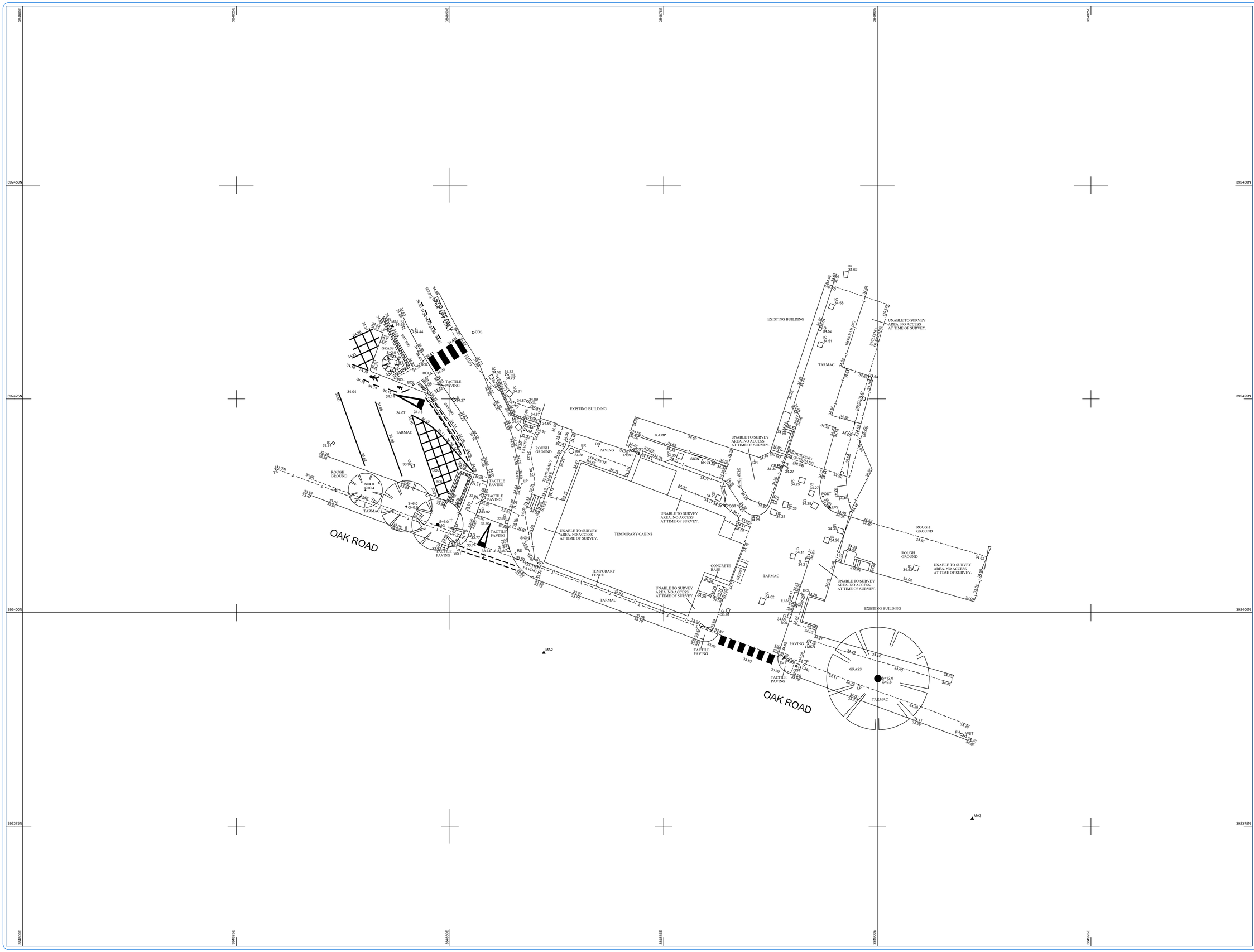


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PLAN GRID NORTH

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NOTES:

All levels relate to OS (Newlyn) Datum. Established using Network RTK. Survey plotted on a plane Local Grid. Orientated to National Grid.

Services shown as 'From Statutory Authority Plans' line styles are taken from Statutory Records plans supplied by the relevant regional authority. These services were not located and are shown for indicative purposes only.

Please note survey control established for mapping only. Control shouldn't be used by third parties without confirmation from Layer Surveys.

Tree Spreads are symbolic only and are representative of the average spread.

Only manholes and services visible at time of survey shown.

Drainage information must be checked and verified with local authority records prior to work commencing.

Please note all drainage information and chamber position have be taken from CCTV condition survey.

