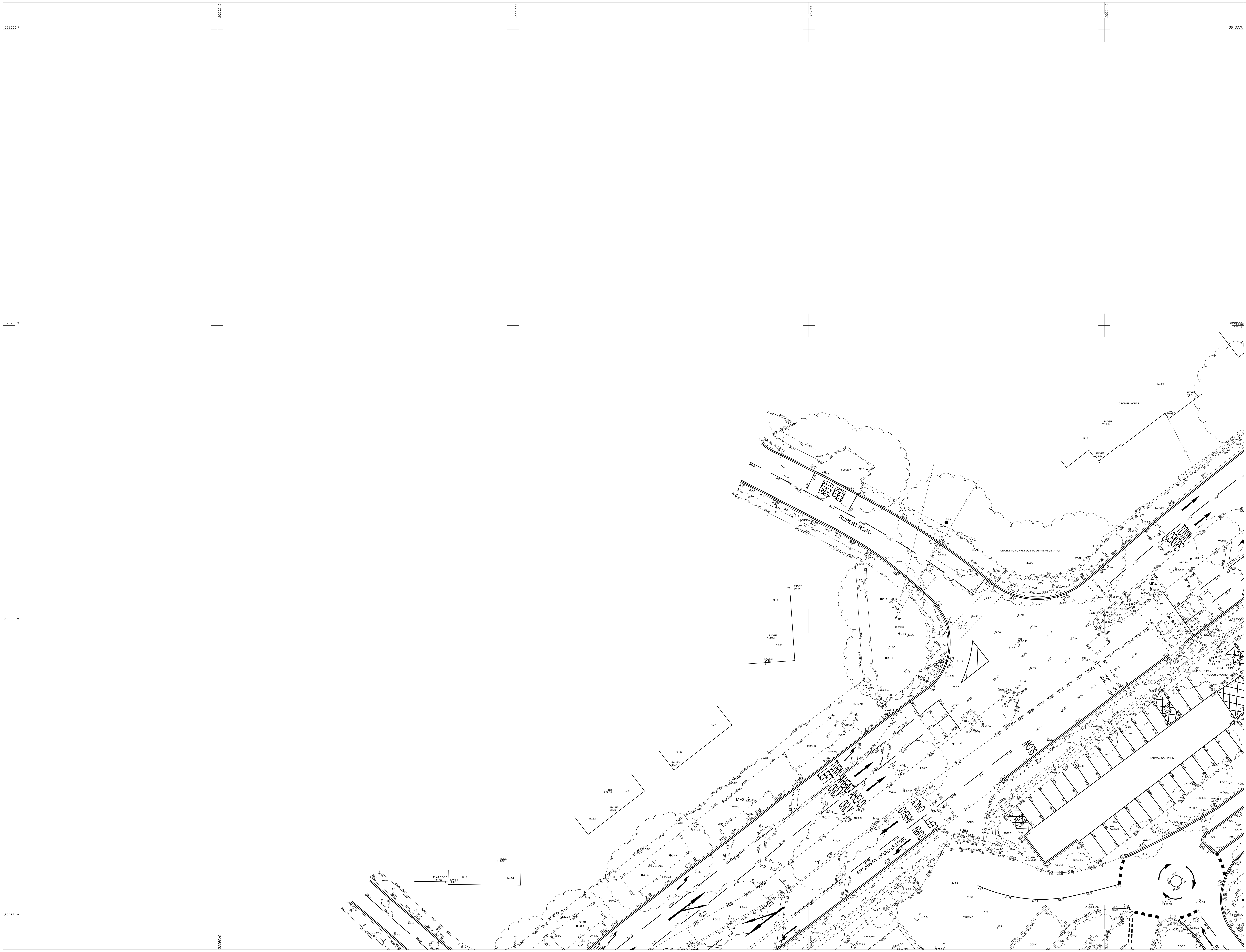
391000N
390950N
390900N
390850N
343950E
344000E
344050E
344100E
RUPERT ROAD
KEEP CLEAR
ARCHWAY ROAD (B5199)
TURN LEFT AHEAD ONLY
TURN LEFT AHEAD ONLY
SLOW
TOWN CENTRE
CROMER HOUSE
No.20
No.22
No.1
No.24
No.26
No.28
No.30
No.32
No.34
No.2
FLAT ROOF 33.58
EAVES 36.03
RIDGE 44.10
RIDGE 41.46
RIDGE 39.65
RIDGE 39.34
RIDGE 38.99
EAVES 40.73
EAVES 37.79
EAVES 40.80
EAVES 36.87
EAVES 36.90
EAVES 37.01
EAVES 36.59
UNABLE TO SURVEY DUE TO DENSE VEGETATION
TARMAC
GRASS
PAVING
STONE WALL
BRICK WALL
DRAINAGE CHANNEL
PEDESTRIAN CROSSING
TARMAC CAR PARK
ROUGH GROUND
BUSHES
CONC
PAVIORS
SPEED BUMP
STEPS
STUMP
MF2
MF4
SO3

