

LEGEND

Utility Survey Point Features

FH	Fire Hydrant	ICE	IC - Electric	MHF	MH - Foul
GV	Gas Valve	ICR	IC - Round	MH	MH - Round
G	Gully	ICT	IC - Telecom	MHS	MH - Surface Water
GR	Gully Round	ICTC	IC - Traffic	SC	Stop Cock
IC	Inspection Cover	ICTV	IC - CATV	WM	Water Meter
ICC	IC - Comms	MH	Manhole	WV	Water Valve

Utility Survey Linework Features

Communications

- BT — British Telecom
- CATV — Cable TV
- CCTV — Closed Circuit TV
- COMMS — Communications
- FOL — Fibre Optic Line
- FOLC — Fibre Optic Line - Colt
- FOLE — Fibre Optic Line - Energis
- FOLF — Fibre Optic Line - Fibernet
- FOLL — Fibre Optic Line - Level 3
- FOLM — Fibre Optic Line - Mercury
- FOLMF — Fibre Optic Line - MFSC
- FOLT — Fibre Optic Line - Tanet
- FOLV — Fibre Optic Line - Virgin
- FOLVF — Fibre Optic Line - Vodafone
- FOLVN — Fibre Optic Line - Verizon
- FOLW — Fibre Optic Line - WCOM
- TS — Telecom Service

Drainage

- CW — Combined Water
- FW — Foul Water
- SW — Surface Water

Water

- FRW — Fire Water
- RM — Rising Main
- WM — Water Main
- WS — Water Service

Electrical

- E — Electrical Service
- EE — Electrical Earth
- LV — Electrical - Low Volt
- HV — Electrical - High Volt
- EHV — Electrical - Extra High Volt
- TFL — Electrical - TFL
- SL — Street Lighting
- TCSU — Traffic Control System Unit

Gas

- G — Gas Service
- GLP — Gas Low Pressure
- GIP — Gas Intermediate Pressure
- GMP — Gas Medium Pressure
- GHP — Gas High Pressure
- GPR + Unknown

Other

- ED — Empty Duct
- GPR — GPR Anomaly
- UA — Unknown Asset
- UAPS — UA Passive Sweep
- UCL — Unknown Cable
- GPR Slab
- GPR Survey Area
- Manhole Chamber
- Manhole ID
- PE — Pot End
- XX (AS) — Assumed Service
- Scope of Works

PAS128 Quality Levels

(Consult document 'PAS128-2014.pdf' for full details)

- XX - A — Quality Level A
- XX - B1 — Quality Level B1
- XX - B1P — Quality Level B1P
- XX - B2 — Quality Level B2
- XX - B2P — Quality Level B2P
- XX - B3 — Quality Level B3
- XX - B3P — Quality Level B3P
- XX - B4 — Quality Level B4
- XX - C — Quality Level C
- XX - D — Quality Level D

Special Survey Features

- DATUM 12.24 — Datum Point
- Photo Point
- Panoramic Photo Point
- ID — E=XXXX.XXX N=YYYY.YYY H=ZZZ.ZZZ — Survey Station
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Utility Survey Abbreviations

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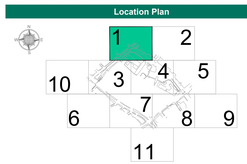
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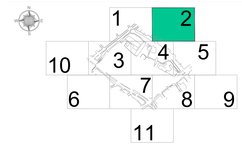
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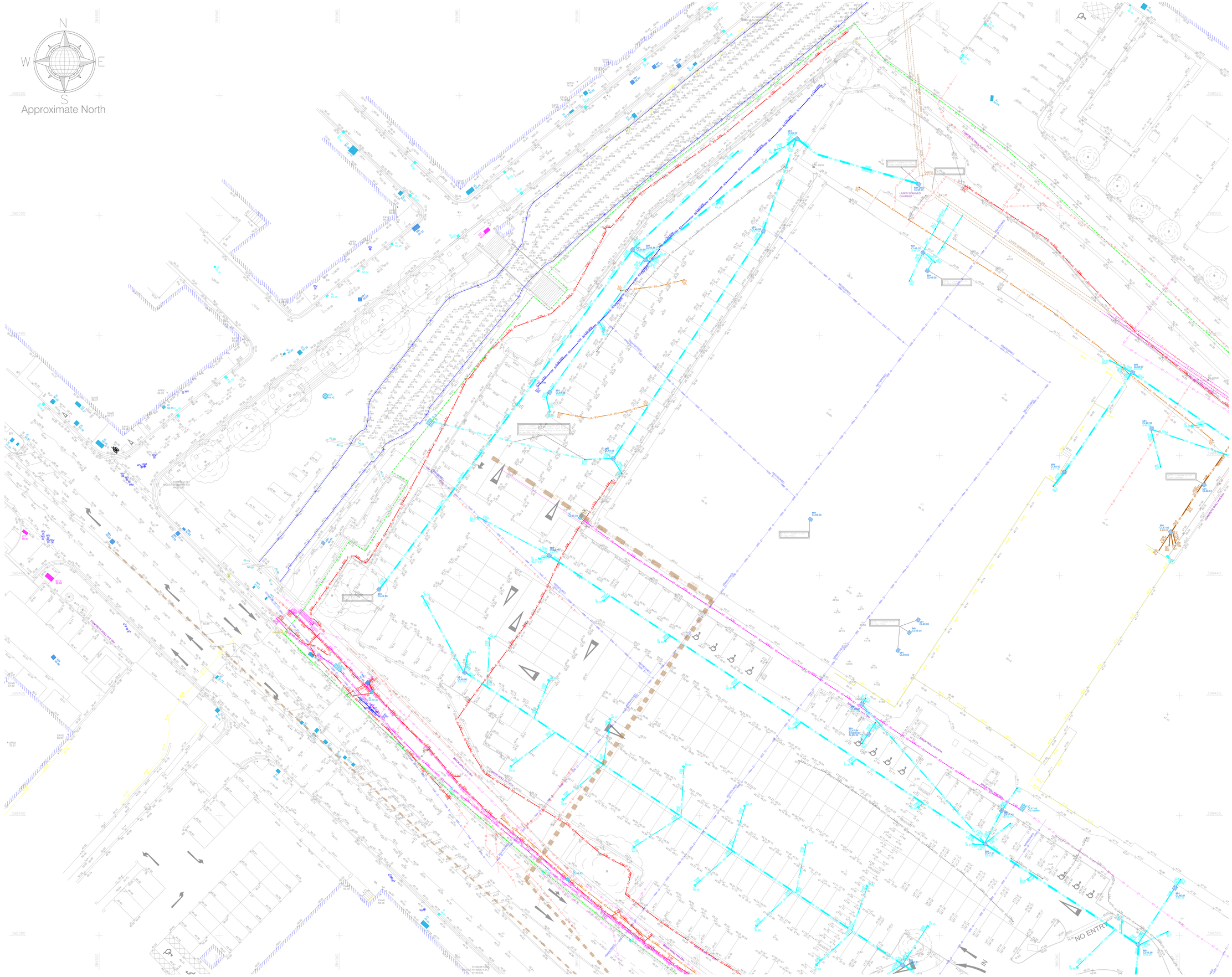
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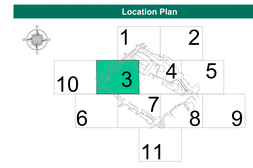
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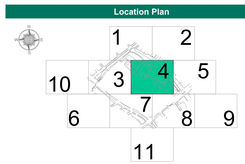
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BLD	Blocked	IL	Invert Level	UTO	Unable to Open
CL	Cover Level	NT	No Trace	UTS	Unable to Survey
CUT	Disconnect Utility	OE	Overhead Electric	UKN	Unknown
EOG	End of GPR Signal	OT	Overhead Telecom	WL	Water Level
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Utility Material Abbreviations

