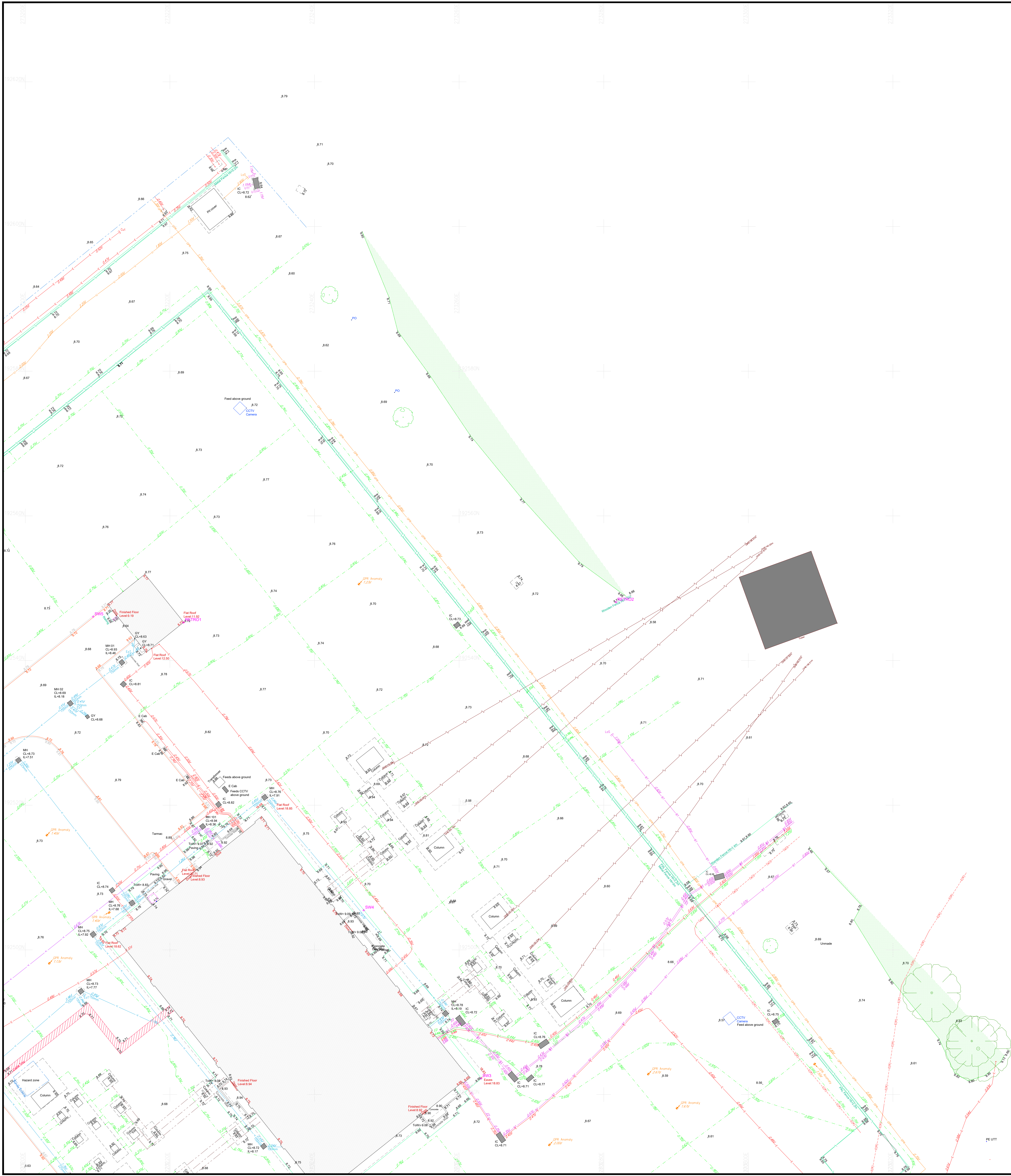




SURVEY STATIONS			
Name	Easting	Northing	Height
KC01	273006.155	192961.795	7.814
SAT1	273039.885	192555.938	7.880
SAT2	273013.709	192561.251	8.038
SW0	273054.339	192525.779	8.725
SW10	273053.286	192596.435	8.078
SW8	273409.045	192456.798	8.887
SW7	273440.972	192396.885	8.707
SW6	273228.092	192385.989	8.777
SW1	273237.687	192420.989	8.892
SW2	273169.834	192416.102	8.772
SW3	273203.043	192455.273	8.741
SW5	273209.887	192384.073	8.814
SW4	273246.812	192505.493	8.729
SW11	273219.287	192384.061	8.388
SW12	273076.283	192694.737	8.183
SW13	273125.173	192714.377	7.492
KC02	273797.648	192754.392	7.304
SW9A	273335.241	192465.723	8.485
RETR01	273211.880	192445.254	10.581
SW9A1	273142.094	192461.056	8.538
RETR02	273111.941	192526.674	8.782
RETR03	273281.700	192544.088	8.981
RKC1	273281.730	192468.044	8.705
RKC2	273177.728	192504.877	8.702
RKC1A	273757.275	192735.654	7.261