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MF5	344217.71	390948.63	36.81

STANDARD REFERENCE & ABBREVIATIONS

(AR)........Assumed Route	IL..........Invert Level
AB..........Air Brick	IP..........Inlet Pipe
AV..........Air Valve	KO..........Kerb Outlet
B/W.........Barbed Wire	LB..........Letter Box
BAR.........Barrier	LP..........Lamp Post
BB..........Belisha Beacon	MG..........Multi-Girth
BH..........Borehole	MH..........Manhole
BL..........Bed Level	MKR.........Marker
BOL.........Bollard	MP..........Mooring Point
BS..........Bus Stop	NP..........Street Name Plate
BT Box......British Telecom Box	O/H.........Overhead
BT..........British Telecom IC	O/P.........Open Paling
BRTW........Brick Retaining Wall	OE..........Overhead Electric Wire
BW..........Brick Wall	OP..........Outfall Pipe
C/B.........Close Boarded	OSBM........Ordnance Survey Bench Mark
C/I.........Corrugated Iron	OT..........Overhead Telecom Wire
C/P.........Chestnut Paling	P/C.........Post & Chain
CB..........Control Box	P/R.........Post & Rail
CBW.........Concrete Block Wall	P/W.........Post & Wire
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CD..........Cable Duct	PB..........Pillar Box
CEL.........Cellar Light	PC..........Pedestrian Crossing
CH/L........Chain Link	PP..........Petrol Pump
CHY.........Chimney	PT..........Post or Pillar
CL..........Cover Level	RE..........Rodding Eye
CM..........Cable Marker	RS..........Road Sign
COL.........Column	RTW.........Retaining Wall
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DC..........Drainage Channel	SRTW........Stone Retaining Wall
DPC.........Damp Proof Course	SV..........Stop Valve (unspecified)
DR..........Drain	SVP.........Soil Vent Pipe
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EJB.........Electricity Junction Box	TCB.........Telephone Call Box
EL SUB STN..Electricity Sub Station	TFR.........Taken From Records
EL..........Eaves Level	TIE.........Anchor Point (Masts/Poles)
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FB..........Flower Bed	TP..........Telecommunications Pole
FH..........Fire Hydrant	TPIT........Trial Pit
FL..........Floor Level	TS..........Trash Screen
FP..........Flagpole	U/C.........Under Construction
G*.*........Girth (of tree)	U/G.........Underground
G...........Gulley	UTL.........Unable to Lift (MH,IC etc)
GAB.........Gabion	UTS.........Unable to Survey
GIP.........Gas Inlet Pipe	VDP.........Vehicle Detector Pad
GMKR........Gas Marker	VP..........Vent Pipe
GST.........Gas Stop Tap (Domestic)	W/M.........Wire Mesh
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HSE.........Housing	WM..........Water Meter
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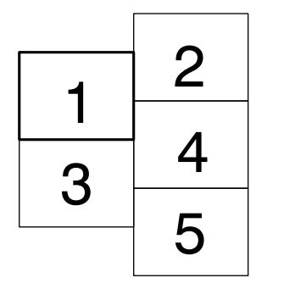

