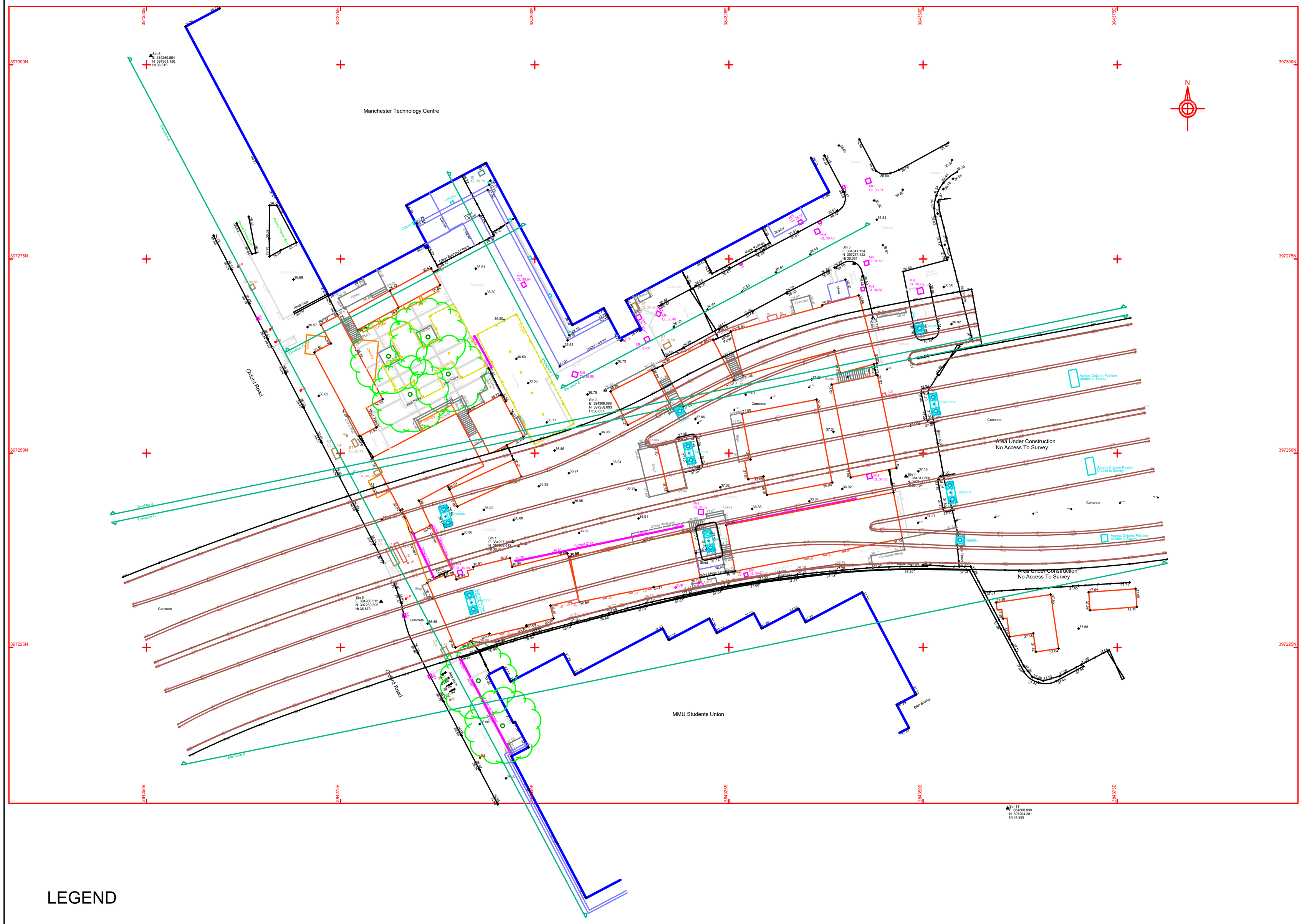
