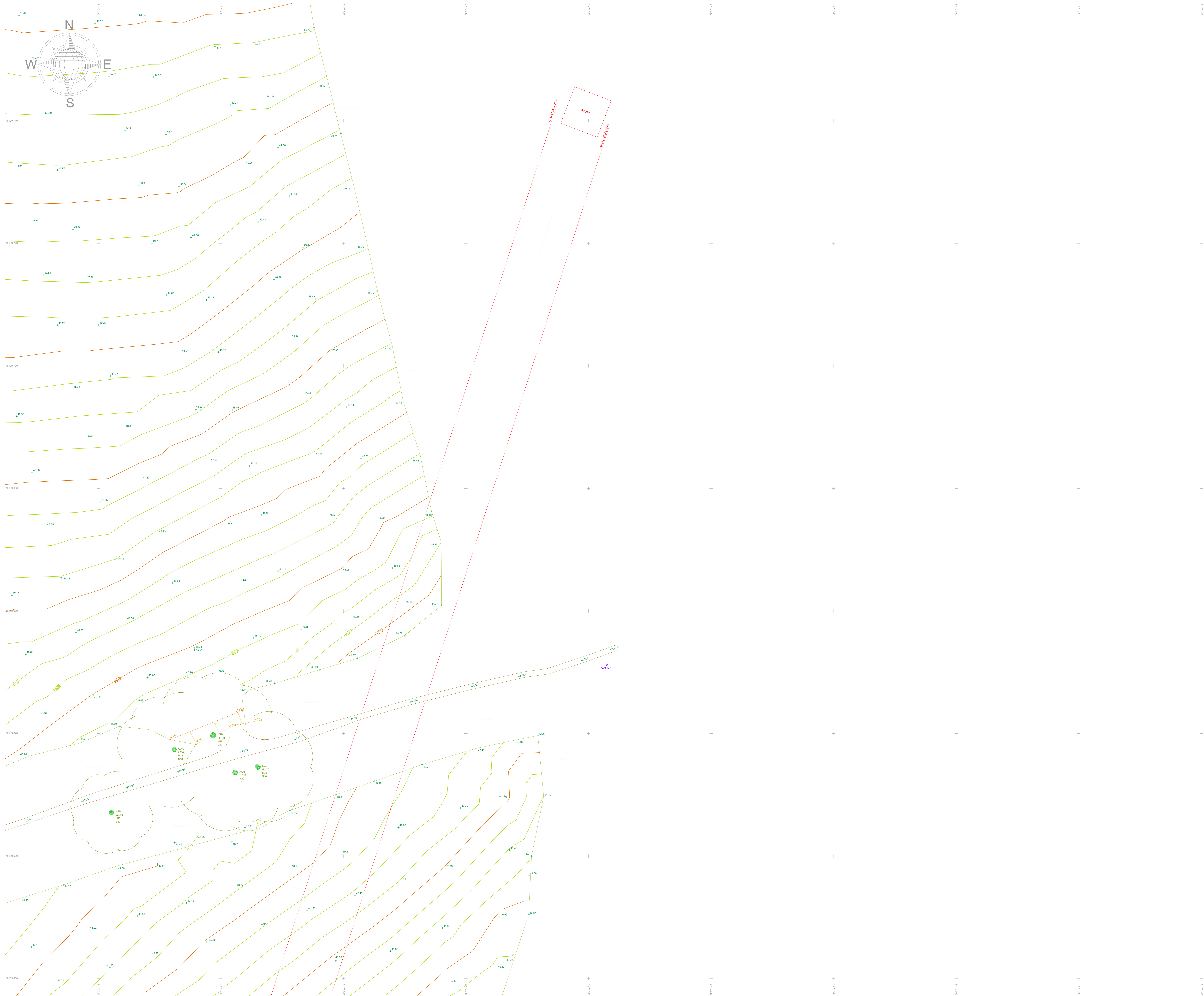




LEGEND		
Topographic Linework Features		
Air-Con Unit (ACU)	Hand Rail	Sky Light
Barrier	Hedge	Slope Bottom
Beam Line	Hoarding	Slope Top
Bench	Kerb Bottom	Slab Drain
Bin	Kerb Drop	Speed Bump
Bollard Illuminated	Kerb Top	Steel Cladding
Bollard	Lake	Steel Structure
Bridge	Land Drain	Step Line
Building Facade	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	Trials 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	Road	Yellow Line Dashed
Grating	Sanitary	Yellow Line Double
Grid Line	Service	Yellow Line Solid

Topographic Point Features		
AY Air Valve	IC Inspection Cover	RS Road Sign
APLX Apex Building	IC - CATV	RE Rodding Eye
BL Bed Level	IC - Comms	SA Sector Antenna
BB Belisha Beacon	IC - Electric	SIGN Sign (General)
B Bollard	IC - Round	SOF Soffit Level
BOLT Bolt	IC - Telecom	SH Spot Height
BH Borehole	IC - Traffic	SC Stop Cock
Bush	Invert Level	ST Telegraph Pole
CC CCTV Camera Pole	Lamp Post	T12.24 Top of Fence Level
CE Ceiling Elevation	Manhole	T12.24 Top of Tree Level
CF Cripple	MH - Foul	T12.24 Top of Wall Level
ER Earth Rod	MH - Round	TL Traffic Light
EAVE Eave	MH - Surface Water	Tree (TXXX SX-XX)
MA Mallet	Marker Post	Tree Trunk
EP Electrical Pole	MW Microwave Dish	Valve General
FL Floor Level	POLE Pole	WL Water Level
GM Gas Meter	POST Post	WM Water Meter
GV Gas Valve		WV Water Valve
Gate		
G Gully		
Gully Round		

Special Features		
DATUM Datum Point	E=XXXXXXX	
Photo Point	N=YYYYYYY	
Panoramic Photo Point	N=ZZZZZZZ	
	E=XXXXXXX	
	N=YYYYYYY	
	N=ZZZZZZZ	

Fence Types		
B/W Barbed Wire	CH Chain Link	OB Open Boarded
C/B Close Boarded	H Heras	P/W Post and Wire
CI Corrugated Iron	IR Iron Railings	P/R Post and Rail

Murphy Geospatial Disclaimer

All reasonable endeavours have been used to capture the required data in the survey to the agreed standards of accuracy. Where features have been distorted due to a lack of access, the areas will be annotated as 'UTS' (Unable To Survey). The Company shall not be liable for any damages or consequential losses arising from the reliance on survey information beyond its specified scale and accuracy, or survey information used for purposes other than that stated in the Contract of Works.

Any concerns with the survey should be raised with Murphy Geospatial, who will endeavour to promptly provide a remedy. The Client shall not seek recourse through any third party until such time as Murphy Geospatial have had the opportunity to address any concerns raised.

For full terms and conditions visit [Terms and Conditions](#) [www.murphygsg.com](#)

Location Plan		
	1	2
	3	4
	5	6
	7	8
10	11	12
13	14	15

Revisions				
Rev	Description	Surveyed by	Drawn by	Checked by
A	First Issue	CC - 28/06/21	CS - 06/12/21	AO - 06/12/21

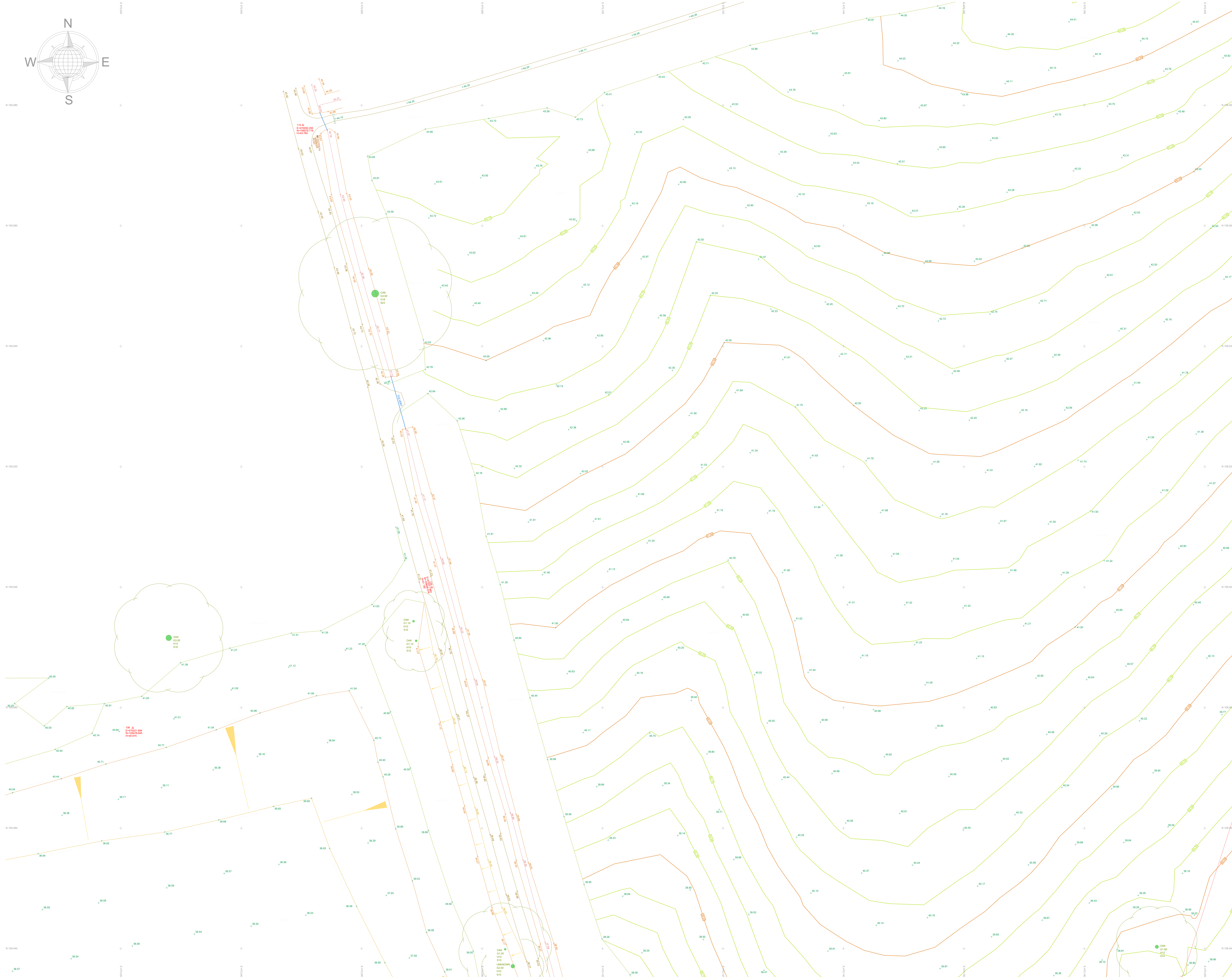


Geospatial certainty you can trust [murphygsg.com](#)

UK Head Office
39-41 North Road
London
N7 9DP
Phone: (+44) 0203 598 3775
Email: info@murphygsg.com

London **Manchester** **Glasgow** **Belfast** **Cork** **Kildare**

Client	Portsmouth City Council
Project	Dunsbury Park
Site Address	Fitzwygram Way Havant PO9 4EE
Description	Topographical Survey
Survey Grid	Localised OSGB36(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
RICS Band	Band F
Drawing Scale	1:200 @ A0
Drawing Number	MGS44680-T-04



LEGEND		
Topographic Linework Features		
Air-Con Unit (ACU)	Hand Rail	Sky Light
Barrier	Hedge	Slope Bottom
Beam Line	Hoarding	Slope Top
Bench	Kerb Bottom	Slab 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
Partition	Platform Train/Tram	Top of Fence Line
Centre Line	Parking Meter (PM)	Top of Wall Line
Column	Pipe Line	Track
Column Bottom Line	Plinth	Traffic Ctrl Box(TCB)
Column Top Line	Roof	Tree Drip Line
Concrete Base/Slab	Post-box	Tree Line
Contour Major	Ramp	Vegetation Line
Contour Minor	Red Line Dashed	Verge Line
Cycle Lane	Red Line Solid	Wall Line
Ditch	Red Line Double	Window
Door	River Edge	Window Glazing
Duct	Road Edge	White Line Dashed
Electric Box (EBOX)	Road Scar Line	White Line Double
Fence	Road Text	White Line Solid
Fixture	Roof	Yellow Line Dashed
Flowerbed	Sanitary	Yellow Line Double
Footpath	Service	Yellow Line Solid
Grating		
Grid Line		

Topographic Point Features					
AV	Air Valve	IC	Inspection Cover	RS	Road Sign
AP	Apex Building	ICATV	IC - CATV	RE	Rodding Eye
BL	Bed Level	IC - Comms	SA	Sector Antenna	
12.24	Belisha Beacon	IC - Electric	SIGN	Sign (General)	
B	Bollard	IC - Round	SOFF	Soffit Level	
BOLT	Bolt	IC - Telecom	SC	Spot Cock	
12.24	Borehole	IC - Traffic	ST	Spot Height	
12.24	Bush	Invert Level	SC	Stop Cock	
12.24	CCTV Camera Pole	Lamp Post	TP	Telegraph Pole	
12.24	Ceiling Elevation	Manhole	T12.24	Top of Fence Line	
12.24	Drill	MH - Foul	T12.24	Top of Tree Level	
12.24	Earth Rod	MH - Round	T12.24	Top of Wall Level	
12.24	Eave	MHS	TL	Traffic Light	
12.24	Fire Hydrant	MHS	Tree (TXXX SX-XX)		
12.24	Floor Level	MH - Surface Water	Tree (Trunk Radius(m))		
12.24	Gate	Marker Post	Tree Deciduous		
12.24	Gas Meter	MW	Tree Trunk		
12.24	Gas Valve	Valve General	Valve General		
12.24	Gully	Water Level	Water Level		
12.24	Gully Round	Water Meter	Water Meter		
12.24		Water Valve	Water Valve		

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

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

Murphy Geospatial Disclaimer

All reasonable endeavours have been used to capture the required data in the survey to the agreed standards of accuracy. Where features have been omitted due to a lack of access, the areas will be annotated as 'UTS' (Unable To Survey). The Company shall not be liable for any damages or consequential losses arising from the reliance on survey information beyond its specified scale and accuracy, or survey information used for purposes other than that stated in the Contract of Works.