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Location Plan

1 2 3 4 5 6 7 8 9 10 11

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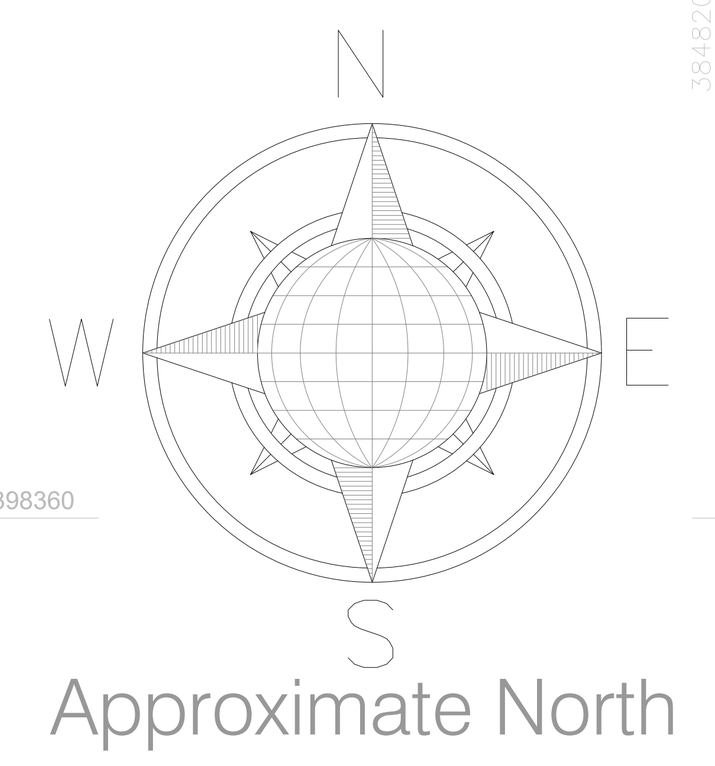
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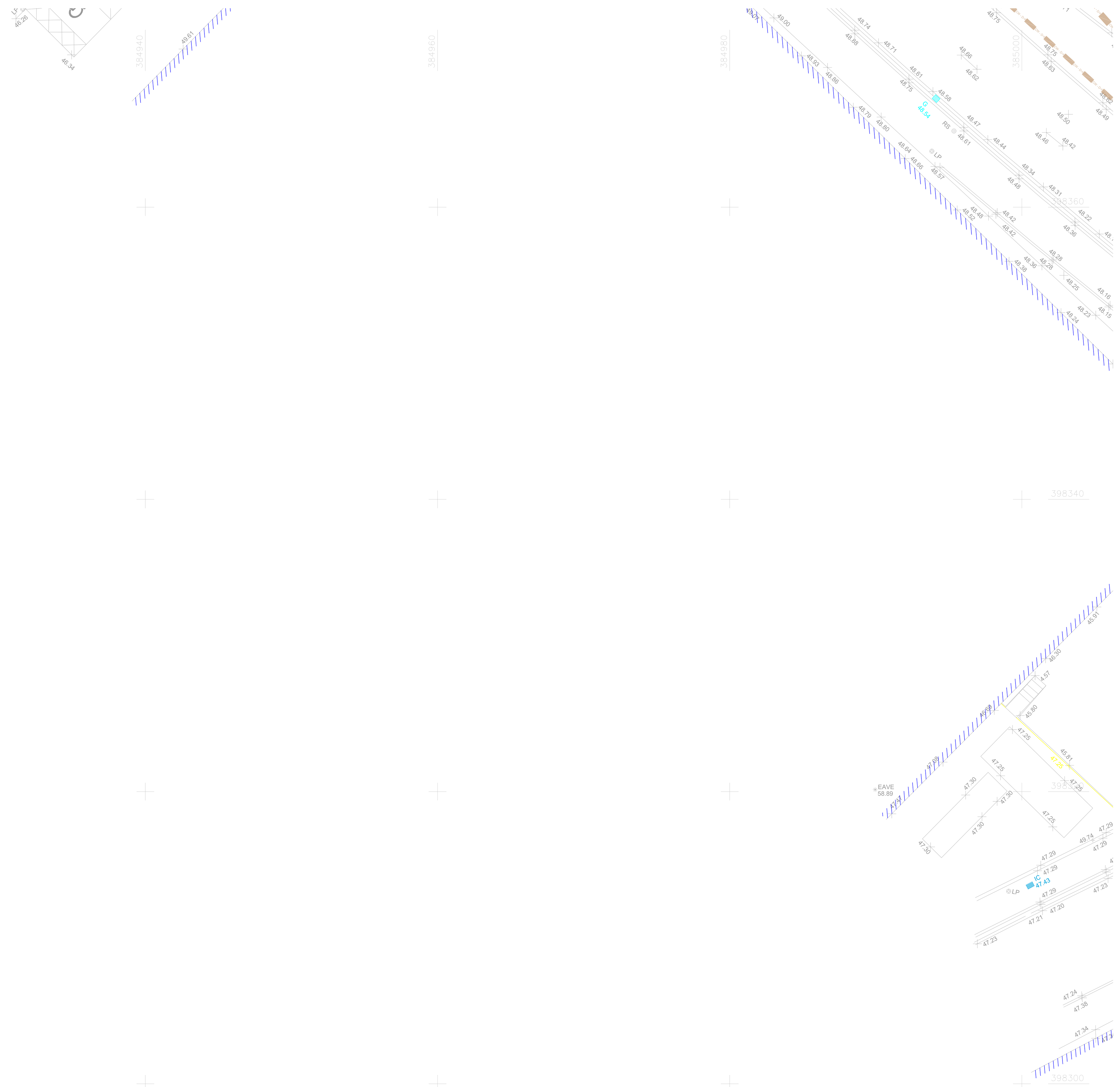
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RICS Band	Band F
Drawing Scale	1:200 @ A0
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Approximate North



LEGEND

Utility Survey Point Features

FH	Fire Hydrant	ICE	IC - Electric	MHF	MH - Foul
GV	Gas Valve	ICR	IC - Round	MH	MH - Round
G	Gully	ICT	IC - Telecom	MHS	MH - Surface Water
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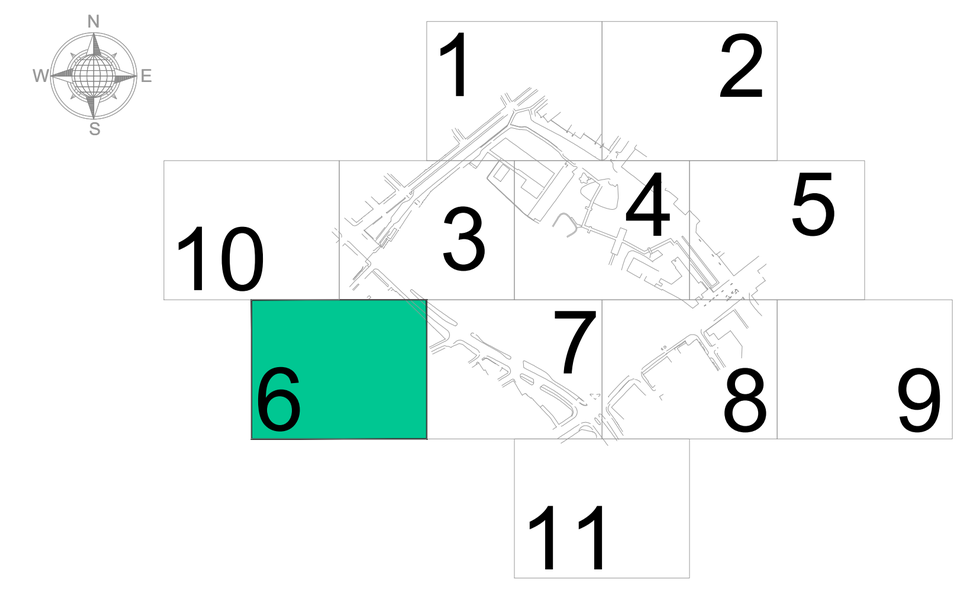
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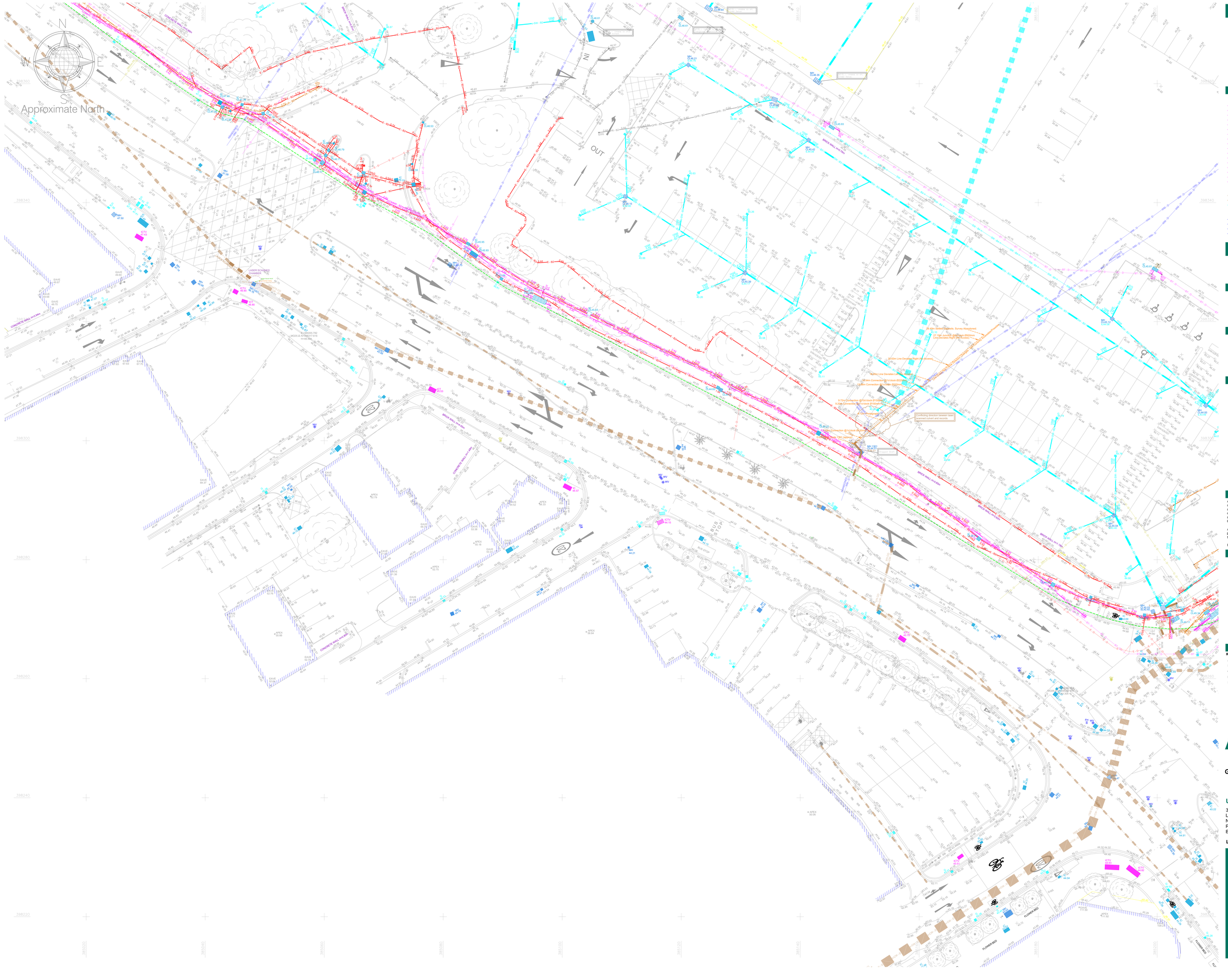
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LEGEND
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- GV Gas Valve
- G Gully
- GR Gully Round
- IC Inspection Cover
- ICC IC - Comms
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- ICR IC - Round
- ICT IC - Telecom
- ICTC IC - Traffic
- ICTV IC - CATV
- MH Manhole
- MHF MH - Foul
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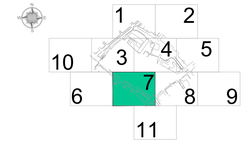
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LEGEND
Utility Survey Point Features