Sheet Layout

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Sheet 1 of 5

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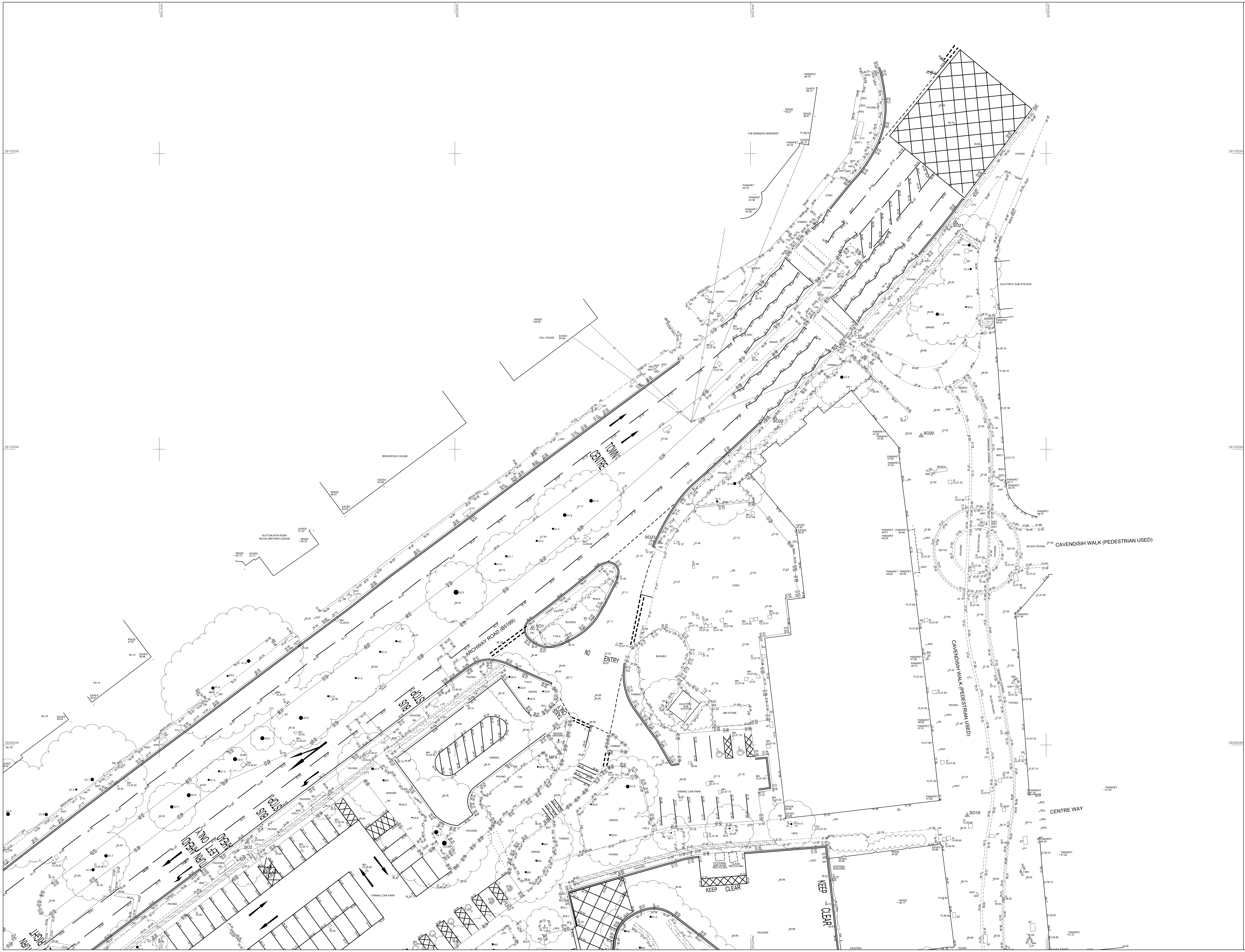
Sheet Size & Drg Number & Revision
A0 23F247/001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390950N
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EAVES 48.13
RIDGE 50.21
RIDGE 48.91
THE BARKER'S BREWERY
FL39.76
EAVES 48.12
PARAPET 44.78
PARAPET 43.38
PARAPET 43.39
RIDGE 48.29
HILL HOUSE
EAVES 44.94
BROOKFIELD HOUSE
EAVES 43.06
RIDGE 46.61
EAVES 43.00
HUYTON WITH ROBY ROYAL BRITHISH LEGION
EAVES 41.57
RIDGE 45.72
RIDGE 45.73
EAVES 41.71
RIDGE 41.87
No.12
EAVES 38.96
No.14
EAVES 38.91
No.16
EAVES 38.54
No.18
CONC
TARMAC
GRASS
PAVING
BRICK WALL
STONE WALL
BENCH
PEDESTRIAN CROSSING
LOOK LEFT
LOOK RIGHT
TOWN CENTRE
ARCHWAY ROAD (B5199)
BUS STOP
TURN AHEAD ONLY
LEFT ONLY
AHEAD
TURN RIGHT
NO ENTRY
TAXIS ONLY
SO1
SO2
SO19
SO20
SO21
SO22
SO23
MF5
ELECTRICY SUB STATION
ELECTRIC SUB STATION
STEPS
PARAPET 48.09
BUSHES
BIN STORE
TARMAC CAR PARK
ROUGH GROUND
SHRUBS
STUMP
PAVIORS
SPEED RAMP
CLOTHING AND SHOE RECYCLING
GLASS RECYCLING
KEEP CLEAR
KEEP CLEAR
EXISTING BUILDING
RIDGE 44.00
RIDGE 49.17
EAVES 40.90
DRAINAGE CHANNEL
SETTS
PAVIORS
BLOCK PAVING
CAVENDISIH WALK (PEDESTRIAN USED)
CAVENDISH WALK (PEDESTRIAN USED)
CENTRE WAY
PARAPET 47.42
PARAPET 44.24
PARAPET 47.29
PARAPET 47.31

