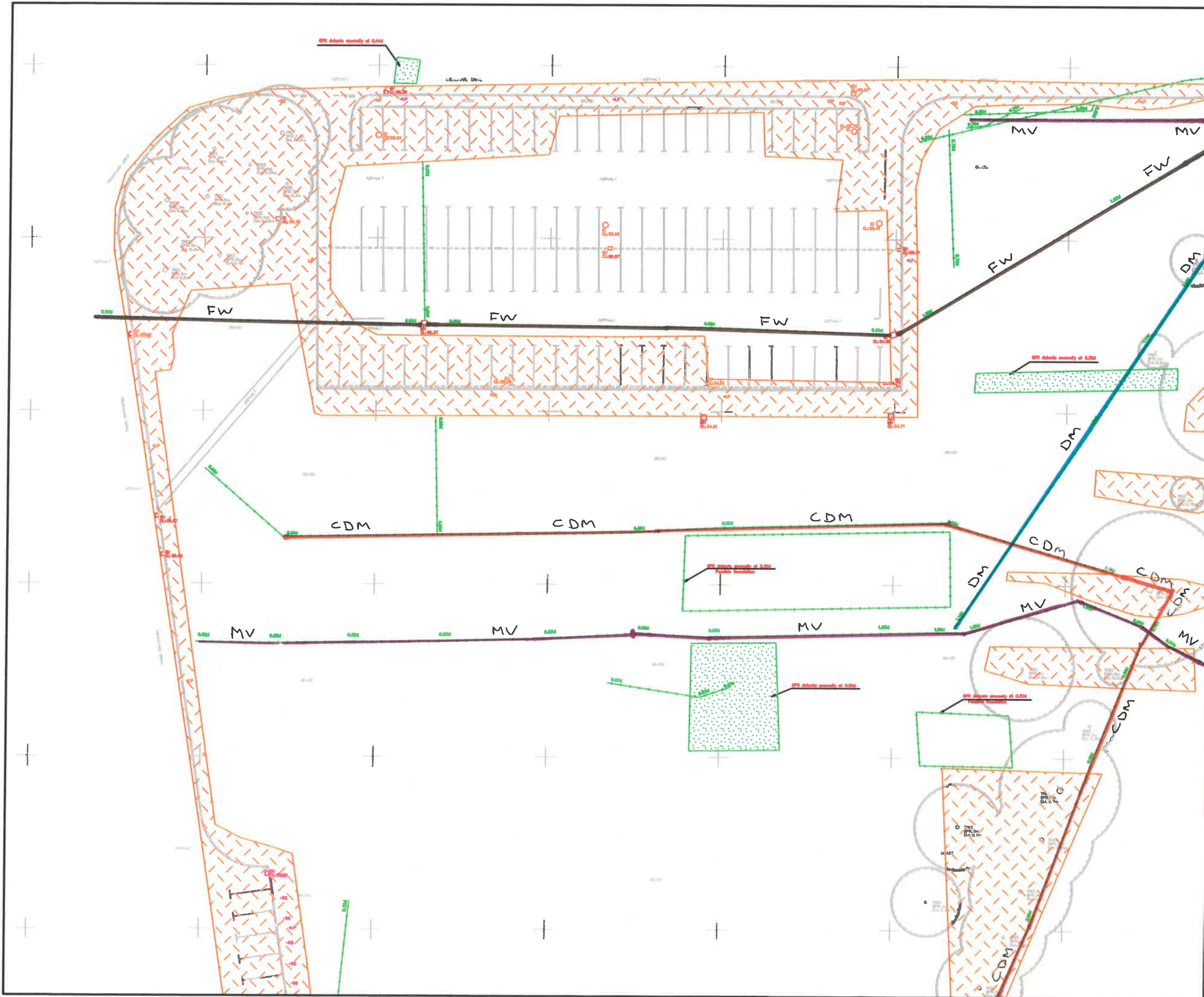




OS NORTH

Underground Services Abbreviations

A	Approach	OF	Offset F8 Point
AR	Assumed Route	OSA	Outside Survey Area
BD	Back Drop	PE	Polyethylene Pipe
B	Box	PI	Pipe
CO	Cable	PS	Pipe Street
CP	Cable PE	SA	Survey Assumed
CPL	Cable PE Base Level	SI	Span (Dry) Iron
CR	Cable Rise	SL	SL Level
D	Depth to surface (in metres)	T	Tank
DI	Double Iron	TR	Taken From Records
DI	Double Iron	UR	Unable to Read
DOT	End of Truss	UT	Unable to Find
EP	Ground Penetrating Radar	UTBA	Unable to Gain Access
EP	Ground Penetrating Radar	UTL	Unable to LIR
EV	Electric	UTS	Unable to Survey
EV	Electric	UTT	Unable to Trench
EV	Electric	VC	Vertical Clay
EV	Electric	VR	Vapor Recovery
EV	Electric	VL	Water Level

Legend

—	Cable TV	—	LP6
—	Communications	—	Offset F8 Pipe
—	Compressed Air	—	OS Pipe
—	Drainage - Combined	—	Radar Trace
—	Drainage - Fuel	—	Survey Boundary
—	Drainage - Surface	—	Tolerance
—	Ducting	—	Trench Bar
—	Earth Cable	—	Unidentified
—	Electric	—	Vapor Recovery
—	Fuel Pipe	—	Vent Pipe
—	Gas	—	Water
—	Gas Gauge Line	—	Assumed Route
—	Heating Pipe	—	Taken from Records

Key Plan

P0007	P0008
P0009	P0010
P0011	P0012

Notes

The survey has been created to Ordnance Survey (OS) National Grid (OSN23) using Industry Standard Network RTK GPS equipment setting the OS Active Network (OS Net). A true OSN23 coordinate has been established on site using the OSN23 (transformer) & OSN23 (gate) models. The survey data has been correlated to this point and a further one (or more) OSN23 points established to produce a true OS bearing for angle operations. Scale factor 1.0 has been applied therefore the survey coordinates are shown on a pseudo OS grid. All levels are in metres unless otherwise specified. All heights are in millimetres unless otherwise specified.

5	-	-	-
4	-	-	-
3	-	-	-
2	-	-	-
1	-	-	-
0	MW	First Complete Issue	16/03/2020
Prelim	-	Preliminary - Not Complete	-
Rev	Svyr	QA Check	Description

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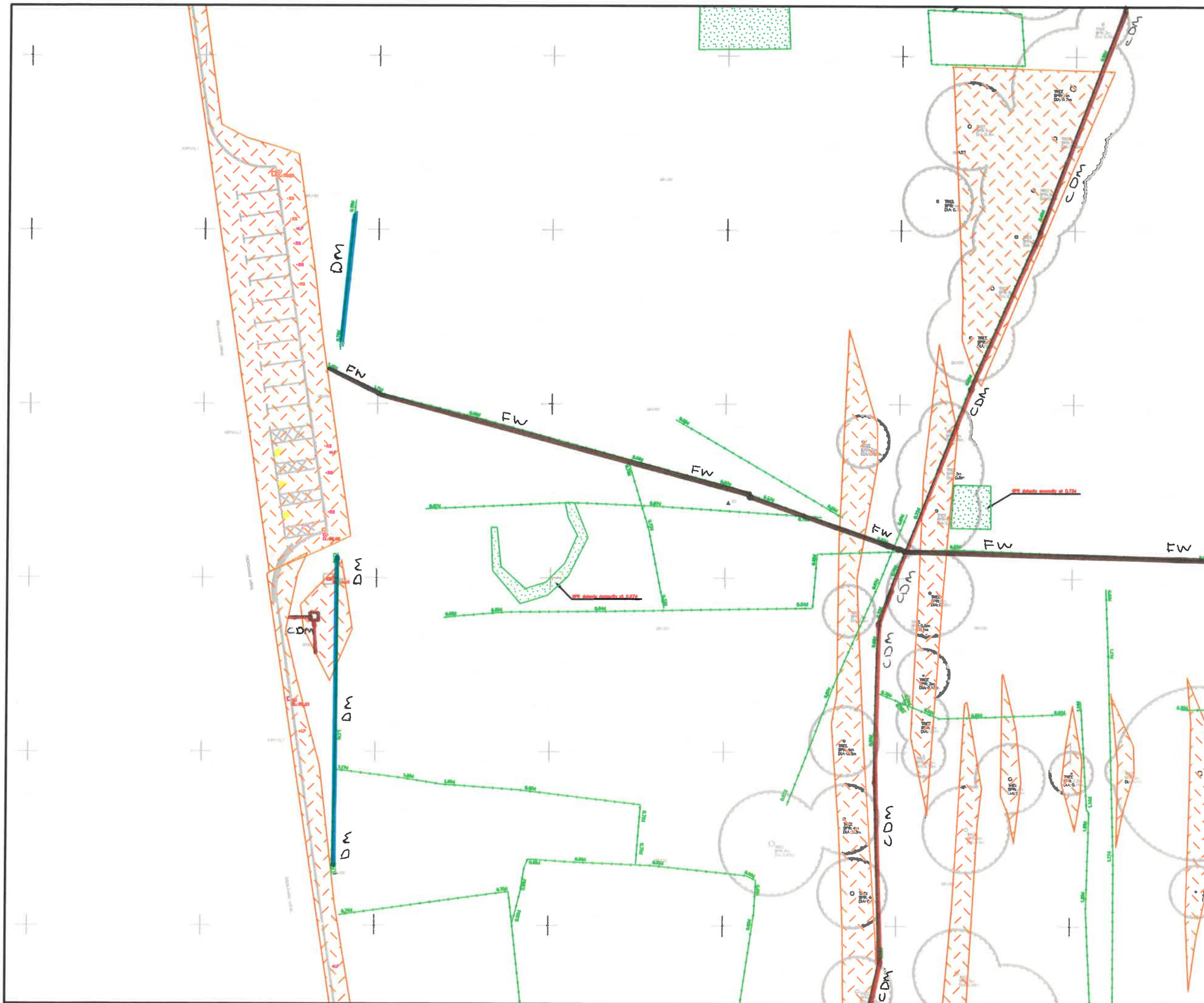
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Appendix D
Site Survey Plan P0007



OS NORTH

Underground Services Abbreviations

A	Approach	OF	Offset F8 Point
AR	Assumed Route	OS	Outside Survey Area
BD	Back Drop	PE	Polyethylene Pipe
CD	Cable Drop	PF	Pipe Filler
CP	Cable Pipe	PS	Pipe Signal
CPL	Cable Pipe Base Level	SA	Survey Abandoned
CR	Cable Riser	SE	Span (Long) Iron
CT	Cable to service (in metres)	SL	SL Level
DI	Ductile Iron	SR	Taken From Records
ED	Empty Duct	UR	Unable to Read
ET	End of Trench	UT	Unable to Test
GP	Ground Penetrating Radar	UTM	Unable to Take Access
GR	Ground Reinforced Plastic	UL	Unable to Lift
HV	High Voltage	UTS	Unable to Survey
IL	Isolated	UTV	Unable to Test
INT	Intercept	VC	Verified Clay
MD	No Visible Ducts	VR	Vapor Recovery
NF	No Visible Pipes	WL	Water Level

Legend

CDM	Cable TV	LPS	LPS
FW	Communication	OF	Offset F8 Pipe
DM	Compressed Air	OS	OS Pipe
SD	Drainage - Combined	PF	Pipe Filler
FW	Drainage - Fuel	PS	Pipe Signal
FW	Drainage - Surface	SA	Survey Abandoned
FW	Ducting	SE	Span (Long) Iron
FW	Earth Cable	SL	SL Level
FW	Electric	SR	Taken From Records
FW	Fuel Pipe	UR	Unable to Read
FW	Gas	UT	Unable to Test
FW	Fuel Gauge Line	UTM	Unable to Take Access
FW	Heating Pipe	UL	Unable to Lift
		UTS	Unable to Survey
		VC	Verified Clay
		VR	Vapor Recovery
		WL	Water Level

Chamber Extents
Unknown Chamber Extents
Radar Area Assembly
Area unable to survey

Key Plan

P0007	P0008
P0009	P0010
P0011	P0012

Notes

The survey has been checked to Ordnance Survey (OS) National Grid (OSN25) using Industry Standard Network RTK GPS equipment using the OS Active Network (OS Net). A true OSN25 coordinate has been established on site using the OSN25 (Transformation) to OSN25 (grid) mode.

The survey detail has been correlated to this point and a further one (or more) OSN25 points established to produce a true OS bearing for angle orientation.

Scale factor 1.0 has been applied therefore the survey coordinates are shown on a pseudo OS grid.

All levels are in metres unless otherwise specified.

All heights are in millimetres unless otherwise specified.

5	-	-	-	-
4	-	-	-	-
3	-	-	-	-
2	-	-	-	-
1	-	-	-	-
0	MW	First Complete Issue	16/03/2020	
Prelim	OA	Preliminary - Not Complete		
Rev	Svyr	Check	Description	Date

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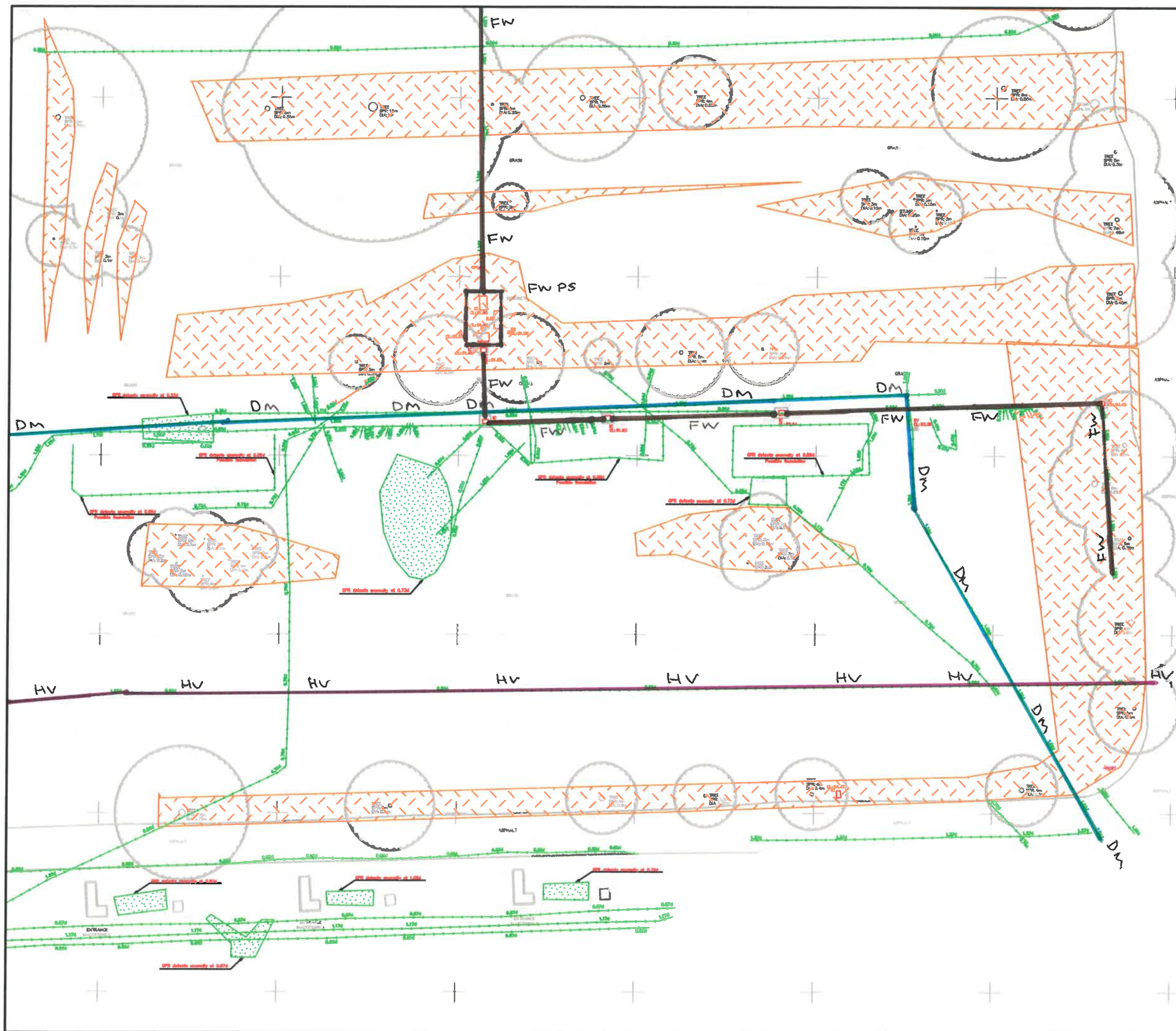
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Appendix D

Site Survey Plan P0009



OS NORTH

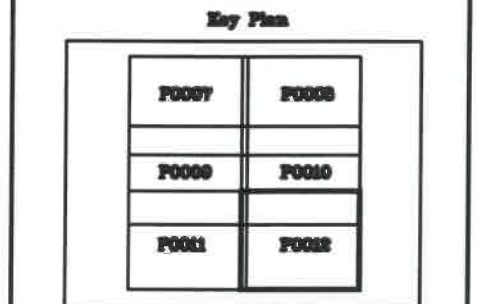
Underground Services Abbreviations

AR	Approach	OS	Outside Survey Area
BD	Blocked	PE	Polyethylene Pipe
CD	Catch Drop	PF	Pipe Floor
CP	Catch Point	PR	Pipe Repair
CPL	Catch Pit Base Level	SA	Survey Abandoned
CR	Catch River	SE	Spot (Spot) from
DI	Drainage In	SL	Soil Level
ED	Empty Drain	TR	Taken from Records
EV	End of Trench	UL	Unable to find
GV	Ground Penetrating Radar	UT	Unable to find Access
HP	High Voltage	UL	Unable to find
IR	Interceptor	UTS	Unable to Survey
IV	No Visible Pipes	UTT	Unable to Trace
IVP	No Visible Pipes	VC	Vertical Clay
		VR	Vapor Recovery
		VL	Water Level

Legend

— Cable TV	— LPS
— Communications	— Offset FW Pipe
— Compressed Air	— OS Pipe
— Drains - Combined	— Radar Trace
— Drains - Fuel	— Survey Boundary
— Drains - Surface	— Trench
— Ducting	— Traffic Control
— Earth Cable	— Trench Bar
— Electric	— Unidentified
— Fuel Pipe	— Vapor Recovery
— Gas	— Vent Pipe
— Fuel Gauge Line	— Water
— Heating Pipe	— Assumed Route
	— Taken from Records

Chamber Estimate
 Unknown Chamber Estimate
 Radar Area Assembly
 Area unable to survey



Notes

The survey has been carried out to Ordnance Survey (OS) National Grid (OSNG) using Industry Standard Network RTK GPS equipment utilizing the OS Active Network (OS AN).

A true OSNG coordinate has been established on site using the OSNG (transformation) & OSNG (spot) modes.

The survey detail has been correlated to this point and a further one (or more) OSNG points established to produce a true OS bearing for angle definition.

Scale factor 1.0 has been applied therefore the survey coordinates are shown on a pseudo OS grid.

All levels are in metres unless otherwise specified.

All heights are in millimetres unless otherwise specified.

5	-	-	-	-
4	-	-	-	-
3	-	-	-	-
2	-	-	-	-
1	-	-	-	-
0	MW	First Complete Issue		16/03/2020
Prelim	QA	Preliminary - Not Complete		-
Rev	Syst	Check	Description	Date

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Appendix D
Site Survey Plan P0012