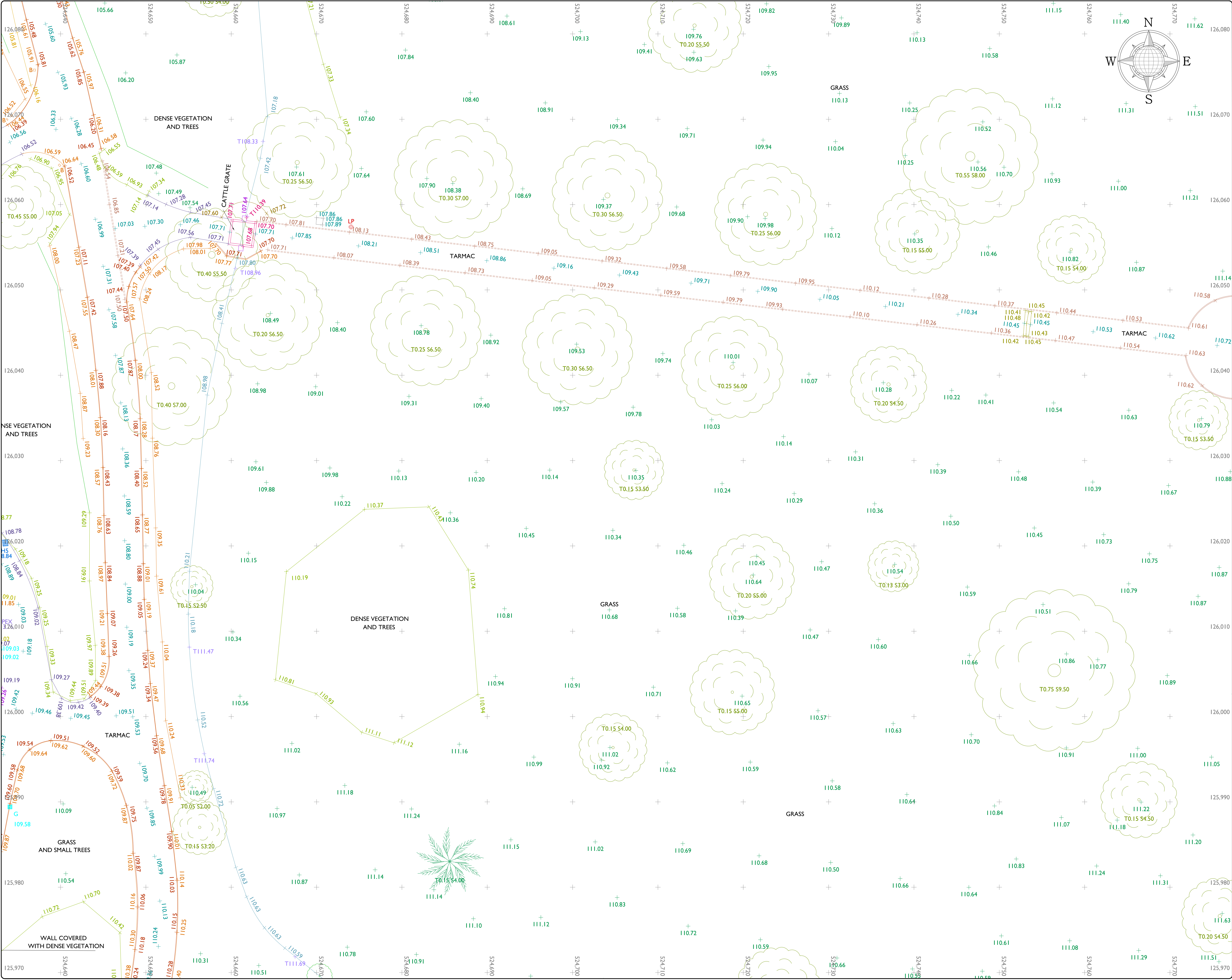




LEGEND

Topographic Linework Features

12.24 Air-Con Unit (ACU)	12.24 Hand Rail	12.24 Sky Light
12.24 Barrier	12.24 Hedge	12.24 Slope Bottom
12.24 Beam Line	12.24 Hoarding	12.24 Slope Top
12.24 Bench	12.24 Kerb Bottom	12.24 Slot Drain
12.24 Bin	12.24 Kerb Drop	12.24 Speed Bump
12.24 Boltard Illuminated	12.24 Kerb Top	12.24 Steel Cladding
12.24 Boltard	12.24 Lake	12.24 Steel Structure
12.24 Bridge	12.24 Land Drain	12.24 Surface Change
12.24 Building Facade	12.24 Lift	12.24 Tank
12.24 Building	12.24 Opening - Slab	12.24 Ticket Machine (TM)
12.24 Bus Stop Shelter	12.24 Overhang	12.24 Toilet
12.24 Cable Trough	12.24 Overhead Cables	12.24 Top of Fence Line
12.24 Canopy	12.24 Parapet	12.24 Top of Wall Line
12.24 Ceiling Line	12.24 Partition	12.24 Track
12.24 Centre Line	12.24 Parking Meter (PM)	12.24 Traffic Ctrl Box (TCB)
12.24 Column	12.24 Pipe Line	12.24 Tree Line
12.24 Column Bottom Line	12.24 Platform Train/Tram	12.24 Tree Drip Line
12.24 Column Top Line	12.24 Plinth	12.24 Tree Pit
12.24 Concrete Base/Slab	12.24 Pond	12.24 Vegetation Line
12.24 Contour Major	12.24 Post-box	12.24 Verge Line
12.24 Contour Minor	12.24 Rail	12.24 Wall Line
12.24 Cycle Line	12.24 Ramp	12.24 Window
12.24 Ditch	12.24 Red Line Dashed	12.24 Window Glazing
12.24 Drain	12.24 Red Line Solid	12.24 White Line Dashed
12.24 Duct	12.24 Red Line Double	12.24 White Line Double
12.24 Electric Box (EBOX)	12.24 River Edge	12.24 White Line Solid
12.24 Fence	12.24 Road Edge	12.24 Yellow Line Dashed
12.24 Feature	12.24 Road Scar Line	12.24 Yellow Line Double
12.24 Flowerbed	12.24 Road Text	12.24 Yellow Line Solid
12.24 Footpath	12.24 Root	
12.24 Grating	12.24 Sanitary	
12.24 Grid Line	12.24 Service	