Any concerns with the survey should be raised with Murphy Geospatial, who will endeavour to promptly provide a remedy. The Client shall not seek recourse through any third party until such time as Murphy Geospatial have had the opportunity to redress any concerns raised.

For full terms and conditions visit [Terms and Conditions](#) [www.murphygcs.com](#)

Location Plan		

Revisions				
Rev	Description	Surveyed by	Drawn by	Checked by
A	First issue	CC - 28/06/21	CS - 06/12/21	AO - 06/12/21

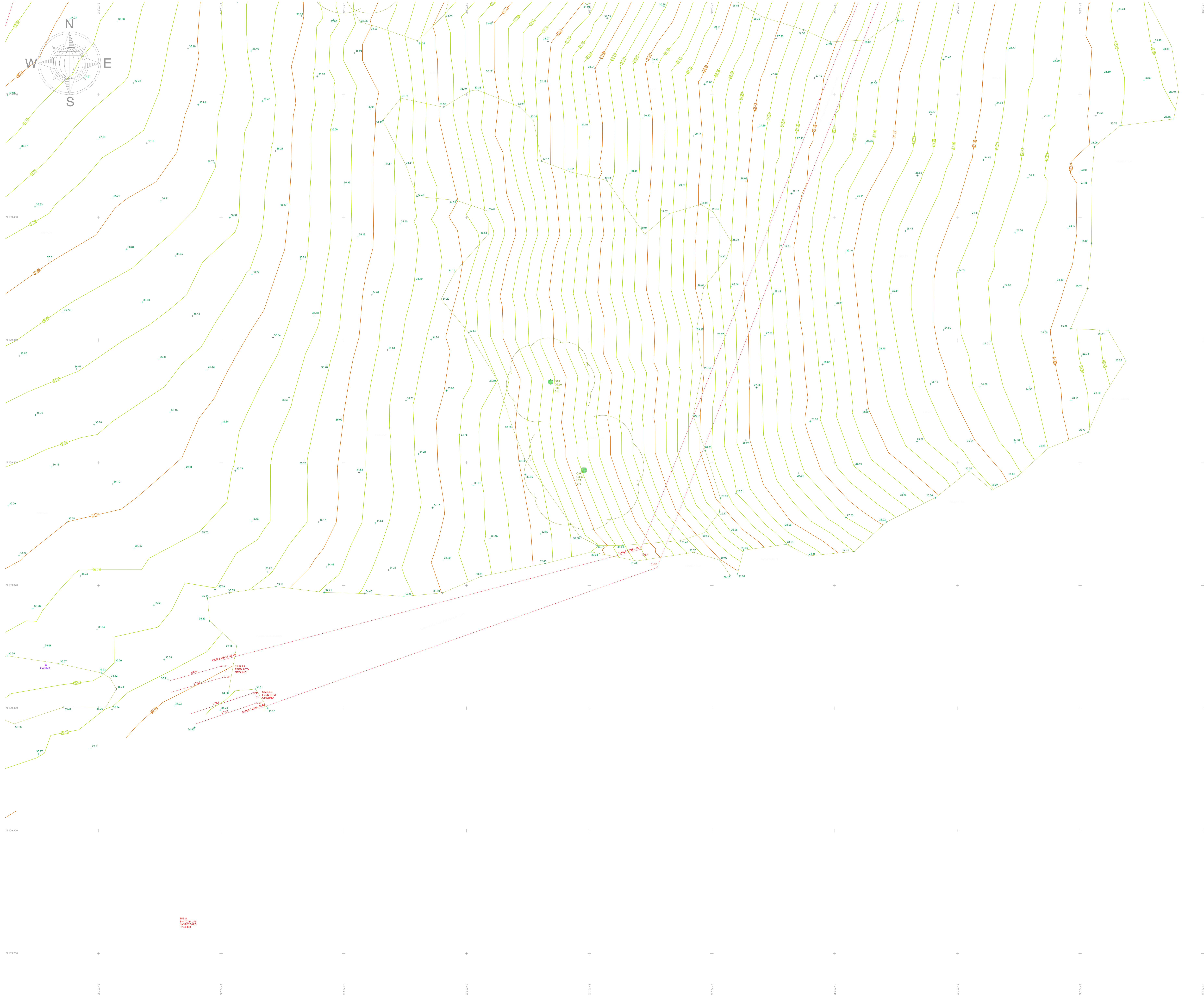


Geospatial certainty you can trust [murphygcs.com](#)

UK Head Office
39-41 North Road
London
N7 9DP
Phone: (+44) 0203 598 3775
Email: info@murphygcs.com

London **Manchester** **Glasgow** **Belfast** **Cork** **Kildare**

Client	Portsmouth City Council
Project	Dunsbury Park
Site Address	Fitzwygram Way Havant PO9 4EE
Description	Topographical Survey
Survey Grid	Localised OSGB36(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
RICS Band	Band F
Drawing Scale	1:200 @ A0
Drawing Number	MGS44680-T-05



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

Topographic Point Features		
AY Air Valve	IC Inspection Cover	RS Road Sign
APX Apex Building	IC - CATV	RE Rodding Eye
BL Bed Level	IC - Comm	SA Sector Antenna
BB Bellisha Beacon	IC - Electric	SIGN Sign (General)
B Bollard	IC - Round	SOFF Soffit Level
BOLT Bolt	IC - Telecom	SC Spot Height
BH Borehole	IC - Traffic	ST Stop Cock
BUSH Bush	Invert Level	TE Telegraph Pole
CC CCTV Camera Pole	Lamp Post	T12.24 Top of Fence Level
CE Ceiling Elevation	Manhole	T12.24 Top of Tree Level
CP Pipe	MH - Foul	T12.24 Top of Wall Level
EP Earth Rod	MH - Round	TL Traffic Light
EAVE Eave	MH - Surface Water	Tree (TXXX SX-XX)
EL Electrical Pole	Marker Post	T=Trunk Radius(m)
FI Fire Hydrant	MW Microwave Dish	S=Spread Radius(m)
FL Floor Level	Pipe - Down	Tree Deciduous
12.24 Gas Meter	POLE Pole	Tree Trunk
GV Gate	POST Post	Valve General
G Gully		WL Water Level
12.24 Gully Round		WM Water Meter
		WV Water Valve

Special Features		
DATUM Datum Point	E=XXXXXXX	Survey Station
12.24 Photo Point	N=YYYYYYY	Scan Target
Panoramic Photo Point	N=ZZZZZZZ	

Fence Types		
B/W Barbed Wire	CH Chain Link	OS Open Boarded
C/B Close Boarded	H Heras	P/W Post and Wire
C/I Corrugated Iron	IR Iron Railings	P/R Post and Rail

Murphy Geospatial Disclaimer

All reasonable endeavours have been used to capture the required data in the survey to the agreed standards of accuracy. Where features have been distorted due to a lack of access, the areas will be annotated as 'UTS' (Unable To Survey). The Company shall not be liable for any damages or consequential losses arising from the reliance on survey information beyond its specified scale and accuracy, or survey information used for purposes other than that stated in the Contract of Works.

Any concerns with the survey should be raised with Murphy Geospatial, who will endeavour to promptly provide a remedy. The Client shall not seek recourse through any third party until such time as Murphy Geospatial have had the opportunity to address any concerns raised.

For full terms and conditions visit [Terms and Conditions](#) [www.murphygsg.com](#)

Location Plan		

Revisions			
Rev	Description	Surveyed by	Checked by
A	First issue	CC - 28/06/21	CS - 06/12/21



Geospatial certainty you can trust [murphygsg.com](#)

UK Head Office
39-41 North Road
London
N7 9DP
Phone: (+44) 0203 598 3775
Email: info@murphygsg.com

London **Manchester** **Glasgow** **Belfast** **Cork** **Kildare**

Client	Portsmouth City Council
Project	Dunsbury Park
Site Address	Fitzwygram Way Havant PO9 4EE
Description	Topographical Survey
Survey Grid	Localised OSGB36(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
RICS Band	Band F
Drawing Scale	1:200 @ A0
Drawing Number	MGS44680-T-06

LEGEND		
Topographic Linkwork Features		
Air-Con Unit (ACU)	Hand Rail	Sky Light
Barrier	Hand Rail Dashed	Slope Bottom
Beam Line	Holding	Slope Top
Bench	Kerb Bottom	Step Down
Bolt	Kerb Top	Spur Ramp
Bollard Illuminated	Kerb Drop	Steel Cladding
Bus Stop	Lane	Steel Structure
Bridge	Lift	Surf
Bus Stop Facade	Land	Surf Line Change
Building	Opening - Slab	Task Line
Bus Stop Shelter	Opening - Wall	Top of Slope
Cable Trough	Overhead Cables	Ticket Machine (TVM)
Canopy	Parapet	Ticket
Column	Partition	Top of Fence Line
Centre Line	Parking Meter (PM)	Top of Wall Line
Column Bottom Line	Pipe	Top of Wall Line
Column Top Line	Platform Train	Traffic Choc Box (TCB)
Concrete Base/Slab	Pond	Traffic Choc Box (TCB)
Concrete Major	Post	Tree Line
Contour Minor	Rail	Vegetation Line
Cycle Lane	Ramp	Vent
Ditch	Red Line Dashed	Wall Light
Door	Red Line Solid	Wall Line
Drain	Red Line Double	Wall Line
Electric Box (EBOX)	Road Edge	Window Glazing
Electric Box	Road Edge	Window Glazing
Flute	Road Scar Line	White Line Double
Flashed	Road Seal	White Line Double
Footpath	Sand	Yellow Line Dashed
Gating	Sentry	Yellow Line Double
Grid Line	Servant	Yellow Line Double

[illegible]

Special Features			
	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 Scan Target

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

Murphy Geospatial Disclaimer

All reasonable endeavours have been used to capture the required data in the survey to the agreed standards of accuracy. Where features have been obstructed due to a lack of access, the areas will be annotated as **UTS** (Unable To Survey). The Company shall not be liable for any damages or consequential losses arising from the reliance on survey information beyond its specified scale and accuracy, or survey information used for purposes other than that stated in the Contract of Works.

Any concerns with the survey should be raised with Murphy Geospatial, who will endeavour to promptly provide a remedy. The Client shall not seek recourse through any third party until such time as Murphy Geospatial have had the opportunity to redress any concerns raised.

For full terms and conditions visit [Terms and Conditions](https://www.murphygys.com) www.murphygys.com

Location Plan

1	2	
3	4	
5	6	
7	8	9
10	11	12
13	14	15

Revisions				
Rev	Description	Surveyed by	Drawn by	Checked by
A	First Issue	CC - 29/06/21	CS - 06/12/21	AO - 06/12/21



Geospatial certainty you can trust murphygs.com

UK Head Office
39-41 North Road
London
N7 9DP
Phone: (+44) 0203 598 3775
Email: info@murphyys.com