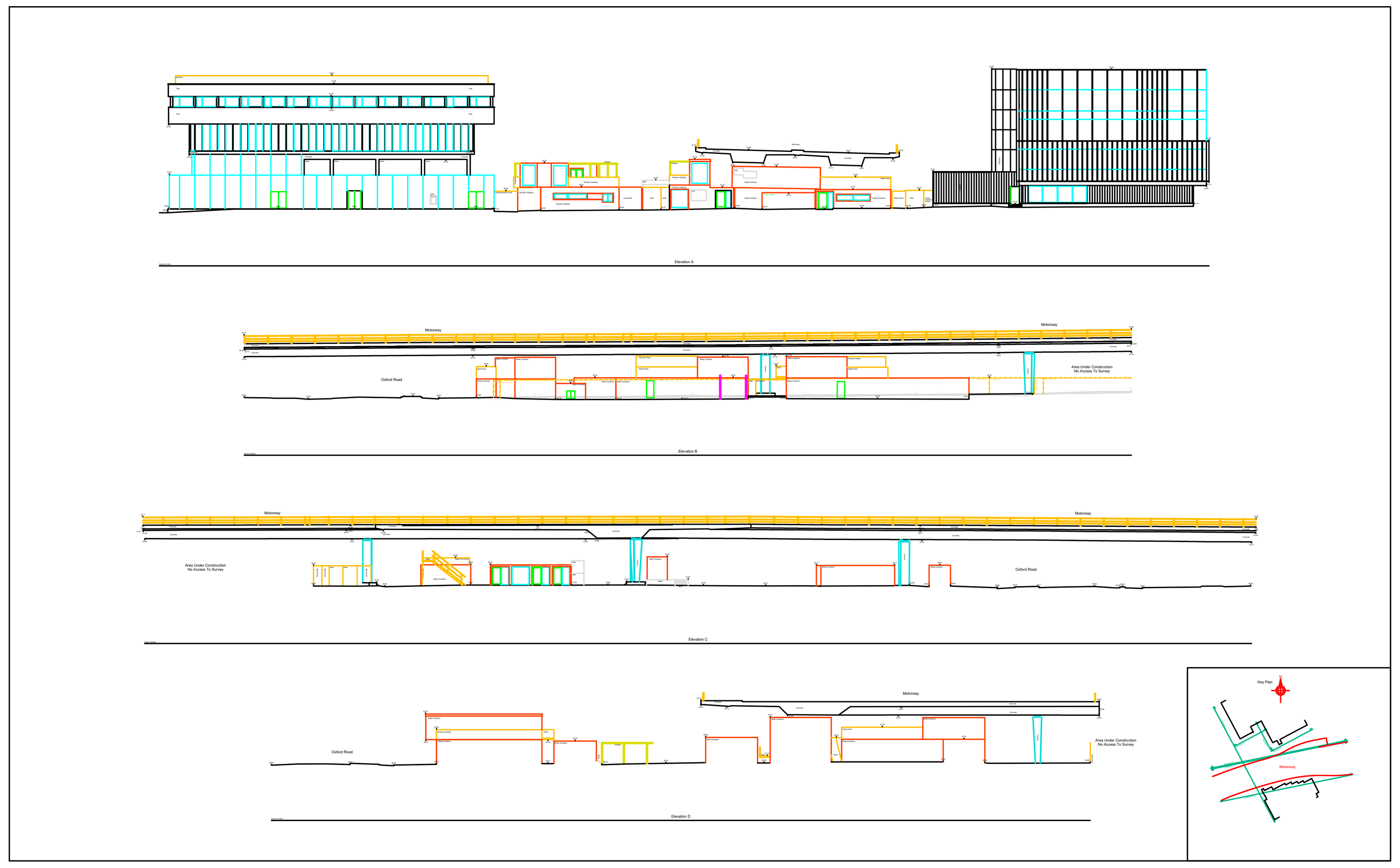
A1







