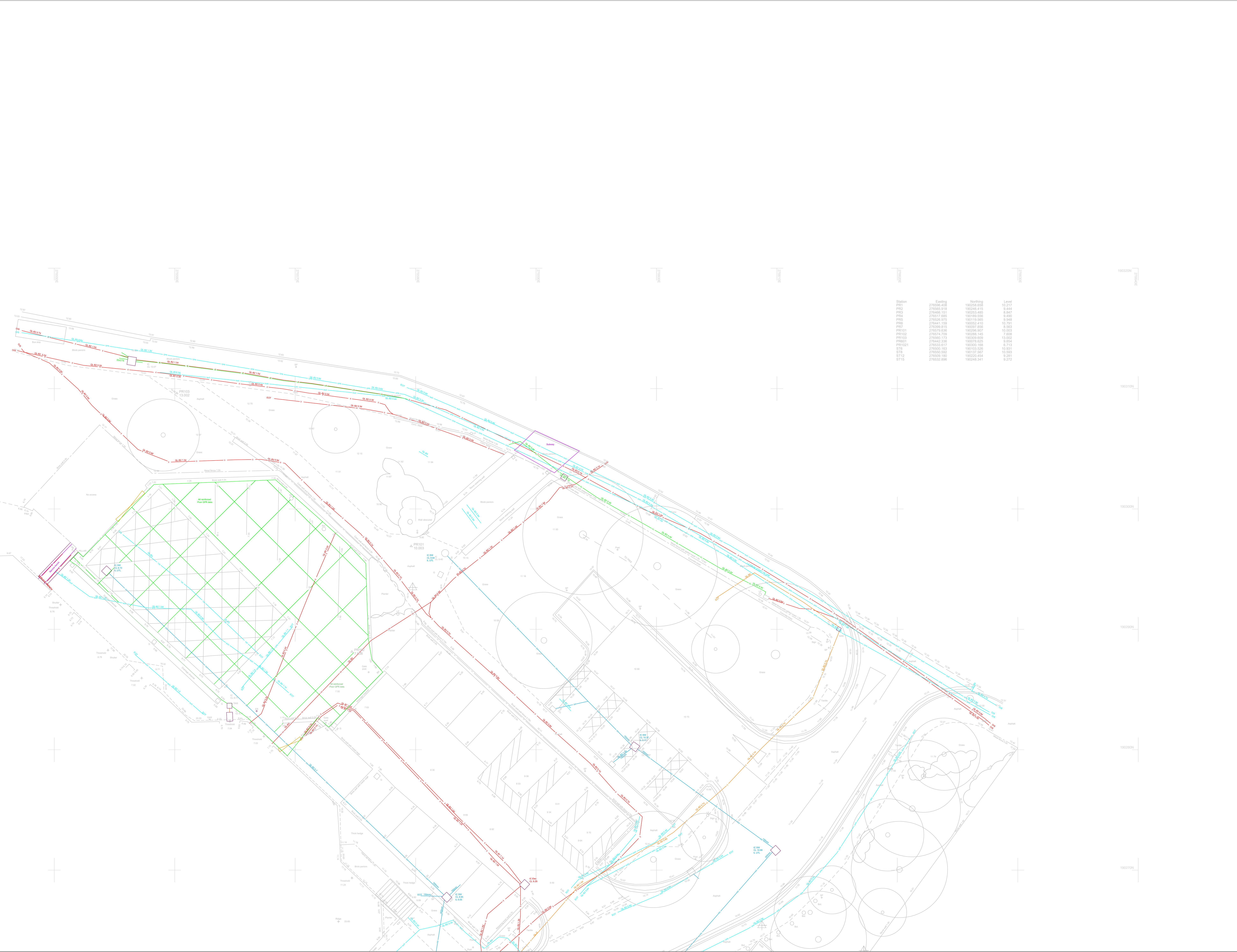




Station	Easting	Northing	Level
PR1	276586.638	100208.658	10.217
PR2	276565.918	100245.415	9.444
PR3	276569.151	100253.485	9.847
PR4	276517.295	100189.524	9.468
PR5	276535.975	100119.555	9.949
PR6	276443.159	100024.410	10.797
PR7	276389.815	100097.856	10.563
PR101	276579.656	100299.907	10.003
PR102	276574.709	100288.145	7.600
PR103	276560.173	100299.659	10.002
PR104	276442.335	100078.625	9.654
PR105	276533.617	100300.146	9.715
ST6	276500.163	100103.526	10.931
ST8	276502.592	100127.567	10.565
ST12	276509.180	100220.454	9.291
ST15	276532.595	100246.341	9.272