Topographic Point Features

AV Air Valve	IC Inspection Cover	RS Road Sign
APEX Apes Building	IC-CATV	RE Rodding Eye
Red Level	IC - Comms	SA Sector Antenna
Balisha Beacon	IC - Electric	SGN Sign (General)
Boltard	IC - Round	SOF Soffit Level
Bolt	IC - Telecom	SP Stop Height
Borehole	IC - Traffic	SC Stop Cock
Bush	IC - Traffic	TP Telegraph Pole
CCTV Camera Pole	Invert Level	T Top of Fence Level
Ceiling Elevation	Lamp Post	T2222 Top of Tree Level
Dipole	MH Manhole	T2222 Top of Wall Level
Earth Rod	MH - Foul	TL Traffic Light
Eave	MH - Round	Tree (TX XX SX XX)
Electrical Pole	MH - Surface Water	T=Trunk Radius(m)
Fire Hydrant	Marker Post	S=Spread Radius(m)
Floor Level	MW Microwave Dish	Tree Deciduous
Gas Meter	Gate	Tree Trunk
Gas Valve	Glue	Valve General
Gully	Pipe - Down	WL Water Level
Gully Round	POLE Pole	WM Water Meter
	Post	WV Water Valve

Special Features

DATUM Datum Point	E=XXXXXXX Survey Station
Photo Point	ID N=YYYYYYY
Panoramic Photo Point	E=XXXXXXX Scan Target
	ID N=YYYYYYY

Fence Types

BW Barbed Wire	CL Chain Link	O/B Open Boarded
C/B Close Boarded	H Heat and Wire	PW Post and Wire
C/I Corrugated Iron	IR Iron Railings	P/R Post and Rail

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Revisions				
Rev	Description	Surveyed by	Drawn by	Checked by
1	First Issue	RE - 12/06/2017	RE - 12/06/2017	MSL-12/06/2017

Drawing Sheet Layout

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Setting-Out, As-Built Surveys, Hydrographic Surveys, Legal Mapping,
Pipeline Surveys, Services Location, Ground Penetrating Radar,
Laser Scanning, Aerial Photography