LEGEND

AV	Air valve
AWS	Automatic warning system
B	Bollard
BB	Belisha beacon
BS	Bus stop
BT	Telecom cover
CCTV	Closed circuit television camera
CL	Cover level
CTV	Cable TV cover
d	Depth below surface
ER	Earth rod
EOT	End of trace
FH	Fire hydrant
FS	Flagstaff
G	Gully
GV	Gas valve
IB	Impedance bond
IC	Inspection cover
ICE	Electricity cover
IL	Invert level
JB	Junction box
KO	Kerb outlet
LP	Lamp post
MH	Manhole
MK	Utility marker
OSBM	Ordnance Survey bench mark
P	Post
PI	Pipe
PM	Parking meter
PP	Power pole
RE	Rodding eye
RS	Road sign
RWP	Rainwater pipe
SP	Signal post
Stn	Survey station
SV	Stop valve
SVP	Soil vent pipe
TB	Tree stump
TCB	Telephone call box
TL	Traffic light
TOWS	Train operated warning system
TP	Telecom pole
TS	Track switch
UTL	Unable to lift
UTS	Unable to survey
UTT	Unable to trace
VP	Vent pipe
WB	Waste bin
WM	Water meter
WO	Water outlet

Rev	Date	By	Notes

CONTROL INFORMATION

GRID	Graphically fitted to existing grid (Related to National Grid (OSTN15) at survey station 3)
DATUM	Ordnance Datum (OSGM15)
VALUE	Taken from GPS
LOCATION	

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Team Valley Gateshead NE11 0NJ
Tel (0191) 491 3444 Fax (0191) 491 3477

Job Title	STACK Manchester
Drawing Title	Overview
Scales	Not to Scale
Date	08/03/23
Survey	ES/TL
Drawn	JC
Checked	LD
Drawing Status	ISSUE
Job No.	4653
Drawing No.	00
Rev.	

A1

384250E 384275E 384300E 384325E 384350E 384375E

397300N 397275N 397250N 397225N

Manchester Technology Centre

Oxford Road

MMU Students Union

Area Under Construction
No Access To Survey

Concrete

Stn 8
E 384250.554
N 397301.156
Ht 36.319

Stn 2
E 384309.066
N 397258.093
Ht 36.837

Stn 1
E 384297.129
N 397238.612
Ht 36.842

Stn 3
E 384341.124
N 397274.422
Ht 36.661

Stn 4
E 384347.808
N 397247.022
Ht 37.154

Stn 9
E 384280.212
N 397230.896
Ht 36.879

Elevation A
Elevation B
Elevation C
Elevation D
Elevation E
Elevation F

LEGEND

AV	Air valve
AWS	Automatic warning system
B	Bollard
BB	Belisha beacon
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Rev	Date	By	Notes

CONTROL INFORMATION

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VALUE	Taken from GPS
LOCATION	