Coordinate System
This survey has been oriented to the Ordnance Survey (OS) National Grid and Datum using GPS observations and the OS Active Network.
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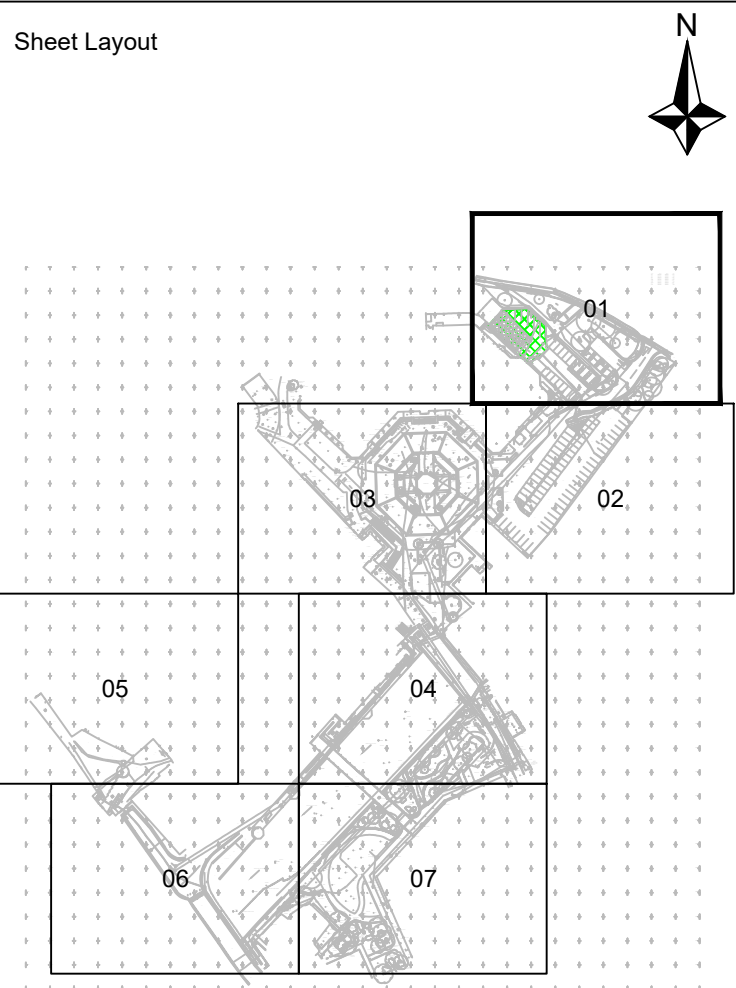
PAS 128 Quality Levels
D - Location abstracted from records. Indicative information only.
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A - Horizontal and vertical location of the top and/or bottom of the utility established from an inspection chamber, manhole, or excavations.
Detection method for EML - M77 Detection method for GPR - M77

Notes
1. Dimensions should not be scaled. All dimensions should be verified on site prior to construction.
2. All dimensions and levels are in metres unless otherwise stated.
3. Some detail may have been obscured by parked vehicles, stored materials, overgrown vegetation, and leaf litter.
4. All drainage and utility service information has been determined without chain entry into chambers. Pipe diameters and levels should be verified before works commence.
5. Drainage connections have been proven by sounding only and are presumed to be straight between chambers unless otherwise stated.
6. Utility type has been identified to the best of the surveyor's ability and local site evidence. No guarantee of correct identification can be given.
7. All apparatus shall be treated as live unless proved otherwise by the asset owner.
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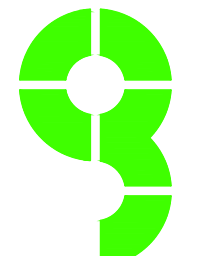
Utilities Abbreviations	OS	Off Site
AR Assumed Route	PE Polyethylene	
BD Backing	PR Pipe Rising	
CI Cast Iron	ST Sewer	
CR Cable Rising	STATS Statutory Undertakers	
CW Combined Water	SW Storm Water	
DI Ductile Iron	TFR Taken From Records	
EOT End of Trace	UTL Unable to L.R.	
FW Foul Water	UTT Unable to Trace	
MH Manhole	WS Weak Signal	
MW Monitoring Well		
NS No Signal		

Measurement Descriptions	Duct Abbreviations
CL Cover Level	1w 1 way - 1 duct
CD Chamber Depth	2w 2 way - 1st
Depth (m)	2w 1-2 2 way - 1wide-2deep
dia Diameter (mm)	4w 2-2 4 way - 2wide-2deep
IL Invert Level	6w 3-2 6 way - 3wide-2deep
SD Soffit Depth	
SL Sump Level	
WL Water Level	

