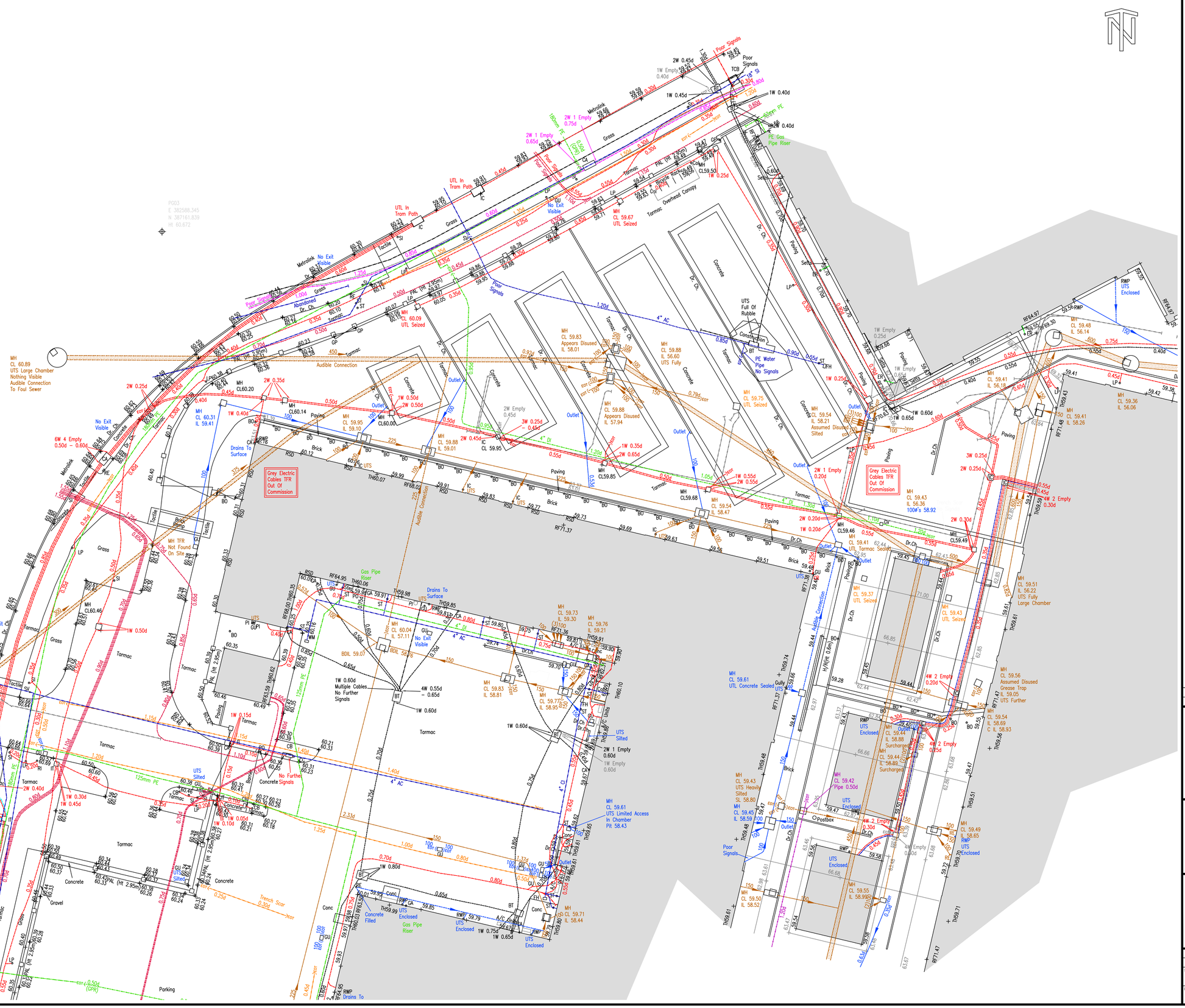
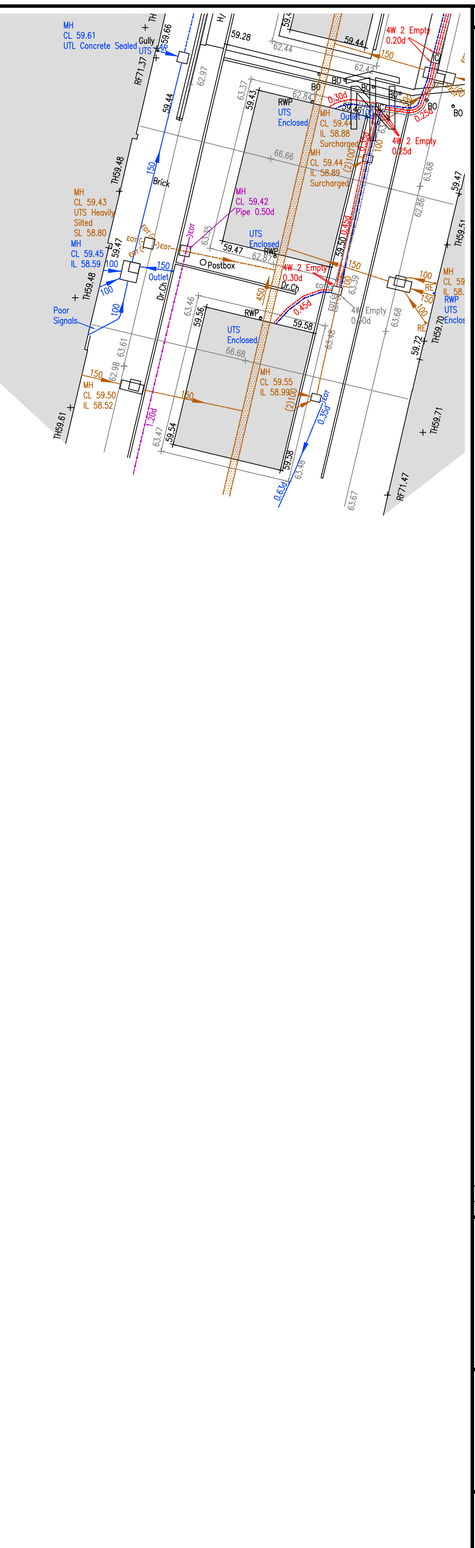