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Job Title: STACK Manchester

Drawing Title: Topographical Survey

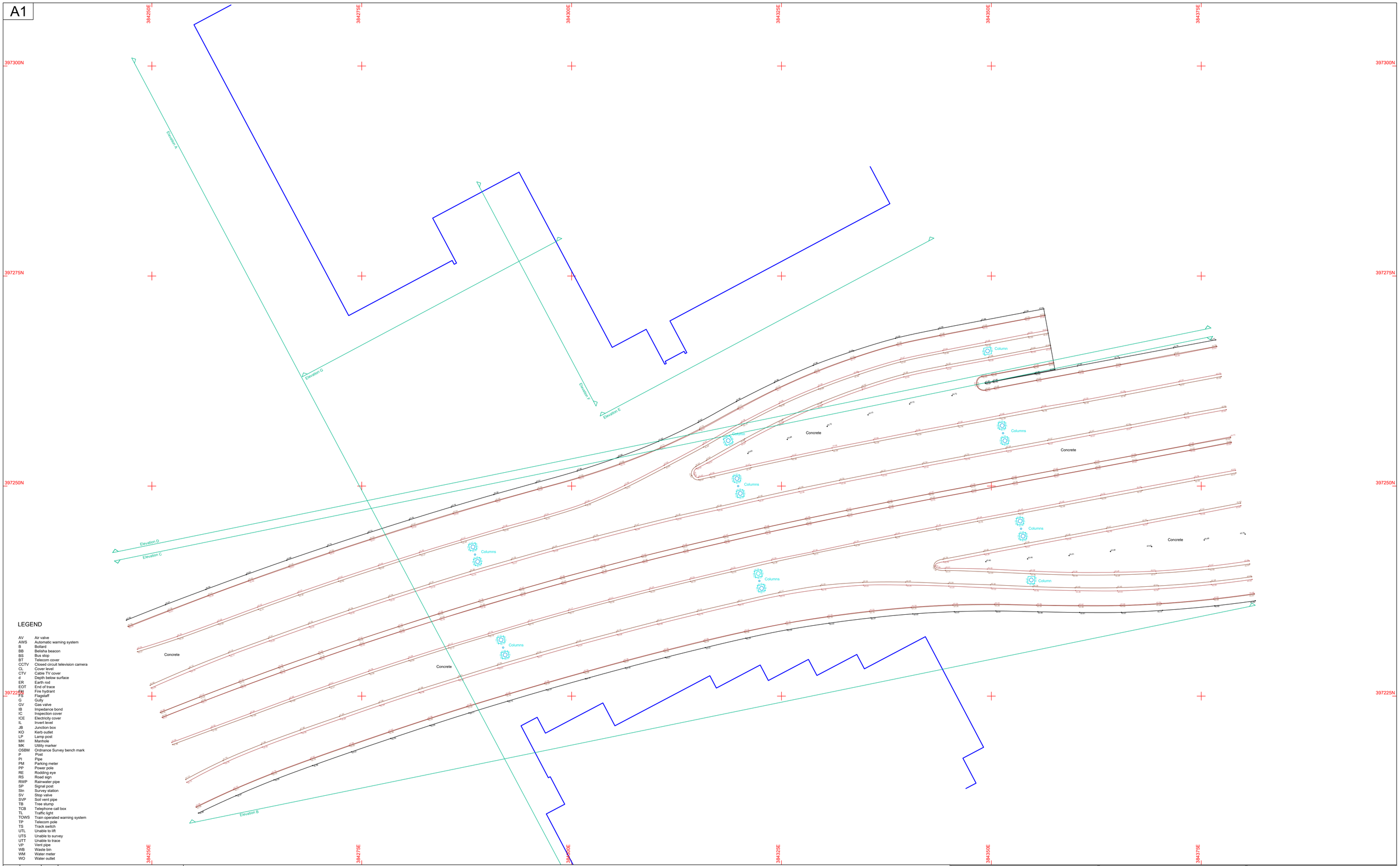
Scales: 1:200 Date: 08/03/23

Survey: ES/TL Drawn: JC Checked: LD

Drawing Status: ISSUE

Job No.: 4653 Drawing No.: 01 Rev.:

A1



LEGEND

AV	Air valve
AWS	Automatic warning system
B	Bollard
BB	Belisha beacon
BS	Bus stop
BT	Telecom cover
CCTV	Closed circuit television camera
CL	Cover level
CTV	Cable TV cover
d	Depth below surface
ER	Earth rod
EOT	End of trace
FH	Fire hydrant
FS	Flagstaff
G	Gully
GV	Gas valve
IB	Impedance bond
IC	Inspection cover
ICE	Electricity cover
IL	Invert level
JB	Junction box
KO	Kerb outlet
LP	Lamp post
MH	Manhole
MK	Utility marker
OSBM	Ordnance Survey bench mark
P	Post
PI	Pipe
PM	Parking meter
PP	Power pole
RE	Rodding eye
RS	Road sign
RWP	Rainwater pipe
SP	Signal post
Stn	Survey station
SV	Stop valve
SVP	Soil vent pipe
TB	Tree stump
TCB	Telephone call box
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UTL	Unable to lift
UTS	Unable to survey
UTT	Unable to trace
VP	Vent pipe
WB	Waste bin
WM	Water meter
WO	Water outlet

Rev	Date	By	Notes

CONTROL INFORMATION

GRID	Graphically fitted to existing grid (Related to National Grid (OSTN15) at survey station 3)
DATUM	Ordnance Datum (OSGM15)
VALUE	Taken from GPS
LOCATION	

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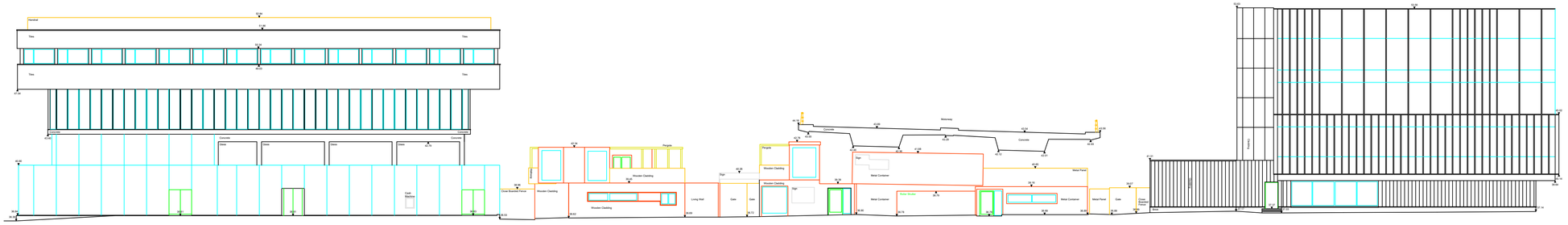
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Job Title: STACK Manchester