Topographic Legend

- Bottom of Bank
- Top of Banking
- Building
- Building Canopy
- Concrete Base
- Contour Major
- Contour Minor
- Fences
- General
- Kerb Bottom
- Kerb Top
- Kerb Drop
- OH Comms
- OH Electric
- Railway Line
- Road Centre
- Road Markings
- SC Hard/Hard
- SC Hard/Soft
- SC Soft/Soft
- Steps
- Tree Canopy
- Vegetation
- Visible Trench
- Walls
- Water Edge

Utility Abbreviations

- AV Air Valve
- BH Borehole
- BO(L) Borehole (Illuminated)
- BS Bus Stop
- Cab Cabinet
- CL= Cover Level
- COL Column
- Conc Concrete
- DC Drainage Channel
- DFBin Dog Foul Bin
- DP Down Pipe
- EP Electricity Pole
- ER Earth Road
- FFL Finished Floor Level
- FF Fire Hydrant
- FR Flag Pole
- GP Gas Valve
- Gully
- IC Inspection Cover
- KO Kerb Outlet
- LP Lamp Post
- MH Manhole
- MP Marker Post
- PB Pedestrian Beacon
- PGR Pedestrian Guard Rail
- PM Parking Meter
- PO Post
- RE Rodding Eye
- RS(L) Road Sign (Illuminated)
- RWP Rain Water Pipe
- SH(L) Sign Post (Illuminated)
- SPCam Speed Camera
- ST Stop Tap
- SV Sluice Valve
- SVP Soil Vent Pipe
- TBox Telephone Box
- TL Traffic Light
- TOP Top of Fence Level
- TP Telecom Pole
- VP Vent Pipe
- WB Waste Bin
- WB= Window Bottom Level
- WM Water Meter
- WO Wash Out
- WTT Window Top Level
- WV Water Valve
- MW Monitoring Well

Utility Legend

- Air Line
- Alarm Cable
- BT Cable
- CATV Cable
- Chamber Extent
- Comms Cable
- CWD Sewer
- Earth Wire/Tape
- Electric Cable
- Fibre Optic Cable
- Fuel Line
- FWD Sewer
- Gas Pipe
- Band of Cables
- Empty Service Duct
- SWD Sewer
- Survey Extents
- Heating Pipes
- HV Electric Cable
- Kingston Comms
- Oil Pipe
- Rising Main
- Traffic Control
- Unknown Utility
- Vent Pipe
- Water
- GPR Detection
- Assumed Route
- Records Route
- Drainage
- Backdrop
- Cable Riser

Utility Abbreviations

- CP Cathodic Protection
- Cut Disconnected Utility
- DI Ductile Iron
- DoB Depth of Bottom
- DoC Depth of Cover
- ED Empty Duct
- EoT End of Trace
- PE Polyethylene
- HDPE High Density PE
- LoS Loss of Signal
- MDPE Middle Density PE
- SI Span Iron
- TLC Traffic Light Control
- UDI Unreliable Depth Info
- Unidentified
- vPVC Polyvinyl Chloride
- UTVC Unable to Raise
- UTT Unable to Trace
- VC Vitrified Clay

- Manufacturer Stated Depths
- Detected Using Electromagnetic Location Methods
- e.g. Any metallic pipe/cable. Accuracy $\pm 2.5\%$ of depth reading.
- Detected Using Electromagnetic Location Methods
- eg. Using a Sonde to locate drainage pipework. Accuracy $\pm 2.5\%$ of depth reading.
- Detected Using Ground Penetrating Radar
- e.g. A plastic pipe or service not located by other means. Accuracy depends on ground conditions.