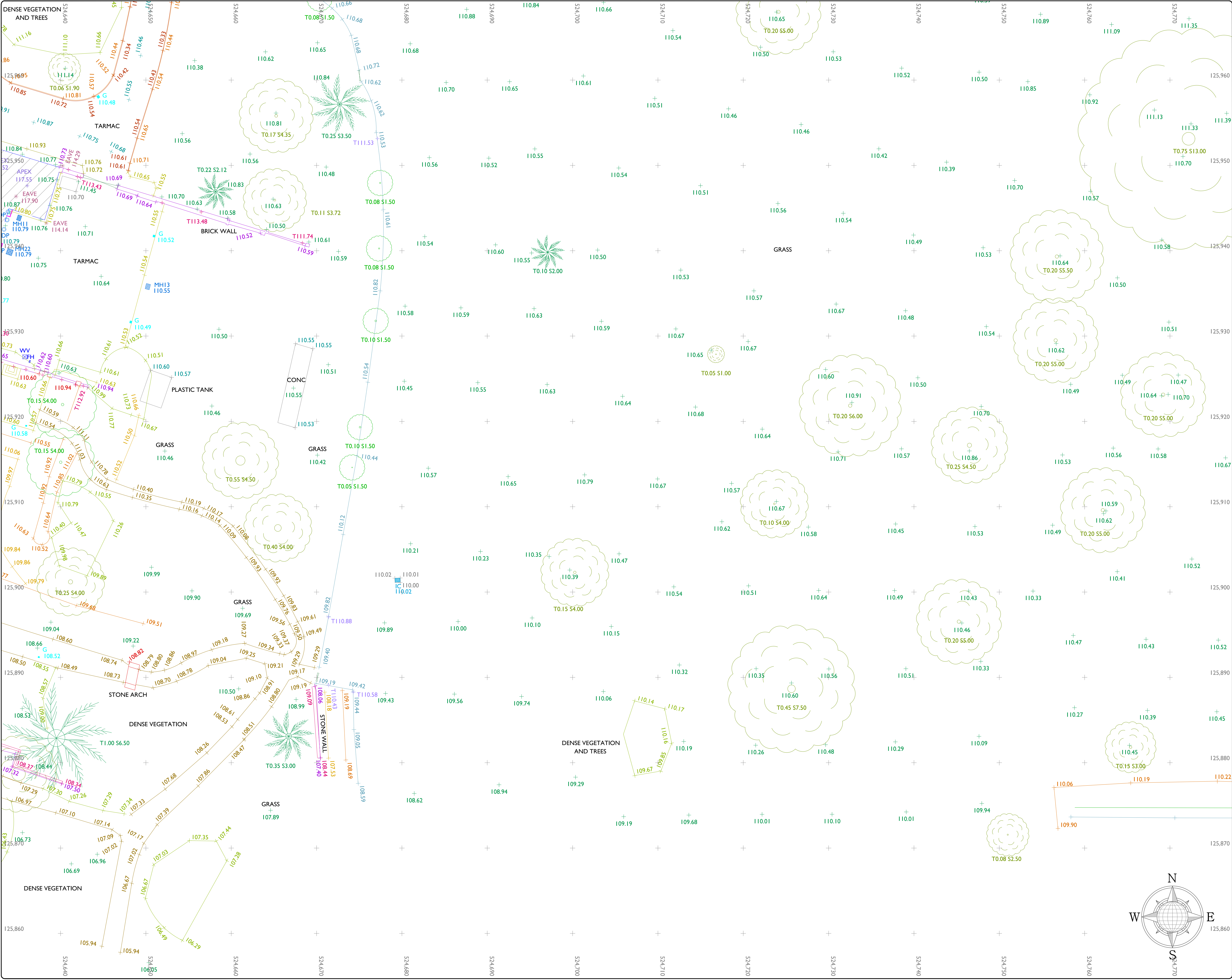
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9 Devonshire Square Phone: (+44) 020 3178 6644
London Email: london@murphysurveys.co.uk
EC2M 4YF

www.murphysurveys.co.uk

Client	Purcell UK
Project	Lydhurst Estate
Site Address	Lydhurst Estate Warmingld, Haywards Heath West Sussex RH17
Description	Topographical Survey
Survey Grid	Localised OSGB36(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
Drawing Scale	1:200 @ A1
Drawing Number	MSL21712-T-10

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LEGEND

Topographic Linework Features

12.24 Air-Con Unit (ACU)

12.24 Barrier

12.24 Beam Line

12.24 Bench

12.24 Bin

12.24 Boltard Illuminated

12.24 Boltard

12.24 Bridge

12.24 Building Facade

12.24 Building

12.24 Bus Stop Shelter

12.24 Cable Trough

12.24 Canopy

12.24 Ceiling Line

12.24 Centre Line

12.24 Column

12.24 Column Bottom Line

12.24 Column Top Line

12.24 Concrete Base/Slab

12.24 Contour Major

12.24 Contour Minor

12.24 Cycle Line

12.24 Ditch

12.24 Door

12.24 Duct

12.24 Electric Box (EBOX)

12.24 Fence

12.24 Figure

12.24 Flowerbed

12.24 Footpath

12.24 Grating

12.24 Grid Line

12.24 Hand Rail

12.24 Hedge

12.24 Hoarding

12.24 Kerb Bottom

12.24 Kerb Top

12.24 Kerb Cladding

12.24 Lake

12.24 Lamp Line

12.24 Lift

12.24 Opening - Slab

12.24 Overhang

12.24 Overhead Cables

12.24 Parapet

12.24 Partition

12.24 Parking Meter (PM)

12.24 Pipe Line

12.24 Platform Train/Tram

12.24 Plinth

12.24 Pond

12.24 Post-box

12.24 Rail

12.24 Ramp

12.24 Red Line Dashed

12.24 Red Line Solid

12.24 Red Line Double

12.24 River Edge

12.24 Road Edge

12.24 Road Scar Line

12.24 Road Text

12.24 Root

12.24 Sanitary

12.24 Service

12.24 Sky Light

12.24 Slope Bottom

12.24 Slope Top

12.24 Slot Drain

12.24 Speed Bump

12.24 Steel Cladding

12.24 Steel Structure

12.24 Surface Change

12.24 Tank

12.24 Telephone Box (TB)

12.24 Ticket Machine (TM)

12.24 Toilet

12.24 Top of Fence Line

12.24 Top of Wall Line

12.24 Track

12.24 Traffic Ctr Box (TCB)

12.24 Tree Dip Line

12.24 Tree Line

12.24 Trial Pit

12.24 Vegetation Line

12.24 Verge Line

12.24 Wall Line

12.24 Window

12.24 Window Glazing

12.24 White Line Dashed

12.24 White Line Double

12.24 White Line Solid

12.24 Yellow Line Dashed

12.24 Yellow Line Double

12.24 Yellow Line Solid

Topographic Point Features

AV Air Valve

APX Apex Building

B Bed Level

BB Bellisha Beacon

B Boltard

BOLT Bolt

B Borehole

B Bush

CP CCTV Camera Pole

C Ceiling Elevation

D Dipole

E Earth Rod

EAVE Eave

E Electrical Pole

F Fire Hydrant

F Floor Level

G Gas Meter

G Gas Valve

G Gully

G Gully Round

IC Inspection Cover

IC CATV

IC Comms

IC Electric

IC Round

IC Telecom

IC Traffic

IC Invert

IC Lamp Post

MH Manhole

MH Foul

MH Round

MH Surface Water

MS Marker Post

MW Microwave Dish

G Gas Valve

G Gully

G Gully Round

POE Pole

POST Post

R Road Sign

R Rodding Eye

SA Sector Antenna

Sign (General)