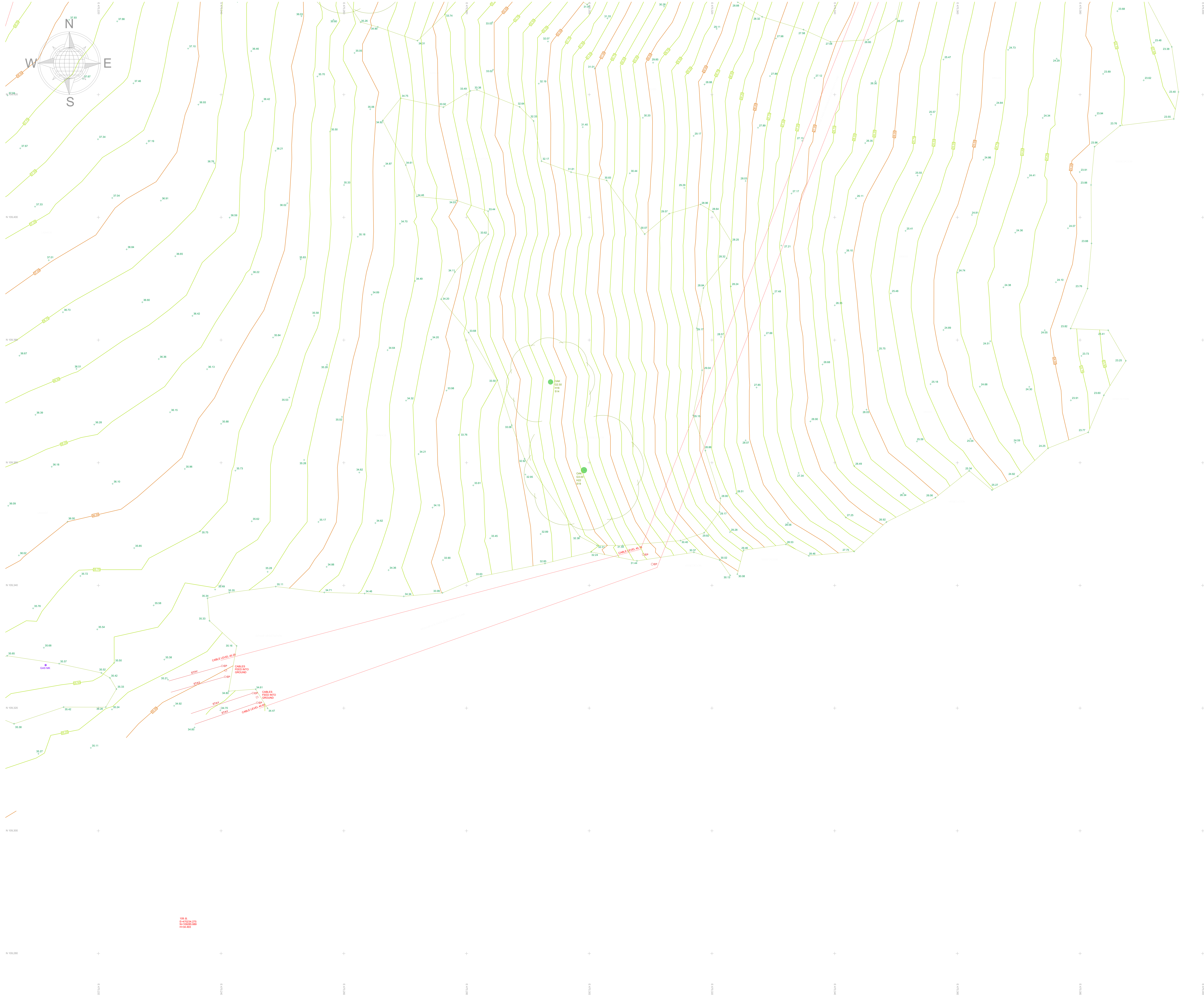
ISO 9001 CERTIFIED
ISO 14001 CERTIFIED
QHSE 18001 CERTIFIED

RICS Approved Partner
RICS

London Manchester Glasgow Belfast Cork Kildare

Client	Portsmouth City Council
Project	Dunsbury Park
Site Address	Fitzwygram Way Havant PO9 4EE
Description	Topographical Survey
Survey Grid	Localised OSG836(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
RICS Band	Band F
Drawing Scale	1:200 @ A0
Drawing Number	MGSA4680-T-07

© Copyright 2021 MURPHY GEOSPATIAL



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

Topographic Point Features		
AY Air Valve	IC Inspection Cover	RS Road Sign
APX Apex Building	IC - CATV	RE Rodding Eye
BL Bed Level	IC - Comm	SA Sector Antenna
BB Bellisha Beacon	IC - Electric	SIGN Sign (General)
B Bollard	IC - Round	SOF Soffit Level
BOLT Bolt	IC - Telecom	SC Spot Height
BH Borehole	IC - Traffic	SC Stop Cock
BU Bush	IC - Traffic	TE Telegraph Pole
CC CCTV Camera Pole	IC - Traffic	TE Telegraph Pole
CE Ceiling Elevation	IC - Traffic	TE Telegraph Pole
CP C/P	IC - Traffic	TE Telegraph Pole
EP Earth Rod	IC - Traffic	TE Telegraph Pole
EAVE Eave	IC - Traffic	TE Telegraph Pole
EP Electrical Pole	IC - Traffic	TE Telegraph Pole
EP Fire Hydrant	IC - Traffic	TE Telegraph Pole
FL Floor Level	IC - Traffic	TE Telegraph Pole
12.24 Gas Meter	IC - Traffic	TE Telegraph Pole
12.24 Gas Valve	IC - Traffic	TE Telegraph Pole
12.24 Gate	IC - Traffic	TE Telegraph Pole
12.24 Gully	IC - Traffic	TE Telegraph Pole
12.24 Gully Round	IC - Traffic	TE Telegraph Pole

Special Features		
DATUM Datum Point	E=XXXXXXX	Survey Station
Photo Point	N=YYYYYYY	Scan Target
Panoramic Photo Point	N=ZZZZZZZ	Scan Target

Fence Types		
B/W Barbed Wire	CH Chain Link	OS Open Boarded
C/B Close Boarded	H Heras	P/W Post and Wire
C/I Corrugated Iron	IR Iron Railings	P/R Post and Rail

Murphy Geospatial Disclaimer

All reasonable endeavours have been used to capture the required data in the survey to the agreed standards of accuracy. Where features have been distorted due to a lack of access, the areas will be annotated as 'UTS' (Unable To Survey). The Company shall not be liable for any damages or consequential losses arising from the reliance on survey information beyond its specified scale and accuracy, or survey information used for purposes other than that stated in the Contract of Works.

Any concerns with the survey should be raised with Murphy Geospatial, who will endeavour to promptly provide a remedy. The Client shall not seek recourse through any third party until such time as Murphy Geospatial have had the opportunity to address any concerns raised.

For full terms and conditions visit [Terms and Conditions](#) [www.murphygcs.com](#)

Location Plan		
1	2	
3	4	
5	6	
7	8	9
10	11	12
13	14	15

Revisions				
Rev	Description	Surveyed by	Drawn by	Checked by
A	First issue	CC - 28/06/21	CS - 06/12/21	AO - 06/12/21



Geospatial certainty you can trust [murphygcs.com](#)

UK Head Office
39-41 North Road
London
N7 9DP
Phone: (+44) 0203 598 3775
Email: info@murphygcs.com

London **Manchester** **Glasgow** **Belfast** **Cork** **Kildare**

Client	Portsmouth City Council
Project	Dunsbury Park
Site Address	Fitzwygram Way Havant PO9 4EE
Description	Topographical Survey
Survey Grid	Localised OSGB36(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
RICS Band	Band F
Drawing Scale	1:200 @ A0
Drawing Number	MGS44680-T-09



LEGEND		
Topographic Linework Features		
Air-Con Unit (ACU)	Hand Rail	Sky Light
Barrier	Hedge	Slope Bottom
Beam Line	Hoarding	Slope Top
Bench	Kerb Bottom	Slope 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	Platform Train/Tram	Top of Fence Line
Centre Line	Parking Meter (PM)	Top of Wall Line
Column	Pipe Line	Track
Column Bottom Line	Plinth	Traffic Ctrl Box(TCB)
Column Top Line	Plinth	Tree Drip Line
Concrete Base/Slab	Post-box	Tree Line
Contour Major	Rail	Trial Pit
Contour Minor	Ramp	Vegetation Line
Cycle Lane	Red Line Dashed	Vent
Ditch	Red Line Solid	Verge Line
Door	Red Line Double	Wall Line
Duct	River Edge	Window
Electric Box (EBOX)	Road Scar Line	Window Glazing
Fence	Road Text	White Line Dashed
Fixture	Sanitary	White Line Double
Flowerbed	Service	White Line Solid
Footpath		Yellow Line Dashed
Grating		Yellow Line Double
Grid Line		Yellow Line Solid

Topographic Point Features		
AY Air Valve	IC Inspection Cover	RS Road Sign
APIX Apex Building	IC - CATV	RE Rodding Eye
BL Bed Level	IC - Comms	SA Sector Antenna
12.24 Belisha Beacon	IC - Electric	SIGN Sign (General)
B Bollard	IC - Round	SOF Soffit Level
BOLT Bolt	IC - Telecom	SC Spot Height
BH Borehole	IC - Traffic	SC Stop Cock
12.24 Bush	Invert Level	TE Telegraph Pole
12.24 CCTV Camera Pole	Lamp Post	T12.24 Top of Fence Level
CE Ceiling Elevation	Manhole	T12.24 Top of Tree Level
12.24 Dip	MH - Foul	T12.24 Top of Wall Level
12.24 Earth Rod	MH - Round	TL Traffic Light
12.24 Eave	MH - Surface Water	Tree (TXXX SX-XX)
12.24 Fire Hydrant	Marker Post	Tree Trunk
12.24 Floor Level	MW Microwave Dish	Valve General
12.24 Gas Meter	Pipe - Down	WL Water Level
12.24 Gate	Pole	WM Water Meter
12.24 Gully	Post	WV Water Valve
12.24 Gully Round		

Special Features		
DATUM Datum Point	E=XXXXXXX	Survey Station
12.24 Photo Point	N=YYYYYYY	Scan Target
Panoramic Photo Point	N=ZZZZZZZ	
Fence Types		
B/W Barbed Wire	CH Chain Link	OB Open Boarded
CB Close Boarded	H Heras	P/W Post and Wire
CI Corrugated Iron	IR Iron Railings	P/R Post and Rail

Murphy Geospatial Disclaimer

All reasonable endeavours have been used to capture the required data in the survey to the agreed standards of accuracy. Where features have been distorted due to a lack of access, the areas will be annotated as 'UTS' (Unable To Survey). The Company shall not be liable for any damages or consequential losses arising from the reliance on survey information beyond its specified scale and accuracy, or survey information used for purposes other than that stated in the Contract of Works.

Any concerns with the survey should be raised with Murphy Geospatial, who will endeavour to promptly provide a remedy. The Client shall not seek recourse through any third party until such time as Murphy Geospatial have had the opportunity to redress any concerns raised.

For full terms and conditions visit [Terms and Conditions](#) [www.murphygsg.com](#)

Location Plan		
	1	2
	3	4
	5	6
	7	8
	9	10
11	12	13
14	15	

Revisions				
Rev	Description	Surveyed by	Drawn by	Checked by
A	First Issue	CC - 2806/21	CS - 06/12/21	AO - 06/12/21

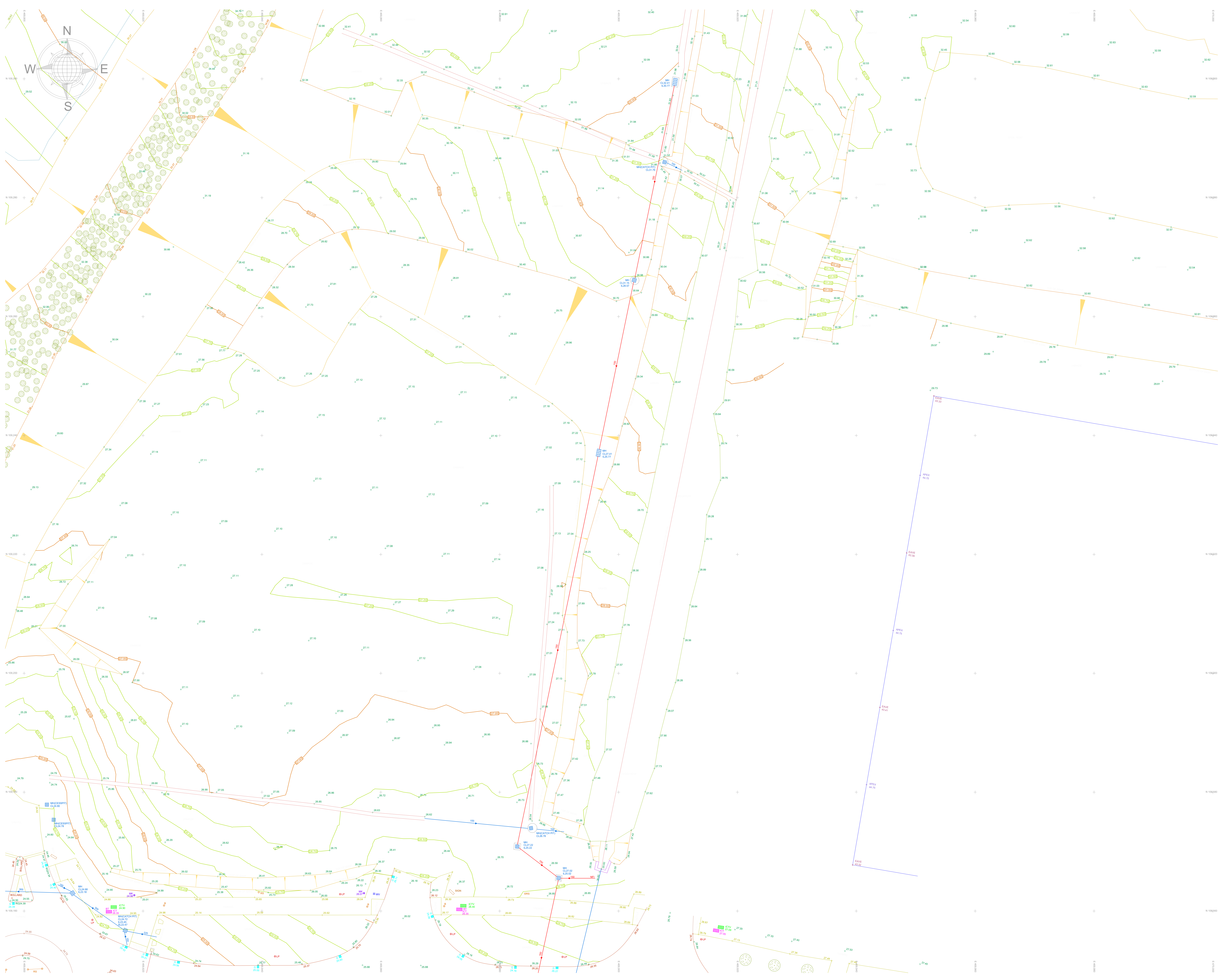


Geospatial certainty you can trust [murphygsg.com](#)

UK Head Office
39-41 North Road
London
N7 9DP
Phone: (+44) 0203 598 3775
Email: info@murphygsg.com

London **Manchester** **Glasgow** **Belfast** **Cork** **Kildare**

Client	Portsmouth City Council
Project	Dunsbury Park
Site Address	Fitzwygram Way Havant PO9 4EE
Description	Topographical Survey
Survey Grid	Localised OSGB36(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
RICS Band	Band F
Drawing Scale	1:200 @ A0
Drawing Number	MGS44680-T-10