PG03
E 382588.345
N 387161.839
Ht 60.672
MH CL 60.89 UTS Large Chamber Nothing Visible Audible Connection To Foul Sewer
MH CL 59.67 UTL Seized
MH CL 60.09 UTL Seized
MH CL 59.83 Appears Disused IL 58.01
MH CL 59.88 IL 56.60 UTS Fully
MH CL 59.88 Appears Disused IL 57.94
MH CL 59.75 UTL Seized
MH CL 59.88 IL 59.01
MH CL 59.95 IL 59.10
MH CL 59.85
MH CL 59.68
MH CL 59.54 IL 58.47
MH CL 59.83 IL 58.81
MH CL 59.77 IL 58.95
MH CL 59.71 IL 58.44
MH CL 59.61 UTS Limited Access In Chamber Pit 58.43
MH CL 59.54 CL 58.21 Assumed Disused Silted
MH CL 59.43 IL 56.36 100d's 58.92
MH CL 59.41 62.44 UTL Tarmac Sealed
MH CL 59.37 UTL Seized
MH CL 59.43 UTL Seized
MH CL 59.61 UTL Concrete Sealed
MH CL 59.44 IL 58.88 Surcharged
MH CL 59.44 IL 58.89 Surcharged
MH CL 59.43 UTS Heavily Silted SL 58.80
MH CL 59.45 IL 58.58
MH CL 59.42 Pipe 0.50d
MH CL 59.50 IL 58.52
MH CL 59.55 IL 58.99
MH CL 59.49 IL 58.65
MH CL 59.48 IL 56.14
MH CL 59.41 IL 56.18
MH CL 59.41 IL 58.26
MH CL 59.36 IL 56.06
MH CL 59.51 IL 56.22 UTS Fully Large Chamber
MH CL 59.56 Assumed Disused Grease Trap CL 59.05 UTS Further
MH CL 59.54 IL 58.69 C IL 58.93
Grey Electric Cables TFR Out Of Commission
Grey Electric Cables TFR Out Of Commission
MH TFR Not Found On Site
Drains To Surface
Drains To Surface
Gas Pipe Riser
Gas Pipe Riser
PE Gas Pipe Riser
PE Water Pipe No Signals
UTS Full Of Rubble
Construction
Concrete Filled
Audible Connection
Audible Connection
Audible Connection
Poor Signals
Poor Signals
Poor Signals
Poor Signals
No Exit Visible
No Exit Visible
No Exit Visible
No Exit Visible
No Exit Visible
No Further Signals
UTS Enclosed
UTS Enclosed
UTS Enclosed
UTS Enclosed
UTS Enclosed
UTS Enclosed
UTS Enclosed
UTS Enclosed
UTS Silted
UTS Silted
UTS Silted