LEGEND:

AV	AIR VALVE	PP	PETROL PUMP
BT	BT INSPECTION COVER	RE	RODDING EYE
CCTV	CCTV CAMERA	RWP	RAIN WATER PIPE
CCTV	CCTV CAMERA POST	SOF	SOFFIT LEVEL
COM	COMMUNICATIONS COVER	SV	STOP VALVE
CP	CONCRETE POST	TBC	TRAFFIC LIGHT CONTROL BOX
DC	DRAINAGE CHANNEL	TL	TRAFFIC LIGHT
DP	DOWN PIPE	TLB	TRAFFIC LIGHT BOX
EA	EASTING	TP	TELEGRAPH POLE
EIC	ELEC INSPECTION COVER	WM	WATER METER
ELB	ELECTRIC BOX	WO	WATER OUTLET
EP	ELEC POST	WSC	WATER STOP TAP
EP	ELECTRICITY POLE	WSV	WATER STOP VALVE
FFL	FINISHED FLOOR LEVEL	EOT	END OF TRACE
FH	FIRE HYDRANT	UA	UNABLE TO SURVEY AREA
GI	GRID INTAKE	UEL	UNABLE ELEVATE
GLT	GROUND LIGHT	UTS	UNABLE TO SCHADE
GST	GAS TAP	UTT	UNABLE TO TRACE
GV	GAS VALVE	UTL	UNABLE TO LOCATE
IC	INSPECTION COVER	WA	BOUNDARY
IL	INVERT LEVEL	WMH	NO FURTHER DPR CONTACTS
KO	KERB OUTLET	BD	BACKDROP PIPE
LP	LAMP POST	SD	SOAKAWAY PIPE
MH	MANHOLE	TOP	TOP OF PIPE
MKR	MARKER		EOT SYMBOL
OHP	OVERHEAD PIPE		TRACE DIRECTION
PH	PYLON		DPR EOT SYMBOL

BT	
CABLE DUCT	
CABLE TV	
COMMS	
TELECOMS	
EARTH ROD STRIP	
ELECTRIC	
FIBRE OPTICS	
GAS MAIN	
DPR DETECTION LINE	
MAINS GAS	
SERVICE GAS	
SEWER CIR	
SEWER FW	
SEWER SW	
TRAFFIC SIGNAL CABLE	
UNIDENTIFIED TRACE	
UNIDENTIFIED CABLE	
UNIDENTIFIED PIPE	
WATER DETECTION CABLE	
Ref.	

Linetypes With Suffixes (S) (A) (R) show Statutory Authority, Assumed and Recorded Underground Data

DISCLAIMER:

At Layer Surveys we use skilled and experienced staff, modern up to date techniques and top of the range electromagnetic and radar technology to locate and trace sub-surface utilities. However this process can be affected by many variables and the accuracy can be adversely affected by factors outside the control of Layer Surveys. Therefore Layer Surveys cannot guarantee that all utilities present on site have been located. It is the responsibility of the Client to consult regional authority records and undertake trial digs where appropriate.

Where similar services run in close proximity it may be impossible to separately trace individual services as the trace signal can experience interference. In such cases, services will be shown as a single, annotated line. The displayed depth will refer to the shallowest detected utility.

Successful tracing of non-conductive materials may be limited. Drainage gullies are dye tested where possible to prove connectivity but if it is not always possible to introduce the sonde due to narrow pipe sizes and/or accumulated silt.

Depth information of underground services/features are generally accurate to within +/- 10% (i.e. a pipe at 2m deep may be accurate to +/-200mm) but this cannot be guaranteed. Depths shown usually refer to the top of the service. Gravity sewer and drain depths are usually to invert (base of drainage channel) unless otherwise stated.

Some above ground features may have been obscured at time of survey. If it not always possible to operate the Ground Penetrating Radar in areas including, but not limited to, dense vegetation, rubble, debris and/or rough/uneven ground.

Existing record information that was made available to Layer Surveys by the Client or by the statutory utility provider should be regarded only as an indication and cannot be guaranteed.

Excavation in the vicinity of services shown should be carried out with due diligence (Ref. HSG47).

TYPICAL FEATURE DEPTH ANNOTATION

ELECTROMAGNETIC DETECTION (EM)	RADAR (VISUAL OBSERVATION)	GROUND PENETRATING RADAR
APPROX DEPTH TO BACKING CABLE/PIPE/DUCT (EXPOSED)	APPROX DEPTH TO OBJECT (EXPOSED)	APPROX DEPTH
CABLE/PIPE (PITC)		

STATION CO-ORDINATES

Name	Easting	Northing	Height
MA3	384911.102	392375.896	34.412
MA33	384908.458	392281.137	34.356
MA34	384943.868	392402.936	34.514
MA35	384821.382	392418.912	33.590
MA2	384860.973	392395.312	33.813
EV1	384884.215	392344.715	33.897
EV1	384869.065	392394.715	33.867
EV2	384894.410	392412.256	34.450

REV	DATE	DESCRIPTION

LAYER SURVEYS LTD
SEE THE COMPLETE PICTURE

Client
Alan JohnstonPartnership
1 Dale Street
Liverpool
L2 2ET

Project Title
The Christie TIF Wards
Wilmslow Road
Manchester
M20 4BX

Drawing Ref.	Surveyed	Checked
1548	A.R	Layer Surveys

Scale	Date	Drawn	No.	Size	Rev
1:200	Dec 22	I.T	01	A1	