LEGEND		
Topographic Linework Features		
Hand Rail	Hedge	Sky Light
Barrier	Hoarding	Slope Bottom
Beam Line	Kerb Bottom	Slope Top
Bench	Kerb Top	Slab Drain
Bin	Land Drain	Speed Bump
Bollard Illuminated	Lift	Steel Cladding
Bollard	Opening - Slab	Steel Structure
Bridge	Overhang	Step Line
Building Facade	Cable Trough	Surface Change
Building	Parapet	Tank
Bus Stop Shelter	Partition	Telephone Box (TB)
Canopy	Centre Line	Ticket Machine(TVM)
Ceiling Line	Column	Toilet
Column	Column Bottom Line	Top of Fence Line
Column Top Line	Column Top Line	Top of Wall Line
Concrete Base/Slab	Concrete Base/Slab	Track
Contour Major	Cycle Lane	Tree Drip Line
Cycle Minor	Ditch	Tree Line
Cycle Lane	Door	Vegetation Line
Duct	Electric Box (EBOX)	Verge Line
Electric Box (EBOX)	Fence	Wall Line
Fixture	Flowbed	Window
Grating	Footpath	Window Glazing
Grid Line	Grating	White Line Dashed
		White Line Double
		White Line Solid
		Yellow Line Dashed
		Yellow Line Double
		Yellow Line Solid

Topographic Point Features		
APX Air Valve	IC Inspection Cover	RS Road Sign
APIX Apex Building	IC - CATV	RE Rodding Eye
BL Bed Level	IC - Comms	SA Sector Antenna
B Belisha Beacon	IC - Electric	SIGN Sign (General)
B BOLLARD	IC - Round	SOF Soffit Level
BOLT Bolt	IC - Telecom	SP Spot Height
BH Borehole	IC - Traffic	SC Stop Cock
B Bush	Invert Level	ST Telegraph Pole
C CCTV Camera Pole	Lamp Post	T12 Top of Fence Level
C Ceiling Elevation	Manhole	T12 Top of Tree Level
C Dipole	MH - Foul	T12 Top of Wall Level
E Earth Rod	MH - Round	TL Traffic Light
EAVE Eave	MH - Surface Water	T Tree (TXXX SX-XX)
E Electrical Pole	Marker Post	T Trunk Radius(m)
E Fire Hydrant	MW Microwave Dish	S Spread Radius(m)
F Floor Level	Pipe - Down	T Tree Coniferous
F Fire	Pole	T Tree Deciduous
F Floor Level	Post	T Tree Trunk
F Gas Meter		V Valve General
F Gas Valve		WL Water Level
F Gate		WM Water Meter
F Gully		WV Water Valve
F Gully Round		

Special Features		
DATUM Datum Point	E=XXXXXXX Survey Station	
Photo Point	H=ZZZZZZZ Scan Target	
Panoramic Photo Point		

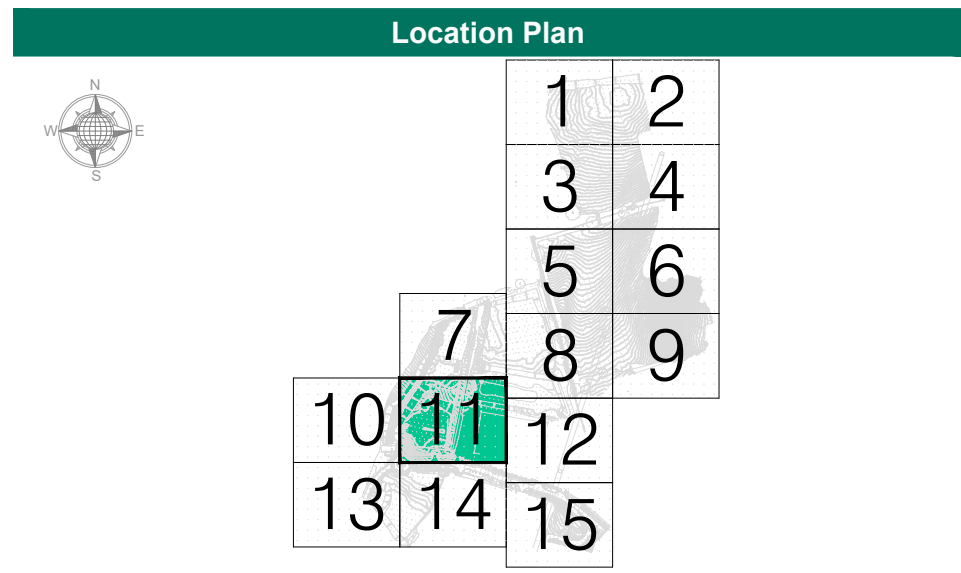
Fence Types		
B/W Barbed Wire	C/L Chain Link	O/S Open Boarded
C/B Close Boarded	H Heras	P/W Post and Wire
C/I Corrugated Iron	I/R Iron Railings	P/R Post and Rail

Murphy Geospatial Disclaimer

All reasonable endeavours have been used to capture the required data in the survey to the agreed standards of accuracy. Where features have been omitted due to a lack of access, the areas will be annotated as 'UTS' (Unable To Survey). The Company shall not be liable for any damages or consequential losses arising from the reliance on survey information beyond its specified scale and accuracy, or survey information used for purposes other than that stated in the Contract of Works.

Any concerns with the survey should be raised with Murphy Geospatial, who will endeavour to promptly provide a remedy. The Client shall not seek recourse through any third party until such time as Murphy Geospatial have had the opportunity to address any concerns raised.

For full terms and conditions visit [Terms and Conditions](#) [www.murphyggs.com](#)



Revisions			
Rev	Description	Surveyed by	Drawn by
A	First Issue	CC - 280621	CS - 06/12/21

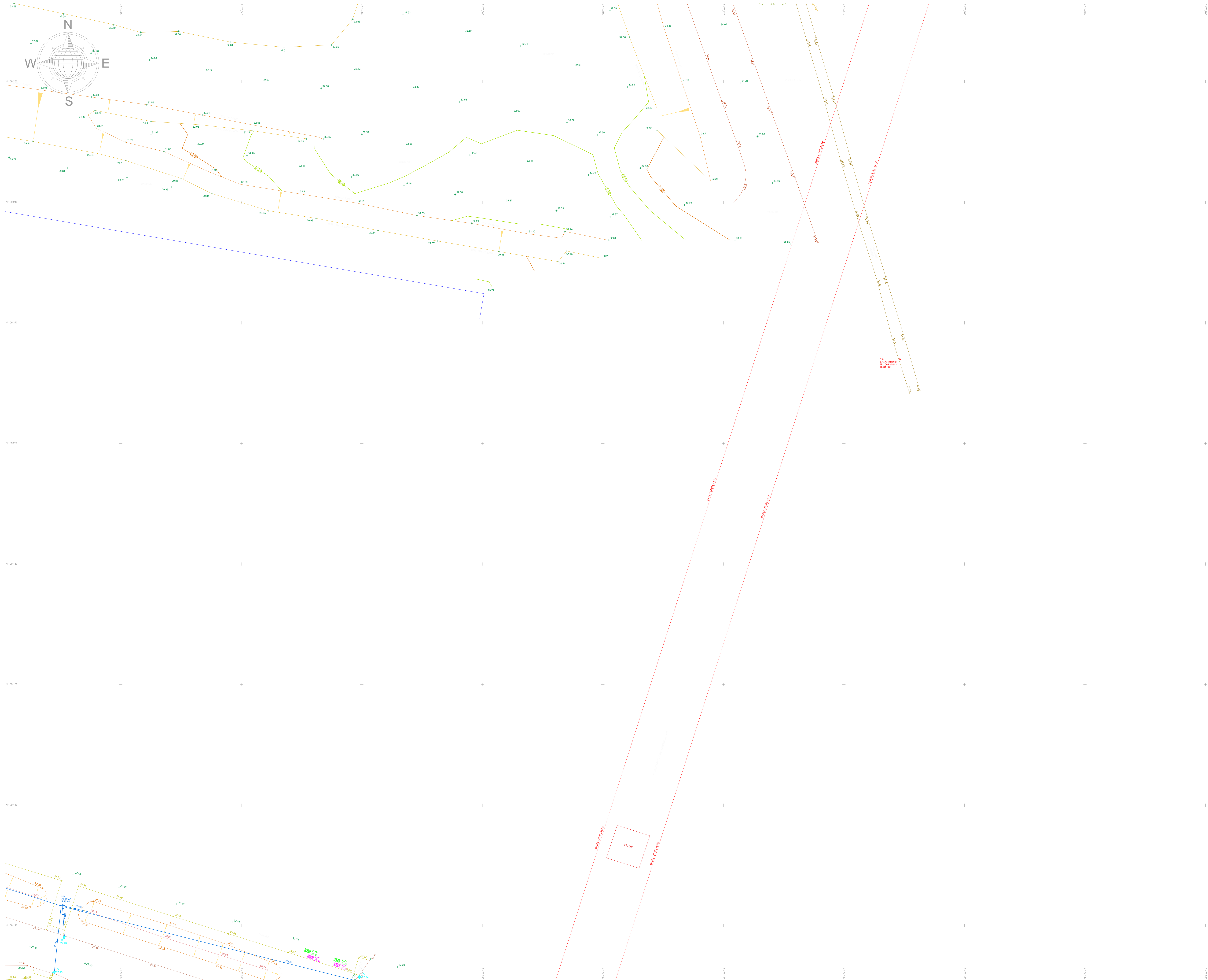


Geospatial certainty you can trust [murphyggs.com](#)

UK Head Office
39-41 North Road
London
N7 9DP
Phone: (+44) 0203 598 3775
Email: info@murphyggs.com

London **Manchester** **Glasgow** **Belfast** **Cork** **Kildare**

Client	Portsmouth City Council
Project	Dunsbury Park
Site Address	Fitzwygram Way Havant PO9 4EE
Description	Topographical Survey
Survey Grid	Localised OSGB36(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
RICS Band	Band F
Drawing Scale	1:200 @ A0
Drawing Number	MGS44680-T-11



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

Topographic Point Features		
AY Air Valve	IC Inspection Cover	RS Road Sign
APX Apex Building	IC - CATV	RE Rodding Eye
BL Bed Level	IC - Comms	SA Sector Antenna
BB Belisha Beacon	IC - Electric	SIGN Sign (General)
B Bollard	IC - Round	SOFF Soffit Level
BOLT Bolt	IC - Telecom	SP Spot Height
BH Borehole	IC - Traffic	SC Stop Cock
BUSH Bush	Invert Level	TE Telegraph Pole
CC CCTV Camera Pole	Lamp Post	T12.24 Top of Fence Level
CE Ceiling Elevation	Manhole	T12.24 Top of Tree Level
CP Pipe	MH - Foul	T12.24 Top of Wall Level
EP Electrical Pole	MH - Round	TL Traffic Light
FL Floor Level	MH - Surface Water	Tree (TXXX SX-XX)
GA Gas Valve	Marker Post	Tree Trunk
GV Gas Valve	MW Microwave Dish	Valve General
G Gully	POLE Pole - Down	WL Water Level
GR Gully Round	POST Post	WM Water Meter
		WV Water Valve

Special Features		
DATUM Datum Point	E=XXXXXXX	Survey Station
Photo Point	N=YYYYYYY	Scan Target
Panoramic Photo Point	N=ZZZZZZZ	

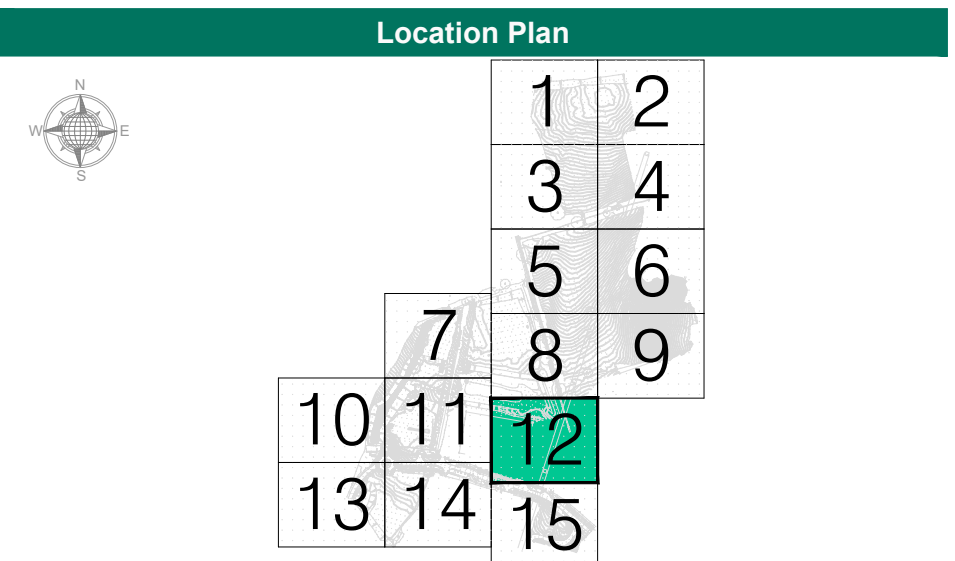
Fence Types		
B/W Barbed Wire	CL Chain Link	O/S Open Boarded
C/B Close Boarded	H Heras	P/W Post and Wire
C/I Corrugated Iron	IR Iron Railings	P/R Post and Rail

Murphy Geospatial Disclaimer

All reasonable endeavours have been used to capture the required data in the survey to the agreed standards of accuracy. Where features have been distorted due to a lack of access, the areas will be annotated as 'UTS' (Unable To Survey). The Company shall not be liable for any damages or consequential losses arising from the reliance on survey information beyond its specified scale and accuracy, or survey information used for purposes other than that stated in the Contract or Works.