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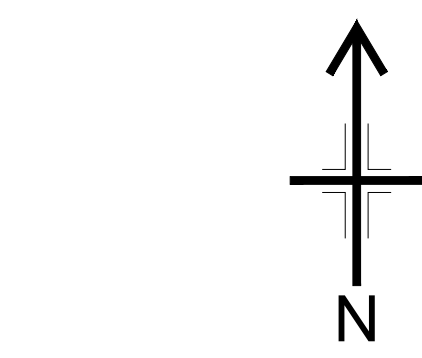
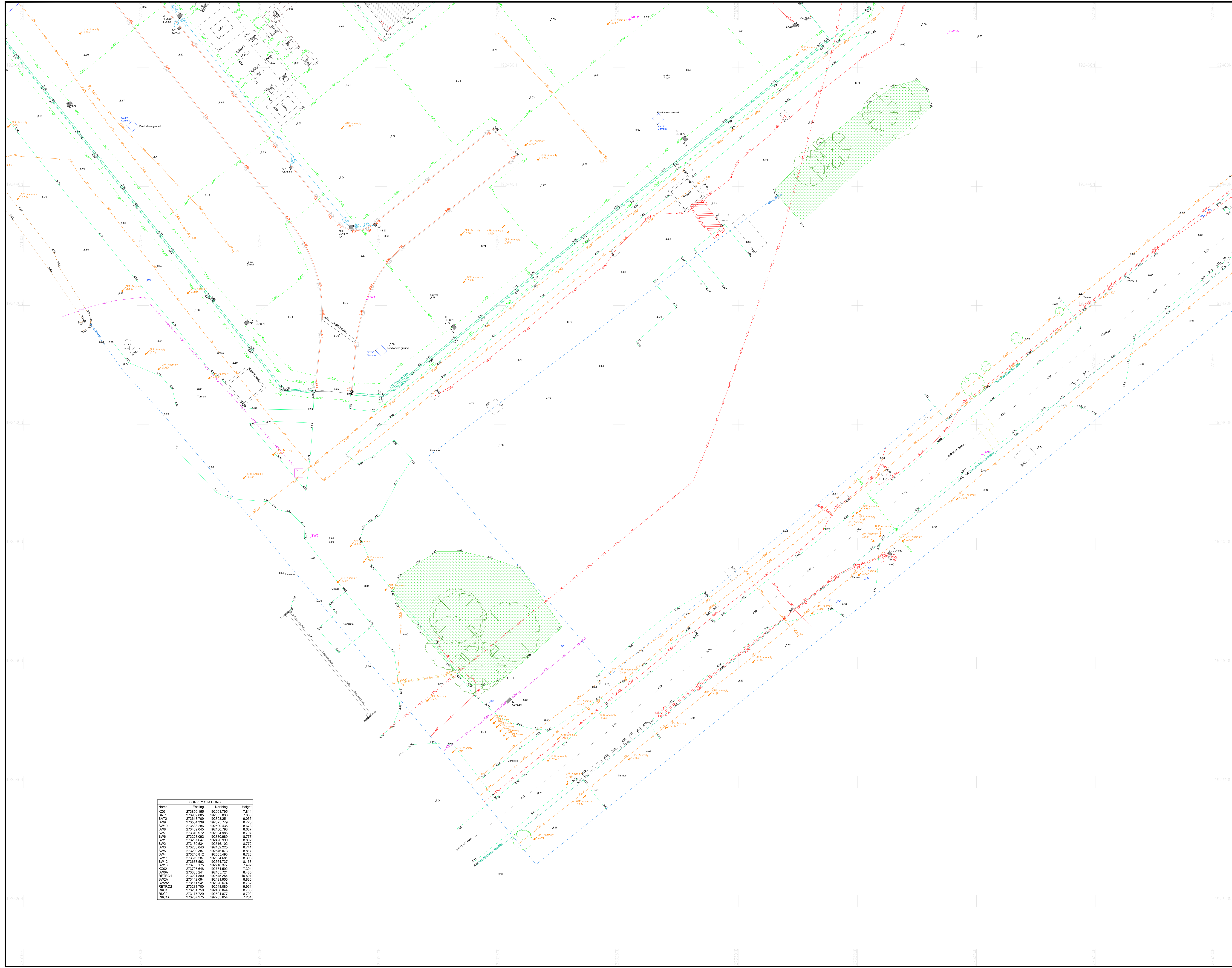
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ALL HATCHING IS FOR PRESENTATIONAL PURPOSES ONLY.

Rev.	Date	Comments
1	23/01/25	missing area and stats added

Client	JACOBS
Site Location:	BAGLAN ENERGY PARK, BAGLAN BAY, NEATH PORT TALBOT, SA12 7EZ
Purpose of Drawing	GPR UTILITY MAPPING SURVEY, PRESENTED ON A TOPOGRAPHICAL SURVEY
Surveyed by	JM AC KC SW
Checked by	DH
Date	09-12-24
Drawn by	RSI
Authorised by	NB
Scale	1:200@A0
Scale 1:200	0 5 10 15
Centara	
Office 10, Ripley Drive, Normanton Business Park, Wakefield, WF6 1QT. info@centara-ltd.com	
Project No	110014
Revision Status	01
Sheet Number:	Layout 2 of 6



GRID: OS NATIONAL GRID
Using the OS GPS Network and applying OSTN15 Transformation
and then removing the scale factor for true distances with a one-step
transformation centred on: SW01
DATUM: OS LEVEL DATUM
Using the OS GPS Network and applying OSGM15 National Geoid
Model to obtain local area corrections

Topographic Legend

- | | |
|-----------------|----------------|
| Bottom of Bank | OH Electric |
| Top of Banking | Railway Line |
| Building | Road Centre |
| Building Canopy | Road Markings |
| Concrete Base | SC Hard/Hard |
| Contour Major | SC Hard/Soft |
| Contour Minor | SC Soft/Soft |
| Fences | Steps |
| General | Tree Canopy |
| Kerb Bottom | Vegetation |
| Kerb Top | Visible Trench |
| Kerb Drop | Walls |
| OH Comms | Water Edge |