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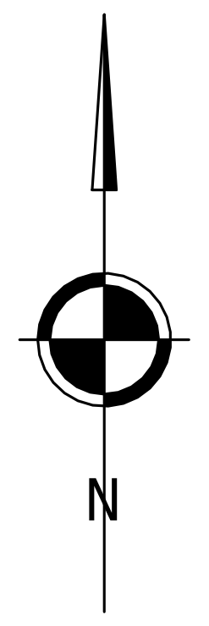

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AV	Air Valve
B/W	Barbed Wire
BAR	Barrier
BB	Belisha Beacon
BH	Borehole
BL	Bed Level
BOL	Bollard
BS	Bus Stop
BT Box	British Telecom Box
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BRTW	Brick Retaining Wall
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FL	Floor Level
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G	Gulley
GAB	Gabion
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GMKR	Gas Marker
GST	Gas Stop Tap (Domestic)
GSV	Gas Stop Valve (Mains)
HSE	Housing
Ht	Height
HV	High Voltage
I/R	Iron Railing
IC	Inspection Cover
IL	Invert Level
IP	Inlet Pipe
KO	Kerb Outlet
LB	Letter Box
LP	Lamp Post
MG	Multi-Girth
MH	Manhole
MKR	Marker
MP	Mooring Point
NP	Street Name Plate
O/H	Overhead
O/P	Open Paling
OE	Overhead Electric Wire
OP	Outfall Pipe
OSBM	Ordnance Survey Bench Mark
OT	Overhead Telecom Wire
P/C	Post & Chain
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PAV	Paving
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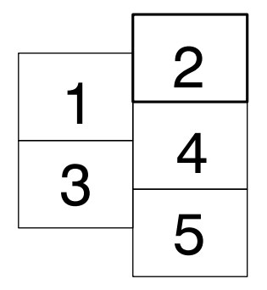

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Buro Happold Limted

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Sheet 2 of 5

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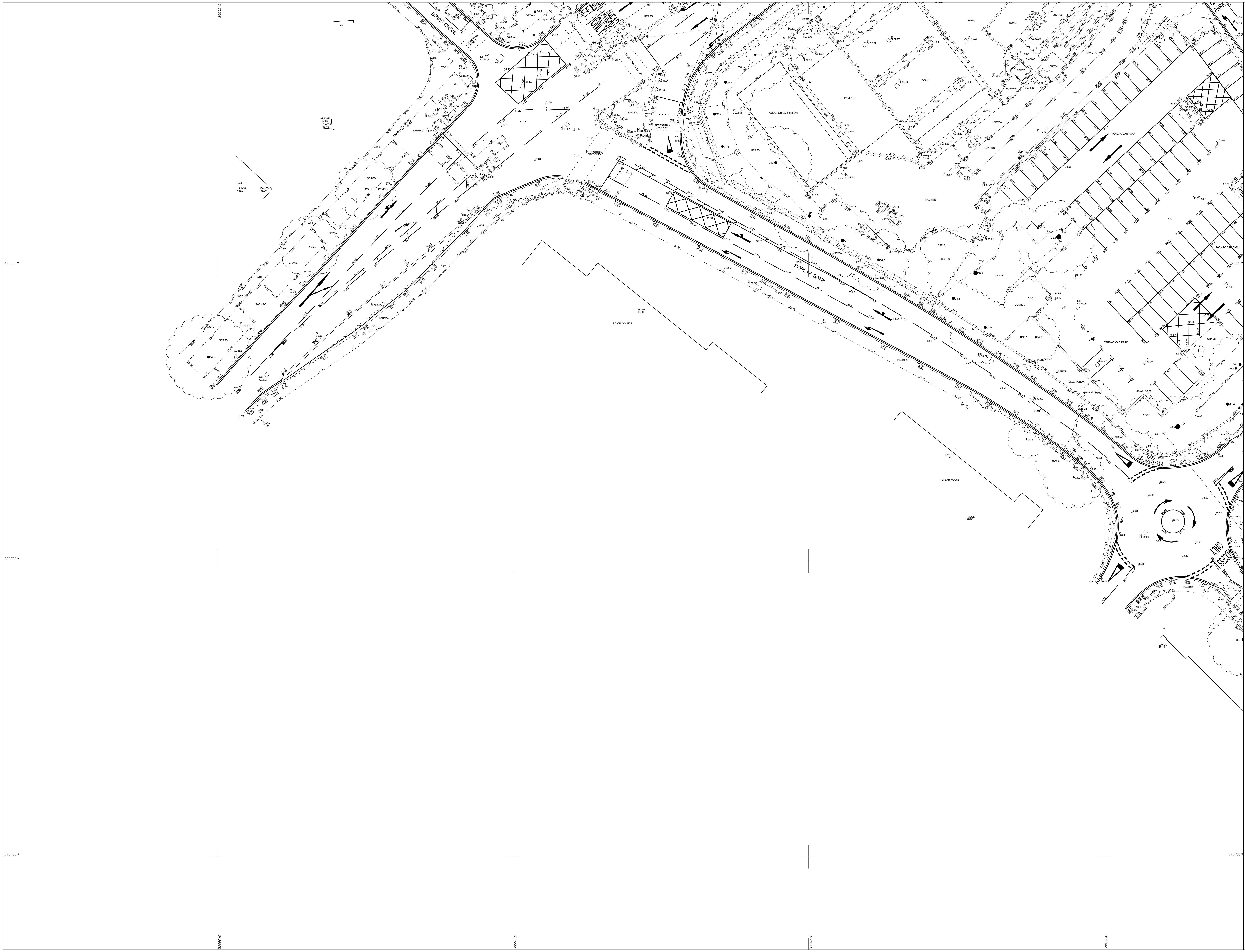
Job Number	23F247	Checked	MG