Any concerns with the survey should be raised with Murphy Geospatial, who will endeavour to promptly provide a remedy. The Client shall not seek recourse through any third party until such time as Murphy Geospatial have had the opportunity to redress any concerns raised.

For full terms and conditions visit [Terms and Conditions](#) [www.murphygys.com](#)



Revisions				
Rev	Description	Surveyed by	Drawn by	Checked by
A	First Issue	CC - 28/06/21	CS - 06/12/21	AO - 06/12/21



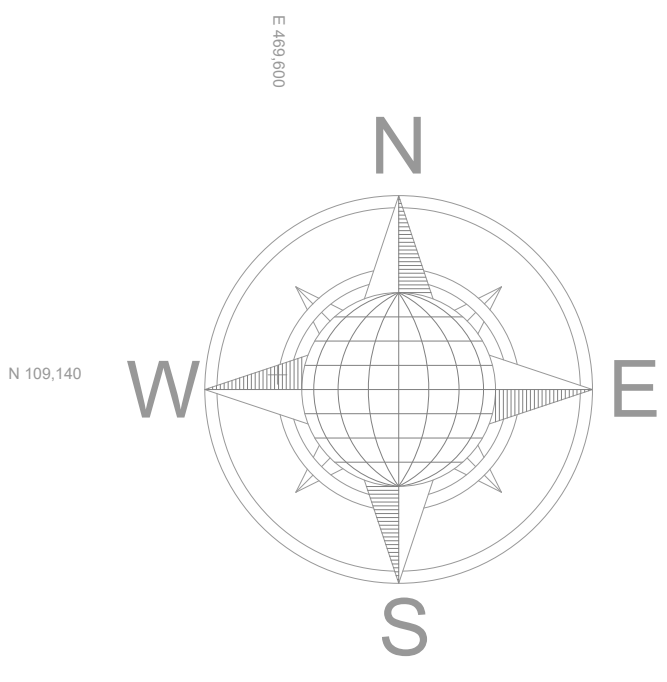
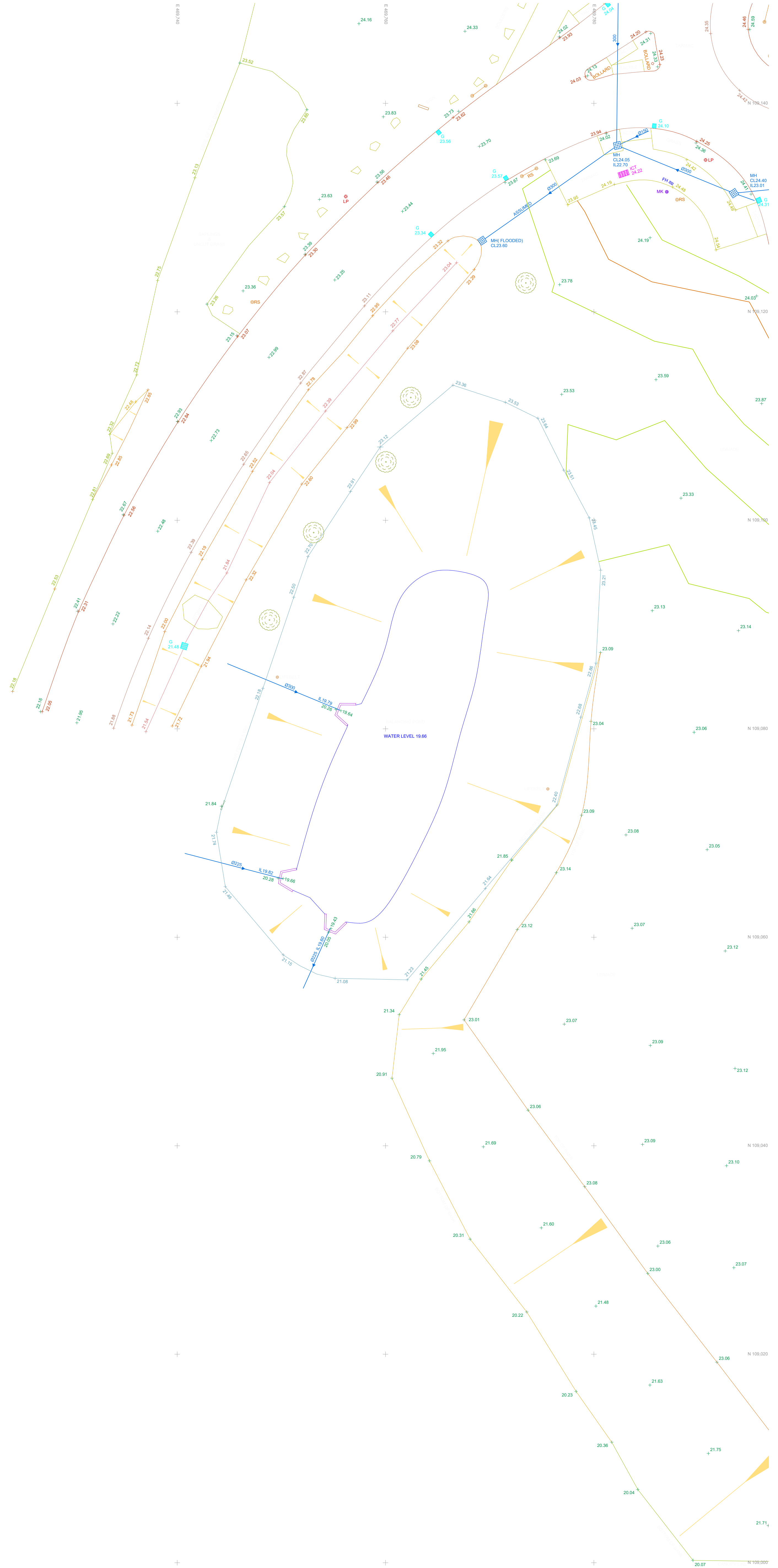
Geospatial certainty you can trust [murphygys.com](#)

UK Head Office

39-41 North Road
London
N7 9DP
Phone: (+44) 0203 598 3775
Email: info@murphygys.com

London **Manchester** **Glasgow** **Belfast** **Cork** **Kildare**

Client	Portsmouth City Council
Project	Dunsbury Park
Site Address	Fitzwygram Way Havant PO9 4EE
Description	Topographical Survey
Survey Grid	Localised OSGB36(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
RICS Band	Band F
Drawing Scale	1:200 @ A0
Drawing Number	MGS44680-T-12



LEGEND		
Topographic Linework Features		
Air-Con Unit (ACU)	Hand Rail	Sky Light
Barrier	Hedge	Slope Bottom
Beam Line	Hoarding	Slope Top
Bench	Kerb Bottom	Slope 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	Platform Train/Tram	Top of Fence Line
Centre Line	Parking Meter (PM)	Top of Wall Line
Column	Pipe Line	Track
Column Bottom Line	Plinth	Traffic Ctrl Box(TCB)
Column Top Line	Plinth	Tree Drip Line
Concrete Base/Slab	Post-box	Tree Line
Contour Major	Rail	Trial Pit
Contour Minor	Ramp	Vegetation Line
Cycle Lane	Red Line Dashed	Verge Line
Ditch	Red Line Solid	Wall Line
Door	Red Line Double	Window
Duct	River Edge	Window Glazing
Electric Box (EBOX)	Road Edge	White Line Dashed
Fence	Road Scar Line	White Line Double
Fixture	Road Text	White Line Solid
Flowerbed	Roof	Yellow Line Dashed
Footpath	Sanitary	Yellow Line Double
Grating	Service	Yellow Line Solid
Grid Line		

Topographic Point Features		
AY Air Valve	IC Inspection Cover	RS Road Sign
APIX Apex Building	IC - CATV	RE Rodding Eye
BL Bed Level	IC - Comms	SA Sector Antenna
BB Belisha Beacon	IC - Electric	SIGN Sign (General)
B Bollard	IC - Round	SOF Soffit Level
BOLT Bolt	IC - Telecom	SC Spot Height
BH Borehole	IC - Traffic	SC Stop Cock
Bush	Invert Level	TE Telegraph Pole
CC CCTV Camera Pole	Lamp Post	T12 Top of Fence Level
CE Ceiling Elevation	Manhole	T12 Top of Tree Level
CF C/F	MH - Foul	T12 Top of Wall Level
CH Chippie	MH - Round	TL Traffic Light
EAVE Eave	MH - Surface Water	TX Tree (TX.XX SX.XX)
EP Electrical Pole	Marker Post	T=Trunk Radius(m)
FL Floor Level	MW Microwave Dish	S=Spread Radius(m)
GS Gas Valve	Pipe - Down	Tree Deciduous
GU Gully	Pole	Tree Trunk
GR Gully Round	Post	Valve General
		WL Water Level
		WM Water Meter
		WV Water Valve

Special Features		
DATUM Datum Point	E=XXXX.XXX	
Photo Point	N=YYYY.YYY	Survey Station
Panoramic Photo Point	N=ZZZ.ZZZ	
	E=XXXX.XXX	
	N=YYYY.YYY	Scan Target
	N=ZZZ.ZZZ	

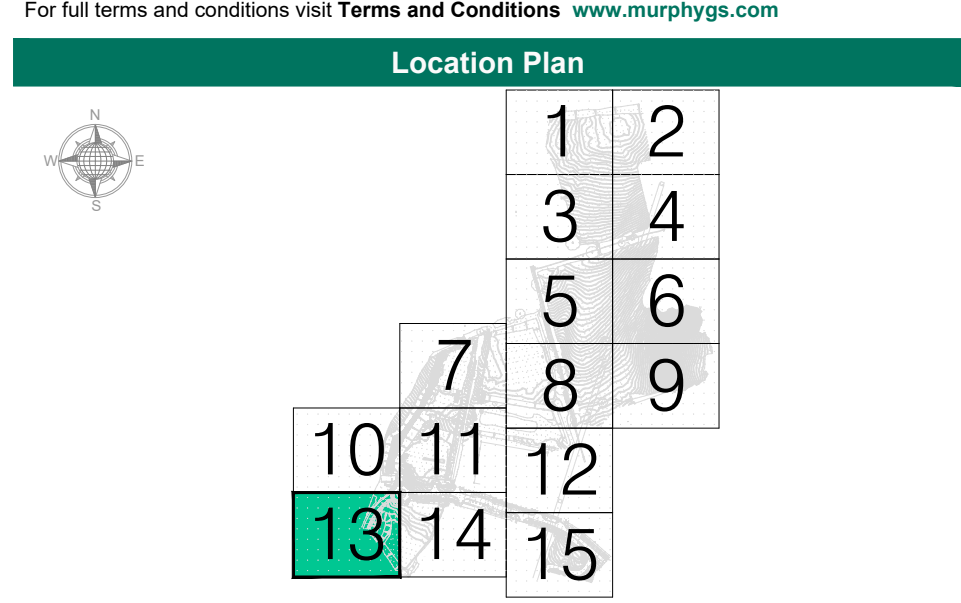
Fence Types		
B/W Barbed Wire	CL Chain Link	OB Open Boarded
CB Close Boarded	H Heras	P/W Post and Wire
CI Corrugated Iron	IR Iron Railings	P/R Post and Rail

Murphy Geospatial Disclaimer

All reasonable endeavours have been used to capture the required data in the survey to the agreed standards of accuracy. Where features have been distorted due to a lack of access, the areas will be annotated as 'UTS' (Unable To Survey). The Company shall not be liable for any damages or consequential losses arising from the reliance on survey information beyond its specified scale and accuracy, or survey information used for purposes other than that stated in the Contract or Works.

Any concerns with the survey should be raised with Murphy Geospatial, who will endeavour to promptly provide a remedy. The Client shall not seek recourse through any third party until such time as Murphy Geospatial have had the opportunity to redress any concerns raised.