Utility Abbreviations

- | | | | |
|-------|-----------------------|-------|-------------------------|
| AV | Air Valve | PB | Pedestrian Beacon |
| BH | Borehole | PGR | Pedestrian Guard Rail |
| BO(L) | Bollard (Illuminated) | PM | Parking Meter |
| BS | Bus Stop | PO | Post |
| Cab | Cabinet | RE | Rodding Eye |
| CL | Cover Level | RE | Road Sign (Illuminated) |
| COL | Column | RWP | Rain Water Pipe |
| Conc | Concrete | SH(L) | Sign Post (Illuminated) |
| DC | Drainage Channel | SPCam | Speed Camera |
| DFBin | Dog Foul Bin | ST | Stop Tap |
| DP | Down Pipe | SV | Sluice Valve |
| EP | Electricity Pole | SVP | Soil Vent Pipe |
| ER | Earth Rod | TBox | Telephone Box |
| FLL | Finished Floor Level | TL | Traffic Light |
| FF | Fire Hydrant | TOP | Top of Fence Level |
| FP | Flag Pole | TOW | Top of Wall Level |
| GP | Gate Post | TP | Telecoms Pole |
| GV | Gas Valve | VP | Vent Pipe |
| GY | Gully | WB | Waste Bin |
| IC | Inspection Cover | WB | Window Bottom Level |
| KO | Kerb Outlet | WM | Water Meter |
| LP | Lamp Post | WO | Wash Out |
| MH | Manhole | WTT | Window Top Level |
| Mk | Marker | WV | Water Valve |
| MP | Marker Post | WW | Monitoring Well |

Utility Legend

- | | |
|--------------------|-------------------|
| Air Line | SWD Sewer |
| Alarm Cable | Survey Extents |
| BT Cable | Heating Pipes |
| CATV Cable | HV Electric Cable |
| Chamber Extent | Kingston Comms |
| Comms Cable | Oil Pipe |
| CWD Sewer | Rising Main |
| Earth Wire/Tape | Traffic Control |
| Electric Cable | Unknown Utility |
| Fibre Optic Cable | Vent Pipe |
| Fuel Line | Water |
| FWD Sewer | GPR Detection |
| Gas Pipe | Assumed Route |
| Band of Cables | Records Route |
| Empty Service Duct | Drainage |
| | Backdrop |
| | Cable Riser |

Utility Abbreviations

- | | | | |
|------|----------------------|----------------|-----------------------|
| CP | Cathodic Protection | LoS | Loss of Signal |
| Cut | Disconnected Utility | MDPE | Middle Density PE |
| DI | Discrete Iron | SI | Span Iron |
| DoB | Depth of Bottom | TLC | Traffic Light Control |
| DoC | Depth of Cover | UDI | Unreliable Depth Info |
| ED | Empty Duct | Unst | Unstabilised |
| EoT | End of Trace | vPVC | Polyvinyl Chloride |
| PE | Polyethylene | UTR | Unable to Raise |
| HDPE | High Density PE | UTT | Unable to Trace |
| | VC | Vitrified Clay | |

Manufacturer Stated Depths

- Detected Using Electromagnetic Location Methods
e.g. Any metallic pipe/cable. Accuracy $\pm 2.5\%$ of depth reading.
- Detected Using Electromagnetic Location Methods
eg. Using a Sonde to locate drainage pipework
Accuracy $\pm 2.5\%$ of depth reading.
- Detected Using Ground Penetrating Radar
e.g. A plastic pipe or service not located by other means.
Accuracy depends on ground conditions.

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Notes

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ALL DIMENSIONS SHOULD BE VERIFIED ON SITE PRIOR TO CONSTRUCTION.

ALL HATCHING IS FOR PRESENTATIONAL PURPOSES ONLY.