Sheet Size & Drg Number & Revision

A0 23F247/002



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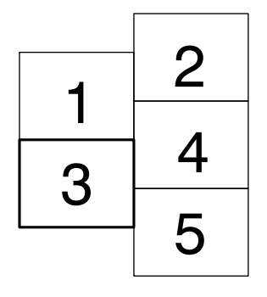

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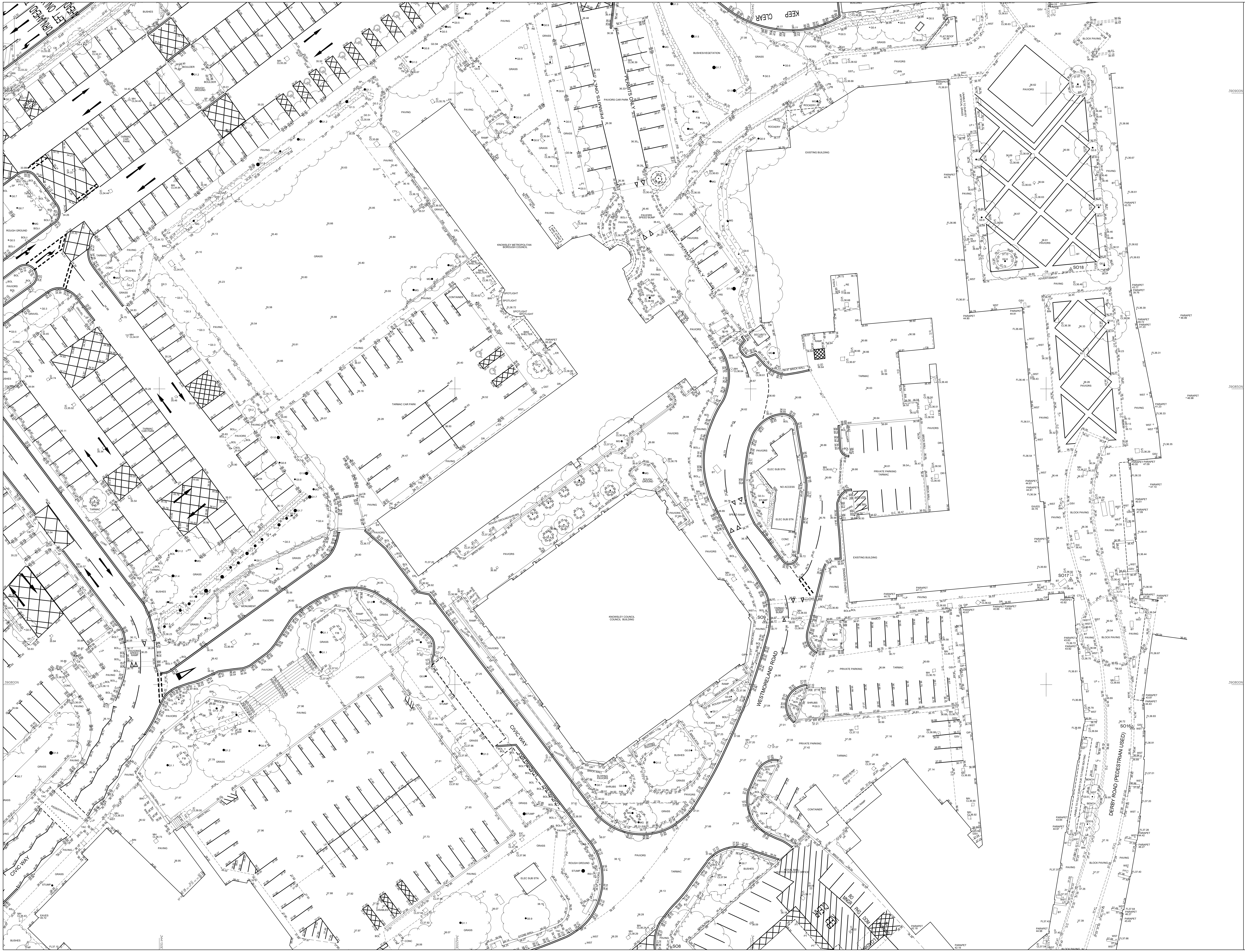
Sheet Size & Drg Number & Revision
A0 23F247/003