SOF Soffit Level

SP Spot Height

SC Stop Cock

TP Telegraph Pole

Top of Fence Line

Top of Tree Level

Top of Wall Level

Tree (TX XX SX XX)

S-Spread Radius(m)

Tree Coniferous

Tree Deciduous

Tree Trunk

Valve General

Water Level

Water Meter

Water Valve

Special Features

DATUM Datum Point

Photo Point

Panoramic Photo Point

E=XXXXXXX

N=YYYYYYY

H=ZZZZZZ

E=XXXXXXX

N=YYYYYYY

H=ZZZZZZ

Survey Station

Scan Target

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Revisions

Rev	Description	Surveyed by	Drawn by	Checked by
1	First Issue	RE - 12/06/2017	RE - 12/06/2017	MSA-12/06/2017

Drawing Sheet Layout

3

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THE SURVEY

REGISTERED

150 990 01

ACS

REGISTERED

150 990 01

Client

Purcell UK

Project

Lydthurst Estate

Site Address

Lydthurst Estate
Warmingld, Haywards Heath
West Sussex RH17

Description

Topographical Survey

Survey Grid

Localised OSGB36(15) - Scale Factor 1.0

Survey Datum

GNSS - Ordnance Datum Newlyn (ODN)

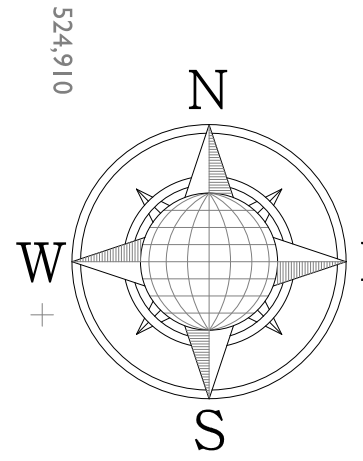
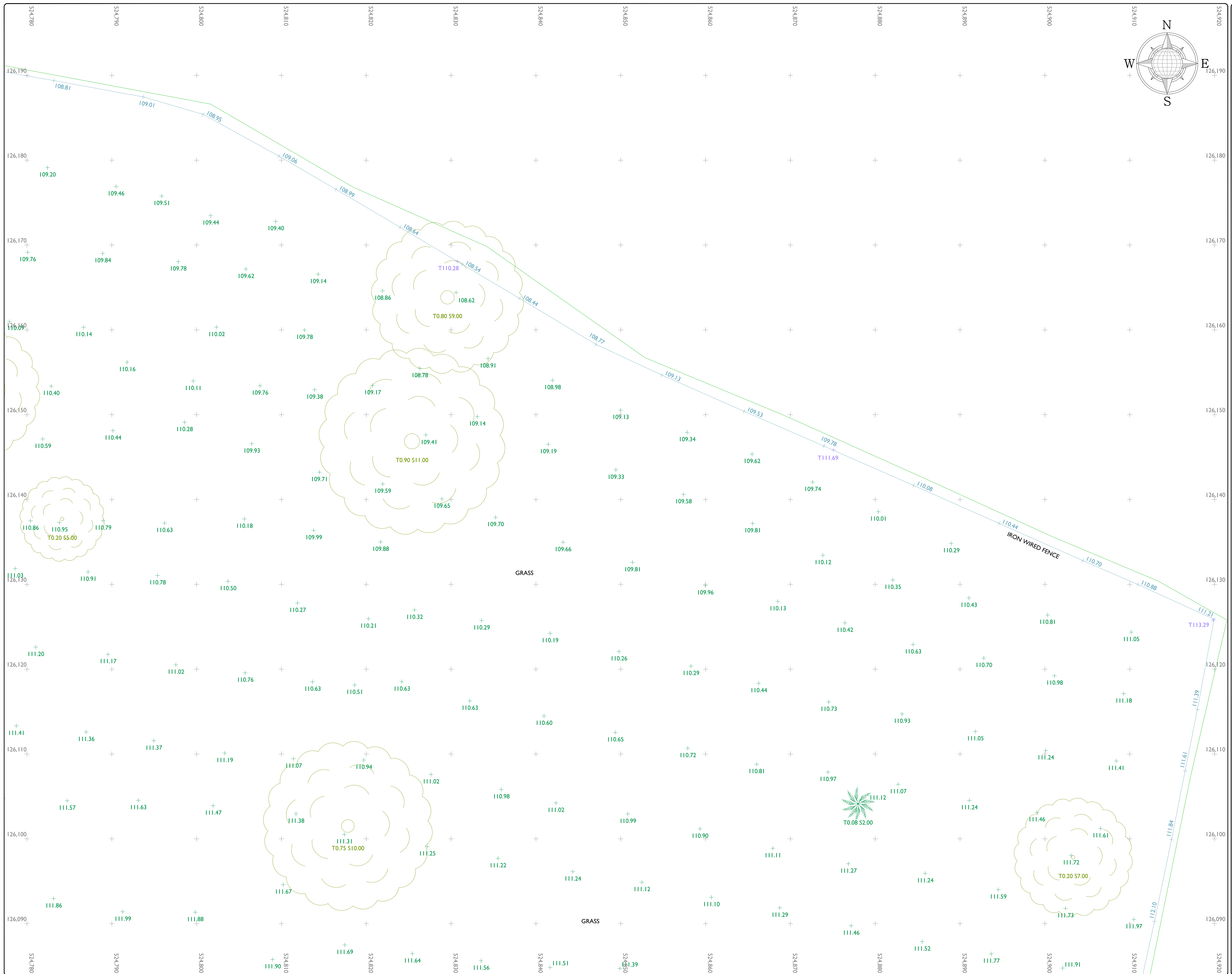
Drawing Scale