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1	23/01/25	missing area and stats added
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Rev.	Date	Comments
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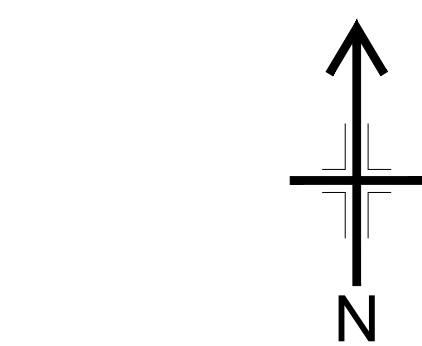
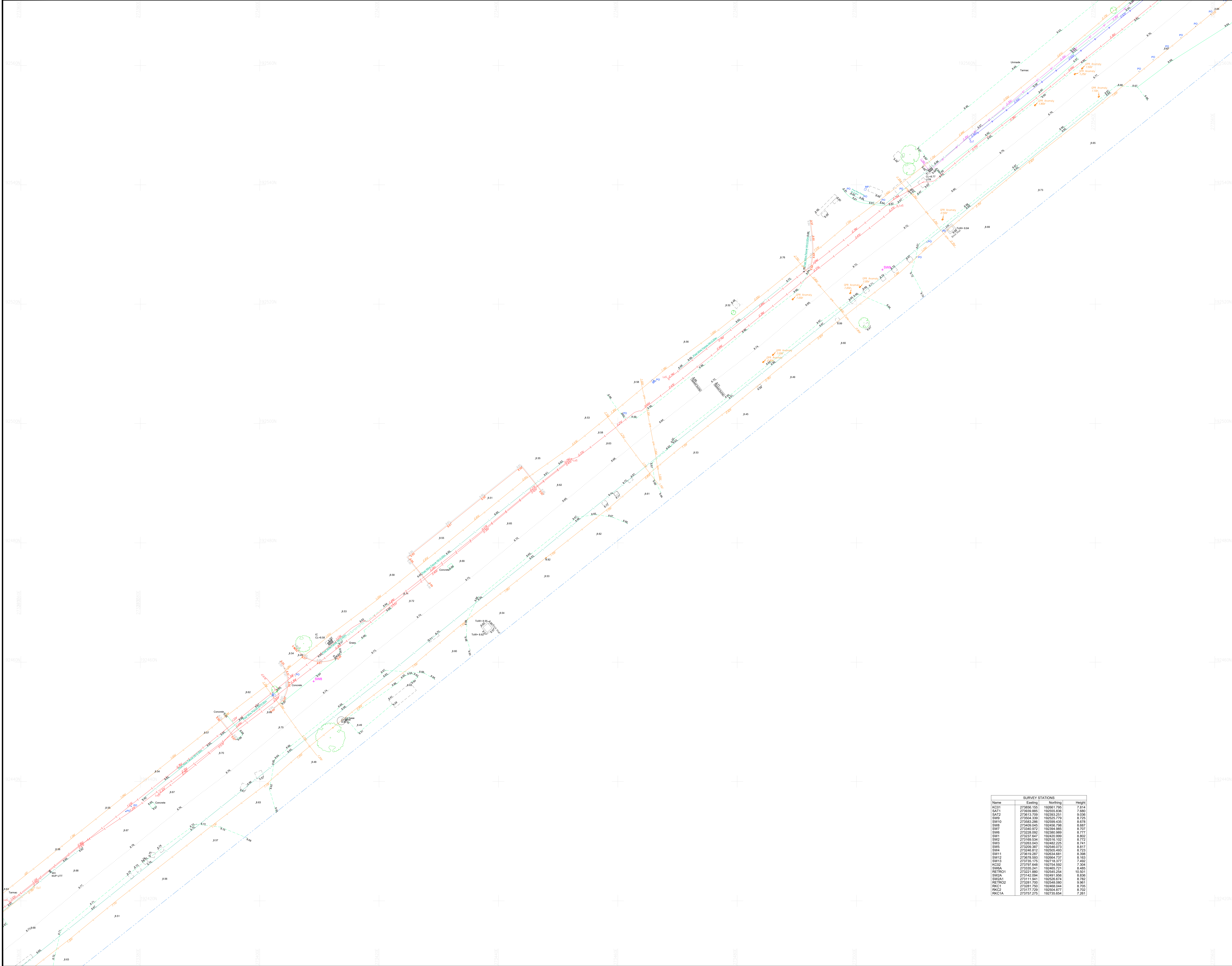
SURVEY STATIONS			
Name	Easting	Northing	Height
SW1	273080.155	192081.780	8.814
SW2	273080.885	192085.850	8.890
SW3	273081.799	192093.251	8.900
SW4	273084.339	192095.779	8.725
SW5	273083.288	192098.430	8.678
SW6	273080.045	192098.798	8.687
SW7	273080.972	192098.985	8.707
SW8	273080.092	192080.980	8.777
SW9	273083.647	192093.869	8.802
SW10	273080.534	192091.102	8.772
SW11	273083.043	192082.225	8.741
SW12	273080.812	192084.073	8.817
SW13	273080.812	192085.493	8.723
SW14	273080.287	192084.081	8.368
SW15	273080.093	192084.731	8.103
SW16	273080.175	192079.377	7.402
SW17	273080.568	192074.560	7.204
SW18	273080.241	192080.771	7.804
SW19	273080.880	192084.254	10.501
SW20	273080.972	192084.995	8.800
SW21	273081.841	192082.874	8.782
SW22	273081.701	192084.995	8.981
SW23	273081.750	192088.044	8.705
SW24	273081.729	192084.977	8.702
SW25	273081.275	192085.854	7.281



Office 10, Ripley Drive,
Normanton Business Park,
Wakefield,
WF6 1QT.
info@centara-ltd.com

Project No	110014	Revision Status	01
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Sheet Number:	Layout 3 of 6
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GRID: OS NATIONAL GRID
Using the OS GPS Network and applying OSTN15 Transformation
and then removing the scale factor for true distances with a one-step
transformation centred on: SW01
DATUM: OS LEVEL DATUM
Using the OS GPS Network and applying OSGM15 National Geoid
Model to obtain local area corrections

Topographic Legend

- | | |
|-----------------|----------------|
| Bottom of Bank | OH Electric |
| Top of Banking | Railway Line |
| Building | Road Centre |
| Building Canopy | Road Markings |
| Concrete Base | SC Hard/Hard |
| Contour Major | SC Hard/Soft |
| Contour Minor | SC Soft/Soft |
| Fences | Steps |
| General | Tree Canopy |
| Kerb Bottom | Vegetation |
| Kerb Top | Visible Trench |
| Kerb Drop | Walls |
| OH Comms | Water Edge |

