. Due to the limitations of the detection equipment, restrictions 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
BH Borehole
BH Borehole
BM Benchmark
BOL Bollard Post
BS Bus Stop
BT British Telecom
CH Chimney Stack
COL Column
CCTV Cable TV Cover
CP Concrete Pedestal
DF Drinking Fountain
DIS Disused
DP Down Pipe
DPC Damp proof Course
EXC Electricity IC
EJ Expansion joint
ER Earth Rod
FH Fire Hydrant
FR Flood Relief Weir
FS Flagstaff
G Gully
GV Gate Valve
IC Inspection Cover
IL Invert Level
KER Kerb Height
KO Kerb Outlet
LB Letter Box
LC Lamp Column
LLP Low Level LP
LP Lamp Post
MH Manhole
MS Mile Stone
MT Mercury Telecom
OHL Overhead Line
OP Overflow Pipe
PM Parking Meter
PP Power Pole
RE Rodding Eye
RMP Road Name Plate
RP Road Post
RSD Roller Shutter Door
RWP Rain Water Pipe
SIG Traffic Signal
SV Stop Valve
TCB Telephone Call Box
TEL Telegraph Pole
TS Traffic Sign
UB Universal Beam
UC Universal Column
UN Urinal
UTL Unable to lift
VP Vent Pipe
WM Water Meter
WO Waste Outlet
WP Waste Pipe

Building Level Details:
D Door
EL Eave Level
FL Floor Level
FRL Flat Roof Level
HL Hand Level
PL Parapet Level
RL Ridge Level
SL Sill Level
TA Top of Arch
TA Top of Arch
W Window
RSJ Ceiling/Beam Soffit

Boundary Types:
BW Barbed Wire
CB Close Boarded
CH Chain link
CI Corrugated Iron
CP Chestnut Paling
HH Hedgerow
HI Interwoven
LL Lunch Lap
PA Picket Fence
PR Post & Rail
PW Post & Wire
RPW Ranch Post & Rail
RTW Retaining Wall
VSF Vehicle Safety Fence
WMF Wire Mesh Fence

Surfaces & Finishes:
B Brickwork
BB Breeze Block
C Concrete
CLT Ceiling Tiles
CP Carpet
CPS Composite Paving Slabs
CPT Carpet Tiles
CR Concrete Render
FT Floor Tiles
FT Floor Tiles
HBD Hardboard
P Painted
P Plaster
PAV Brick Pavors
S Stone
T Terrazzo
TSP Textured Safety Paving
VT Vinyl Tiles

Services:
CATV cables
Drain pipes
Duct cables
Electric cables
Foul water
Gas pipes
Overhead duct
Service ducts
Storm water
Telecom cab.
Unidentified
Water pipes
Pipe Diameter/Flow
Overhead Lines

Survey Station
Fence
Gate
Painted Road Markings
Edge of Vegetation
Kerb/Drop Kerb
Tree
Top
Bottom
Banks
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 grid as translated from GPS coordinates using Leica's SmartNet service. We have applied a reverse scale factor to convert the coordinates to ground level values. 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. This may differ from the existing OS benchmarks in the area which should be disregarded; all levels should be taken from EDI survey stations.

Station Schedule

Station	Easting	Northing	Level	Type
1	260729.178	198482.868	51.482	Hilti Nail
2	260705.155	198492.442	51.482	Hilti Nail
3	260776.943	198503.985	52.460	Hilti Nail
4	260759.018	198524.251	51.950	Hilti Nail
5	260741.754	198432.395	52.460	Hilti Nail
6	260726.754	198432.395	52.460	Hilti Nail
7	260689.842	198444.562	51.217	Hilti Nail
8	260677.805	198482.889	51.131	Hilti Nail
9	260715.312	198493.691	51.378	Hilti Nail
10	260729.178	198482.868	51.482	Hilti Nail
10A	260663.351	198501.571	47.109	Hilti Nail

The services on this survey have been traced using a combination of Radiodetection RD8000 and IDS 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 well in moist soils which are relatively undisturbed but works less well in very wet or very dry soils and ground which has been generally disturbed or built up, and it also works poorly where there are numerous services in close proximity. 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.

Rev.	Job No.	Date	Revision Detail	Surveyor	Chkd

CLIENT
Lidl Great Britain Ltd
Waterton Industrial Estate, off Cowbridge Road
Bridgend
CF31 3PH

PROJECT
Topographic Survey & Buried Utilities Survey
Former Poundstretcher Unit
Gorseinon Road
Gorseinon
Swansea, SA4 9GE

Job No.	Surveyor	Checked	Date	Scale
18927	A Rose	RJA	Aug. 2020	1:200

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DRAWING No. 18927/T&S/01–01 REV. -

This Survey has been carried out to PAS 128 Detection Method M2P.
Orthogonal search transects at 2m intervals for both Electro Magnetic Location and Ground Penetrating Radar techniques.

The Quality levels achieved are indicated on service lines as B1, B2, B3 or B4.
B1 horizontal location accuracy ±150mm or ±15% of detected depth whichever is greater.
B1 vertical location accuracy ±150mm or ±15% of detected depth.
B1 is achieved by horizontal and vertical location by multiple geophysical techniques.
B2 horizontal location accuracy ±250mm or ±40% of detected depth whichever is greater.
B2 vertical location accuracy ±40% of detected depth.
B2 is achieved by horizontal and vertical location by one of the geophysical techniques used.
B3 horizontal location accuracy ±500mm.
B3 vertical location accuracy undefined. (no reliable depth).
B3 is achieved by horizontal location only by one of the geophysical techniques used.
B4 horizontal location accuracy undefined.
B4 vertical location accuracy undefined.
B4 is a utility segment which is suspected to exist but has not been detected or taken from records and is an assumed route only.