KNOWSLEY METROPOLITAN BOROUGH COUNCIL
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PAVIORS CAR PARK
PERMITS ONLY
PRIVATE PARKING TARMAC
ELEC SUB STN
NO ACCESS
SECURITY HUT
CONTAINER
BIKE SHELTER
MONUMENT
WESTMORELAND ROAD
CIVIC WAY
LOADING BAY
DERBY ROAD (PEDESTRIAN USED)
UNABLE TO FULLY SURVEY DUE TO FIXED SEATING
UNABLE TO SURVEY ARTIFICAL GRASS
ROYAL MAIL HUYTON DELIVERY OFFICE
KEEP CLEAR
PEDESTRIAN CROSSING
SPEED RAMP
PAVIORS SPEED BUMP
ROUGH GROUND
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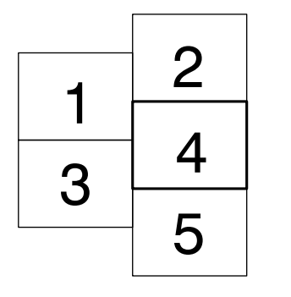
SO23	344234.69	390984.24	37.32
MF1	343988.84	390825.53	31.10
MF2	344039.81	390869.77	31.55
MF3	344071.61	390892.75	32.27
MF4	344108.08	390907.04	33.00
MF5	344217.71	390948.63	36.81

STANDARD REFERENCE & ABBREVIATIONS

(AR)	Assumed Route
AB	Air Brick
AV	Air Valve
B/W	Barbed Wire
BAR	Barrier
BB	Belisha Beacon
BH	Borehole
BL	Bed Level
BOL	Bollard
BS	Bus Stop
BT Box	British Telecom Box
BT	British Telecom IC
BRTW	Brick Retaining Wall
BW	Brick Wall
C/B	Close Boarded
C/I	Corrugated Iron
C/P	Chestnut Paling
CB	Control Box
CBW	Concrete Block Wall
CCTV	Closed Circuit TV
CD	Cable Duct
CEL	Cellar Light
CH/L	Chain Link
CHY	Chimney
CL	Cover Level
CM	Cable Marker
COL	Column
CONC	Concrete
CP	Catch Pit
CRTW	Concrete Retaining Wall
CTV	Cable Television
CUL	Culvert
CW	Concrete Block Wall
DC	Drainage Channel
DPC	Damp Proof Course
DR	Drain
DSW	Dry Stone Wall
ECP	Electricity Cable Pit
EIC	Electricity Inspection Cover
EJ	Expansion Joint
EJB	Electricity Junction Box
EL SUB STN.	Electricity Sub Station
EL	Eaves Level
ELB	Electricity Box
EP	Electricity Pole
ER	Earth Rod
ETL	Electricity Transmission Line
FB	Flower Bed
FH	Fire Hydrant
FL	Floor Level
FP	Flagpole
G*.*	Girth (of tree)
G	Gulley
GAB	Gabion
GIP	Gas Inlet Pipe
GMKR	Gas Marker
GST	Gas Stop Tap (Domestic)
GSV	Gas Stop Valve (Mains)
HSE	Housing
Ht	Height
HV	High Voltage
I/R	Iron Railing
IC	Inspection Cover

IL	Invert Level
IP	Inlet Pipe
KO	Kerb Outlet
LB	Letter Box
LP	Lamp Post
MG	Multi-Girth
MH	Manhole
MKR	Marker
MP	Mooring Point
NP	Street Name Plate
O/H	Overhead
O/P	Open Paling
OE	Overhead Electric Wire
OP	Outfall Pipe
OSBM	Ordnance Survey Bench Mark
OT	Overhead Telecom Wire
P/C	Post & Chain
P/R	Post & Rail
P/W	Post & Wire
PAV	Paving
PB	Pillar Box
PC	Pedestrian Crossing
PP	Petrol Pump
PT	Post or Pillar
RE	Rodding Eye
RS	Road Sign
RTW	Retaining Wall
RWP	Rain Water Pipe
SAP	Sapling
SL	Sump Level
SoL	Soffit Level
SP	Sign Post
SPL	Springing Level
SRTW	Stone Retaining Wall
SV	Stop Valve (unspecified)
SVP	Soil Vent Pipe
SW	Stone Wall
TAC	Tactile Paving
TB	Traffic Bollard
TBM	Temporary Bench Mark
TCB	Telephone Call Box
TFR	Taken From Records
TIE	Anchor Point (Masts/Poles)
TL	Traffic Light
TLB	Traffic Light Control Box
TM	Ticket Machine
TMC	Tarmac
TP	Telecommunications Pole
TPIT	Trial Pit
TS	Trash Screen
U/C	Under Construction
U/G	Underground
UTL	Unable to Lift (MH,IC etc)
UTS	Unable to Survey
VDP	Vehicle Detector Pad
VP	Vent Pipe
W/M	Wire Mesh
WL	Water Level
WM	Water Meter
WO	Wash Out
WP	Waste Pipe
WST	Water Stop Tap (domestic)
WSV	Water Stop Valve (mains)