Topographic Abbreviations

- | | |
|-----------------------------|-------------------------------|
| AV Air Valve | PB Pedestrian Beacon |
| BH Borehole | PBX Post Box |
| BO(L) Bollard (Illuminated) | PGR Pedestrian Guard Rail |
| BS Bus Stop | PM Parking Meter |
| Cab Cabinet | PO Post |
| CL= Cover Level | RE Rodding Eye |
| COL Column | RS(L) Road Sign (Illuminated) |
| Conc Concrete | RWP Rain Water Pipe |
| DC Drainage Channel | SV Sign Post (Illuminated) |
| DFBin Dog Foul Bin | SPCam Speed Camera |
| DP Down Pipe | ST Stop Tap |
| EP Electricity Pole | SV Sluice Valve |
| ER Earth Rod | SVP Soil Vent Pipe |
| FFL= Finished Floor Level | TBox Telephone Box |
| FP Fire Hydrant | TL Traffic Light |
| FP Flag Pole | TOP= Top of Fence Level |
| GP Gate Post | TOW= Top of Wall Level |
| GV Gas Valve | TP Telecoms Pole |
| Gully | VP Vent Pipe |
| IC Inspection Cover | WB Waste Bin |
| KO Kerb Outlet | WB= Window Bottom Level |
| LP Lamp Post | WM Water Meter |
| MH Manhole | WO Wash Out |
| MP Marker | WTT= Window Top Level |
| MP Marker Post | WV Water Valve |
| | WW Water Valve |
| | Monitoring Well |

Utility Legend

- | | |
|--------------------|-------------------|
| Air Line | SWD Sewer |
| Alarm Cable | Survey Extents |
| BT Cable | Heating Pipes |
| CATV Cable | HV Electric Cable |
| Chamber Extent | Kingston Comms |
| Comms Cable | OS Pipe |
| CWD Sewer | Rising Main |
| Earth Wire/Tape | Traffic Control |
| Electric Cable | Unknown Utility |
| Fibre Optic Cable | Vent Pipe |
| Fuel Line | Water |
| FWD Sewer | GPR Detection |
| Gas Pipe | Assumed Route |
| Band of Cables | Records Route |
| Empty Service Duct | Drainage |
| | Backdrop |
| | /Cable Riser |

Utility Abbreviations

- | | |
|--------------------------|---------------------------|
| CP Cathodic Protection | LoS Loss of Signal |
| Cut Disconnected Utility | MDPE Middle Density PE |
| DI Ductile Iron | SI Span Iron |
| DoB Depth of Bottom | TLC Traffic Light Control |
| DoC Depth of Cover | UDI Unreliable Depth Info |
| ED Empty Duct | Unidentified |
| EoT End of Trace | vPVC Polyvinyl Chloride |
| PE Polyethylene | UTR Unable to Raise |
| HDPE High Density PE | UTT Unreliable Trace |
| | VC Vitrified Clay |

Manufacturer Stated Depths

- Detected Using Electromagnetic Location Methods
e.g. Any metallic pipe/cable. Accuracy $\pm 2.5\%$ of depth reading.
- Detected Using Electromagnetic Location Methods
eg. Using a Sonde to locate drainage pipework
Accuracy $\pm 2.5\%$ of depth reading.
- Detected Using Ground Penetrating Radar
e.g. A plastic pipe or service not located by other means.
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1	23/01/25	missing area and stats added

Rev.	Date	Comments
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Client	JACOBS
Site Location:	BAGLAN ENERGY PARK, BAGLAN BAY, NEATH PORT TALBOT, SA12 7EZ
Purpose of Drawing	GPR UTILITY MAPPING SURVEY, PRESENTED ON A TOPOGRAPHICAL SURVEY
Surveyed:	JM AC KC SW
Checked:	DH
Drawn:	RSI
Authorised:	NB
Date:	09-12-24
Scale:	1:200@A0
Scale 1:200	
Office 10, Ripley Drive, Normanton Business Park, Wakefield, WF6 1QT. info@centara-ltd.com	
Project No	110014
Revision Status	01
Sheet Number:	Layout 4 of 6

SURVEY STATIONS			
Name	Easting	Northing	Height
KC01	273856.155	192861.795	7.814
SA11	273859.895	192859.596	7.809
SA12	273813.708	192393.251	9.036
SW4P	273854.539	192552.719	8.725
SW8	273883.286	192599.432	8.678
SW9	273859.045	192495.756	8.927
SW7	273340.072	192394.985	8.707
SW6	273229.052	192380.989	8.772
SW1	273237.647	192420.959	8.902
SW2	273180.534	192516.102	8.772
SW3	273263.043	192482.225	8.741
SW5	273209.367	192546.073	8.817
SW4	273246.812	192505.463	8.723
SW11	273819.287	192634.681	8.386
SW12	273876.593	192664.737	8.163
SW13	273725.175	192716.377	7.462
KC12	273737.548	192754.862	7.304
SW14	273535.241	192455.721	8.480
RETRO1	273527.880	192343.294	10.971
SW2A	273142.084	192481.956	8.836
SW2A1	273111.541	192526.074	8.702
RETRO2	273281.700	192448.080	9.981
RKC1	273281.750	192468.044	8.762
RKC2	273177.729	192604.877	8.702
RKC1A	273557.215	192735.654	7.281

SURVEY STATIONS			
Name	Easting	Northing	Height
K201	273856.105	192961.795	7.814
SAT1	273939.885	192955.836	7.880
SAT2	273913.709	192933.251	9.036
SW5	273504.338	192525.775	8.725
SW10	273583.286	192599.435	8.678
SW6	273400.045	192456.788	8.687
SW7	273340.072	192394.885	8.797
SW8	273228.092	192340.889	8.777
SW1	273237.647	192420.899	8.802
SW2	273169.534	192516.102	8.772
SW3	273263.943	192462.225	8.741
SW5	273209.387	192546.073	8.817
SW4	273619.287	192634.681	8.388
SW12	273678.812	192694.197	8.123
SW13	273735.175	192718.377	7.462
K202	273707.648	192714.562	7.364
SW14	273335.241	192465.721	8.485
RETRO1	273221.880	192451.264	10.001
SW2A	273142.084	192491.595	8.338
SW2A1	273111.841	192520.674	8.785
RETRO2	273281.700	192548.080	9.961
RNC1	273281.790	192468.044	8.705
RNC2	273177.729	192504.877	8.702
RNC1A	273792.275	192735.054	7.281