NOTES

KEY

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

STANDARD ABBREVIATIONS

STREET FURNITURE

AC - AIR CONDITIONING
AI - ALARM
AL - ALARM
AV - AIR VALVE
BA - BUOYANCY AID
BB - BELISHA BEACON
BC - BOLLARD CLEAR
BH - BOREHOLE
BI - BOLLARD ILLUMINATED
BL - BASEMENT LIGHT
BO - BOLLARD
BP - BOUNDARY POST
BR - BUS RUN
BS - BUS STOP
BU - BUST
CA - CABLE
CB - CONTROL BOX
CC - CLOSE CIRCUIT TV
CD - CONTROL DEVICE
CM - COLUMN
CT - CLOSE CIRCUIT TV POLE
DP - DOWN PIPE
DR - DRAIN
DT - DRAINAGE CHANNEL
DU - DUCT
EL - ELECTRIC
EP - ELECTRICITY POLE
ER - EARTH ROD
FA - FENDOR ANCHOR
FB - FLOWER BED
FC - FLOOD COLUMN
FL - FLOODLIGHT
FS - FLAG STAFF
GA - GAS
GM - GAS METER
GO - GAS OUTLET
GP - GATE POST
GU - GULLY
GV - GAS VALVE
Hyd - HYDRANT
IC - INSPECTION COVER
JB - JUNCTION BOX
JB - JUNCTION BOX
KO - KERB OFFLET
LA - LADDER
LB - LITTER BIN
LC - LIGHTING COLUMN
LI - LIGHT
LP - LAMP POST
MBO - MOORING BOLLARD
MA - MAST
MH - MANHOLE
MO - MONUMENT
MP - MARKER POST
MR - MOORING RING
MW - MONITORING WELL
NP - NAME PLATE
O/H - OVERHEAD
OSBM - ORDNANCE SURVEY BENCH MARK
PA - PLAY APPARATUS
PB - PILLAR BOX
PH - PUBLIC HOUSE
PI - PIPE
PL - PLANT
PM - PARKING METER
PN - PLANTER
PO - POST
PP - PETROL PUMP
RH - RIDGE HEIGHT
RI - RAIL INSET
RS - ROAD SIGN ILLUMINATED
RTW - RETAINING WALL
RWP - RAINWATER PIPE
SA - STANCHION
SC - SPEED CAMERA
SD - SATELLITE DISH
SF - SAFETY FENCE
SG - SIGNAL
SI - SIGN
SI - SIGN ILLUMINATED
SMP - SERVICE MARKER POST
SN - SNOW SENSOR
ST - STOP TAP
SU - STUMP
SV - STOP VALVE
SW - SWITCHGEAR
TA - TAP
TC - TRAFFIC CONTROLLER
TBM - TEMPORARY BENCH MARK
TCB - TELEPHONE CALL BOX
TE - TELEPHONE
TM - TICKET MACHINE
TS - TRAFFIC SIGNAL
TU - TRUMPET TUBE
UTL - UNDERGROUND LIFT
VDP - VEHICLE DETECTOR PAD
VP - VENT PIPE
WB - WHISTLE BLOW
WM - WATER METER
WP - WASTE PIPE
WT - WASTE PIPE