Utility Linetypes & Hatch Descriptions	
Control	Traffic Signal Cable
	Ducting
Drainage	Combined Water Drainage
	Foul Water Drainage
	Surface Water Drainage
Electric	Electricity Cable
	Electricity Cable - High Voltage
	Electricity Cable - Low Voltage
Gas	Gas Main
Pipes	Fuel Line
	Heating Main
	Vent Line
Telecoms	British Telecom Cable
	Telecommunications Cable
Water	Water Main
Unknown	GPR Trace - Unidentified
	RFL Trace - Unidentified
	EML Survey Extents
	GPR Survey Extents
	Area of Concern
	Area of Concern
	Unable to Survey
	GPR Detected Anomaly



Rev.	Date	By	Description	Checked



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LAND | UTILITIES | BUILDING | BOUNDARY | BIM

Title: Utilities Survey							
Project: Princess Theatre							
Client: Morgan Sindall							
Drawn: NJ	Checked: DR						
Date: 22.03.2024	Scale: 1:100 @ A0						
Drawing Number: 3348-U-01							
Project	Original	Issue	Level	From	Issue	Revision	Issues
-	-	-	-	-	-	-	-



Coordinate System

This survey has been oriented to the Ordnance Survey (OS) National Grid and Datum using GPS observations and the OS Active Network.

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Detection method for EML - M77

Detection method for GPR - M77

Notes

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Utilities Abbreviations

AR Assumed Route

BD Backsight

CI Cast Iron

CR Cable Rising

CW Combined Water

DI Ductile Iron

EOT End of Trace

FW Foul Water

MH Manhole

MW Monitoring Well

NS No Signal

OS Off Site

PE Polyethylene

PR Pipe Rising

ST Steel

STATS Statutory Undertakers

TFS Taken From Records

UTL Unable to Lift

UTT Unable to Trace

WS Weak Signal

Measurement Descriptions

CL Cover Level

CD Chamber Depth

d Depth (m)

dia Diameter (mm)