N

GRID: OS NATIONAL GRID
Using the OS GPS Network and applying OSTN15 Transformation
and then removing the scale factor for true distances with a one-step
transformation centred on: SW01
DATUM: OS LEVEL DATUM
Using the OS GPS Network and applying OSGM15 National Geoid
Model to obtain local area corrections

Topographic Legend

Bottom of Bank

Top of Bank

Building

Building Canopy

Concrete Base

Contour Major

Contour Minor

Fences

General

Kerb Bottom

Kerb Drop

Kerb Top

OH Comms

OH Electric

Railway Line

Road Centre

Road Markings

SC Hard-Hard

SC Hard-Soft

SC Soft-Soft

Steps

Tree Canopy

Vegetation

Visible Trench

Walls

Water Edge

Utility Abbreviations

AV

BH

BO(L)

BS

Cab

CL

COL

Conc

DC

DFBin

DP

EP

ER

FFL

FP

FR

GP

GV

Gy

IC

LP

MP

Air Valve

Bottle

Bollard (Illuminated)

Bus Stop

Cabinet

Cover Level

Column

Concrete

Drainage Channel

Dog Fou Bin

Down Pipe

Electricity Pole

Earth Rod

Finished Floor Level

Fire Hydrant

Flag Pole

Gate Post

Gas Valve

Gully

Inspection Cover

Kerb Outlet

Lamp Post

Manhole

Marker

Marker Post

PB

PGR

PM

PO

RE

RSP(L)

RWP

SH(L)

SPCam

ST

SV

SVP

TBox

TL

TOP

TOW

TP

VP

WB

WB+

WM

WO

WTT

WV

Pedestrian Beacon

Pedestrian Guard Rail

Parking Meter

Post

Rodding Eye

Rain Water Pipe

Sign Post (Illuminated)

Speed Camera

Stop Tap

Sluice Valve

Soil Vent Pipe

Traffic Light

Top of Fence Level

Telecoms Pole

Vent Pipe

Waste Bin

Window Bottom Level

Water Meter

Wash Out

Window Top Level

Water Valve

Monitoring Well

Utility Legend

Air Line

Alarm Cable

BT Cable

CATV Cable

Chamber Extent

Comms Cable

CWD Sewer

Earth Wire/Tape

Electric Cable

Fibre Optic Cable

Fuel Line

FWD Sewer

Gas Pipe

Band of Cables

Empty Service Duct

Survey Extents

Heating Pipes

HV Electric Cable

Kingston Comms

Oil Pipe

Rising Main

Traffic Control

Unknown Utility

Water

GPR Detection

Assumed Route

Records Route

Drainage

Backdrop

Cable Riser

Utility Abbreviations

CP

Cut

DoB

DoC

ED

EoT

PE

HDPE

Cathodic Protection

Disconnected Utility

Drill Hole

Depth of Bottom

Depth of Cover

Empty Duct

End of Trace

Polyethylene

High Density PE

LoS

MDPE

SI

TLC

UDI

vPVC

UTR

UTT

Vitrified Clay

Loss of Signal

Middle Density PE

Spun Iron

Traffic Light Control

Unreliable Depth Info

Unsubstantiated

Polyvinyl Chloride

Unable to Raise

Unable to Trace

Manufacturer Stated Depths

○

○

○

Detected Using Electromagnetic Location Methods
e.g. Any metallic pipe/cable. Accuracy ± 2.5% of depth reading.

Detected Using Electromagnetic Location Methods
eg. Using a Sonde to locate drainage pipework
Accuracy ± 2.5% of depth reading.

Detected Using Ground Penetrating Radar
e.g. A plastic pipe or service not located by other means.
Accuracy depends on ground conditions.

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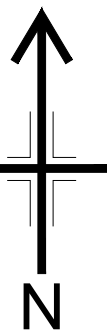
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1	23/01/25	missing area and stats added
Rev.	Date	Comments

Client	JACOBS
Site Location:	BAGLAN ENERGY PARK, BAGLAN BAY, NEATH PORT TALBOT, SA12 7EZ
Purpose of Drawing	GPR UTILITY MAPPING SURVEY, PRESENTED ON A TOPOGRAPHICAL SURVEY
Surveyed: JM AC KC SW	Drawn: RSI
Checked: DH	Authorised: NB
Date: 09-12-24	Scale: 1:200@A0
Scale 1:200	
Office 10, Ripley Drive, Normanton Business Park, Wakefield, WF6 1QT. info@centara-ltd.com	
Project No	110014
Revision Status	01
Sheet Number:	Layout 5 of 6