For full terms and conditions visit [Terms and Conditions](https://www.murphygsg.com/terms-and-conditions) www.murphygsg.com



Revisions				
Rev	Description	Surveyed by	Drawn by	Checked by
A	First Issue	CC - 28/06/21	CS - 06/12/21	AO - 06/12/21



Geospatial certainty you can trust [murphygsg.com](https://www.murphygsg.com)

UK Head Office

39-41 North Road
London
N7 9DP
Phone: (+44) 0203 598 3775
Email: info@murphygsg.com

London

Manchester

Glasgow

Belfast

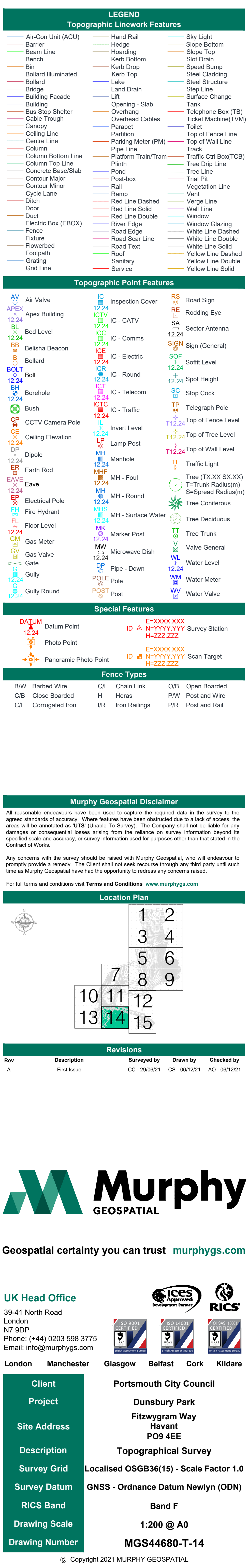
Cork

Kildare

ICES
Building Information Systems

RICS
Royal Institution of Chartered Surveyors

Client	Portsmouth City Council
Project	Dunsbury Park
Site Address	Fitzwygram Way Havant PO9 4EE
Description	Topographical Survey
Survey Grid	Localised OSGB36(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
RICS Band	Band F
Drawing Scale	1:200 @ A0
Drawing Number	MGS44680-T-13



Appendix F

HR Wallingford

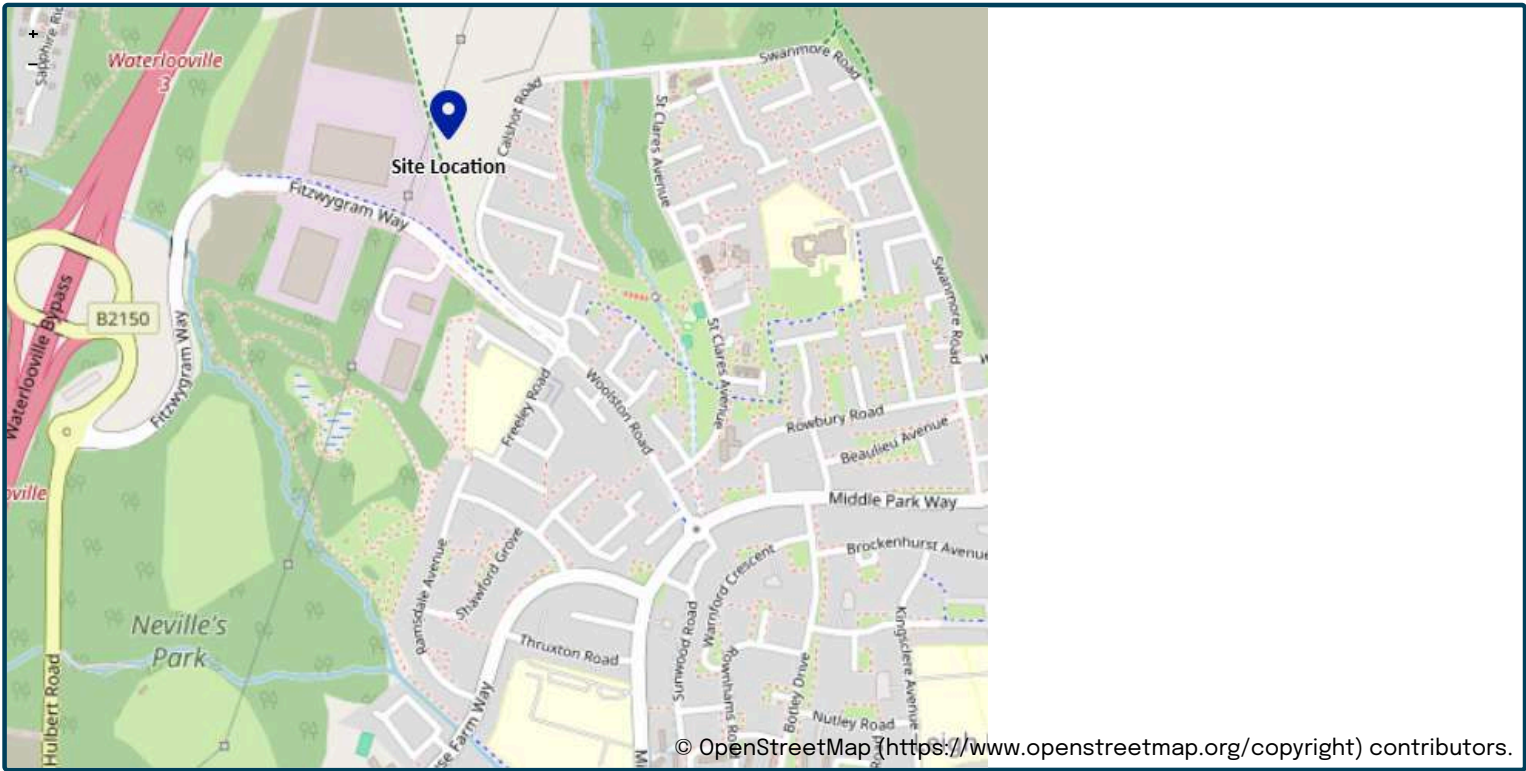
This is an estimation of the greenfield runoff rates that are used to meet normal best practice criteria in line with Environment Agency guidance “Rainfall runoff management for developments”, SC030219 (2013), the SuDS Manual C753 (CIRIA, 2015) and the non-statutory standards for SuDS (Defra, 2015). This information on greenfield runoff rates may be the basis for setting consents for the drainage of surface water runoff from sites.

Project details

Date	<input type="text" value="13/11/2025"/>
Calculated by	<input type="text" value="AS"/>
Reference	<input type="text" value="W24084"/>
Model version	<input type="text" value="2.2.2"/>

Location

Site name	<input type="text" value="Plot 600 & 601 Dunsbury Park"/>
Site location	<input type="text" value="Dunsbury Park"/>



Site easting (British National Grid)	<input type="text" value="470172"/>
Site northing (British National Grid)	<input type="text" value="109189"/>

Site details

Total site area (ha)	<input type="text" value="2.62"/>	ha
----------------------	-----------------------------------	----

Greenfield runoff

Method

Method	IH124	
IH124		
	<u>My value</u>	<u>Map value</u>
SAAR (mm)	<div><div>779</div><div>mm</div></div>	<div><div></div><div>779</div></div>
How should SPR be derived?	WRAP soil type	
WRAP soil type	<div><div>4</div><div></div></div>	<div><div></div><div>4</div></div>
SPR	<div><div>0.47</div><div></div></div>	
QBar (IH124) (l/s)	<div><div>14.3</div><div>l/s</div></div>	

Growth curve factors

	<u>My value</u>	<u>Map value</u>
Hydrological region	<div><div>7</div><div></div></div>	<div><div></div><div>7</div></div>
1 year growth factor	<div><div>0.85</div><div></div></div>	
2 year growth factor	<div><div>0.88</div><div></div></div>	
10 year growth factor	<div><div>1.62</div><div></div></div>	
30 year growth factor	<div><div>2.3</div><div></div></div>	
100 year growth factor	<div><div>3.19</div><div></div></div>	
200 year growth factor	<div><div>3.74</div><div></div></div>	

Results

Method	IH124	
Flow rate 1 year (l/s)	<div><div>12.2</div><div>l/s</div></div>	
Flow rate 2 year (l/s)	<div><div>12.6</div><div>l/s</div></div>	
Flow rate 10 years (l/s)	<div><div>23.2</div><div>l/s</div></div>	
Flow rate 30 years (l/s)	<div><div>33.0</div><div>l/s</div></div>	
Flow rate 100 years (l/s)	<div><div>45.7</div><div>l/s</div></div>	
Flow rate 200 years (l/s)	<div><div>53.6</div><div>l/s</div></div>	

Please note runoff estimation is subject to significant uncertainty. Results are therefore normally reported to only 1 decimal place. Where 2 decimal places are provided, this does not indicate accuracy to this level, it has been adopted to prevent ‘zero’ figures from being reported. Outputs less than 0.01 l/s are reported as 0.01 l/s.

Disclaimer

This report was produced using the Greenfield runoff rate estimation tool (2.2.2) developed by HR Wallingford and available at [uksuds.com](https://www.uksuds.com/) (<https://www.uksuds.com/>). The use of this tool is subject to the UK SuDS terms and conditions and licence agreement, which can both be found at [uksuds.com/terms-conditions](https://www.uksuds.com/terms-conditions) (<https://www.uksuds.com/terms-conditions>). The outputs from this tool have been used to estimate Greenfield runoff rates. The use of these results is the responsibility of the users of this tool. No liability will be accepted by HR Wallingford, the Environment Agency, Centre for Ecology and Hydrology, Wallingford Hydrosolutions or any other organisation for the use of these data in the design or operational characteristics of any drainage scheme.

Appendix G

Peter Brett Wider Site Drainage and Hydrock Strategy

*Peter Brett Associates 'Surface Water Drainage and SuDs Strategy' Report
Hydrock Drainage Strategy '19453-HYD-00-ZZ-DR-0-7000-7001'*

(Full report available upon request)

Appendix H

Flood Risk Maps

Flood map for planning

Your reference	Location (easting/northing)	Created
Unspecified	470170/109452	10 November 2025 16:33

Your selected location is in flood zone 1, an area with a low probability of flooding.

You will need to do a flood risk assessment if your site is **any of the following**:

- bigger than 1 hectare (ha)
- in an area with critical drainage problems as notified by the Environment Agency
- identified as being at increased flood risk in future by the local authority's strategic flood risk assessment
- at risk from other sources of flooding (such as surface water or reservoirs) and its development would increase the vulnerability of its use (such as constructing an office on an undeveloped site or converting a shop to a dwelling)

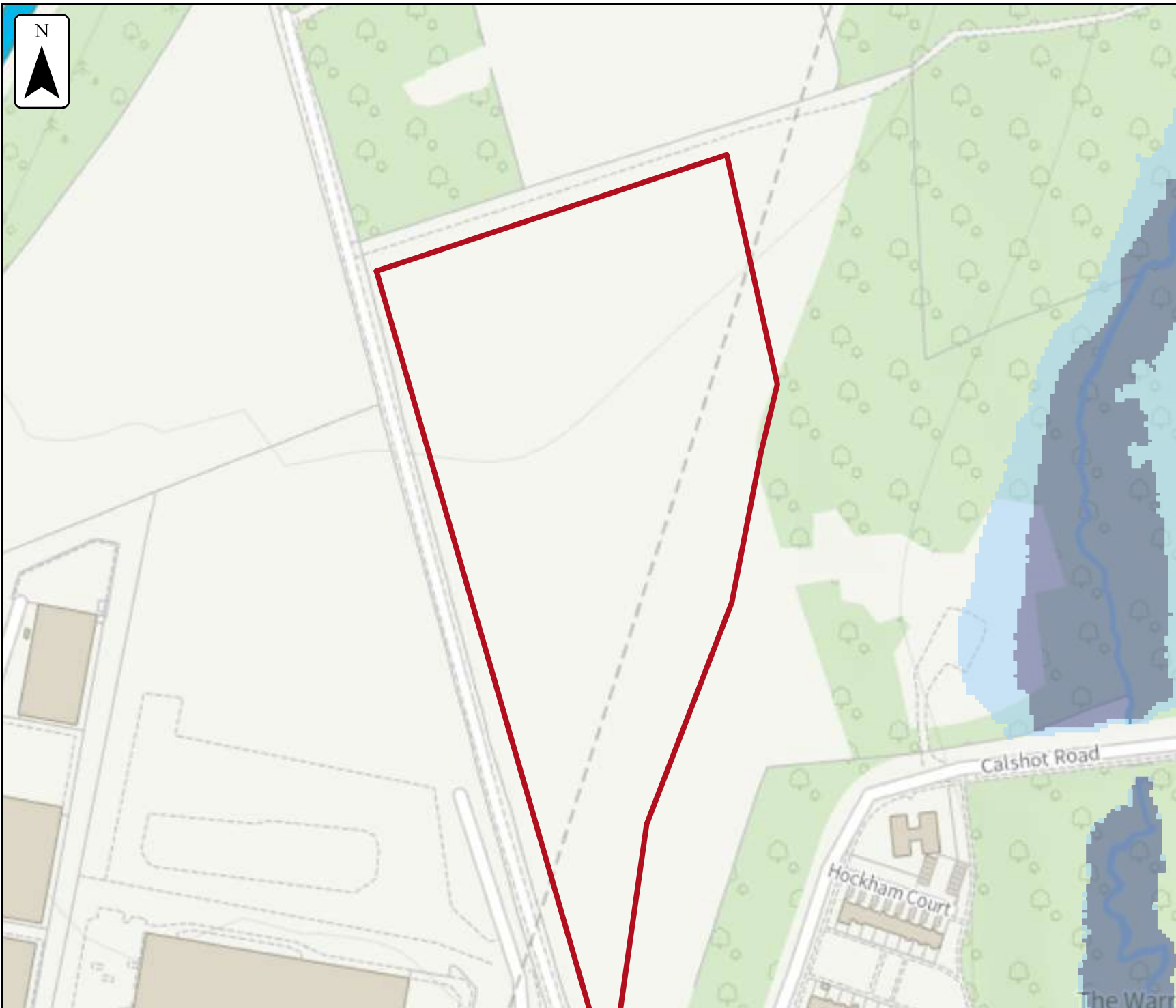
Notes

The flood map for planning shows river and sea flooding data only. It doesn't include other sources of flooding. It is for use in development planning and flood risk assessments.

This information relates to the selected location and is not specific to any property within it. The map is updated regularly and is correct at the time of printing.