IL Invert Level

SD Soffit Depth

SL Sump Level

WL Water Level

Duct Abbreviations

1w 1 way - 1 duct

2w 2 way - 1st

2w 1-2 2 way - 1wide-2deep

4w 2-2 4 way - 2wide-2deep

6w 3-2 6 way - 3wide-2deep

Utility Linetypes & Hatch Descriptions

Control

Drainage

Electric

Gas

Pipes

Telecoms

Water

Unknown

Area of Concern

Unable to Survey

GPR Detected Anomaly

Sheet Layout

01

02

03

04

05

06

07

Rev

Date

By

Description

Checked

Gwalia

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w: gwaliasurveyors.co.uk

LAND | UTILITIES | BUILDING | BOUNDARY | BIM

Title

Utilities Survey

Project

Princess Theatre

Client

Morgan Sindall

Drawn

NJ

Checked

DR

Date

22.03.2024

Scale

1:100 @ A0

Drawing Number

3348-U-02

Project

Original

Issue

Level

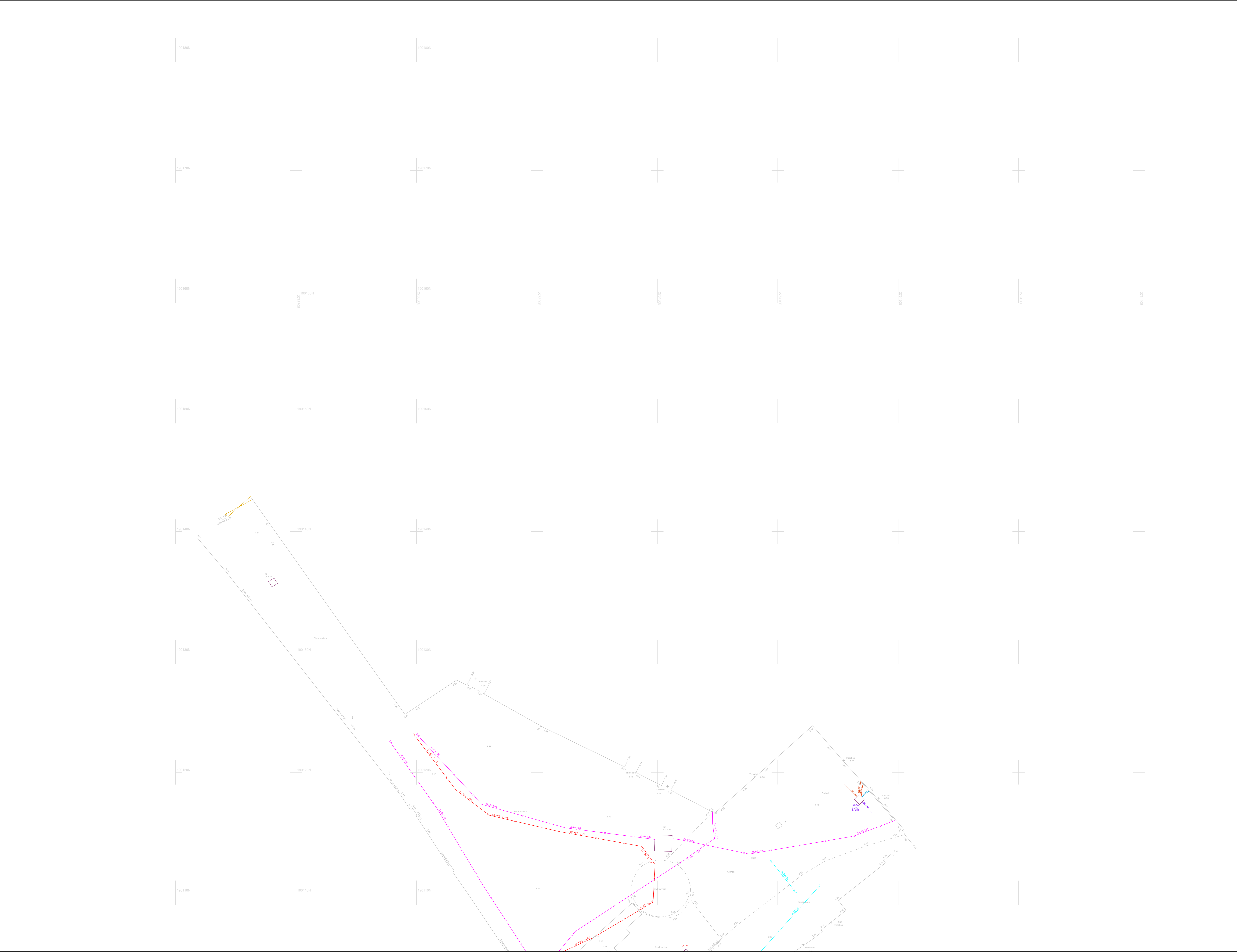
Type

Drawn

Revised

Reason

Issues



Coordinate System

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Detection method for EML - M77 | Detection method for GPR - M77

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Utilities Abbreviations		OS	Off Site
AR	Assumed Route	PE	Polyethylene
BD	Banking	PR	Pipe Rising
CI	Cast Iron	ST	Steel
CR	Cable Rising	STATS	Statutory Undertakers
CW	Combined Water	SW	Storm Water
DI	Ductile Iron	TFR	Taken From Records
EOT	End of Trace	UTL	Unable to L.R.
FW	Foul Water	UTT	Unable to Trace
MH	Manhole	WS	Weak Signal
MW	Monitoring Well		
NS	No Signal		

Measurement Descriptions		Duct Abbreviations	
CL	Cover Level	1w	1 way - 1 duct
CD	Chamber Depth	2w	2 way - 1st
d	Depth (m)	2w	2 way - 1st
dia	Diameter (mm)	2w	2 way - 1wide-2deep
IL	Invert Level	4w	4 way - 2wide-2deep
SD	Soffit Depth	4w	4 way - 2wide-2deep
SL	Sum Level	6w	6 way - 3wide-2deep
WL	Water Level		

Utility Linetypes & Hatch Descriptions

Control	—	Traffic Signal Cable
	—	Ducting
Drainage	—	Combined Water Drainage
	—	Foul Water Drainage
	—	Surface Water Drainage
Electric	—	Electricity Cable
	—	Electricity Cable - High Voltage
	—	Electricity Cable - Low Voltage
Gas	—	Gas Main
Pipes	—	Fuel Line
	—	Heating Main
	—	Vent Line
Telecoms	—	British Telecom Cable
	—	Telecommunications Cable
Water	—	Water Main
Unknown	—	GPR Trace - Unidentified
	—	RFL Trace - Unidentified
	—	EML Survey Extents
	—	GPR Survey Extents
	—	Area of Concern

Area of Concern

Unable to Survey

GPR Detected Anomaly

Sheet Layout

Rev.	Date	By	Description	Checked

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Cardiff: 029 2113 1700 London: 020 3011 1099
W: gwaliasurveyors.co.uk