Sheet Layout

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Client

Buro Happold Limted

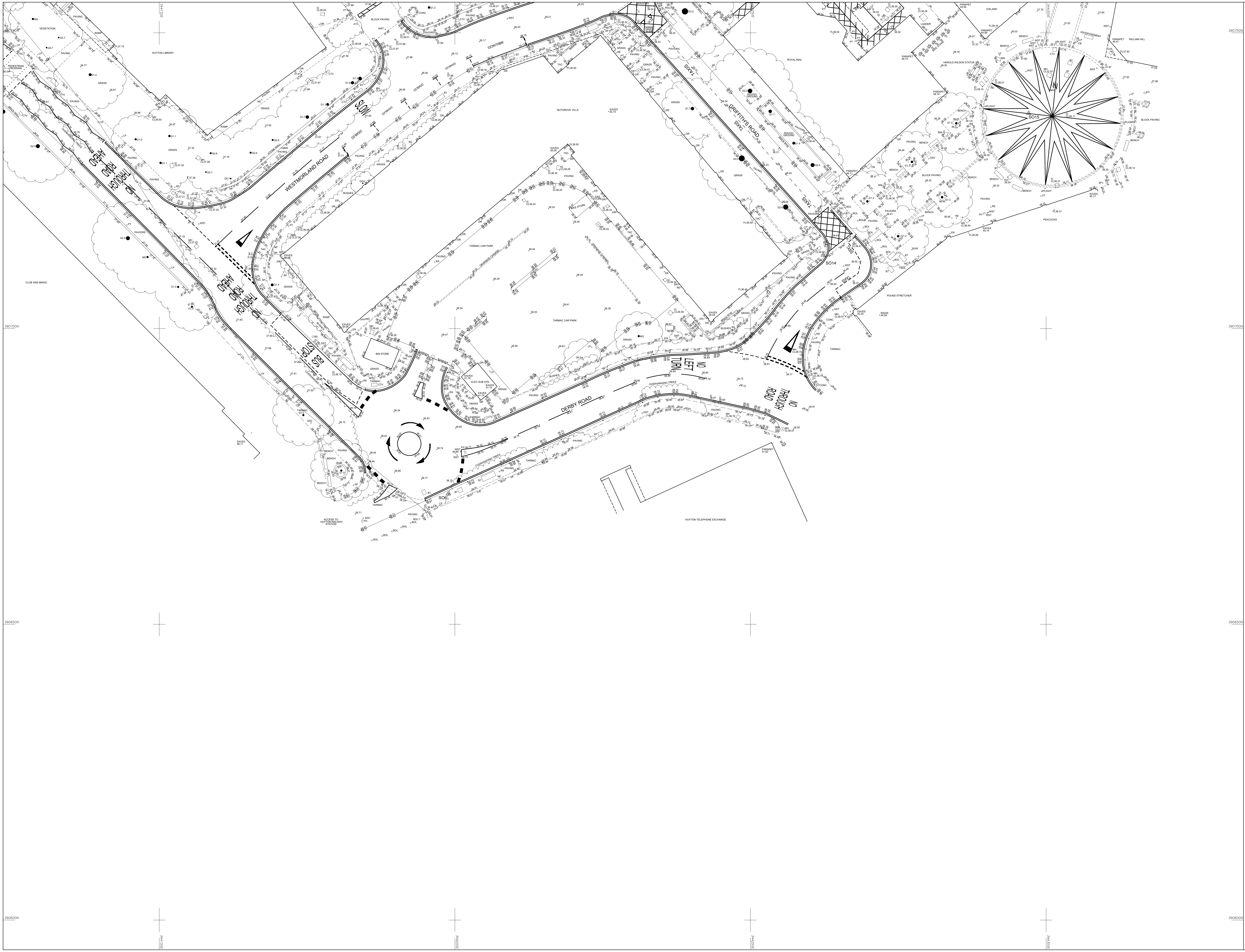
Drawing Title

Topographical Survey of Land at:
Huyton Town Centre
Liverpool
Sheet 4 of 5

Scale(s)	1:200	Surveyor	SB/MF
Date	Aug 23	Drawn	DIF/OKS
Job Number	23F247	Checked	MG

Sheet Size & Drg Number & Revision

A0 23F247/004



HUYTON LIBRARY
VEGETATION
PEDESTRIAN CROSSING
GRASS
PAVING
RAMP
BRICK WALL
OVERHANGING TREES
NO THROUGH ROAD AHEAD
CLUB 3000 BINGO
PAVIORS
WESTMORLAND ROAD
SLOW
DISABLED
AMBULANCES
BLOCK PAVING
NUTGROVE VILLA
EAVES 52.73
TARMAC CAR PARK
DRAINAGE CHANNEL
GRAVEL
BIKE STORE
GAS STORE
BUS STOP
BIN STORE
ELEC SUB STN
BUSHES
DERBY ROAD
NO LEFT TURN
NO THROUGH ROAD
GRIFFITH'S ROAD
TAXIS
ROUGH GROUND
BRICK RTW
ROYAL MAIL
TARMAC SPEED BUMP
ICELAND
LADDER
BIKE STAND
HAROLD WILSON STATUE
ADVERTISEMENT
WILLIAM HILL
PARAPET 44.95
PARAPET 46.72
PARAPET 46.74
PARAPET 46.71
PARAPET 45.41
PARAPET 51.62
SO6
SO14
SO15
BENCH
UPLIGHT
PEACOCKS
POUND STRETCHER
EAVES 42.20
RIDGE 44.59
EAVES 45.17
EAVES 45.14
EAVES 46.11
EAVES 50.05
EAVES 50.04
EAVES 50.06
COBBLES
ACCESS TO HUYTON RAILWAY STATION
HUYTON TELEPHONE EXCHANGE
390750N
390700N
390650N
390600N
344150E
344200E
344250E
344300E

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N

Note:

The survey is plotted on a plane local Grid. Orientation to National Grid. All levels relate to Ordnance Datum, achieved using the OS National GPS Network.

Survey Control Markers established for Mapping purposes only and should not be used for Construction without the written approval of Survey Operations Ltd.

SURVEY STATIONS

Name	Easting	Northing	Height
SO1	344213.11	390969.75	36.53
SO2	344164.89	390933.59	34.77
SO3	344106.90	390889.28	32.82
SO4	344017.31	390824.70	31.30
SO5	344108.36	390766.76	35.76
SO6	344198.88	390672.05	38.84
SO8	344234.66	390755.20	38.35
SO9	344252.40	390810.65	36.90
SO14	344262.29	390712.44	38.51
SO15	344297.06	390736.38	38.15
SO16	344314.57	390792.71	36.75
SO17	344304.17	390817.72	36.51
SO18	344304.17	390870.10	36.54
SO19	344286.65	390938.10	37.00
SO20	344278.87	391002.29	38.02
SO21	344284.68	391038.40	39.65
SO22	344254.12	391005.34	38.23
SO23	344234.69	390984.24	37.32
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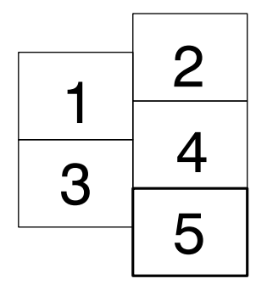

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Sheet 5 of 5

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