Flood risk data is covered by the Open Government Licence which sets out the terms and conditions for using government data. <https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3>

Use of the address and mapping data is subject to Ordnance Survey public viewing terms under Crown copyright and database rights 2025 AC0000807064. <https://flood-map-for-planning.service.gov.uk/os-terms>



Flood map for planning

Your reference

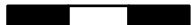
Unspecified

Location (easting/northing)
470170/109452

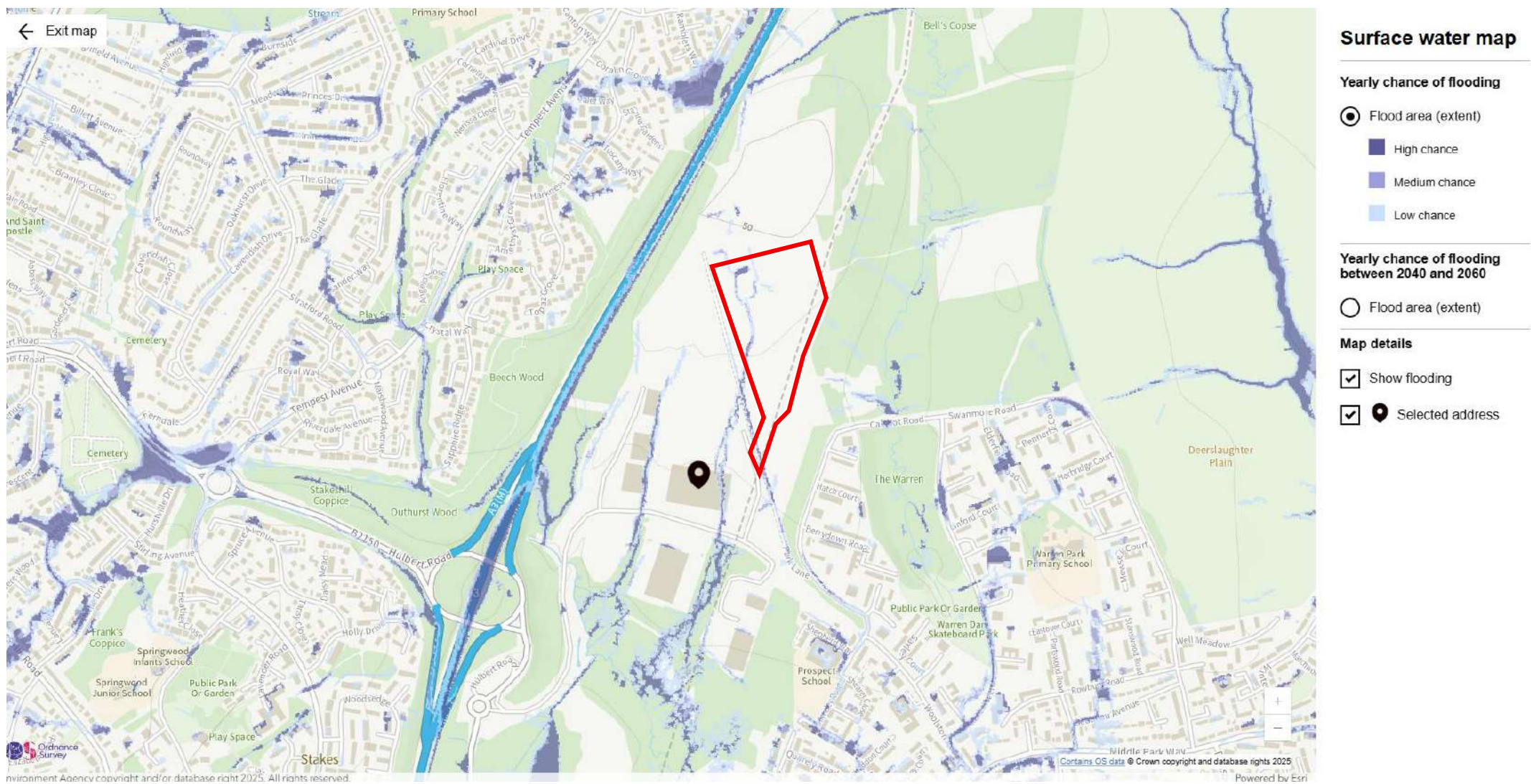
Scale
1:2,500

Created
10 Nov 2025 16:33

-  Selected area
-  Flood zone 3
-  Flood zone 2
-  Flood zone 1
-  Flood defence
-  Main river
-  Water storage area


0 20 40 60m

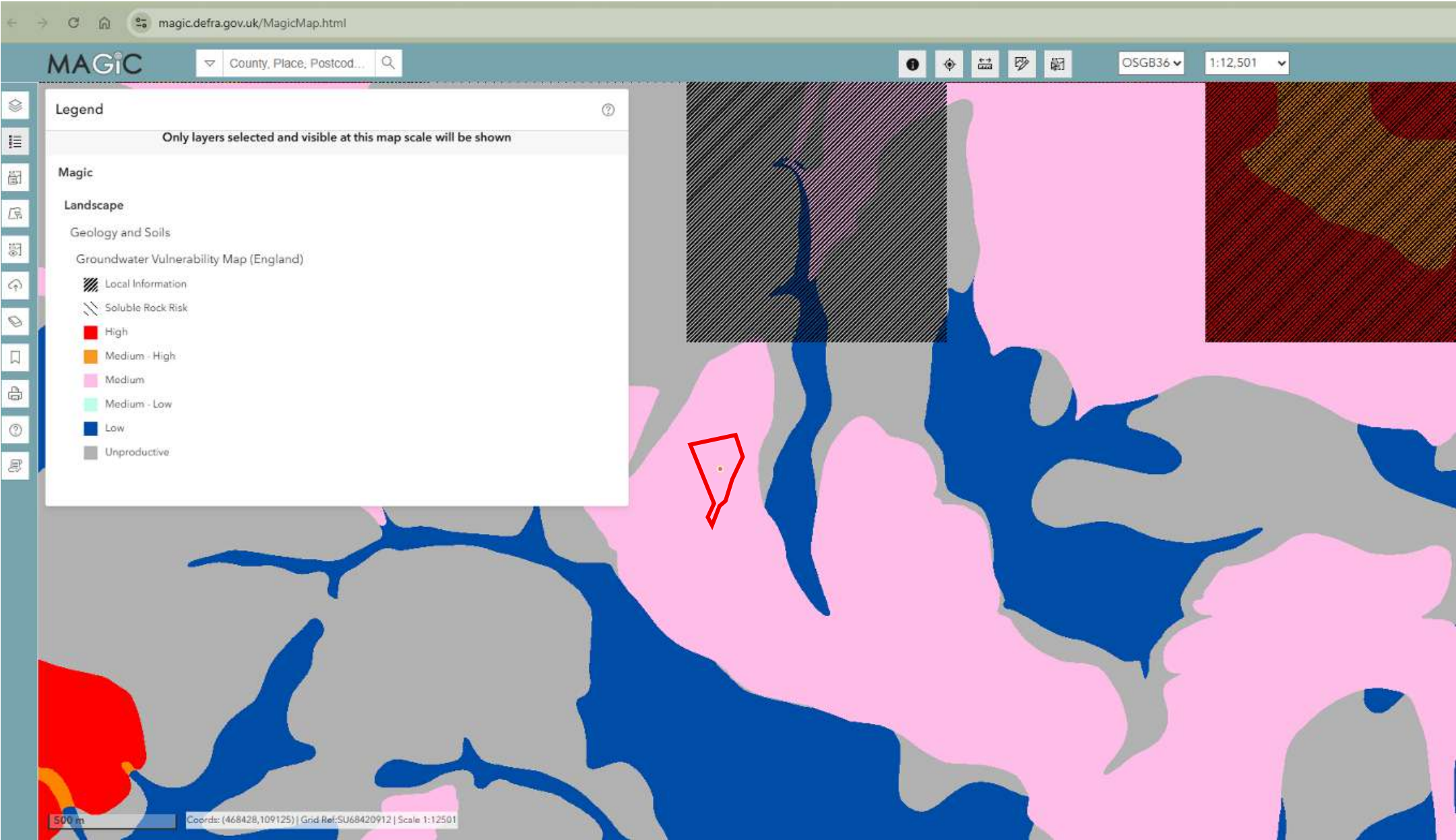
W24084 – Plot 600 & 601 Dunsbury Park – Surface Water Map



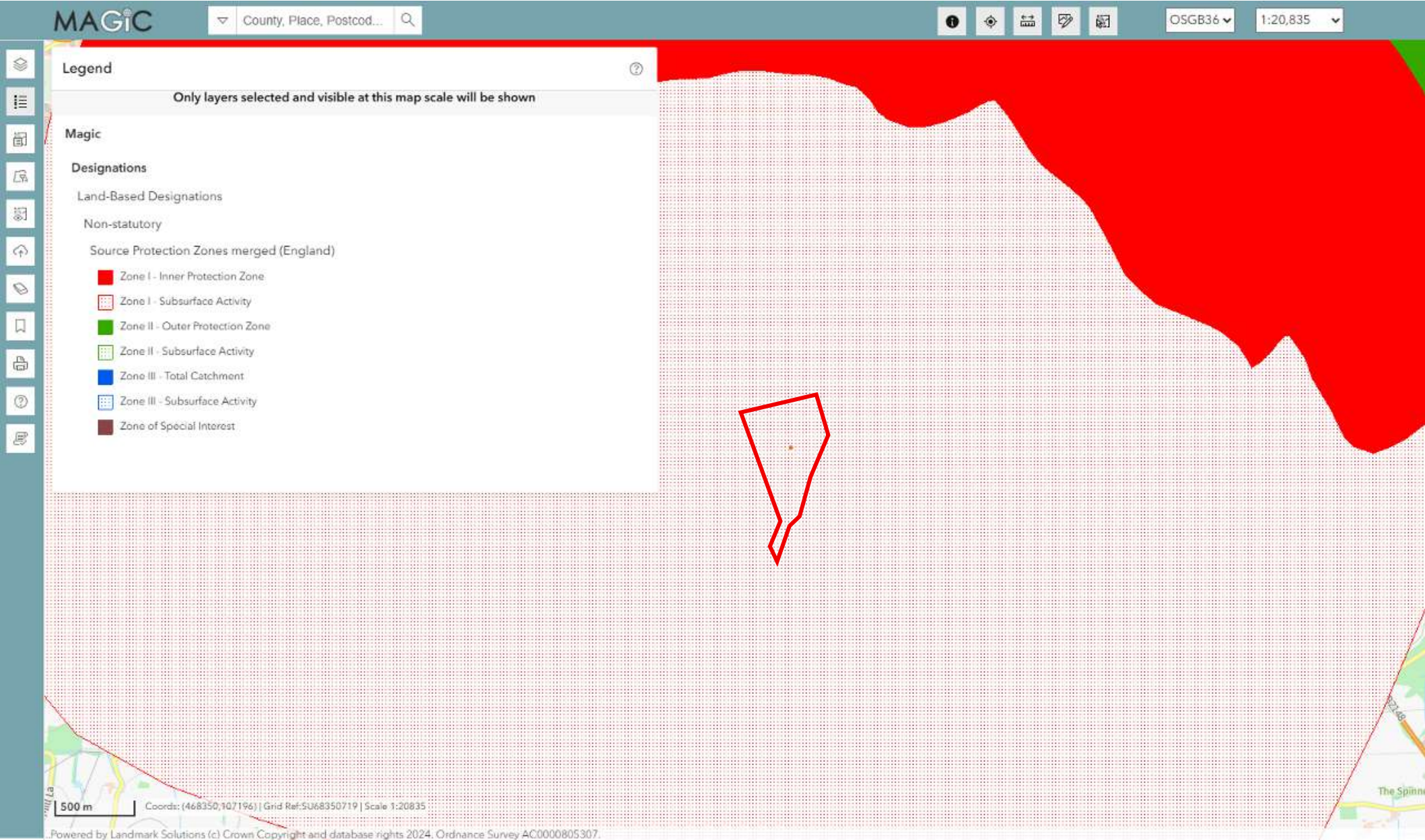
Appendix I

Magic Map

W24084 – Plot 600 & 601 Dunsbury Park – Surface Water Map

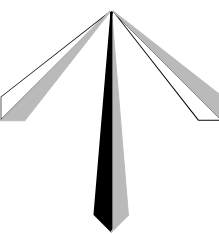


W24084 – Plot 600 & 601 Dunsbury Park – Surface Water Map



Appendix J

CCTV Survey Plan



GENERAL NOTES :-
1. CITY DRAINAGE SURVEY HAS BEEN PLOTTED ONTO A THIRD PARTY TOPOGRAPHICAL SURVEY, THEREFORE MIDLAND SURVEY ACCEPTS NO RESPONSIBILITY FOR ITS ACCURACY.
2. THIS DRAWING HAS BEEN PRODUCED WITH A PLOT SCALE ACCURACY OF 1:200
3. SERVICE COVERS INDICATED WHERE VISIBLE, PIPE INVERTS / DETAILS SURVEYED FROM SURFACE
4. ONLY ONE GENERAL INVERT ONLY GENERAL INVERTS / DETAILS SURVEYED FROM SURFACE
5. TREE SPACES SHOULD BE CONFIRMED BY TREE SPECIALIST IF CRITICAL.
6. OVERHEAD CABLES ARE INDICATED USING REMOTE SURVEY METHODS AND ARE SUBJECT TO SEASONAL VARIATION, AND SHOULD BE TREATED AS APPROXIMATE.
7. SERVICE COVERS LOCATED UNDER PARKED VEHICLES/MOBILE STRUCTURES MAYBE OMITTED
8. SERVICE COVER SLOPES SHOULD NOT BE INDICATED.

UTILITY SURVEY KEY	
	HATCHED AREA
	BOREHOLE
	CPT
	TRENCH PIT
	HAND PIT
	WINDOW SAMPLE
	ELECTRIC CABLE
	WATER PIPE
	FOUL SEWER
	STORM SEWER
	SEWER
	CABLE TELEVISION
	GAS
	TELEPHONE CABLE
	UNIDENTIFIED SERVICE
	OTHER
	CCTV
	TRAFFIC LIGHT
	OFFSET FULL
	MANHOLE
	GAUGE LINES
	PIPE
	ASSIGNED ROUTE
	TAKEN FROM RECORDS

UTILITY NOTES

ALL BURIED DRAINAGE FEATURES HAVE BEEN PLOTTED ON USING CCTV CHAINAGE. THEREFORE POSITIONS SHOULD BE TREATED AS GUIDE ONLY.

