

NOTES

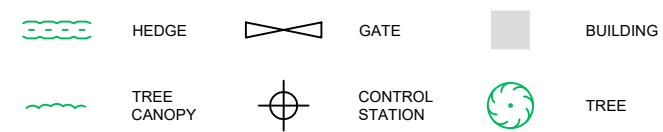
KEY

Grid & Datum - Local Plane Grid related to OS National Grid & Datum
By GNSS RTK Observations

STANDARD ABBREVIATIONS

[illegible]

SYMBOLS



Some topographic details and services may have been missed due to site activity, vehicles and storage items.

UNDERGROUND SERVICE KEY

Fuel/Combined water drain		Vents	
Fuel/Combined drain 3000 and above		Fuel	
Surface water drain		Offshore	
Surface water drain 3000 and above		Vapour Recovery	
End of trace		Gas turbines	
Electric cables		Unidentified GPR	
HW cables		Unidentified UGL	
Gas		Taken From Records	
Telephone		Assumed Records	
CATV		Empty Ducts	
Cable		Earth Rod	
Comms		Road Markings	
File Optics		Overhead	
Pipes		Heating Pipes	
		Traffic Signals	

Where chamber extents are significantly greater than the cover size, their approximate extents shown thus:

ABBREVIATION KEY

AR	assumed route	HC	high level	UTL	unable to lift
AS	base board	HL	inspection chamber	UTS	unable to surmount
BD	backdrop	IL	invert level	UTT	unable to trace
CP	cabie pit	IMH	manhole	VP	vent pipe
CR	cove level	PIR	pipe riser	WL	water level
CR	cable riser	RR	rodding eye	WM	water meter
DP	down pipe	RWPV	rainwater pipe	WO	wash out water
EOT	end of trace	SV	stop valve		
EP	electricity pole	SV	soil vent pipe		
FH	fire hydrant	TE	trap		
G	gully	TFR	trap from records		
GV	gas valve	TFP	telegraph pole		
HOR	head of run	TF	unable to foot		

UTILITY SURVEY NOTES

ELECTROMAGNETIC AND/OR GROUND PENETRATING RADAR TECHNIQUES HAVE BEEN USED TO LOCATE AND MAP UNDERGROUND UTILITIES AND FEATURES ON THIS DRAWING. N D OLIVER & CO LTD HAVE MADE EVERY ENDEAVOUR TO MAKE SURE THAT THE INFORMATION CONTAINED WITHIN THIS DRAWING IS ACCURATE AND OF THE HIGHEST QUALITY. HOWEVER, THE RESULTS FROM THESE TYPES OF SURVEYS ARE NOT INFALLIBLE AND SHOULD THE LOCATION OR DEPTH OF SERVICES/FEATURES BE OF PARTICULAR IMPORTANCE TO A PROJECT, THEN IT IS STRONGLY ADVISED THAT TRIAL EXCAVATIONS SHOULD BE UNDERTAKEN TO CONFIRM SURVEY RESULTS.

N D OLIVER & CO LTD HAVE USED ALL RECORD DRAWINGS THAT WERE AVAILABLE TO US BY THE CLIENT OR BY THE STATUTORY UTILITY PROVIDERS AT THE TIME OF THE SURVEY. ANY INFORMATION TAKEN FROM THESE DRAWINGS (IE PIPE SIZES, MATERIALS, ETC.) IS NOT GUARANTEED. SERVICES LOCATED FROM RECORD DRAWINGS WILL BE SHOWN AND ANNOTATED AS TAKEN FROM RECORD DRAWINGS. NO GUARANTEE IS GIVEN FOR THE ACCURACY OF ANY INFORMATION TAKEN FROM RECORD DRAWINGS.

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.

WHERE QUOTED, DEPTH INFORMATION OF UNDERGROUND SERVICES/FEATURES IS STATED. DEPTHS ARE GENERALLY WITHIN 10% ACCURATE, BUT CANNOT BE GUARANTEED. ANY DEPTHS SHOWN ARE USUALLY TO THE TOP OF THE SERVICE/FEATURE. GRAVITY SEWERS AND DRAINS ARE USUALLY TO INVERT (BASE OF DRAINAGE CHANNEL) UNLESS OTHERWISE STATED.

AT N D OLIVER & CO LTD WE USE SKILLED STAFF AND MODERN CALIBRATED EQUIPMENT TO PERFORM OUR SURVEYS. HOWEVER, THE COMPLETENESS OF ANY UNDERGROUND SURVEY CANNOT BE 100% GUARANTEED AND WE CANNOT BE HELD RESPONSIBLE FOR ANY INACCURACIES BEYOND THOSE THAT COULD BE REASONABLY EXPECTED BY A COMPETENT COMPANY.

CONTRACTORS UTILISING OUR DRAWINGS FOR INTRUSIVE WORK SHOULD TAKE ALL REASONABLE MEASURES TO WORK SAFELY IN ACCORDANCE WITH HSE047 GUIDELINES "AVOIDING DANGER FROM UNDERGROUND SERVICES".

Rev	Date	Drawn	Description	Ch'kd	App'd
-----	------	-------	-------------	-------	-------



Jupiter House, 21 Roebuck Lane, Sale, Manchester, M33 7SY
T: 0161 973 3495 F: 0161 962 6819
E: mail@ndoliver.com www.ndoliver.com

Client

BEAUMONT LORD
THE ROYAL BUILDINGS
1A CECIL ROAD, HALE
CHESHIRE
WA15 9NY

Title

STORAGE WORLD
OLD HALL ST, MIDDLETON
MANCHESTER M24 1AG

TOPOGRAPHICAL SURVEY
SHEET 1 OF 1

Surveyed	JP	Drawn	AM	Drawn Date:	
Checked	BW	Approved	NDO	27/06/2022	
title 1:250 @ A1		Project 11883		Status OK	
		CAD File UNDO-565/Project/11883/DRAWINGS/11883_561.DWG		ORIGIN 0	
Drawing No		11883 / 001			