FENCE TYPES

BW - BARBED WIRE
CB - CLOSE BOARDED
CI - CORRUGATED IRON
CP - CONCRETE PANEL
HR - HANDRAIL
IR - IRON RAILING
PAL - PALISADE
PC - PALISADE CHAIN
PP - POST & PANEL
PR - POST & RAIL
PSB - PEDESTRIAN SAFETY BARRIER
PW - POST & WIRE
RI - RAILINGS
WM - WIRE MESH

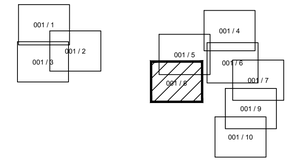
LEVELS

BL43.45 - BED LEVEL
EVA43.45 - EAVE LEVEL
IL43.45 - INVERT LEVEL
43.45 - SPOT LEVEL
RF43.45 - ROOF LEVEL
RL43.45 - RIDGE LEVEL
SB43.45 - SOFT BED LEVEL
SL43.45 - SOFFIT LEVEL
TH43.45 - THRESHOLD LEVEL
WL43.45 - WATER LEVEL

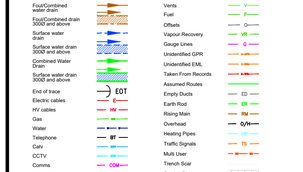
SYMBOLS

HEDGE
GATE
BUILDING
TREE CANOPY
CONTROL STATION
EMBANKMENT
TREE
BUSH

SHEET LAYOUT



UNDERGROUND SERVICE KEY



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

ABBREVIATION KEY

Alt - deviated route
BD - base bend
BS - backdrop
CP - cable pit
CL - cover level
CR - cable riser
DP - down pipe
EBD - external back drop
EOT - end of trace
EP - electricity pole
FH - fire hydrant
FL - flooded
GU - gully
GV - gas valve
HOR - head of run
HL - high level
IC - inspection chamber
IBD - internal back drop
IL - invert level
MH - manhole
PI - pipe riser
PS - pipe riser
RS - rodding eye
RWP - rainwater pipe
SIL - silted
SL - silt level
SV - stop valve
SVP - soil vent pipe
TF - trapped exit
TFR - taken from records
TP - telegraph pole
UDO - unable to determine outfall
UTF - unable to find
UTL - unable to lift
UTS - unable to survey
UTT - unable to trace
VP - vent pipe
WL - water level
WM - water meter
WO - wash out valve

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 OF PIPE SIZES, MATERIALS IS NOT GUARANTEED. SERVICES LOCATED FROM RECORD DRAWINGS WILL BE SHOWN AND ANNOTATED AS SUCH FROM RECORDS ONLY. HISTORIC RECORD INFORMATION IS OFTEN INCONCLUSIVE/INACCURATE AND CANNOT BE RELIED UPON.

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% ACCURACY, BUT CANNOT BE GUARANTEED. ANY DEPTHS SHOWN ARE USUALLY TO THE TOP OF THE SERVICE/FEATURE. CHAMBER COVERS AND DRAINS ARE USUALLY TO INVERT LEVEL 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 WORKS SHOULD TAKE ALL REASONABLE MEASURES TO WORK SAFELY IN ACCORDANCE WITH HSG47 GUIDELINES "AVOIDING DANGER FROM UNDERGROUND SERVICES".

Rev	Date	Drawn	Description	Ch'k'd	App'd
C	09.06.25	NDO/AUL	Survey Area Expanded	AM	NDO

N D OLIVER & CO
CHARTERED GEOMATIC SURVEYORS
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

WALKER SIME LTD
THE CORNERHOUSE
FOURTH AVENUE
TRAFFORD PARK
MANCHESTER, M14 7DB

Title

WYTHENSHAWE CIVIC CENTRE
WYTHENSHAWE
M22 5RQ

TOPOGRAPHICAL & UTILITIES SURVEY
SHEET 8 OF 10

Surveyed	PG/HS/OB	Drawn	HS/PK/OB	Drawn Date:
Checked	AM	Approved	NDO	30/04/2025

Scale	Project	Status
1:200 @ A1	13162	REV
	CAD File P:\13162\DRAWINGS\13162_001C.DWG	

Drawing No	Rev
13162 / 001C / 8	C

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