

NOTES



STATION	EASTING	NORTHING	HEIGHT	SURVEY CO-ORDINATE SCHEDULE

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LAND SURVEY INFORMATION
GRID:                X
VERTICAL DATUM:      X
                     HEIGHT ESTABLISHED VIA "TRIMBLE VRS NOW NETWORK"
                     COMMERCIAL RTK GPS CORRECTION SERVICE
LOCAL SCALE FACTOR:  X

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Electromagnetic and/or Ground Penetrating Radar techniques have been used to locate/map underground utilities and features on this drawing. Subsite Surveys Ltd has made every endeavour to make sure that the information contained within this drawing is accurate and of the highest quality. Subsite Surveys Ltd has used any record drawings provided by the client or by the Statutory Utility Providers, at the client's request, at the time of the survey. Any information taken from these drawings (e.g. pipe sizes and position) is not guaranteed. Historic record information is often incomplete and inaccurate and cannot be relied upon.

Subalite Surveys Ltd is not liable for any topographical survey that has not been undertaken by us. Any inaccuracies relating to topographical plans/development plans/Ordinance Survey data that we have no control over is the liability of the customer. Where quoted, depth information of underground services/features is stated. Depths are generally within +/- 10% accurate, but cannot be guaranteed. Any depths shown are drains are usually to invert (base of drainage channel) unless otherwise stated.

The completeness of any underground survey cannot be 100% guaranteed and the results from these types of surveys are not infallible. If the location or depth of services/features is of particular importance to a project then it is strongly advised that discussions are held with Subsite Surveys Ltd regarding any possible limitations or anomalies. It is also strongly advised that trial excavations should be undertaken to confirm survey results. We cannot be held responsible for any inaccuracies beyond those that could be reasonably expected by a competent company.

[illegible]

KEY		CCTV / CABLE TELEVISION
CATV	CATV	COMMON DRAINAGE
CWS	CWS	COMMUNICATIONS CABLE
COM	COM	COMPRESSED AIR
AIR	AIR	DUCTING
DUCT	DUCT	EARTH CABLE
DUCT	DUCT	ELECTRIC CABLE
EARTH	EARTH	END OF TRACE
ELEC	ELEC	FOWL DRAINAGE
FWS	FWS	FUEL PIPE
FUEL	FUEL	GAS PIPE
GAS	GAS	GAUGE LINE
GAUGE	GAUGE	HEATING
HEAT	HEAT	OFFSET FILL PIPE
O	O	PUMPING MAIN
PUMP	PUMP	
YYS	YYS	RADAR AREA ANOMALY
RAA	RAA	
QPR	QPR	RADAR UTILITY TRACE
SWS	SWS	SURFACE DRAINAGE
TEL	TEL	SURVEY BOUNDARY
TL	TL	TELECOM CABLE
UND	UND	TRAFFIC LIGHTS
VAPR	VAPR	UNIDENTIFIED
VENT	VENT	VAPOUR RECOVERY
VENT	VENT	VENT PIPE
WTR	WTR	WATER PIPE
		O.S BENCH MARK
		SURVEY CONTROL STATION

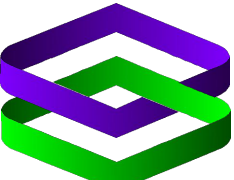
A SINGLE LINE INDICATING A UTILITY MAY INDICATE THE PRESENCE OF MULTIPLE SERVICES WITHIN CLOSE PROXIMITY TO EACH OTHER. WHERE A SINGLE LINE TYPE IS SHOWN WE RECOMMEND HAND DIGGING WITHIN 0.5m TO EXPOSE HIDDEN SERVICES.

[illegible]

SHEET LAYOUT

CLIENT	DWG No	REV.
Oracle Enviromental Experts	0424-OEE-002	
TITLE	SCALE	
	1:200@A0	
Buxton Road	SURVEYOR	
Fairfield	PS/AJB	
Buxton	DRAWN	
SK17 7HS	AJB	
	DATE	
	23/04/2024	

SURVEY TYPE	
TOPOGRAPHICAL	☒
DRAINAGE	☒
UTILITY	☒



SUBSITE SURVEYS

APPENDIX D – ALC SURVEY DETAILS

Position	Depth (m)	Description	Munsell Colour		Texture	Stoniness (%)	Groundwater (m)	Slope (°)	Wetness Class	Grade				Limit
			Colour 1	Colour 2						Wetness	Climate	Droutiness	Overall	
TP01	0.00-0.23	Very soft very dark brown slightly stoney peaty LOAM. Stones are fine to medium sub-angular limestone, mudstone and rare brick fragments.	10YR 2/2	-	PL	<5	Seepage in topsoil	<7	V / VI	5	4	1	5	Wetness
	0.23-0.86	Soft to firm grey with many fine to coarse yellowish red mottles CLAY.	7.5YR 5/1	5YR 5/8	C	<2								
SB01	0.00-0.27	Very soft very dark brown slightly stoney peaty LOAM. Stones are fine to medium sub-angular limestone and mudstone.	10YR 2/2	-	PL	<5	Dry	<7	V / VI	5	4	1	5	Wetness
	0.27-0.75	Soft to firm grey with many fine to coarse yellowish red mottles CLAY.	7.5YR 5/1	5YR 5/8	C	<2								
SB02	0.00-0.19	Very soft very dark brown slightly stoney peaty LOAM. Stones are fine to medium sub-angular limestone and mudstone.	10YR 2/2	-	PL	<5	Dry	<7	V / VI	5	4	1	5	Wetness
	0.19-0.50	Firm yellowish red with common brown mottles sandy slightly stoney CLAY. Stones are fine sub-angular sandstone and mudstone.	5YR 5/8	7.5YR 4/3	SC	<5								
	0.50-0.72	Firm grey with many fine to coarse yellowish red mottles CLAY.	7.5YR 5/1	5YR 5/8	C	<2								

APPENDIX E – DROUGHTINESS CALCULATIONS

Droughtiness Calculation

Potato
Moisture Deficit = 0

TP01			
	Thickness (cm)	Available Water (%)	Thickness x Avail Water
Topsoil (TA)	23	27	621
Subsoil (TA)	47	13	611
Available Water Capacity	123.2		
Moisture Balance	123.2		

SB01			
	Thickness (cm)	Available Water (%)	Thickness x Avail Water
Topsoil (TA)	27	27	729
Subsoil (TA)	43	13	559
Available Water Capacity	128.8		
Moisture Balance	128.8		

SB02			
	Thickness (cm)	Available Water (%)	Thickness x Avail Water
Topsoil (TA)	19	27	513
Subsoil (TA)	51	13	663
Available Water Capacity	117.6		
Moisture Balance	117.6		

Winter Wheat
Moisture Deficit = 24

TP01			
	Thickness (cm)	Available Water (%)	Thickness x Avail Water
Topsoil (TA)	23	27	621
Subsoil (TA)	27	13	351
Subsoil (EA)	70	7	490
Available Water Capacity	146.2		
Moisture Balance	122.2		

SB01			
	Thickness (cm)	Available Water (%)	Thickness x Avail Water
Topsoil (TA)	27	27	729
Subsoil (TA)	23	13	299
Subsoil (EA)	70	7	490
Available Water Capacity	151.8		
Moisture Balance	127.8		

SB02			
	Thickness (cm)	Available Water (%)	Thickness x Avail Water
Topsoil (TA)	19	27	513
Subsoil (TA)	31	13	403
Subsoil (EA)	70	7	490
Available Water Capacity	140.6		
Moisture Balance	116.6		