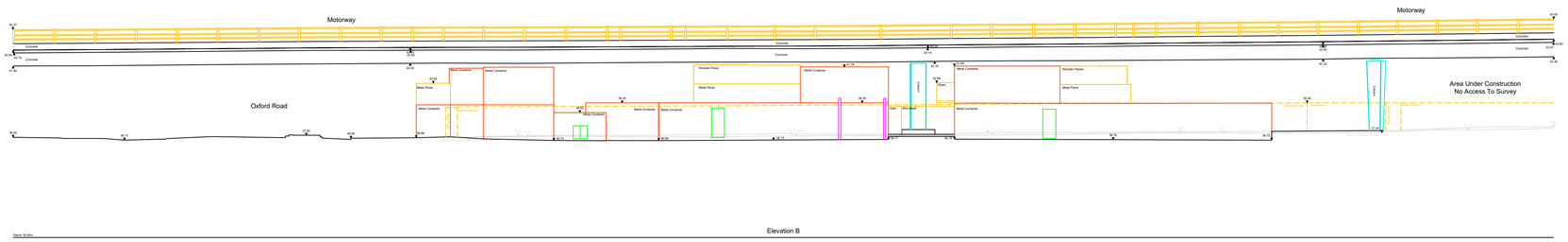
Drawing Title: Underside of Motorway

Scales	1:200	Date	08/03/23
Survey	ES/TL	Drawn	JC
		Checked	LD
Drawing Status	ISSUE		
Job No.	4653	Drawing No.	02
		Rev.	

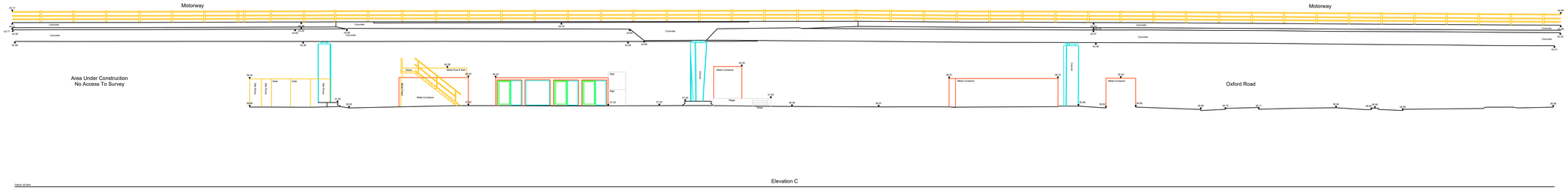
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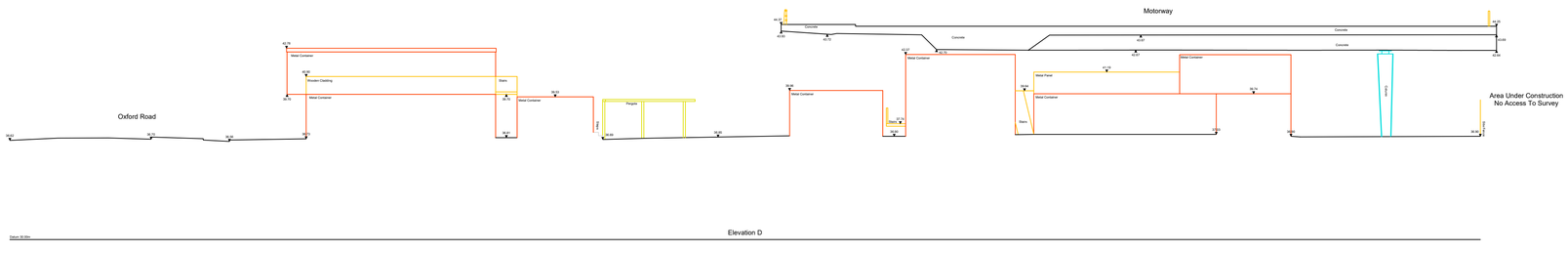
Elevation A



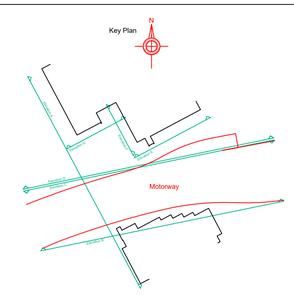
Elevation B



Elevation C



Elevation D



Rev	Date	By	Notes

CONTROL INFORMATION

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DATUM	Ordnance Datum (OSGM15)
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LOCATION	