LAND | UTILITIES | BUILDING | BOUNDARY | BIM

Title: Utilities Survey

Project: Princess Theatre

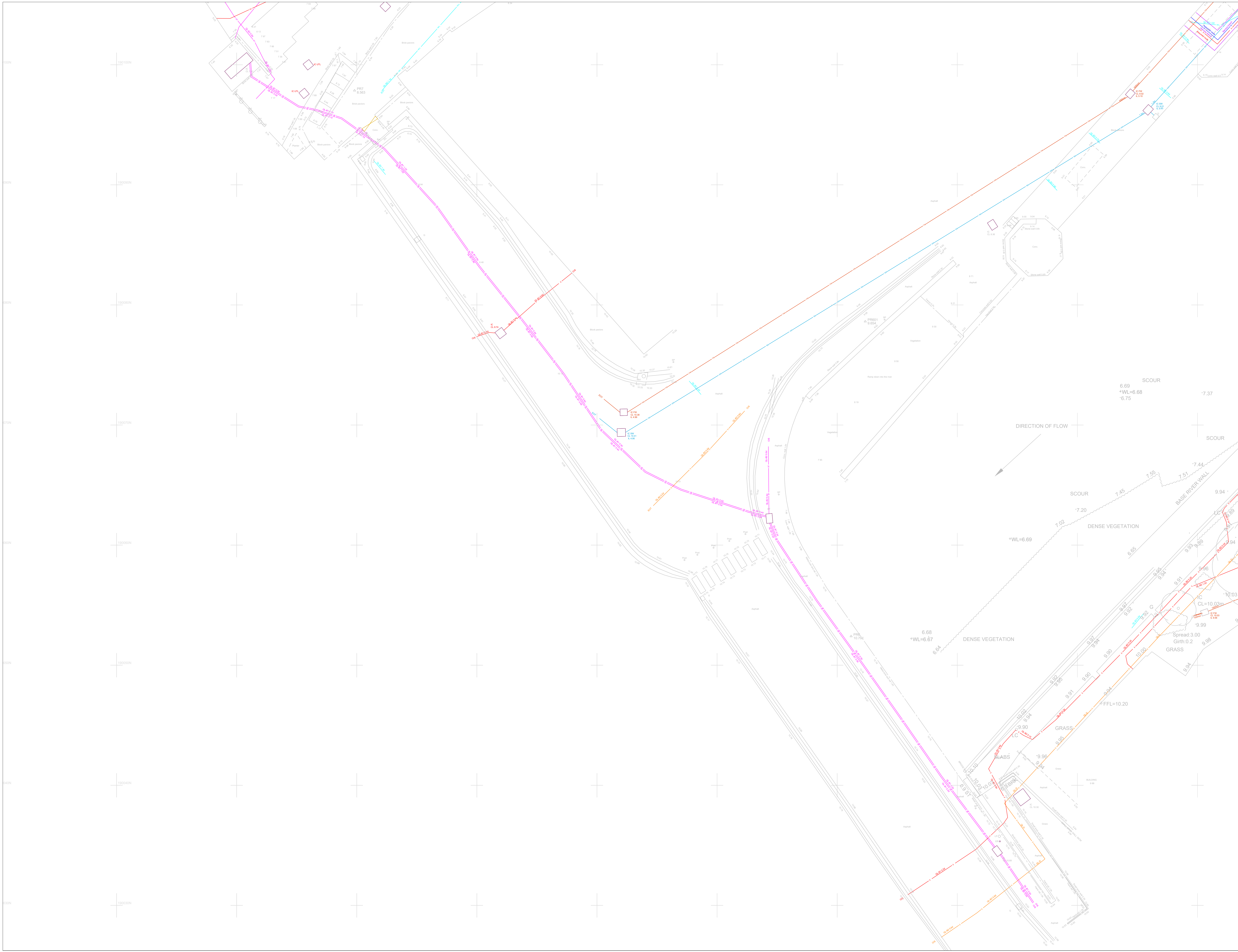
Client: Morgan Sindall

Drawn: NJ	Checked: DR	Date: 22.03.2024	Scale: 1:100 @ A0
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Drawing Number: 3348-U-05

Project	Logdate	Issue	Level	Type	Issue	Revision	Reason	Issues
-	-	-	-	-	-	-	-	-

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Coordinate System

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Detection method for EML - M77 Detection method for GPR - M77

Notes

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Utilities Abbreviations	OS	Off Site
AR Assumed Route	PE Polyethylene	
BD Banning	PR Pipe Rising	
CI Cast Iron	ST Steel	
CW Combined Water	STATS Statutory Undertakers	
DI Ductile Iron	TFR Taken From Records	
EOT End of Trace	UTL Unable to L.R.	
FW Foul Water	UUT Unable to Trace	
MH Manhole	WS Weak Signal	
MW Monitoring Well		
NS No Signal		

Measurement Descriptions	Duct Abbreviations
CL Cover Level	1w 1-way - 1 duct
CD Chamber Depth	2w 2-way - 1st
Depth (m)	2w 2-way - 2nd
dia Diameter (mm)	2w 1-2 2-way - 1wide-2deep
InvL Invert Level	4w 2-2 4-way - 2wide-2deep
SD Soffit Depth	4w 2-2 4-way - 2wide-2deep
SL Sump Level	6w 3-2 6-way - 3wide-2deep
WL Water Level	

Utility Linetypes & Hatch Descriptions

Control	Traffic Signal Cable
	Ducting
Drainage	Combined Water Drainage
	Foul Water Drainage
	Surface Water Drainage
Electric	Electricity Cable
	Electricity Cable - High Voltage
	Electricity Cable - Low Voltage
Gas	Gas Main
Pipes	Foul Line
	Heating Main
	Vent Line
Telecoms	British Telecom Cable
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Water	Water Main
Unknown	GPR Trace - Unidentified
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	EML Survey Extents
	GPR Survey Extents
	Area of Concern
	Unable to Survey
	GPR Detected Anomaly

Sheet Layout

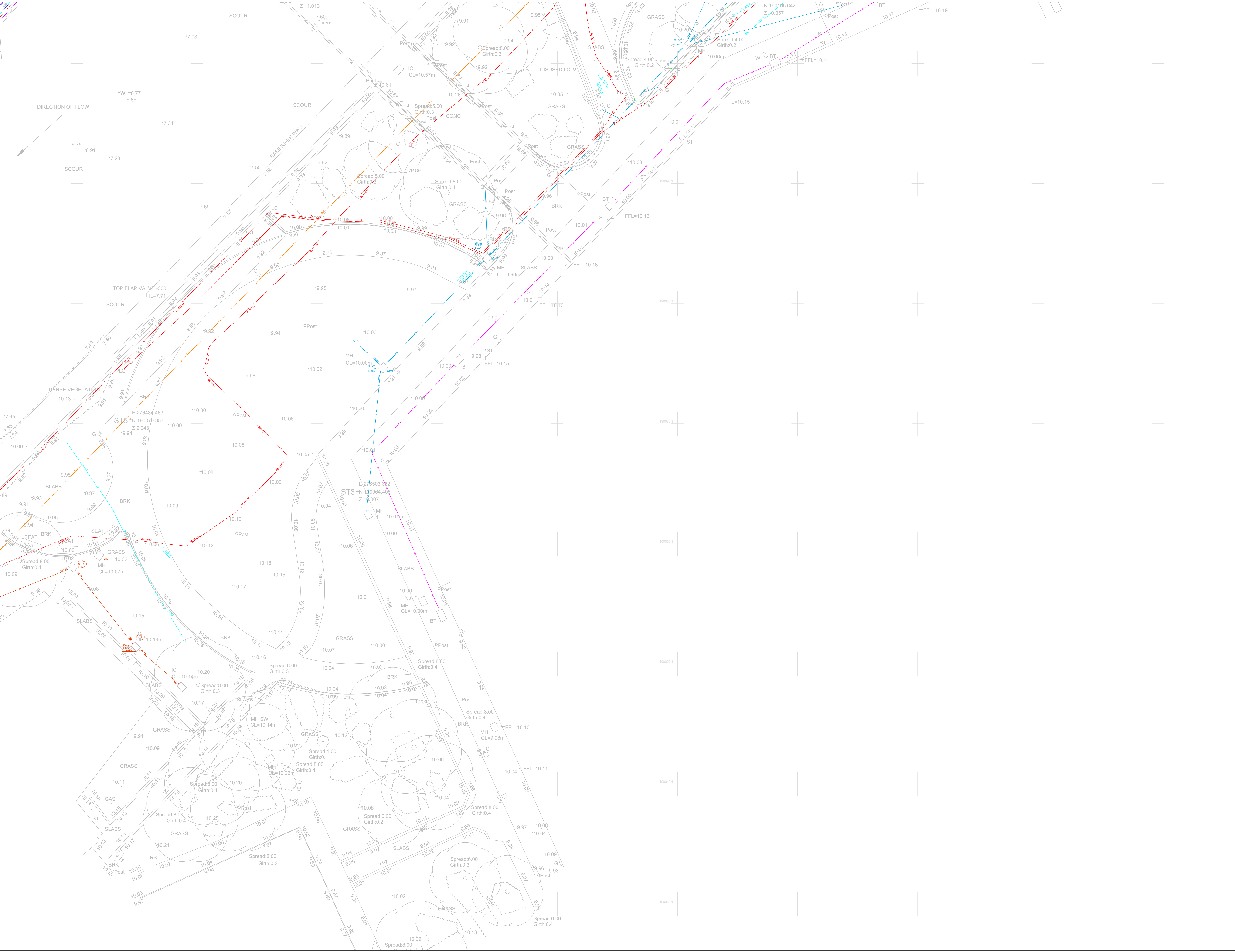
Rev.	Date	By	Description	Checked

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LAND | UTILITIES | BUILDING | BOUNDARY | BIM

Title:	Utilities Survey							
Project:	Princess Theatre							
Client:	Morgan Sindall							
Drawn: NJ	Checked: DR	Date: 22.03.2024	Scale: 1:100 @ A0					
Drawing Number:	3348-U-06							
Project	Original	Issue	Level	Topic	Issue	Revision	Reason	Issues
-	-	-	-	-	-	-	-	-

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Coordinate System

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Utilities Abbreviations		OS	Off Site
AR	Assumed Route	PE	Polyethylene
BD	Banking	PR	Pipe Rising
CI	Cast Iron	ST	Steel
CW	Combined Water	STATS	Statutory Undertakers
DI	Ductile Iron	SW	Sewer
EOT	End of Trace	TFR	Taken From Records
FW	Foul Water	UTL	Unable to Lift
MH	Manhole	UTT	Unable to Trace
MW	Monitoring Well	WS	Weak Signal
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Measurement Descriptions		Duct Abbreviations	
CL	Cover Level	1w	1 way - 1 duct
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Utility Linetypes & Hatch Descriptions

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Telecoms	British Telecom Cable
	Telecommunications Cable
Water	Water Main
Unknown	GPR Trace - Unidentified
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	EML Survey Extents
	GPR Survey Extents
	Area of Concern

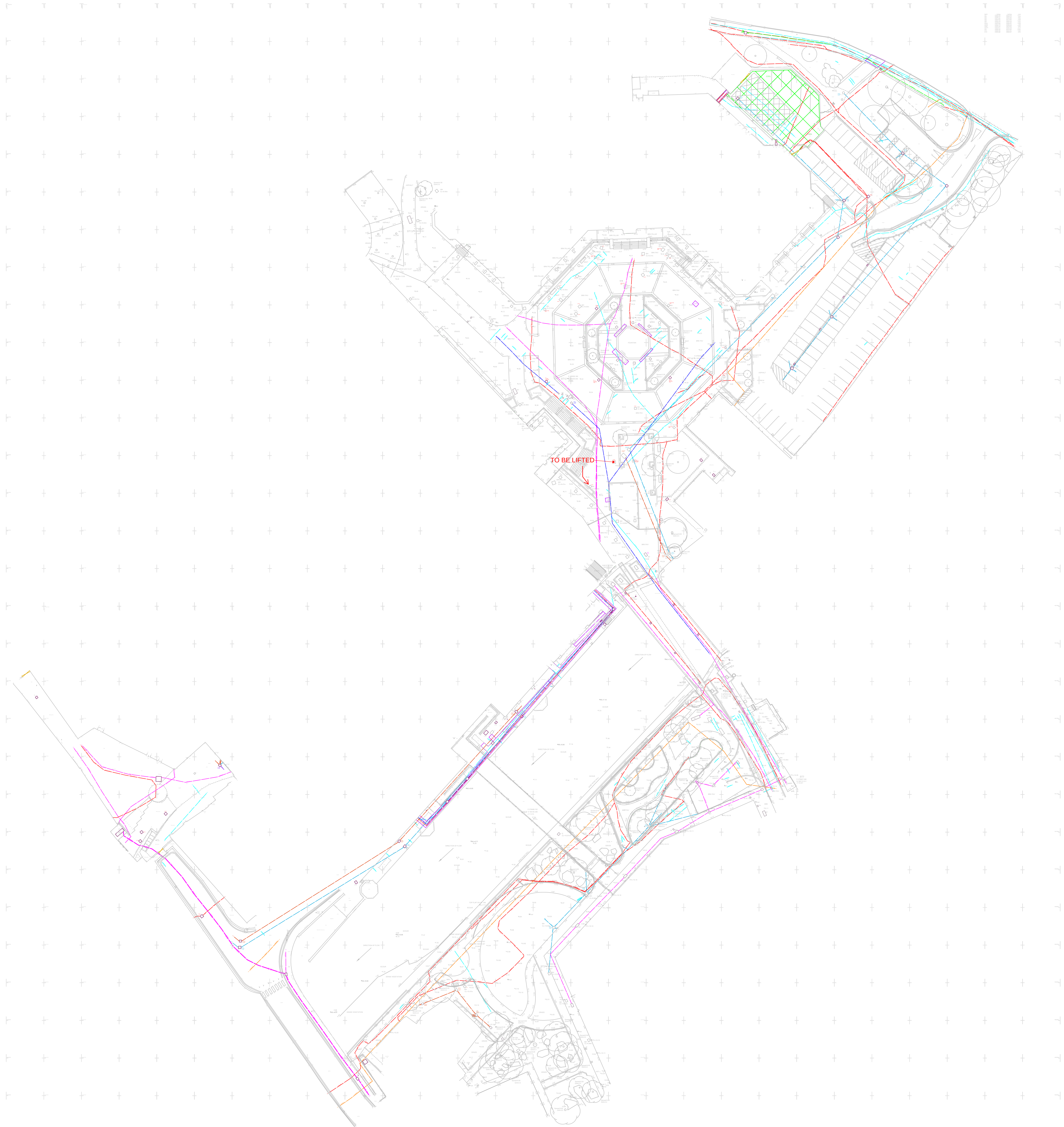
Area of Concern	Unable to Survey	GPR Detected Anomaly
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Sheet Layout