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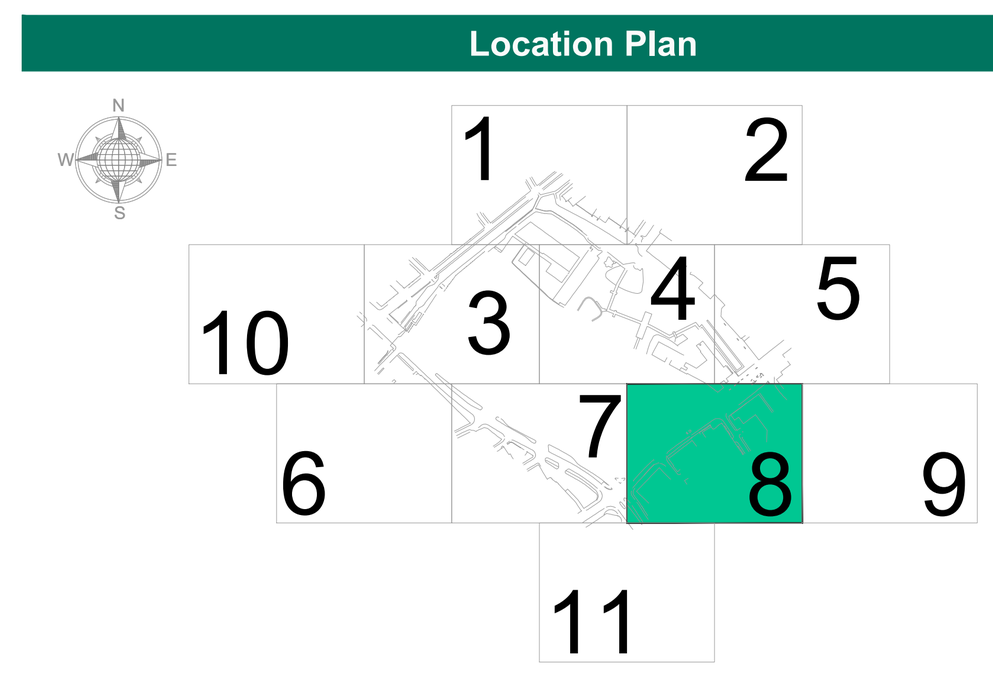
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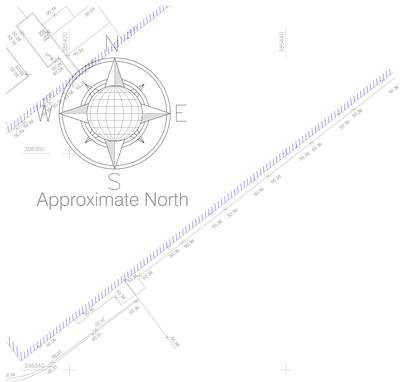
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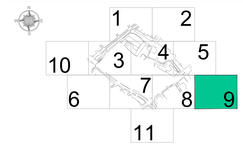
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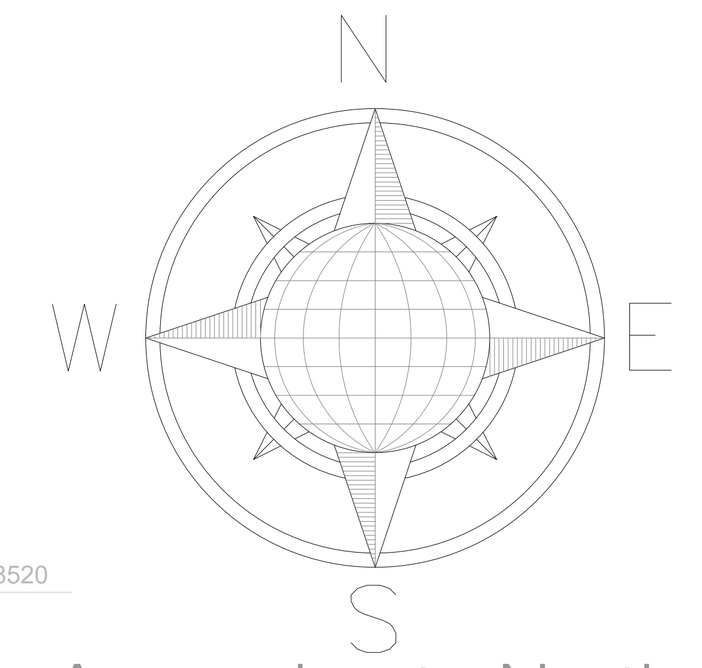
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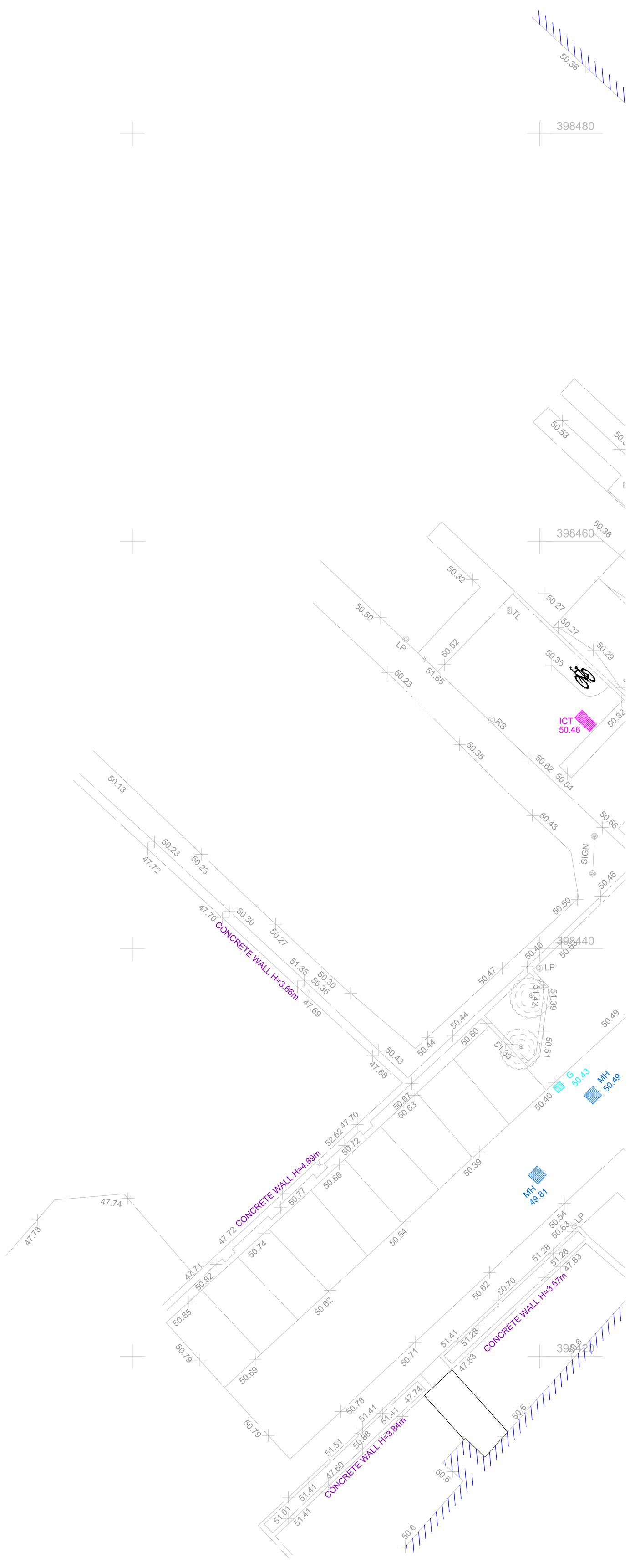
London Manchester Glasgow Belfast Cork Kildare

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Project	Ancoats Retail Park Redevelopment
Site Address	Great Ancoats Street Manchester M4 6DJ
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RICS Band	Band F
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Drawing Number	MGS46696-UT-09-RevE

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Approximate North



LEGEND

Utility Survey Point Features

FH	Fire Hydrant	ICE	IC - Electric	MHF	MH - Foul
GV	Gas Valve	ICR	IC - Round	MH	MH - Round
G	Gully	ICT	IC - Telecom	MHS	MH - Surface Water
G	Gully Round	ICTC	IC - Traffic	SC	Stop Cock
IC	Inspection Cover	ICTV	IC - CATV	WM	Water Meter
ICC	IC - Comms	MH	Manhole	WV	Water Valve

Utility Survey Linework Features

Communications

BT	British Telecom
CATV	Cable TV
CCTV	Closed Circuit TV
COMMS	Communications
FOL	Fibre Optic Line
FOLC	Fibre Optic Line - Colt
FOLE	Fibre Optic Line - Energis
FOLF	Fibre Optic Line - Fibernet
FOLL	Fibre Optic Line - Level 3
FOLM	Fibre Optic Line - Mercury
FOLMF	Fibre Optic Line - MFSC
FOLT	Fibre Optic Line - Tanet
FOLV	Fibre Optic Line - Virgin
FOLVF	Fibre Optic Line - Vodafone
FOLVN	Fibre Optic Line - Verizon
FOLW	Fibre Optic Line - WCOM
TS	Telecom Service

Drainage

CW	Combined Water
FW	Foul Water
SW	Surface Water

Water

FRW	Fire Water
RM	Rising Main
WM	Water Main
WS	Water Service

Electrical

E	Electrical Service
EE	Electrical Earth
LV	Electrical - Low Volt
HV	Electrical - High Volt
EHV	Electrical - Extra High Volt
TFL	Electrical - TFL
SL	Street Lighting
TCSU	Traffic Control System Unit

Gas

G	Gas Service
GLP	Gas Low Pressure
GIP	Gas Intermediate Pressure
GMP	Gas Medium Pressure
GHP	Gas High Pressure

GPR + Unknown

ED	Empty Duct
GPR	GPR Anomaly
UA	Unknown Asset
UAPS	UA Passive Sweep
UCL	Unknown Cable
	GPR Slab
	GPR Survey Area

Other

	Manhole Chamber
	Manhole ID
PE	Pot End
XX (AS)	Assumed Service
	Scope of Works

PAS128 Quality Levels

(Consult document 'PAS128:2014.pdf' for full details)

XX - A	Quality Level A	XX - B3	Quality Level B3
XX - B1	Quality Level B1	XX - B3P	Quality Level B3P
XX - B1P	Quality Level B1P	XX - B4	Quality Level B4
XX - B2	Quality Level B2	XX - C	Quality Level C
XX - B2P	Quality Level B2P	XX - D	Quality Level D

Special Survey Features

DATUM 12.24	Datum Point	ID E=XXXX.XXX N=YYYY.YYY H=ZZZ.ZZZ	Survey Station
	Photo Point	ID E=XXXX.XXX N=YYYY.YYY H=ZZZ.ZZZ	Scan Target
	Panoramic Photo Point		

Utility Survey Abbreviations

AB	Abandoned	FLD	Flooded	TFR	Taken From Records
BLD	Blocked	IL	Invert Level	UTO	Unable to Open
CL	Cover Level	NT	No Trace	UTS	Unable to Survey
CUT	Disconnect Utility	OE	Overhead Electric	UKN	Unknown
EOG	End of GPR Signal	OT	Overhead Telecom	WL	Water Level
EOT	End of Trace	P	Pilot	XXd	Service Depth - Grd to Top of Service
FOS	Full of Silt	SOF	Soffit Level		

Utility Material Abbreviations

AC	Asbestos Cement	CC	Concrete Chamber	SI	Spun Iron
BC	Brick Chamber	DI	Ductile Iron	ST	Steel
CI	Cast Iron	PE	Polyethylene	WTR	Water

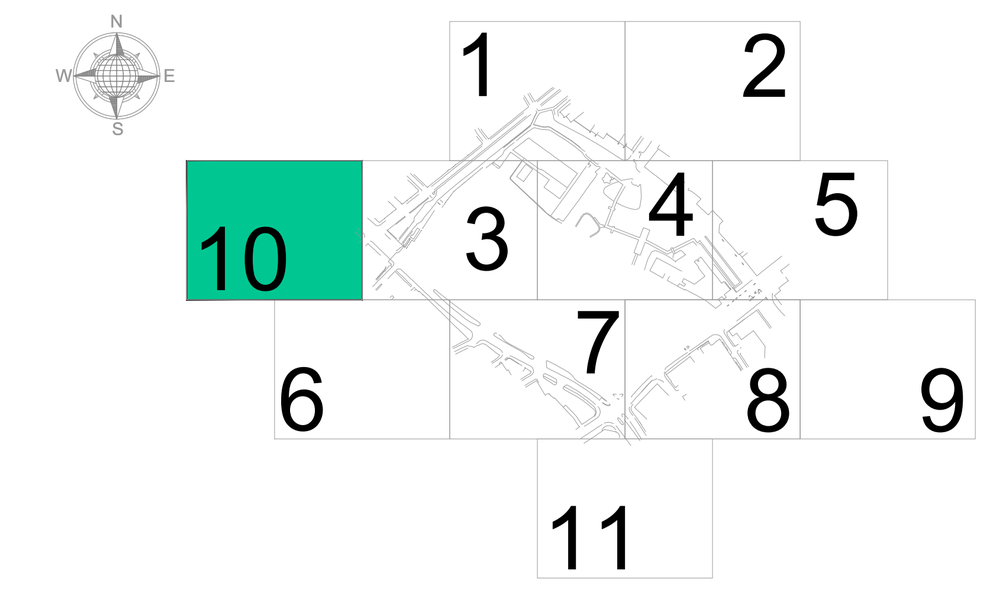
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LEGEND

Utility Survey Point Features

Code	Feature	Code	Feature	Code	Feature
FH	Fire Hydrant	ICE	IC - Electric	MHF	MH - Foul
GV	Gas Valve	ICR	IC - Round	MH	MH - Round
G	Gully	ICT	IC - Telecom	MHS	MH - Surface Water
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IC	Inspection Cover	ICTV	IC - CATV	WM	Water Meter
ICC	IC - Comms	MH	Manhole	WV	Water Valve

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Communications
- BT — British Telecom
- CATV — Cable TV
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- FOLF — Fibre Optic Line - Fibernet
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- FOLM — Fibre Optic Line - Mercury
- FOLMF — Fibre Optic Line - MFSC
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GPR + Unknown
- ED — Empty Duct
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- UCL — Unknown Cable
- GPR Slab
- GPR Survey Area

Other
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- Manhole ID
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- XX (AS) — Assumed Service
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XX - B2P	Quality Level B2P	XX - D	Quality Level D

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- Panoramic Photo Point
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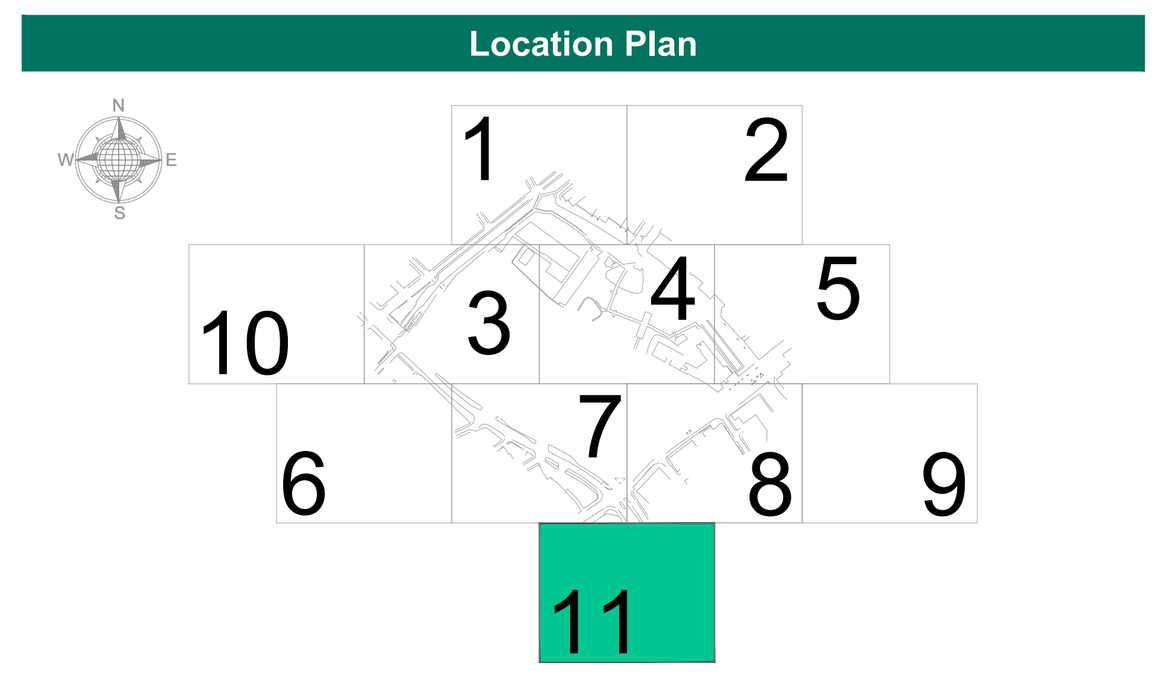
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LEGEND

Topographic Linework Features

- Air-Con Unit (ACU)
- Barrier
- Beam Line
- Bench
- Bin
- Bollard Illuminated
- Bollard
- Bridge
- Building Facade
- Building
- Bus Stop Shelter
- Cable Trough
- Canopy
- Ceiling Line
- Centre Line
- Column
- Column Bottom Line
- Column Top Line
- Concrete Base/Slab
- Contour Major
- Contour Minor
- Cycle Lane
- Ditch
- Door
- Duct
- Electric Box (EBOX)
- Fence
- Fixture
- Flowerbed
- Footpath
- Grating
- Grid Line
- Hand Rail
- Hedge
- Hoarding
- Kerb Bottom
- Kerb Drop
- Kerb Top
- Lake
- Land Drain
- Lift
- Opening - Slab
- Overhang
- Overhead Cables
- Parapet
- Partition
- Parking Meter (PM)
- Pipe Line
- Platform Train/Tram
- Plinth
- Pond
- Post-box
- Rail
- Ramp
- Red Line Dashed
- Red Line Solid
- Red Line Double
- River Edge
- Road Edge
- Road Scar Line
- Road Text
- Roof
- Sanitary
- Service
- Sky Light
- Slope Bottom
- Slope Top
- Slot Drain
- Speed Bump
- Steel Cladding
- Steel Structure
- Step Line
- Surface Change
- Tank
- Telephone Box (TB)
- Ticket Machine(TVM)
- Toilet
- Top of Fence Line
- Top of Wall Line
- Track
- Traffic Ctrl Box(TCB)
- Tree Drip Line
- Tree Line
- Trial Pit
- Vegetation Line
- Vent
- Verge Line
- Wall Line
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Topographic Point Features

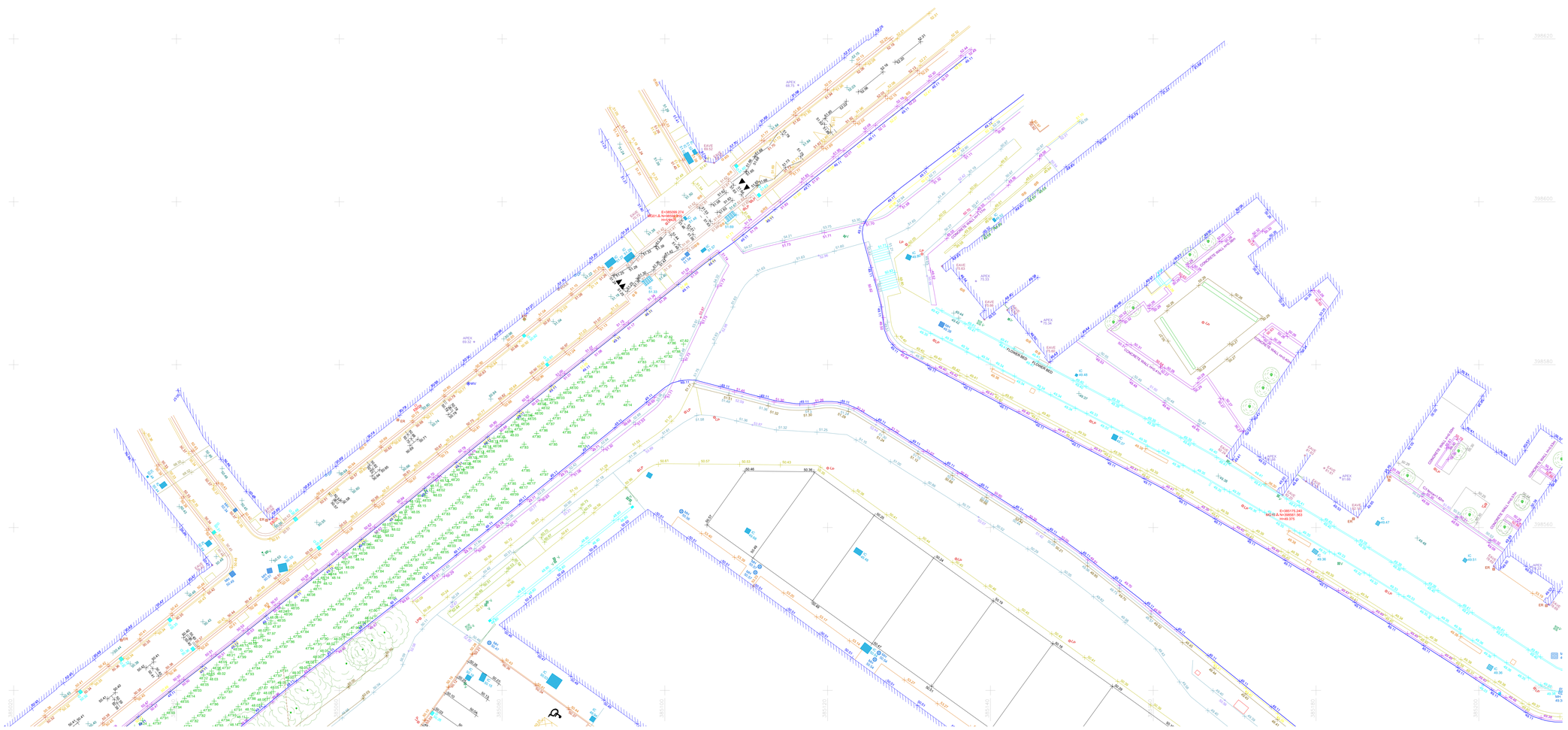
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- Bed Level
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- Bollard
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- Bush
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- Valve General
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Special Features

- Datum Point
- Photo Point
- Panoramic Photo Point
- Survey Station
- Scan Target

Fence Types

B/W	Barbed Wire	C/L	Chain Link	O/B	Open Boarded
C/B	Close Boarded	H	Heras	P/W	Post and Wire
C/I	Corrugated Iron	I/R	Iron Railings	P/R	Post and Rail



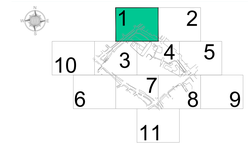
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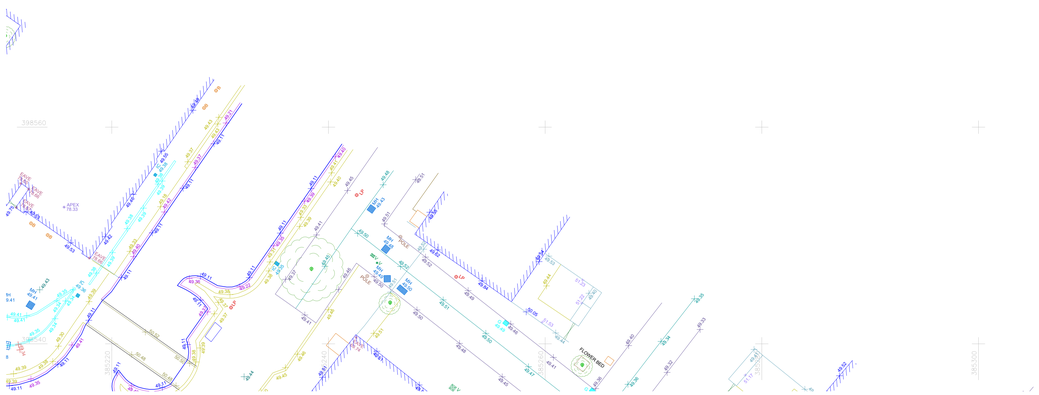
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- AV — Air Valve
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- G 12.24 — Gully Round
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- ICTV 12.24 — IC - CATV
- ICC 12.24 — IC - Comms
- ICE 12.24 — IC - Electric
- IC 12.24 — IC - Round
- ICT 12.24 — IC - Telecom
- ICTC 12.24 — IC - Traffic
- I 12.24 — Invert Level
- LP — Lamp Post
- MH 12.24 — Manhole
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- POLE — Pole
- POST — Post
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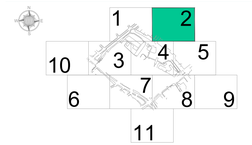
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Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
RICS Band	Band F
Drawing Scale	1:200 @ A0
Drawing Number	MGS46696-T-02-RevE

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N
W E
S
Approximate North

LEGEND

Topographic Linework Features

- Air-Con Unit (ACU)
- Barrier
- Beam Line
- Bench
- Bin
- Bollard Illuminated
- Bollard
- Bridge
- Building Facade
- Building
- Bus Stop Shelter
- Cable Trough
- Canopy
- Ceiling Line
- Centre Line
- Column
- Column Bottom Line
- Column Top Line
- Concrete Base/Slab
- Contour Major
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- Electric Box (EBOX)
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- Flowerbed
- Footpath
- Grating
- Grid Line
- Hand Rail
- Hedge
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- Kerb Bottom
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- Opening - Slab
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- Parapet
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- Parking Meter (PM)
- Pipe Line
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- Speed Bump
- Steel Cladding
- Steel Structure
- Step Line
- Surface Change
- Tank
- Telephone Box (TB)
- Ticket Machine(TVM)
- Toilet
- Top of Fence Line
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- Track
- Traffic Ctrl Box(TCB)
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- Vent
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- Wall Line
- Window
- Window Glazing
- White Line Dashed
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Topographic Point Features

- Air Valve
- Apex Building
- Bed Level
- Belisha Beacon
- Bollard
- Bolt
- Borehole
- Bush
- CCTV Camera Pole
- Ceiling Elevation
- Dipole
- Earth Rod
- Eave
- Electrical Pole
- Fire Hydrant
- Floor Level
- Gas Meter
- Gas Valve
- Gate
- Gully
- Gully Round
- Inspection Cover
- IC - CATV
- IC - Comms
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- IC - Round
- IC - Telecom
- IC - Traffic
- Invert Level
- Lamp Post
- Manhole
- MH - Foul
- MH - Round
- MH - Surface Water
- Marker Post
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- Pipe - Down
- Pole
- Post
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- Valve General
- Water Level
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Special Features

- Datum Point
- Photo Point
- Panoramic Photo Point
- Survey Station (ID, E=XXXX.XXX N=YYYY.YYY H=ZZZ.ZZZ)
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Fence Types

B/W	Barbed Wire	C/L	Chain Link	O/B	Open Boarded
C/B	Close Boarded	H	Heras	P/W	Post and Wire
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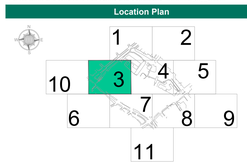
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Location Plan



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LEGEND

Topographic Linework Features

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- Barrier
- Beam Line
- Bench
- Bin
- Bollard Illuminated
- Bollard
- Bridge
- Building Facade
- Building
- Bus Stop Shelter
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- Window Glazing
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Topographic Point Features

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- Tree Deciduous
- Tree Trunk
- Valve General
- Water Level
- Water Meter
- Water Valve

Special Features

- Datum Point
- Photo Point
- Panoramic Photo Point
- Survey Station
- Scan Target

Fence Types

B/W	Barbed Wire	C/L	Chain Link	O/B	Open Boarded
C/B	Close Boarded	H	Heras	P/W	Post and Wire
C/I	Corrugated Iron	I/R	Iron Railings	P/R	Post and Rail

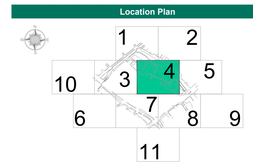
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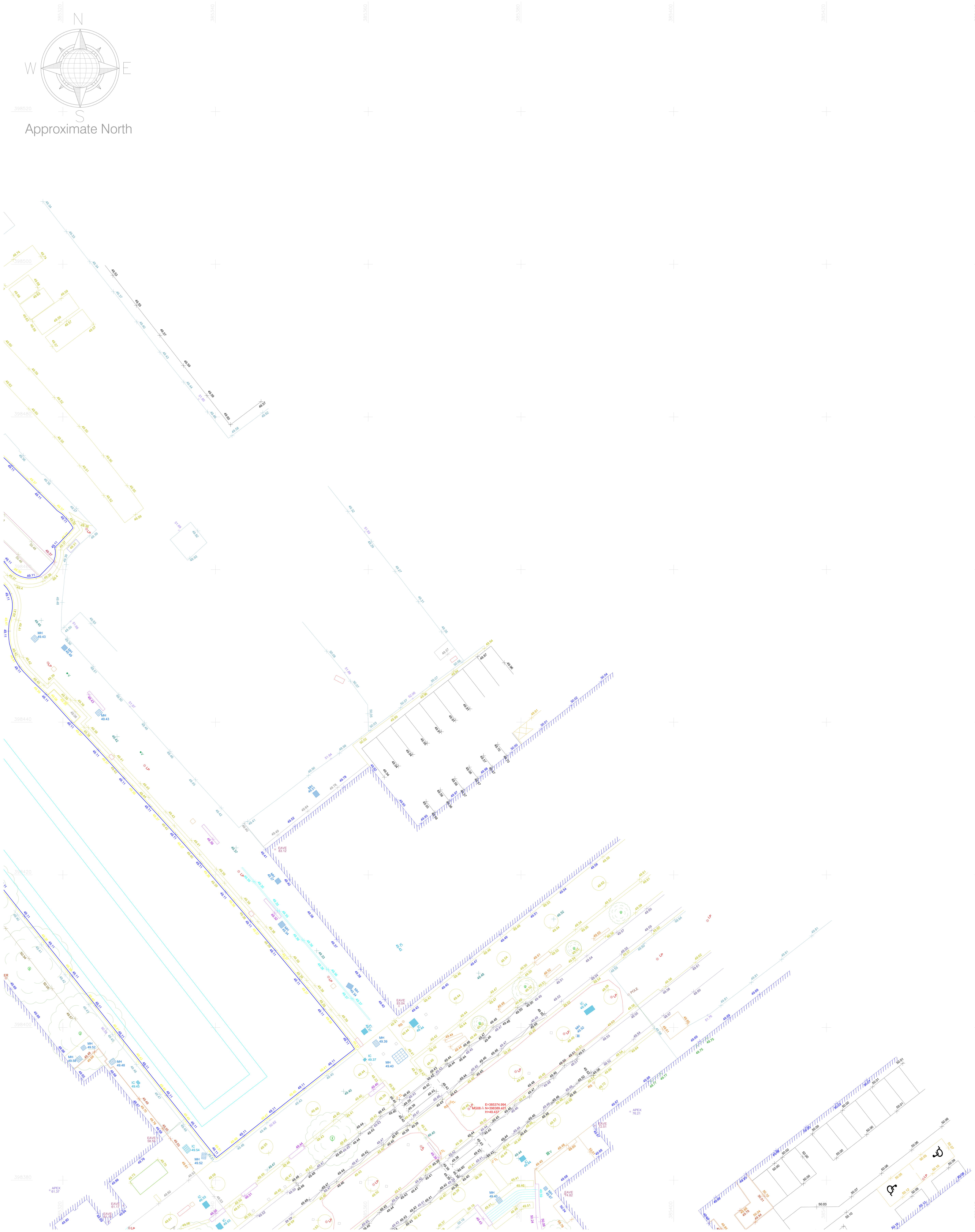
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RICS Band	Band F
Drawing Scale	1:200 @ A0
Drawing Number	MGS46696-T-04-RevE

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LEGEND

Topographic Linework Features

Air-Con Unit (ACU)
Barrier
Beam Line
Bench
Bin
Bollard Illuminated
Bollard
Bridge
Building Facade
Building
Bus Stop Shelter
Cable Trough
Canopy
Ceiling Line
Centre Line
Column
Column Bottom Line
Column Top Line
Concrete Base/Slab
Contour Major
Contour Minor
Cycle Lane
Ditch
Door
Duct
Electric Box (EBOX)
Fence
Fixture
Flowerbed
Footpath
Grating
Grid Line
Hand Rail
Hedge
Hoarding
Kerb Bottom
Kerb Drop
Kerb Top
Lake
Land Drain
Lift
Opening - Slab
Overhang
Overhead Cables
Parapet
Partition
Parking Meter (PM)
Pipe Line
Platform Train/Tram
Plinth
Pond
Post-box
Rail
Ramp
Red Line Dashed
Red Line Solid
Red Line Double
River Edge
Road Edge
Road Scar Line
Road Text
Roof
Sanitary
Service
Sky Light
Slope Bottom
Slope Top
Slot Drain
Speed Bump
Steel Cladding
Steel Structure
Step Line
Surface Change
Tank
Telephone Box (TB)
Ticket Machine(TVM)
Toilet
Top of Fence Line
Top of Wall Line
Track
Traffic Ctrl Box(TCB)
Tree Drip Line
Tree Line
Trial Pit
Vegetation Line
Vent
Verge Line
Wall Line
Window
Window Glazing
White Line Dashed
White Line Double
White Line Solid
Yellow Line Dashed
Yellow Line Double
Yellow Line Solid

Topographic Point Features

Code	Feature	Code	Feature	Code	Feature
AV	Air Valve	IC 12.24	Inspection Cover	RS	Road Sign
APEX 12.24	Apex Building	ICTV 12.24	IC - CATV	RE	Rodding Eye
BL 12.24	Bed Level	ICC 12.24	IC - Comms	SA 12.24	Sector Antenna
BB	Belisha Beacon	ICE 12.24	IC - Electric	SIGN	Sign (General)
B	Bollard	ICR 12.24	IC - Round	SOF 12.24	Soffit Level
BOLT 12.24	Bolt	ICT 12.24	IC - Telecom	12.24	Spot Height
BH 12.24	Borehole	ICTC 12.24	IC - Traffic	SC	Stop Cock
	Bush	IL 12.24	Invert Level	TP	Telegraph Pole
CP	CCTV Camera Pole	LP	Lamp Post	T12.24	Top of Fence Level
CE 12.24	Ceiling Elevation	MH 12.24	Manhole	T12.24	Top of Tree Level
DP 12.24	Dipole	MHF 12.24	MH - Foul	T12.24	Top of Wall Level
ER	Earth Rod	MH 12.24	MH - Round	TL	Traffic Light
EAVE 12.24	Eave	MHS 12.24	MH - Surface Water		Tree (TX.XX SX.XX) T=Trunk Radius(m) S=Spread Radius(m)
EP	Electrical Pole	MK 12.24	Marker Post		Tree Coniferous
FH	Fire Hydrant	MW 12.24	Microwave Dish		Tree Deciduous
FL 12.24	Floor Level	DP	Pipe - Down	TT	Tree Trunk
GM	Gas Meter	POLE	Pole	V	Valve General
GV	Gas Valve	POST	Post	WL 12.24	Water Level
	Gate			WM	Water Meter
G 12.24	Gully			WV	Water Valve
G 12.24	Gully Round				

Special Features

Symbol	Feature	Symbol	Feature
DATUM 12.24	Datum Point	ID E=XXXX.XXX N=YYYY.YYY H=ZZZ.ZZZ	Survey Station
	Photo Point		
	Panoramic Photo Point	ID E=XXXX.XXX N=YYYY.YYY H=ZZZ.ZZZ	Scan Target

Fence Types

B/W	Barbed Wire	C/L	Chain Link	O/B	Open Boarded
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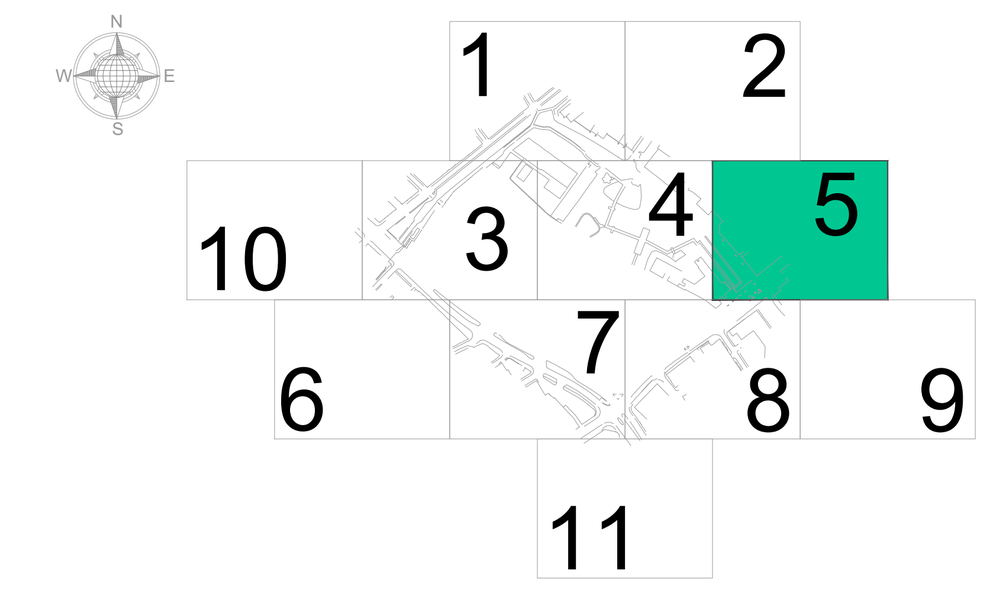
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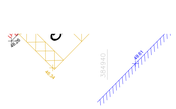
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RICS
ISO 9001 CERTIFIED
ISO 14001 CERTIFIED
OHSAS 18001 CERTIFIED

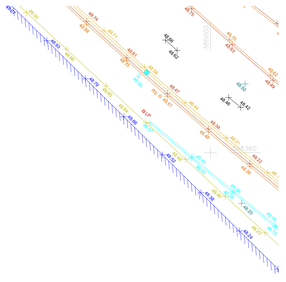
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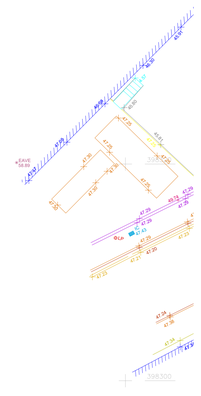
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- IC - Round
- IC - Telecom
- IC - Traffic
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- Microwave Dish
- Pipe - Down
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- Post
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- Photo Point
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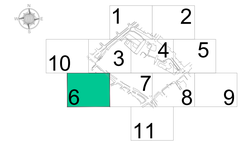
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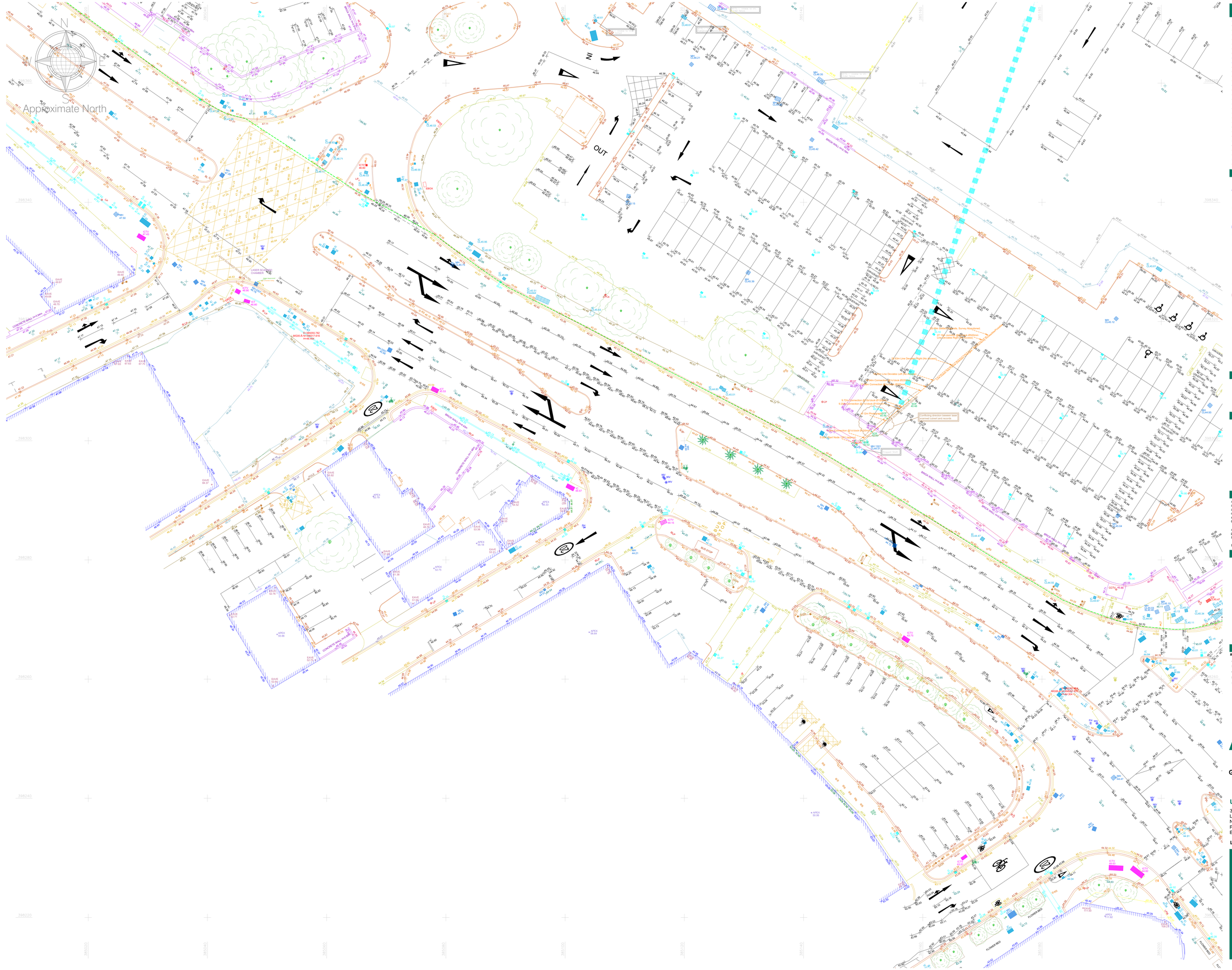
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London Manchester Glasgow Belfast Cork Kildare

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Site Address	Great Ancoats Street Manchester M4 6DJ
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Survey Grid	OSGB36(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
RICS Band	Band F
Drawing Scale	1:200 @ A0
Drawing Number	MGS46696-T-06-RevE

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LEGEND

Topographic Linework Features

- Air-Con Unit (ACU)
- Barrier
- Beam Line
- Bench
- Bin
- Bollard Illuminated
- Bollard
- Bridge
- Building Facade
- Building
- Bus Stop Shelter
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- Cycle Lane
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- Fence
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- DATUM Datum Point
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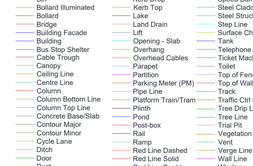
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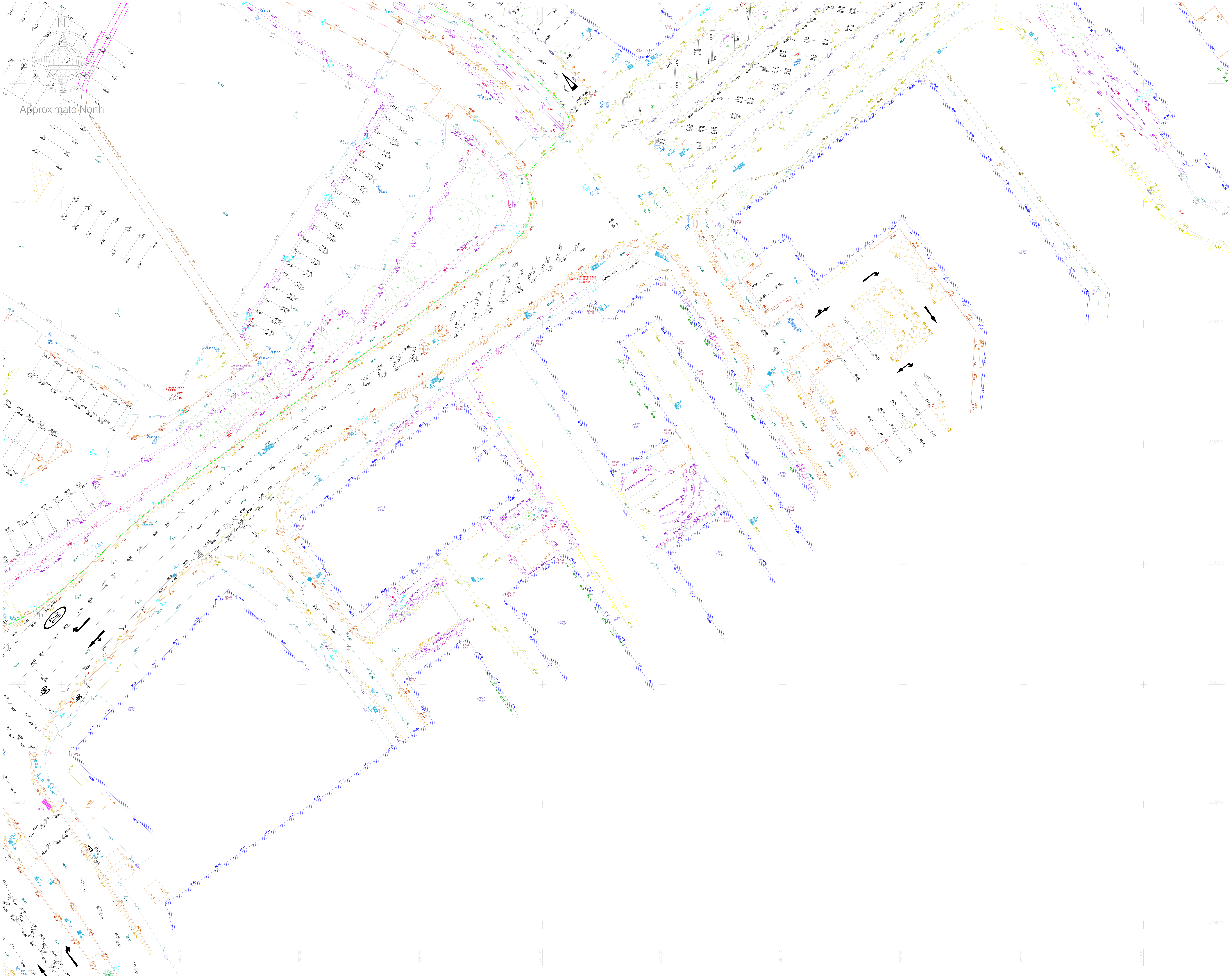
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LEGEND

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Beam Line	Hoarding	Slope Top
Bench	Kerb Bottom	Slot Drain
Bin	Kerb Drop	Speed Bump
Bollard Illuminated	Kerb Top	Steel Cladding
Bollard	Lake	Steel Structure
Bridge	Land Drain	Step Line
Building Facade	Lift	Surface Change
Building	Opening - Slab	Tank
Bus Stop Shelter	Overhang	Telephone Box (TB)
Cable Trough	Overhead Cables	Ticket Machine(TVM)
Canopy	Parapet	Toilet
Ceiling Line	Partition	Top of Fence Line
Centre Line	Parking Meter (PM)	Top of Wall Line
Column	Pipe Line	Track
Column Bottom Line	Platform Train/Tram	Traffic Ctrl Box(TCB)
Column Top Line	Plinth	Tree Drip Line
Concrete Base/Slab	Pond	Tree Line
Contour Major	Post-box	Trial Pit
Contour Minor	Rail	Vegetation Line
Cycle Lane	Ramp	Vent
Ditch	Red Line Dashed	Verge Line
Door	Red Line Solid	Wall Line
Duct	Red Line Double	Window
Electric Box (EBOX)	River Edge	Window Glazing
Fence	Road Edge	White Line Dashed
Fixture	Road Scar Line	White Line Double
Flowerbed	Road Text	White Line Solid
Footpath	Roof	Yellow Line Dashed
Grating	Sanitary	Yellow Line Double
Grid Line	Service	Yellow Line Solid

Topographic Point Features

AV Air Valve	IC 12.24 Inspection Cover	RS Road Sign
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BB Belisha Beacon	ICE 12.24 IC - Electric	SIGN Sign (General)
B Bollard	ICR 12.24 IC - Round	SOF 12.24 Soffit Level
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CP CCTV Camera Pole	LP Lamp Post	T12.24 Top of Fence Level
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FL 12.24 Floor Level	DP Pipe - Down	TT Tree Trunk
GM Gas Meter	POLE Pole	V Valve General
GV Gas Valve	POST Post	WL 12.24 Water Level
Gate		WM Water Meter
G 12.24 Gully		WV Water Valve
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Special Features

DATUM 12.24 Datum Point	ID E=XXXX.XXX N=YYYY.YYY H=ZZZ.ZZZ Survey Station
Photo Point	
Panoramic Photo Point	ID E=XXXX.XXX N=YYYY.YYY H=ZZZ.ZZZ Scan Target

Fence Types

B/W Barbed Wire	C/L Chain Link	O/B Open Boarded
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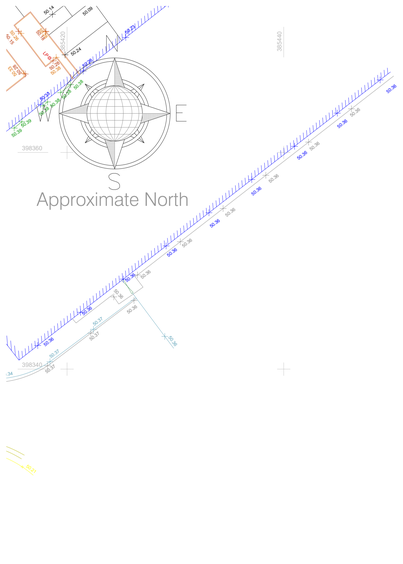
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ices Approved Development Partner RICS ISO 9001 CERTIFIED ISO 14001 CERTIFIED OHSAS 18001 CERTIFIED

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LEGEND

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- Barrier
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- Bin
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- Bollard
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Topographic Point Features

- AV — Air Valve
- APEX — Apex Building
- BL 12.24 — Bed Level
- BB — Belisha Beacon
- B — Bollard
- BOLT — Bolt
- BH 12.24 — Borehole
- Bush
- CP — CCTV Camera Pole
- CE 12.24 — Ceiling Elevation
- DP 12.24 — Dipole
- ER — Earth Rod
- EAVE 12.24 — Eave
- EP — Electrical Pole
- FH — Fire Hydrant
- FL 12.24 — Floor Level
- GM — Gas Meter
- GV — Gas Valve
- Gate
- G 12.24 — Gully
- G 12.24 — Gully Round
- IC — Inspection Cover
- ICTV 12.24 — IC - CATV
- ICC 12.24 — IC - Comms
- ICE 12.24 — IC - Electric
- IC 12.24 — IC - Round
- ICT 12.24 — IC - Telecom
- ICTC 12.24 — IC - Traffic
- IL 12.24 — Invert Level
- LP — Lamp Post
- MH 12.24 — Manhole
- MHF 12.24 — MH - Foul
- MH 12.24 — MH - Round
- MHS 12.24 — MH - Surface Water
- MK 12.24 — Marker Post
- MW 12.24 — Microwave Dish
- DP — Pipe - Down
- POLE — Pole
- POST — Post
- RS — Road Sign
- RE — Rodding Eye
- SA 12.24 — Sector Antenna
- SIGN — Sign (General)
- SOF 12.24 — Soffit Level
- 12.24 — Spot Height
- SC — Stop Cock
- TP — Telegraph Pole
- T12.24 — Top of Fence Level
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- Tree (TX.XX SX.XX) T=Trunk Radius(m) S=Spread Radius(m)
- Tree Coniferous
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- V — Valve General
- WL 12.24 — Water Level
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Special Features

- DATUM 12.24 — Datum Point
- Photo Point
- Panoramic Photo Point
- ID — E=XXXX.XXX N=YYYY.YYY H=ZZZ.ZZZ — Survey Station
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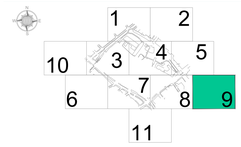
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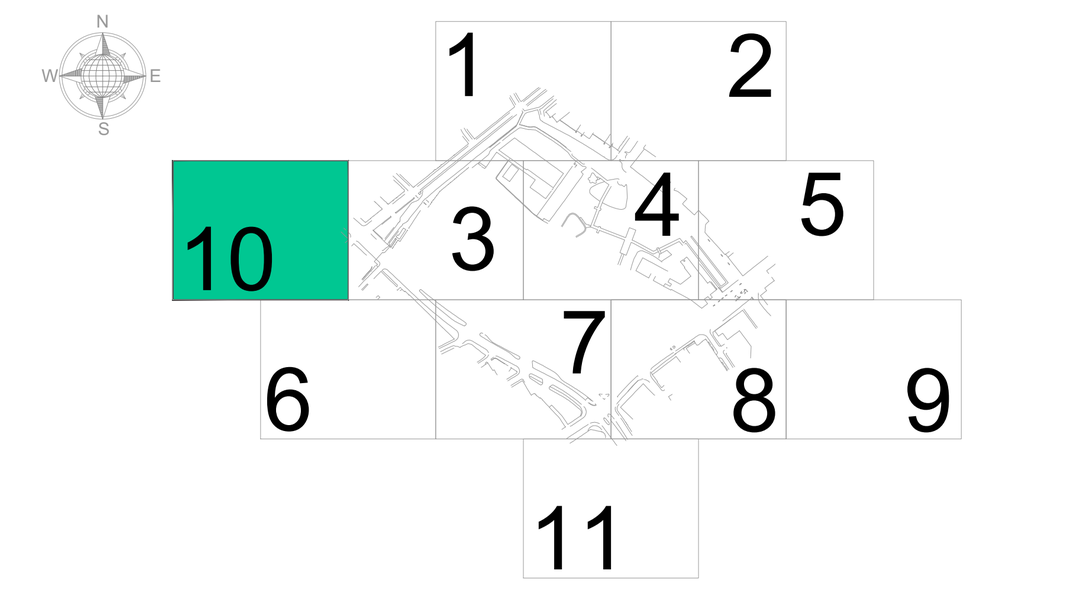
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- Column Top Line
- Concrete Base/Slab
- Contour Major
- Contour Minor
- Cycle Lane
- Ditch
- Door
- Duct
- Electric Box (EBOX)
- Fence
- Fixture
- Flowerbed
- Footpath
- Grating
- Grid Line
- Hand Rail
- Hedge
- Hoarding
- Kerb Bottom
- Kerb Drop
- Kerb Top
- Lake
- Land Drain
- Lift
- Opening - Slab
- Overhang
- Overhead Cables
- Parapet
- Partition
- Parking Meter (PM)
- Pipe Line
- Platform Train/Tram
- Plinth
- Pond
- Post-box
- Rail
- Ramp
- Red Line Dashed
- Red Line Solid
- Red Line Double
- River Edge
- Road Edge
- Road Scar Line
- Road Text
- Roof
- Sanitary
- Service
- Sky Light
- Slope Bottom
- Slope Top
- Slot Drain
- Speed Bump
- Steel Cladding
- Steel Structure
- Step Line
- Surface Change
- Tank
- Telephone Box (TB)
- Ticket Machine(TVM)
- Toilet
- Top of Fence Line
- Top of Wall Line
- Track
- Traffic Ctrl Box(TCB)
- Tree Drip Line
- Tree Line
- Trial Pit
- Vegetation Line
- Vent
- Verge Line
- Wall Line
- Window
- Window Glazing
- White Line Dashed
- White Line Double
- White Line Solid
- Yellow Line Dashed
- Yellow Line Double
- Yellow Line Solid

Topographic Point Features

- AV Air Valve
- APEX 12.24 Apex Building
- BL 12.24 Bed Level
- BB Belisha Beacon
- B Bollard
- BOLT 12.24 Bolt
- BH 12.24 Borehole
- Bush
- CP CCTV Camera Pole
- CE 12.24 Ceiling Elevation
- DP 12.24 Dipole
- ER Earth Rod
- EAVE 12.24 Eave
- EP Electrical Pole
- FH Fire Hydrant
- FL 12.24 Floor Level
- GM Gas Meter
- GV Gas Valve
- Gate
- G 12.24 Gully
- G 12.24 Gully Round
- IC 12.24 Inspection Cover
- ICTV 12.24 IC - CATV
- ICC 12.24 IC - Comms
- ICE 12.24 IC - Electric
- ICR 12.24 IC - Round
- ICT 12.24 IC - Telecom
- ICTC 12.24 IC - Traffic
- IL 12.24 Invert Level
- LP Lamp Post
- MH 12.24 Manhole
- MHF 12.24 MH - Foul
- MH 12.24 MH - Round
- MHS 12.24 MH - Surface Water
- MK 12.24 Marker Post
- MW 12.24 Microwave Dish
- DP Pipe - Down
- POLE Pole
- POST Post
- RS Road Sign
- RE Rodding Eye
- SA 12.24 Sector Antenna
- SIGN Sign (General)
- SOF 12.24 Soffit Level
- 12.24 Spot Height
- SC Stop Cock
- TP Telegraph Pole
- T12.24 Top of Fence Level
- T12.24 Top of Tree Level
- T12.24 Top of Wall Level
- TL Traffic Light
- Tree (TX.XX SX.XX) T=Trunk Radius(m) S=Spread Radius(m)
- Tree Coniferous
- Tree Deciduous
- TT Tree Trunk
- V Valve General
- WL 12.24 Water Level
- WM Water Meter
- WV Water Valve

Special Features

- DATUM 12.24 Datum Point
- Photo Point
- Panoramic Photo Point
- ID E=XXXX.XXX N=YYYY.YYY H=ZZZ.ZZZ Survey Station
- ID E=XXXX.XXX N=YYYY.YYY H=ZZZ.ZZZ Scan Target

Fence Types

B/W	Barbed Wire	C/L	Chain Link	O/B	Open Boarded
C/B	Close Boarded	H	Heras	P/W	Post and Wire
C/I	Corrugated Iron	I/R	Iron Railings	P/R	Post and Rail

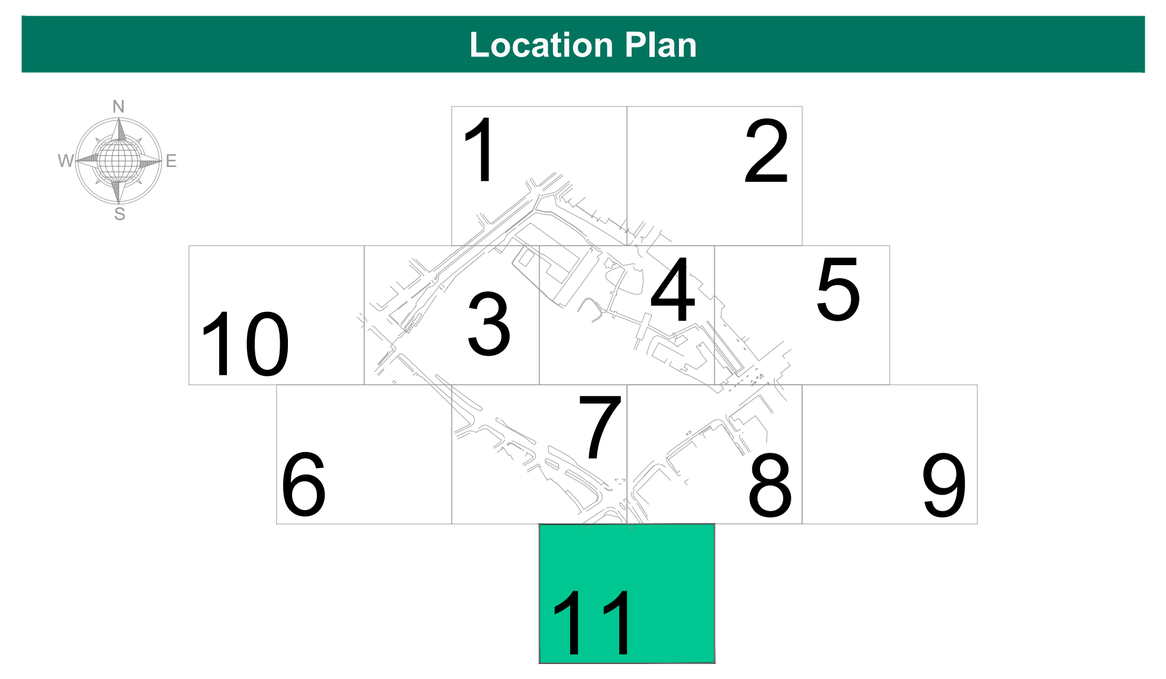
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Location Plan



Revisions

Rev	Description	Surveyed by	Drawn by	Checked by
A	First Issue	PW - 13/10/22	SH - 14/10/22	MM - 14/10/22
B	Sewers update post laser scan	PW - 13/10/22	SH - 14/10/22	MM - 03/11/22
C	Sewers update - 0503 Combined Run Updated inc. CCTV Survey Data	DH - 08/08/23	SH - 23/08/23	WV - 28/08/23
D	Sewers update - 1301 CCTV Run Added To Show Report Details (P07)	DH - 08/08/23	SH - 20/09/23	WV - 21/09/23
E	Sewers update - MH0307 Details Added (P07)	DH - 08/08/23	SH - 26/09/23	WV - 28/09/23

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London Manchester Glasgow Belfast Cork Kildare

Client	Atkins Global
Project	Ancoats Retail Park Redevelopment
Site Address	Great Ancoats Street Manchester M4 6DJ
Description	Underground Utility Survey(PAS128)
Survey Grid	OSGB36(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
RICS Band	Band F
Drawing Scale	1:200 @ A0
Drawing Number	MGS46696-T-11-RevE

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