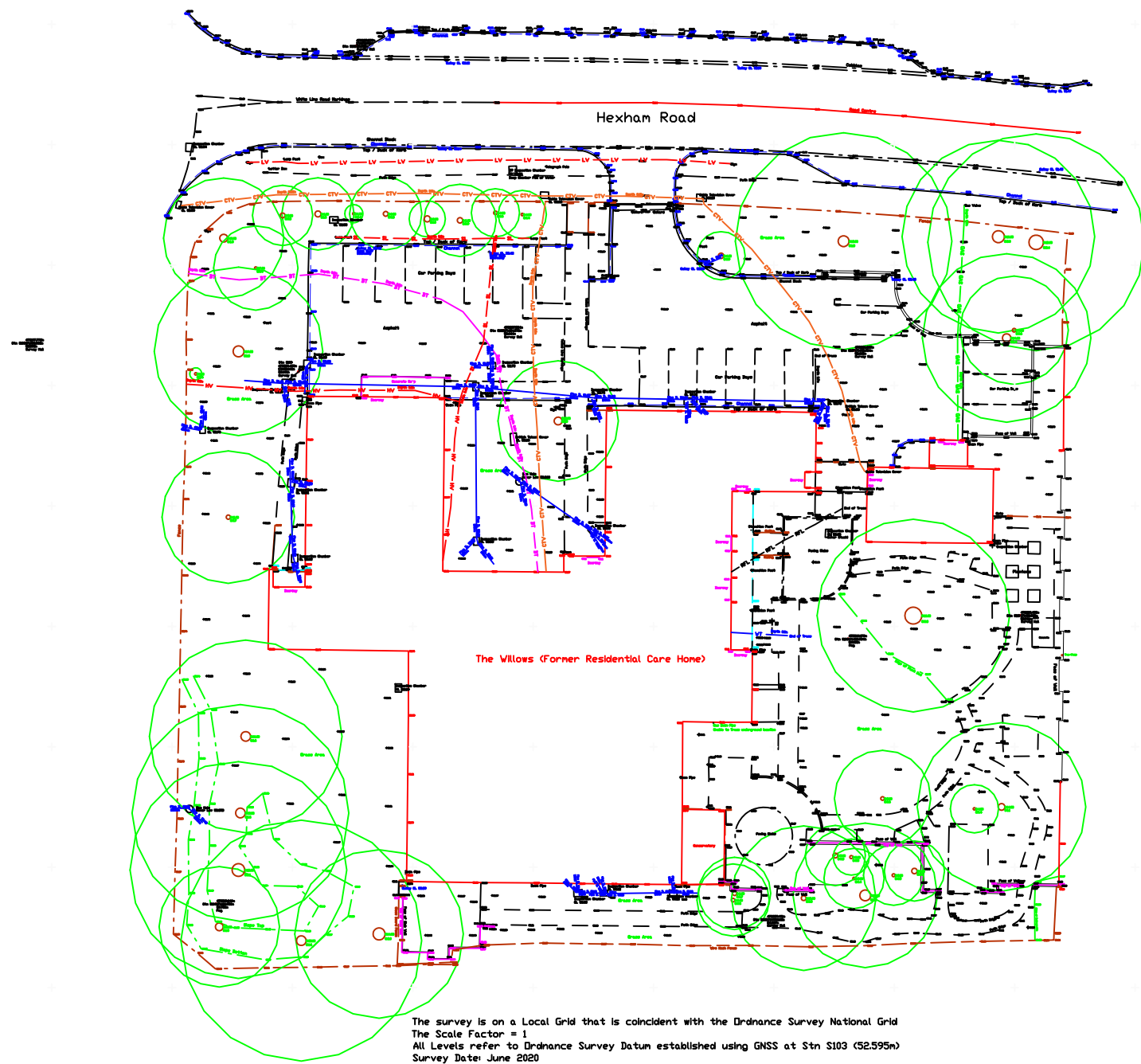




Grid and Datum
1. The survey is on a Local Grid that is coincident with the Ordnance Survey National Grid.
2. Scale Factor = 1
3. All Levels refer to Ordnance Survey Datum. This was established using GNSS together with the Ordnance Survey transformation models OSTN15 & OSGB15 at Stn 103 (52.595m).

Underground Utility Services
1. Although every effort has been made to trace underground services using radio detection, no guarantee can be given that all have been found due to their non-conductivity. It may not be possible to trace certain types of plastic service pipes e.g. Gas and Water. Service trial holes must be dug prior to excavation.
2. In the absence of evidence to the contrary the routes of confirmed inspection/manhole connections are assumed to be direct and straight.
3. This survey has been carried out in accordance with the PAS 128 Level 3 specification for underground utility detection, verification and location.
4. Underground utility service information should be read in conjunction with the latest statutory drawings.
5. Broken or damaged inspection/manhole covers were not lifted by HCC Land Survey team. It is not possible to trace plastic pipes by radio detection e.g. Gas, Water, Fibre Optic and pipes of less than 100mm in diameter. The electronic detection of pipework will apply to live metallic pipes/cables that can be induced with a signal. Ground Penetrating Radar (GPR) can be deployed in an attempt to locate services not detectable by radio detection. All tracing is subject to retrieval of clear signals.

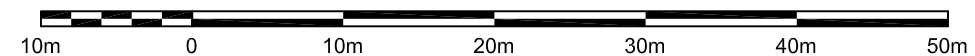
Notes
1. The size and location of services shown on this drawing are indicative only and should be confirmed on site prior to any excavation works.
2. All given depths are to the centre of the utility.

Ground Penetrating Radar
The material surrounding and particularly above buried services can effect whether the service location can be resolved using GPR. Reinforced concrete, buried metallic objects, the presence of moisture or clay and changes in the material construction can lead to poor data resolution.
As we have no information with respect to the material overlying any services the GPR method can only give an expected accuracy of 40% of detected depth and a horizontal positional accuracy of +/-250mm. The result of the GPR survey should be treated with caution as there is no guarantee that any service shown actually exists, only a possibility that something can be seen in the scanned data.

Equipment
Male Easy Locator Pro GPR (serial No. 21006001)
Vivax vLoc3 - 5000 Locator (serial No. 2240140119)
Vivax Loc3 10-Watt Transmitter (serial No. 20004144280)
Trimble SX10 Total station (serial No. 30412015)

Underground Utility Line style Key.
HV - HIGH VOLTAGE
LV - LOW VOLTAGE
SL - STREET LIGHT POWER
PU - POWER - UNIDENTIFIED
CTV - CABLE TELEVISION
BT - BRITISH TELECOM
SW - SURFACE WATER
FW - FOUL WATER
GAS - GAS
W - WATER
RL - RADIO LOCATE UNKNOWN
GR - GPR LOCATE UNKNOWN
O - OTHER

1:500



HCC Property Services,
Three Minsters House,
76 High Street, Winchester SO23 8UL.
tel: (01962) 847801

Notes		
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2 No dimensions are to be scaled from this drawing		

rev	description	date	by

PROJECT				SHEET CONTENTS	
The Willows Demolition Planning Application				Topographical Survey	HCC
				Property Services	
SCALE	DATE	DRAWN.	CHKD.	DRAWING No.	REVISION
@ A1 1:500 @ A3	25/09/20	LT	---	FILE REF. File name	