1:200 @ A1

Drawing Number

MSL21712-T-11

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LEGEND

Topographic Linework Features

12-24	Ban Center Unit (ACU)	12-24	Hail Hand	12-24	Sky Light
12-24	Air-En	12-24	Hedge	12-24	Stops Bottom
12-24	Boat	12-24	High Top	12-24	Top
12-24	Bench	12-24	Kerb Bottom	12-24	Stop Dam
12-24	Boat Drummed	12-24	High Top	12-24	Stop Lamp
12-24	Bollard	12-24	Kerb Top	12-24	Steel Cladding
12-24	Bollard	12-24	Lake	12-24	Steel Structure
12-24	Bridge	12-24	Overhead Drain	12-24	Surface
12-24	Building Facade	12-24	Lift	12-24	Surface Change
12-24	Change	12-24	Overhang - Slab	12-24	Telephone Box (TB)
12-24	Bus Stop Shelter	12-24	Overhang	12-24	Tool Machine (TM)
12-24	Cable Cables	12-24	Overhead Cables	12-24	Traffic Cone (TC)
12-24	Cable Line	12-24	Parking Meter	12-24	Top of Fence Line
12-24	Ceramic Line	12-24	Partition	12-24	Top of Wall Line
12-24	Column	12-24	Parking Meter (PM)	12-24	Top of Wall Line
12-24	Column Bottom Line	12-24	Platform	12-24	Traffic Cone Box (TCB)
12-24	Concrete Slab	12-24	Platform Train/Tram	12-24	Tree Line
12-24	Concrete Base/Slab	12-24	Pond	12-24	Tree Line
12-24	Control Major	12-24	Post-box	12-24	Trail Pit
12-24	Covered Minor	12-24	Ramp	12-24	Underground Line
12-24	Cyber Lane	12-24	Ramp	12-24	Vent
12-24	Duct	12-24	Red Line Dashed	12-24	Wall Line
12-24	Door	12-24	Red Solid	12-24	Wall Line
12-24	Duct	12-24	Red Solid Double	12-24	Window
12-24	Electric Box (EBOX)	12-24	Roof Edge	12-24	Window Glazing
12-24	Fence	12-24	Road Edge	12-24	White Line Double
12-24	Fence	12-24	Road Side Foot	12-24	White Line Double
12-24	Flowerbed	12-24	Road Side Foot	12-24	Yellow Line Dashed
12-24	Footpath	12-24	Roof	12-24	Yellow Line Dashed
12-24	Garden	12-24	Roof Double	12-24	Yellow Line Dashed
12-24	Grass Line	12-24	Service	12-24	Yellow Line Solid

Topographic Point Features

[illegible]

Special Features

	Datum Point		E=XXXX.XXX N=YYYY.YYY H=ZZZ.ZZZ	Survey Station
	Photo Point			
	Panoramic Photo Point		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

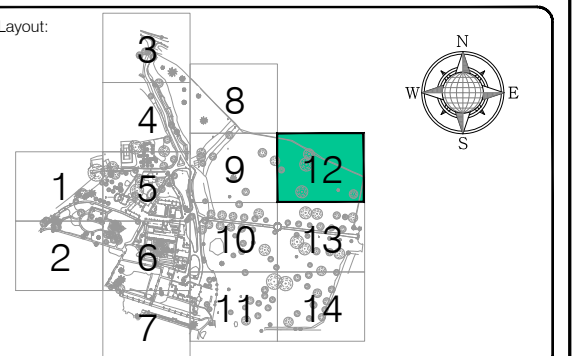
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[illegible]

Drawing Sheet Layout



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JK Head Office

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London Email: london@murphysurvey.co.uk