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Job Title: STACK Manchester

Drawing Title: Elevations

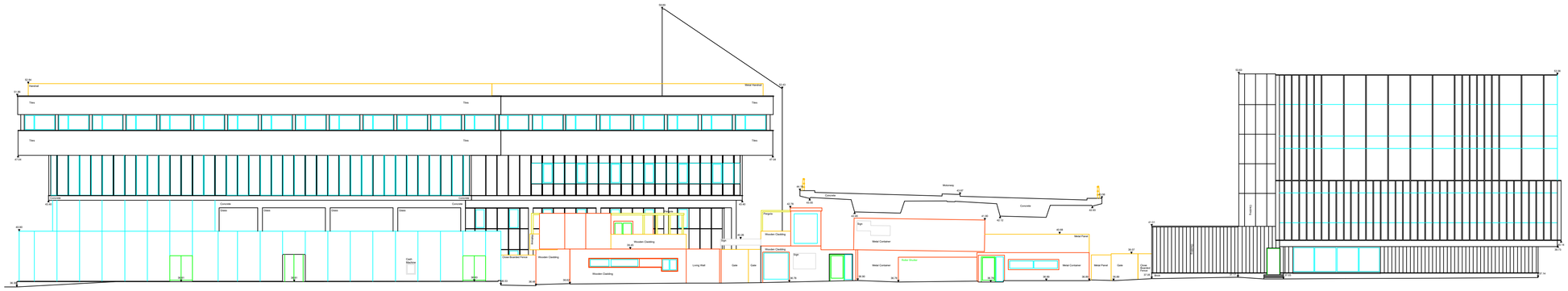
Scales: 1:200 | Date: 08/03/23

Survey: ES/TL | Drawn: JC | Checked: LD

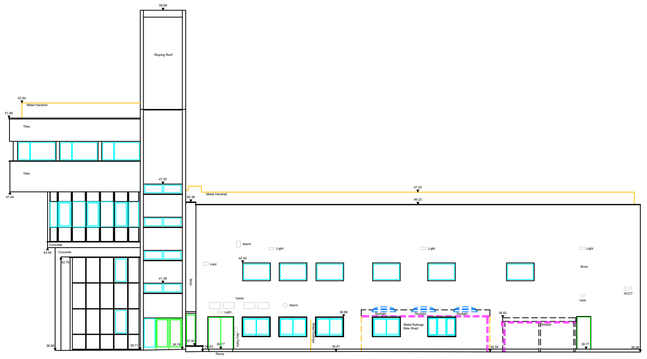
Drawing Status: ISSUE

Job No.: 4653 | Drawing No.: 03 | Rev.:

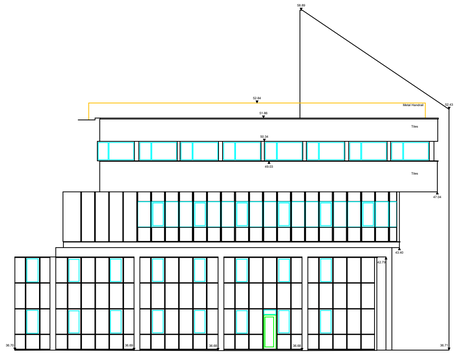
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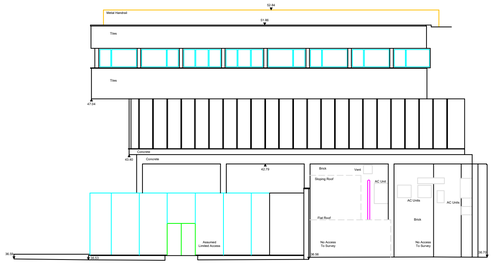
Elevation A & F



Elevation E



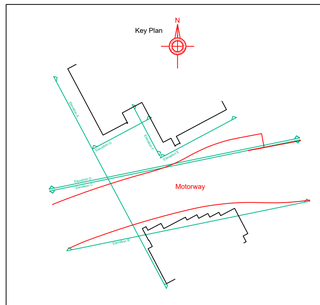
Elevation F



Elevation G



Elevation G & E



Rev	Date	By	Notes

CONTROL INFORMATION

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LOCATION	

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Job Title: STACK Manchester

Drawing Title: Elevations

Scales: 1:200 | Date: 08/03/23

Survey: ES/TL | Drawn: JC | Checked: LD

Drawing Status: ISSUE

Job No.: 4653 | Drawing No.: 04 | Rev.: