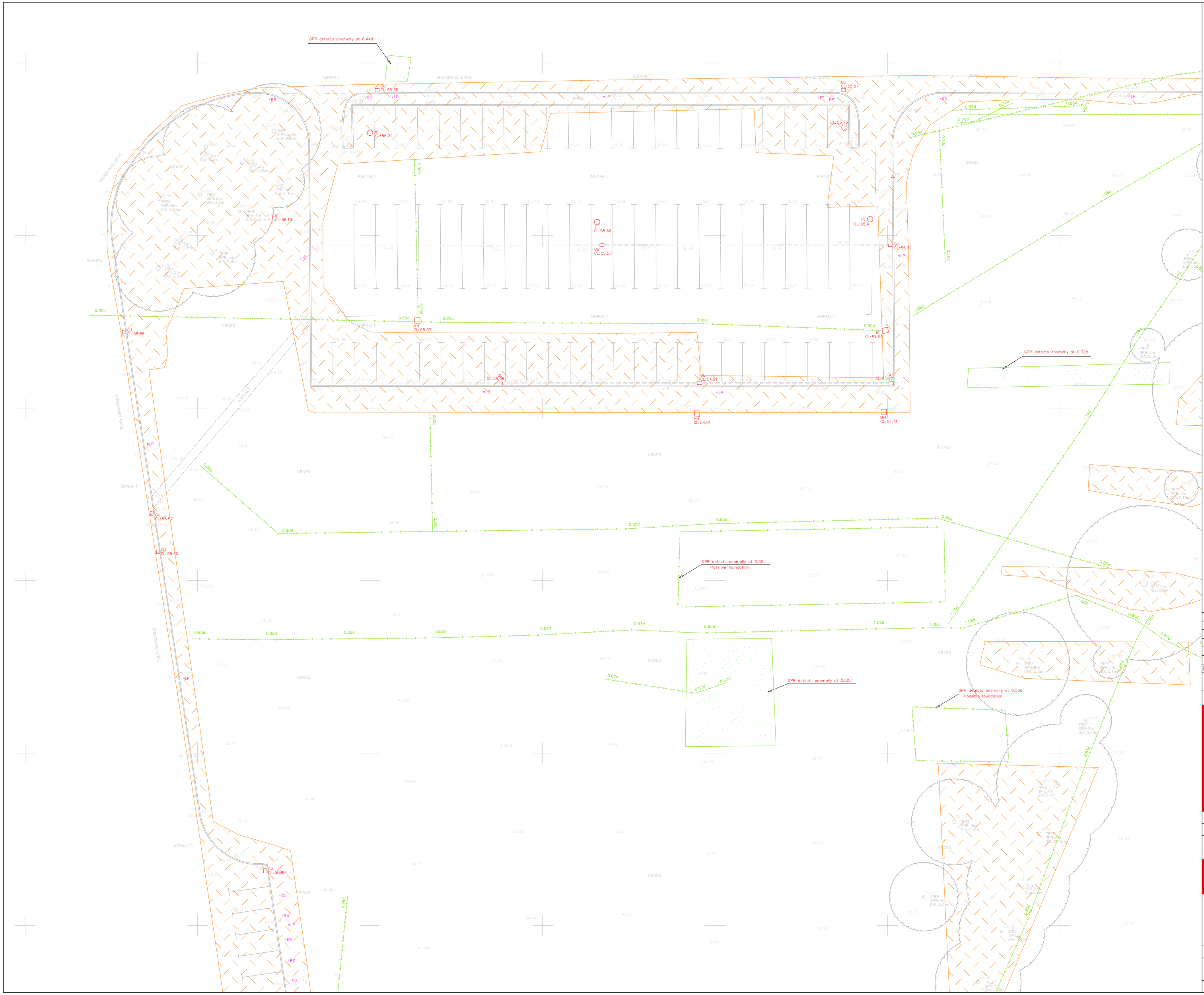

OS NORTH

Underground Services Abbreviations

A	Approximate	OF	Offset Fill Point
AR	Assumed Route	OSA	Outside Survey Area
BD	Back Drop	PE	Polyethylene Pipe
CI	Cast Iron	PR	Pipe Riser
CO	Concrete	PS	Poor Signal
CP	Catch Pit	SA	Survey Abandoned
CPL	Catch Pit Base Level	SI	Spun (Grey) Iron
CR	Cable Riser	SltL	Silt Level
d	Depth to service (in metres)	T	Tank
DI	Ductile Iron	TFR	Taken From Records
ED	Empty Duct	UR	Unable to Rod
EOT	End of Trace	UTF	Unable to Find
GPR	Ground Penetrating Radar	UTGA	Unable to Gain Access
GRP	Glass Reinforced Plastic	UTL	Unable to Lift
HV	High Voltage	UTS	Unable to Survey
IL	Invert Level	UTT	Unable to Trace
INT	Interceptor	VC	Vitrified Clay
NVD	No Visible Ducts	VR	Vapour Recovery
NVP	No Visible Pipes	WL	Water Level

Legend

TV	Cable TV	LPG	LPG
CM	Communications	O	Offset Fill Pipe
AIR	Compressed Air	OP	Oil Pipe
CWS	Drainage – Combined	R	Radar Trace
FWS	Drainage – Foul		Survey Boundary
SWS	Drainage – Surface	BT	Telecoms
DU	Ducting	TC	Traffic Control
EA	Earth Cable		Trench Scar
E	Electric	U	Unidentified
FU	Fuel Pipe	VR	Vapour Recovery
GAS	Gas	V	Vent Pipe
GU	Fuel Guage Line	W	Water
H	Heating Pipe	E(AR)	Assumed Route
		E(TFR)	Taken from Records

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

Key Plan

P0007	P0008
P0009	P0010
P0011	P0012

Notes

The survey has been oriented to Ordnance Survey (OS) National Grid (OSGB36) using Industry Standard Network RTK GPS equipment utilising the OS Active Network (OS Net).
A true OSGB36 coordinate has been established on site using the OSTN15 (transformation) & OSGB15 (geoid) models.
The survey detail has been correlated to this point and a further one (or more) OSGB36 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

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

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GPR DETECTION SURVEY

JOB No	DRAWING NUMBER
RT/220/0592	RT/220/0592/P/0007

A1 Sheet - 841mm X 594mm