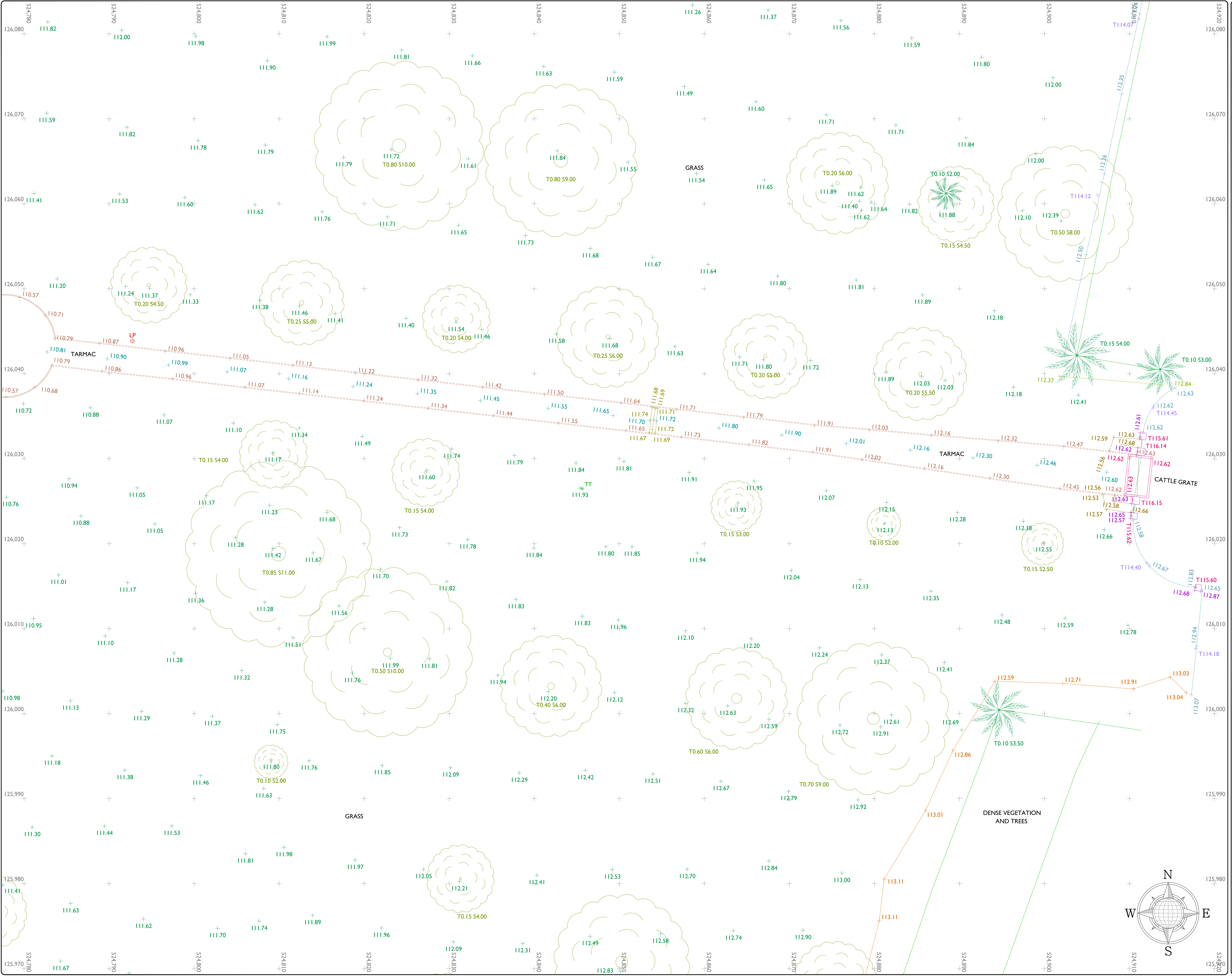
London
EC2M 4YF

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Client	Purcell UK
Project	Lydhurst Estate
Site Address	Lydhurst Estate Warringfold, Haywards Heath West Sussex RH17
Description	Topographical Survey
Survey Grid	Localised OSGB36(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
Drawing Scale	1:200 @ A1
Drawing Number	MSL21712-T-12