SURVEY STATIONS				Height
Name	Easting	Northing		
KC01	273856.125	192661.795		7.814
SA11	273938.895	192555.836		7.893
SA12	273613.709	192393.251		9.036
SWP	273504.339	192325.779		7.725
SW10	273563.286	192569.435		8.676
SW8	273409.045	192456.798		8.687
SW7	273340.872	192358.985		8.707
SW6	273229.052	192385.989		8.777
SW1	273237.647	192420.999		8.852
SW2	273189.034	192425.102		8.772
SW3	273263.043	192482.225		8.741
SW5	273209.387	192546.073		8.871
SW4	273246.812	192505.483		8.723
SW11	273619.287	192634.681		8.368
SW12	273678.593	192694.737		8.163
SW13	273759.175	192718.377		7.825
SW14	273707.848	192704.956		7.866
SW15	273335.241	192465.721		8.489
RETR01	273221.860	192425.254		8.501
SW2A	273142.094	192491.956		8.836
SW2A1	273111.941	192426.874		8.185
RETR02	273281.793	192548.080		8.961
RNC1	273391.750	192486.044		8.705
RNC2	273177.729	192554.877		8.702
RNC1A	273757.275	192738.654		7.981



GRID: OS NATIONAL GRID
Using the OS GPS Network and applying OSTN15 Transformation
and then removing the scale factor for true distances with a one-step
transformation centred on: SW01
DATUM: OS LEVEL DATUM
Using the OS GPS Network and applying OSGM15 National Geoid
Model to obtain local area corrections

Topographic Legend

- | | |
|-----------------|----------------|
| Bottom of Bank | OH Electric |
| Top of Bank | Railway Line |
| Building | Road Centre |
| Building Canopy | Road Markings |
| Concrete Base | SC Hard-Hard |
| Contour Major | SC Hard-Soft |
| Contour Minor | SC Soft-Soft |
| Fences | Steps |
| General | Tree Canopy |
| Kerb Bottom | Vegetation |
| Kerb Top | Visible Trench |
| Kerb Drop | Walls |
| OH Comms | Water Edge |

Topographic Abbreviations

- | | | | |
|-------|-----------------------|-------|-------------------------|
| AV | Air Valve | PB | Pedestrian Beacon |
| BH | Borehole | PBX | Post Box |
| BO(L) | Bollard (Illuminated) | PGR | Pedestrian Guard Rail |
| BS | Bus Stop | PM | Parking Meter |
| Cab | Cabinet | PO | Post |
| CL | Cover Level | RE | Rodding Eye |
| COL | Column | RS(L) | Road Sign (Illuminated) |
| Conc | Concrete | RWP | Rain Water Pipe |
| DC | Drainage Channel | SH(L) | Sign Post (Illuminated) |
| DFBin | Dog Fouling Bin | SPCam | Speed Camera |
| DP | Down Pipe | ST | Stop Tap |
| EP | Electricity Pole | SV | Sluice Valve |
| ER | Earth Rod | SVP | Soil Vent Pipe |
| FFL | Finished Floor Level | TBox | Telephone Box |
| FF | Fire Hydrant | TL | Traffic Light |
| FP | Flag Pole | TOP | Top of Fence Level |
| GP | Gate Post | TOW | Top of Wall Level |
| GV | Gas Valve | TP | Telecoms Pole |
| Gy | Gully | VP | Vent Pipe |
| IC | Inspection Cover | WB | Waste Bin |
| KO | Kerb Outlet | WBM | Window Bottom Level |
| LP | Lamp Post | WM | Water Meter |
| MH | Manhole | WO | Wash Out |
| Mk | Marker | WTT | Window Top Level |
| MP | Marker Post | WV | Water Valve |
| | | WW | Water Valve |
| | | MW | Monitoring Well |

Utility Legend

- | | |
|--------------------|-------------------|
| Air Line | SWD Sewer |
| Alarm Cable | Survey Extents |
| BT Cable | Heating Pipes |
| CATV Cable | HV Electric Cable |
| Chamber Extent | Kingston Comms |
| Comms Cable | Oil Pipe |
| CWD Sewer | Rising Main |
| Earth Wire/Tape | Traffic Control |
| Electric Cable | Unknown Utility |
| Fibre Optic Cable | Vent Pipe |
| Fuel Line | Water |
| FWD Sewer | GPR Detection |
| Gas Pipe | Assumed Route |
| Band of Cables | Records Route |
| Empty Service Duct | Drainage |
| | Backdrop |
| | /Cable Riser |

Utility Abbreviations

- | | | | |
|------|----------------------|----------------|-----------------------|
| CP | Cathodic Protection | LoS | Loss of Signal |
| Cut | Disconnected Utility | MDPE | Middle Density PE |
| DI | Ductile Iron | SI | Spun Iron |
| DoB | Depth of Bottom | TLC | Traffic Light Control |
| DoC | Depth of Cover | UDI | Unreliable Depth Info |
| ED | Empty Duct | Unidentified | |
| EoT | End of Trace | uPVC | Polyvinyl Chloride |
| PE | Polyethylene | UTR | Unable to Raise |
| HDPE | High Density PE | UTT | Unable to Trace |
| | VC | Vitrified Clay | |

Manufacturer Stated Depths

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Project No	110014
Revision Status	01
Sheet Number:	Layout 6 of 6