Rev.	Date	By	Description	Checked

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LAND | UTILITIES | BUILDING | BOUNDARY | BIM

Title:		Utilities Survey	
Project:		Princess Theatre	
Client:		Morgan Sindall	
Drawn: NJ	Checked: DR	Date: 22.03.2024	Scale: 1:100 @ A0
Drawing Number:		3348-U-07	
Project	Original	Issue	Revised
-	-	-	-



Coordinate System

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MH	Manhole	WS	Weak Signal
MW	Monitoring Well		
NS	No Signal		

Measurement Descriptions

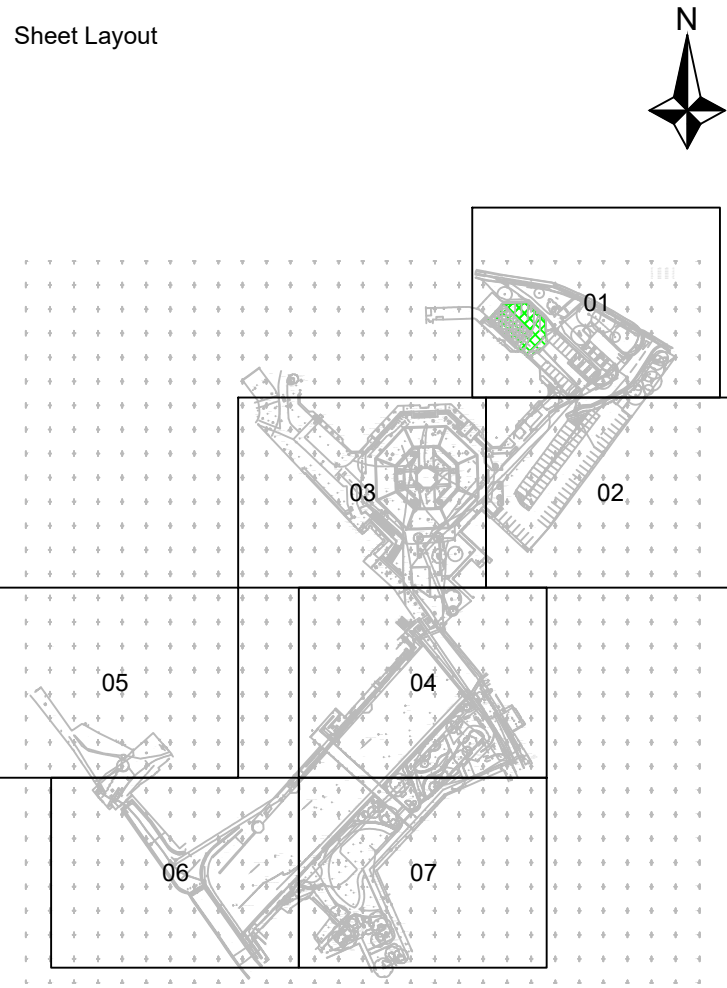
CL Cover Level
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d Depth (m)
dia Diameter (mm)
IL Invert Level
SD Softil Depth
SL Sump Level
WL Water Level

Duct Abbreviations

1w 1 way - 1 duct
2w 2 way - 1st
2w 1-2 2 way - 1wide-2deep
4w 2-2 4 way - 2wide-2deep
6w 3-2 6 way - 3wide-2deep

Utility Linetypes & Hatch Descriptions

Control	Traffic Signal Cable
Drainage	Ducting
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	Foul Water Drainage
	Surface Water Drainage
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	Electricity Cable - High Voltage
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	RFL Trace - Unidentified
	EML Survey Extents
	GPR Survey Extents
	Area of Concern
	Area of Concern
	Unable to Survey
	GPR Detected Anomaly



Rev.	Date	By	Description	Checked

Gwalia
SURVEYORS

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LAND | UTILITIES | BUILDING | BOUNDARY | BIM

Title:		Utilities Survey				
Project:		Princess Theatre				
Client:		Morgan Sindall				
Drawn: NJ	Checked: DR	Date: 22.03.2024	Scale: 1:100 @ A0			
Drawing Number: 3348-U Overview						
Project	Original	Issue	Drawn	Revised	Revised	Revised
-	-	-	-	-	-	-