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LEGEND

Topographic Linework Features

12.24 Air-Con Unit (ACU)	12.24 Hand Rail	12.24 Sky Light
12.24 Barrier	12.24 Hedge	12.24 Slope Bottom
12.24 Beam Line	12.24 Hoarding	12.24 Slope Top
12.24 Bench	12.24 Kerb Bottom	12.24 Slot Drain
12.24 Bin	12.24 Kerb Drop	12.24 Speed Bump
12.24 Boltard Illuminated	12.24 Kerb Top	12.24 Steel Cladding
12.24 Boltard	12.24 Lake	12.24 Steel Structure
12.24 Bridge	12.24 Land Drain	12.24 Step
12.24 Building Facade	12.24 Lift	12.24 Surface Change
12.24 Building	12.24 Opening - Slab	12.24 Tank
12.24 Bus Stop Shelter	12.24 Overhang	12.24 Telephone Box (TB)
12.24 Cable Trough	12.24 Overhead Cables	12.24 Ticket Machine (TM)
12.24 Canopy	12.24 Parapet	12.24 Toilet
12.24 Ceiling Line	12.24 Partition	12.24 Top of Fence Line
12.24 Centre Line	12.24 Parking Meter (PM)	12.24 Top of Wall Line
12.24 Column	12.24 Pipe Line	12.24 Track
12.24 Column Bottom Line	12.24 Platform Train/Tram	12.24 Traffic Ctrl Box (TCB)
12.24 Column Top Line	12.24 Plinth	12.24 Tree Drip Line
12.24 Concrete Base/Slab	12.24 Pond	12.24 Tree Line
12.24 Contour Major	12.24 Post-box	12.24 Trial Pit
12.24 Contour Minor	12.24 Rail	12.24 Vegetation Line
12.24 Cycle Line	12.24 Ramp	12.24 Vent
12.24 Ditch	12.24 Red Line Dashed	12.24 Verge Line
12.24 Door	12.24 Red Line Solid	12.24 Wall Line
12.24 Duct	12.24 Red Line Double	12.24 Window
12.24 Electric Box (EBOX)	12.24 River Edge	12.24 Window Glazing
12.24 Fence	12.24 Road Edge	12.24 White Line Dashed
12.24 Feature	12.24 Road Scar Line	12.24 White Line Double
12.24 Flowerbed	12.24 Road Text	12.24 White Line Solid
12.24 Footpath	12.24 Roof	12.24 Yellow Line Dashed
12.24 Grating	12.24 Sanitary	12.24 Yellow Line Double
12.24 Grid Line	12.24 Service	12.24 Yellow Line Solid

Topographic Point Features

AV 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 Bellisha Beacon	IC-Electric	SGN Sign (General)
B Boltard	IC-Round	SOF Soffit Level
BOLT Bolt	IC-Telecom	SP Spot Height
BH Borehole	IC-Traffic	SC Stop Cook
B Bush	Invert Level	TP Telegraph Pole
CP CCTV Camera Pole	Lamp Post	TL Top of Fence Level
CE Ceiling Elevation	MH Manhole	TT Top of Tree Level
D Dipole	MH-Foul	TW Top of Wall Level
ER Earth Rod	MH-Round	TI Traffic Light
EVE Eave	MH-Surface Water	TL Traffic Light
EP Electrical Pole	MS Masker Post	TR Tree (TX XX SX XX)
FH Fire Hydrant	MW Microwave Dish	T Trunk Radius(m)
F Floor Level	GL Gate	S Spread Radius(m)
GM Gas Meter	Pipe - Down	TC Tree Coniferous
GV Gas Valve	POE Pole	TD Tree Deciduous
GL Gate	POST Post	TT Tree Trunk
Gully		VG Valve General
Gully Round		WL Water Level
		WM Water Meter
		WV Water Valve

Special Features

DATUM Datum Point	E=XXXXXXX Survey Station
PP Photo Point	N=YYYYYYY Scan Target
PANORAMIC Photo Point	N=YYYYYYY Scan Target

Fence Types

BW Barbed Wire	CL Chain Link	OB Open Boarded
CB Close Boarded	H Hasps	PW Post and Wire
Ct Corrugated Iron	IR Iron Railings	PVR Post and Rail

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Revisions

Rev	Description	Surveyed by	Drawn by	Checked by
1	First Issue	RE - 12/06/2017	RE - 12/06/2017	MSA - 12/06/2017

Drawing Sheet Layout

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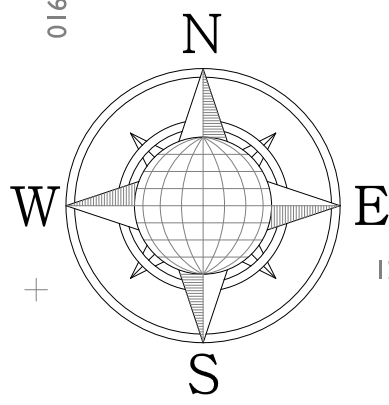
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London Email: london@murphysurveys.co.uk
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Client	Purcell UK
Project	Lydhurst Estate
Site Address	Lydhurst Estate Warmingld, Haywards Heath West Sussex RH17
Description	Topographical Survey
Survey Grid	Localised OSGB36(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
Drawing Scale	1:200 @ A1
Drawing Number	MSL21712-T-13

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LEGEND

Topographic Linework Features

12-24 Air-Con Unit (ACU)	12-24 Hand Rail	12-24 Sky Light
12-24 Hedge	12-24 Hedge	12-24 Stone Slope
12-24 Bench	12-24 Bench	12-24 Tree
12-24 Bench	12-24 Kerb Bump	12-24 Stair Drain
12-24 Bin	12-24 Kerb Bump	12-24 Speed Bump
12-24 Barbed Flume Illuminated	12-24 Barbed Flume	12-24 Landing
12-24 Bollard	12-24 Lake	12-24 Steel Structure
12-24 Bollard	12-24 Lake	12-24 Steel Structure
12-24 Building Facade	12-24 Lift	12-24 Surface Change
12-24 Building	12-24 Opening - Slab	12-24 Tank
12-24 Cable Shower	12-24 Changing	12-24 Telephone Booth (TB)
12-24 Cable Tether	12-24 Overhead Cables	12-24 Telephone Box (TM)
12-24 Ceiling	12-24 Partition	12-24 Top of Fence Line
12-24 Ceiling	12-24 Partition	12-24 Top of Fossil Line
12-24 Column Base	12-24 Parking Meter (PM)	12-24 Top of Wall Line
12-24 Column Base	12-24 Platform	12-24 Traffic Cone Box (TCB)
12-24 Concrete Slab	12-24 Platform/Train	12-24 Tree Drop Line
12-24 Column/Base/Slab	12-24 Plant	12-24 Tree Drop Line
12-24 Concrete Major	12-24 Post-box	12-24 Tree Pit
12-24 Concrete Minor	12-24 Post-box	12-24 Tree Pit
12-24 Cycle Lane	12-24 Ramp	12-24 Tunnel Line
12-24 Cycle Lane	12-24 Ramp	12-24 Vent
12-24 Ditch	12-24 Red Line Dashed	12-24 Venge Line
12-24 Duct	12-24 Red Line Solid	12-24 Venge Line
12-24 Duct	12-24 Red Line Double	12-24 Window
12-24 Electric Box (EBOX)	12-24 Red Line Double	12-24 Window
12-24 Fence	12-24 Road Edge	12-24 Window Glazing
12-24 Fence	12-24 Road Edge	12-24 White Line Dashed
12-24 Fixture	12-24 Road Scar Line	12-24 White Line Double
12-24 Fixture	12-24 Road Scar Line	12-24 White Line Double
12-24 Footpath	12-24 Road	12-24 Yellow Line Dashed
12-24 Footpath	12-24 Road	12-24 Yellow Line Double
12-24 Footpath	12-24 Sanitary	12-24 Yellow Line Double
12-24 Footpath	12-24 Sanitary	12-24 Yellow Line Double
12-24 Grid Line	12-24 Yellow Solid	12-24 Yellow Solid
12-24 Grid Line	12-24 Yellow Solid	12-24 Yellow Solid

Topographic Point Features

[illegible]

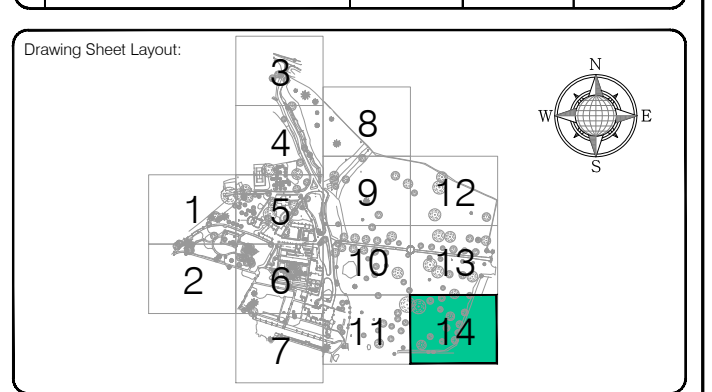
Special Features

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

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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Client	Purcell UK
Project	Lydhurst Estate
Site Address	Lydhurst Estate Warninglidj, Haywards Heath West Sussex RH17
Description	Topographical Survey
Survey Grid	Localised OSGB36(15) - Scale Factor 1.0
Survey Datum	GNSS - Ordnance Datum Newlyn (ODN)
Drawing Scale	1:200 @ A1
Drawing Number	MSL21712-T-14

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APPENDIX C – BOREHOLE RECORDS



Borehole Log						Borehole No. 1	
Contract No. F. 3526		Borehole Log		Sheet 1 of 1			
Location Warrington		TQ 22 NE/S		Chainage 125889 S.N. 526 663.5 F			
Client West Cheshire County Council		26664 25889		Ground Level 109.1 m.A.O.D.			
Method of Boring Percussion				Date 1.12.76			
Diameter of Borehole 150mm							
Description of Strata	Legend	Depth Below G.L. (m)	O.D. Level (m)	Test-ing	Sampling and Coring	"N"	Daily Progress
MADEGROUND:- Soft brown silty clay		0.20	108.9				
MADEGROUND:- stiff brown very sandy clay with sandstone fragments		0.90	108.2	MC	0.50		
MADEGROUND:- stiff red-brown mottled silty clay with sandstone fragments		1.40	107.7	A,T,C	1.00-1.50		
MADEGROUND:- stiff brown sandy clay with sandstone fragments		1.90	107.2	MC	1.90		
MADEGROUND:- firm grey brown and yellow mottled silty clay		2.40	106.7	T,C	2.00-2.50		
MADEGROUND:- stiff brown-grey silty clay with small siltstone fragments				MC	3.00		
				A,T,C	3.50-4.00		
		3.90	105.2				
MADEGROUND:- stiff grey-green silty clay with occasional brick fragments		4.50	104.6				
Dense brown slightly clayey SAND (completely weathered SANDSTONE)		5.00	104.1	MC,C	4.70-5.00	62 for 300mm	1/12

Type of Sample	Remarks (Observations of Ground Water etc.)
Is S.P.T. ☐ Undisturbed	Borehole dry.
Ic. C.P.T. ☒ Vane	Key to testing - MC: Moisture content, A: Atterberg Limits
O Jar ☒ Water	T: Triaxial C: Chemical
⊙ Bulk ☒ Piezometer	
Water levels are subject to seasonal or tidal variations and should not be taken as constant	