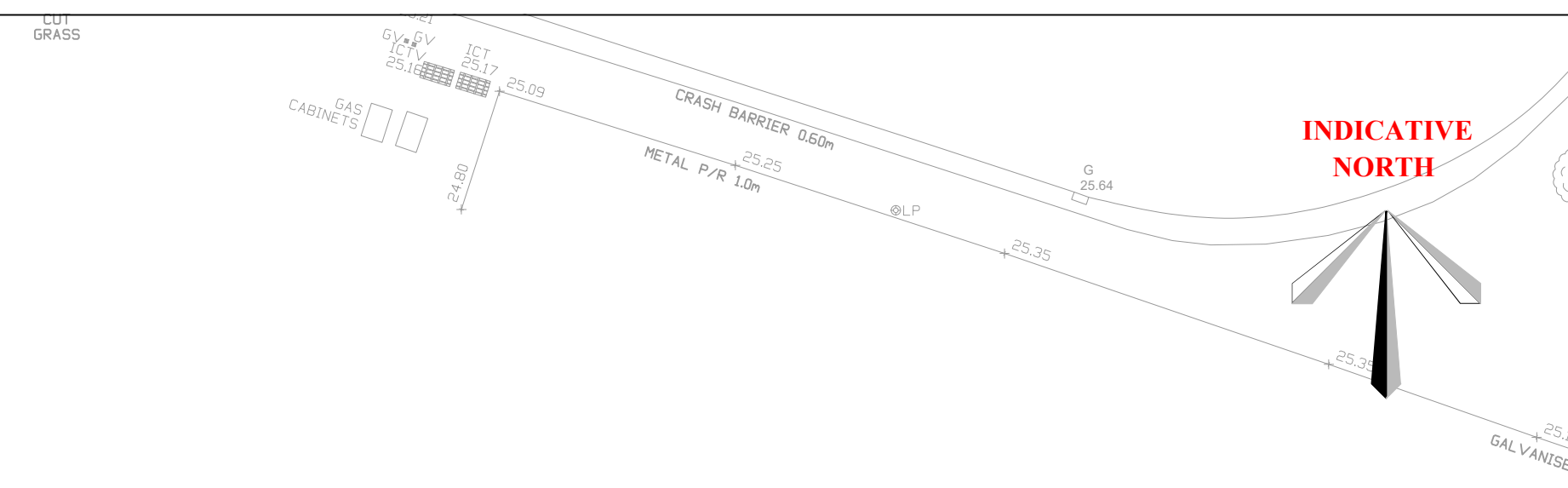


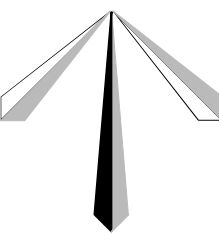
Client	AYSON YOUNG		
Project	DUNSBURY PARK, PORTSMOUTH, PO9 4EE		
Title	CCTV DRAINAGE SURVEY		
Date	OCTOBER 2021	Revisions	
Scale	1:200@A0		
Dwg No	UD0596 -01		
Surveyor	A.B / S.D		
Checked	R.P / L.K.B		






©Copyright Midland Survey Ltd. Reproduction of this information is prohibited without written authorisation from Midland Survey Ltd.





GENERAL NOTES :-

1. CITY DRAINAGE SURVEY HAS BEEN PLOTTED ONTO A THIRD PARTY TOPOGRAPHICAL SURVEY, THEREFORE MIDLAND SURVEY ACCEPTS NO RESPONSIBILITY FOR ITS ACCURACY.

2. THIS DRAWING HAS BEEN PRODUCED WITH A PLOT SCALE ACCURACY OF 1:2000

3. SURFACE COVERS INDICATED WHERE VISIBLE, PIPE INVERTS / DETAILS SURVEYED FROM SURFACE INSPECTION ONLY, GENERALLY DAMAGED COVERS AND COVERS WITH HIGHWAYS WILL NOT BE LIFTED

4. TREE SPECIES SHOULD BE CONFIRMED BY TREE SPECIALIST IF CRITICAL.

5. OVERHEAD CABLES ARE INDICATED USING REMOTE SURVEY METHODS AND ARE SUBJECT TO SEASONAL VARIATION, AND SHOULD BE TREATED AS APPROXIMATE.

6. SURFACE COVERS LOCATED UNDER PARKED VEHICLES/MOBILE STRUCTURES MAYBE OMITTED.

7. UNBURIED SERVICE COVERS WILL NOT BE INDICATED.

GENERAL NOTES :-

1. CITY DRAINAGE SURVEY HAS BEEN PLOTTED ONTO A THIRD PARTY TOPOGRAPHICAL SURVEY, THEREFORE MIDLAND SURVEY ACCEPTS NO RESPONSIBILITY FOR ITS ACCURACY.

2. THIS DRAWING HAS BEEN PRODUCED WITH A PLOT SCALE ACCURACY OF 1:2000

3. SURFACE COVERS INDICATED WHERE VISIBLE, PIPE INVERTS / DETAILS SURVEYED FROM SURFACE INSPECTION ONLY, GENERALLY DAMAGED COVERS AND COVERS WITH HIGHWAYS WILL NOT BE LIFTED

4. TREE SPECIES SHOULD BE CONFIRMED BY TREE SPECIALIST IF CRITICAL.

5. OVERHEAD CABLES ARE INDICATED USING REMOTE SURVEY METHODS AND ARE SUBJECT TO SEASONAL VARIATION, AND SHOULD BE TREATED AS APPROXIMATE.

6. SURFACE COVERS LOCATED UNDER PARKED VEHICLES/MOBILE STRUCTURES MAYBE OMITTED.

7. UNBURIED SERVICE COVERS WILL NOT BE INDICATED.

[illegible]

	MATCHED AREA		POLE, SENSER
	BOREHOLE		STORM DRAIN
	CPT		CONCRETE SENSER
	TRIAL PIT		DUCTS
	WINDOW PIT		CABLE, TELEVISION
	HAND SAMPLE		SAT. CABLE
			TELECOM CABLE
			GAS
			UNIDENTIFIED SERVICE
			OTHER CATCH
			TRAFFIC LIGHT
			OPT. TALL
			VENT
			GAUGE LINE
			PIPE
			PIPE
			ASSIGNED ROUTE
			TAKEN FROM RECORD

DISCLAIMER :-

Electromagnetic techniques have been used in the location of underground services. The results are not infallible and trial excavations should be carried out to confirm service identification, positions and particularly depths, where these are critical. The completeness of the underground services information cannot be guaranteed.

This method of survey does not differentiate between live and dead services, and as such all services should be treated as live. This drawing may not include the location of all public services that may cross the site, therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing.

Additional below ground structures or obstructions not shown on this drawing may be present. Reference should be made to historical plans and as-built drawings. Excavations in the vicinity of services should be carried out with due diligence. ref: HSG47 document avoiding dangers from underground services

ALL BURIED DRAINAGE FEATURES HAVE BEEN PLOTTED ON USING CCTV CHAINAGE, THEREFORE POSITIONS SHOULD BE TREATED AS GUIDE ONLY.

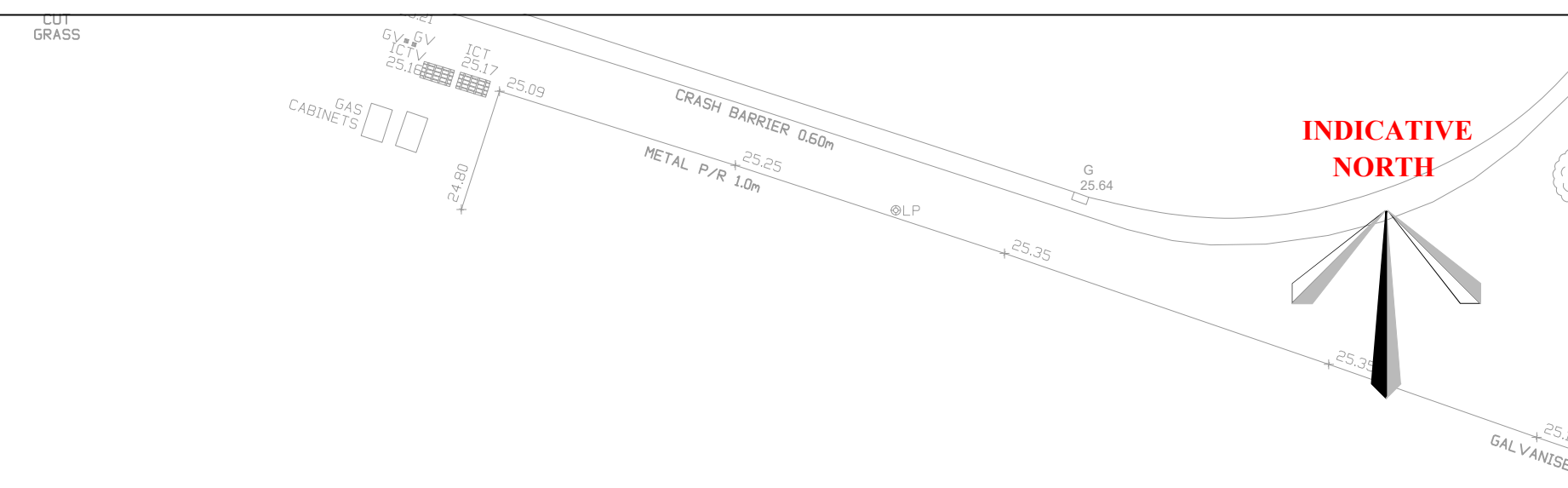


HEAD OFFICE
Cromwell House, Westfield Road, Southern, Warwickshire, CV47 0UH.
Tel: 01926 810811 Fax 01926 810812
E-Mail: mail@midlandsurvey.co.uk

Client	AWSON YOUNG	
Project	DUNSBURY PARK, PORTSMOUTH PO9 4EE	
Title	CCTV DRAINAGE SURVEY	
Date	OCTOBER 2021	Revisions
Scale	1:250@A0	
Tag No	U0596 -01	
Surveyor	A.B / S.D	
Checked	R.P / L.K.B	

**TOPOGRAPHICAL (LAND) SURVEYORS / UTILITY SURVEYORS
BUILDING MEASUREMENT SURVEYORS / 3D LASER SCANNING**





GENERAL NOTES :-
CITY ORANGE SURVEY HAS BEEN PLOTTED ONTO A THIRD PARTY TOPOGRAPHICAL SURVEY,
THEREFORE MIDLAND SURVEY ACCEPTS NO RESPONSIBILITY FOR ITS ACCURACY.
THIS DRAWING HAS BEEN PRODUCED WITH A PLOT SCALE ACCURACY OF 1:200
SERVICE COVERS INDICATED WHERE VISIBLE. PIPE INFENTS / DETAILS SURVEYED FROM SURFACE
INSPECTION ONLY. GENERALLY DAMAGED COVERS AND COVERS WITH HOBNAYS WILL NOT BE LIFTED
TREE SPECIES SHOULD BE CONFIRMED BY TREE SPECIALIST IF CRITICAL.
OVERHEAD CABLES ARE INDICATED USING REMOTE SURVEY METHODS AND ARE SUBJECT TO SEASONAL
VARIATION AND SHOULD BE TREATED AS APPROXIMATE.
SERVICE COVERS LOCATED UNDER PARKED VEHICLES/MOBILE STRUCTURES MAYBE OMITTED
BURIED SERVICE COVERS WILL NOT BE INDICATED.

[illegible]

	HATCHED AREA		FOUL SOWER
	BORHOLE		STOCK SENDER
	CPT		COMBINED SENDER
	TIRAL PIT		DUCTS
	HAND PIT		CABLE TELEVISION
	WINDOW SAMPLE		SAGA CABLE
			TELECOM CABLE
			GAS PIPE
			UNIDENTIFIED SERVICE
			OTHER
			CCTV
			TRAFFIC LIGHT
			OFFSET TALL
			VENT
			GAUGE LINE
			PUMP
			ASSUMED ROUTE
			TAKEN FROM RECORDS

DISCLAIMER :-

Electromagnetic techniques have been used in the location of underground services. The results are not infallible and trial excavations should be carried out to confirm service identification, positions and particularly depths where these are critical. The completeness of the underground services information cannot be guaranteed.

This method of survey does not differentiate between live and dead services, and as such all services should be treated as live. This drawing may not include the location of all public services that may cross the site, therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing.

Additional below ground structures or obstructions not shown on this drawing may be present. Reference should be made to historical plans and as-built drawings. Excavations in the vicinity of services should be carried out with due diligence. ref: HSG47 document avoiding dangers from underground services

ALL BURIED DRAINAGE FEATURES HAVE BEEN PLOTTED ON USING CCTV CHAINAGE. THEREFORE POSITIONS SHOULD BE TREATED AS GUIDE ONLY.



HEAD OFFICE
Cromwell House, Westfield Road, Southam, Warwickshire, CV47 0WH
Tel: 01926 810811 Fax 01926 810812
E-Mail: mc@midlandsurvey.co.uk

Client: AMSON YOUNG

Project DUNSBURY PARK, PORTSMOUTH, PO9 4EE

T750 OCTV DRAINAGE SURVEY

Date	OCTOBER 2021	P
------	--------------	---

Scale 1:200000

Dwg No U05596 -01

Surveyor AB / S.O

Checked R.P. / L.K.B.

TOPOGRAPHICA

BUILDING MEASUREMENT SURVEYORS / 3D LASER SCANNING



Appendix K
Ground Investigation Report

(Full report available upon request)