

Norfolk

Published 1929

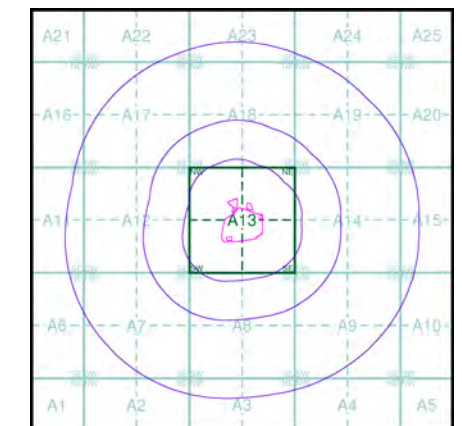
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overlaid with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

063NW 1929 1:10,560	063NE 1929 1:10,560
063SW 1929 1:10,560	063SE 1929 1:10,560

Historical Map - Slice A

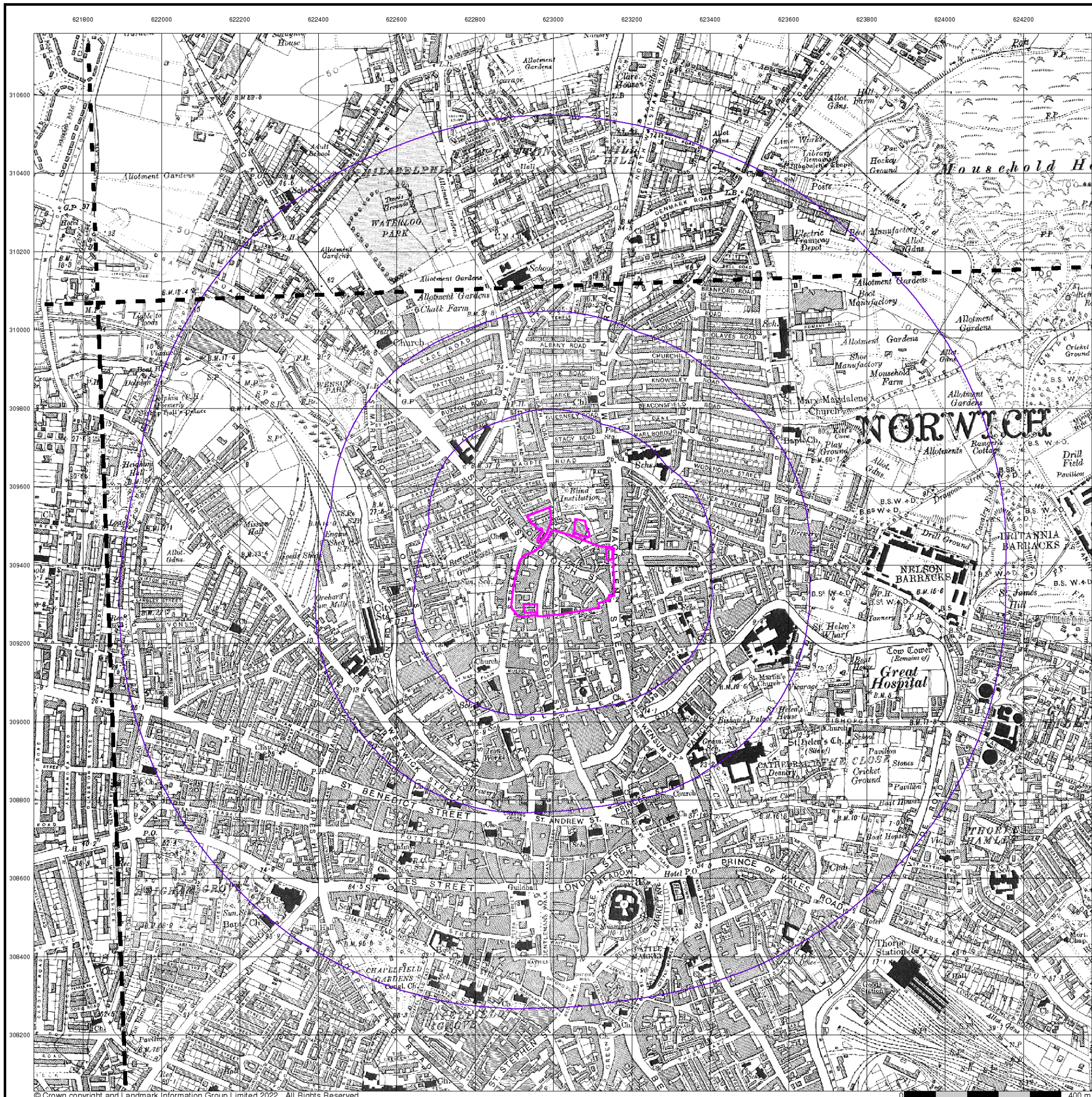


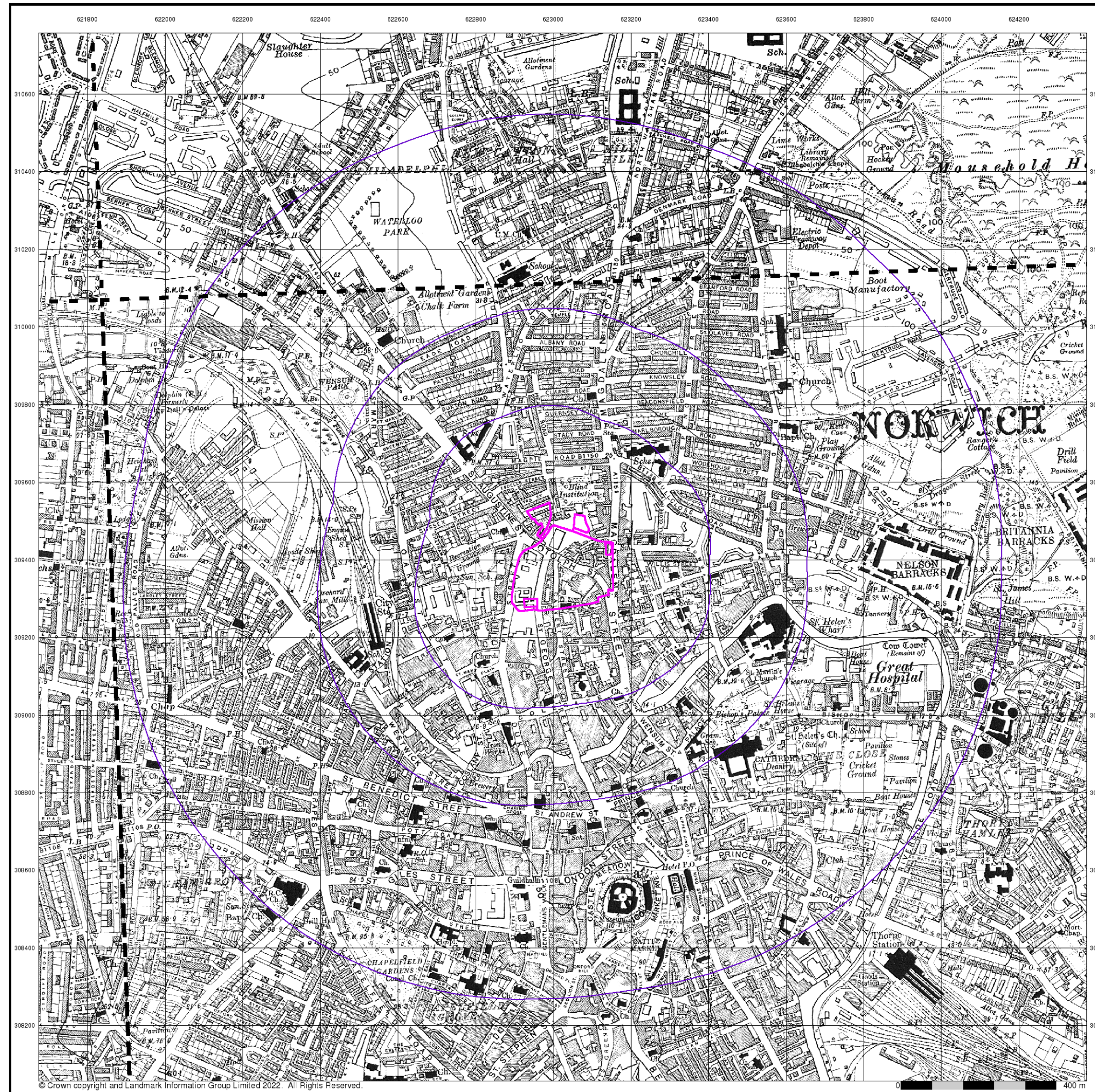
Order Details

Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details

Anglia Square, NORWICH, NR3 1DZ





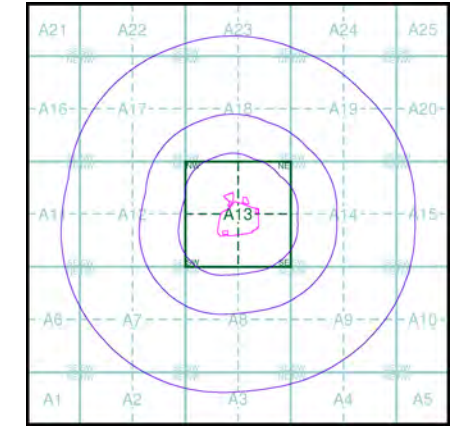
Norfolk
Published 1938
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

063NW 1938 1:10,560	063NE 1938 1:10,560
063SW 1938 1:10,560	063SE 1938 1:10,560

Historical Map - Slice A



Order Details

Order Number: 297057661_1_1
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 Slice: A
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Site Details

Anglia Square, NORWICH, NR3 1DZ

Norfolk

Published 1950 - 1951

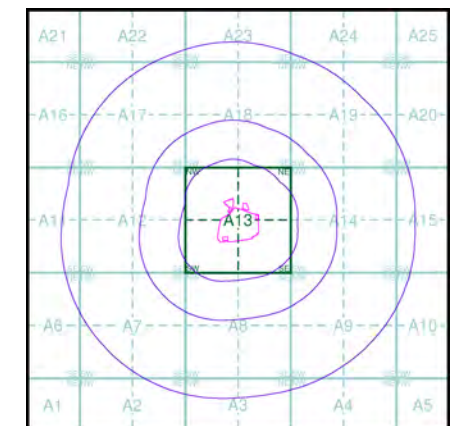
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

063NW 1951 1:10,560	063NE 1950 1:10,560
063SW 1951 1:10,560	063SE 1951 1:10,560

Historical Map - Slice A

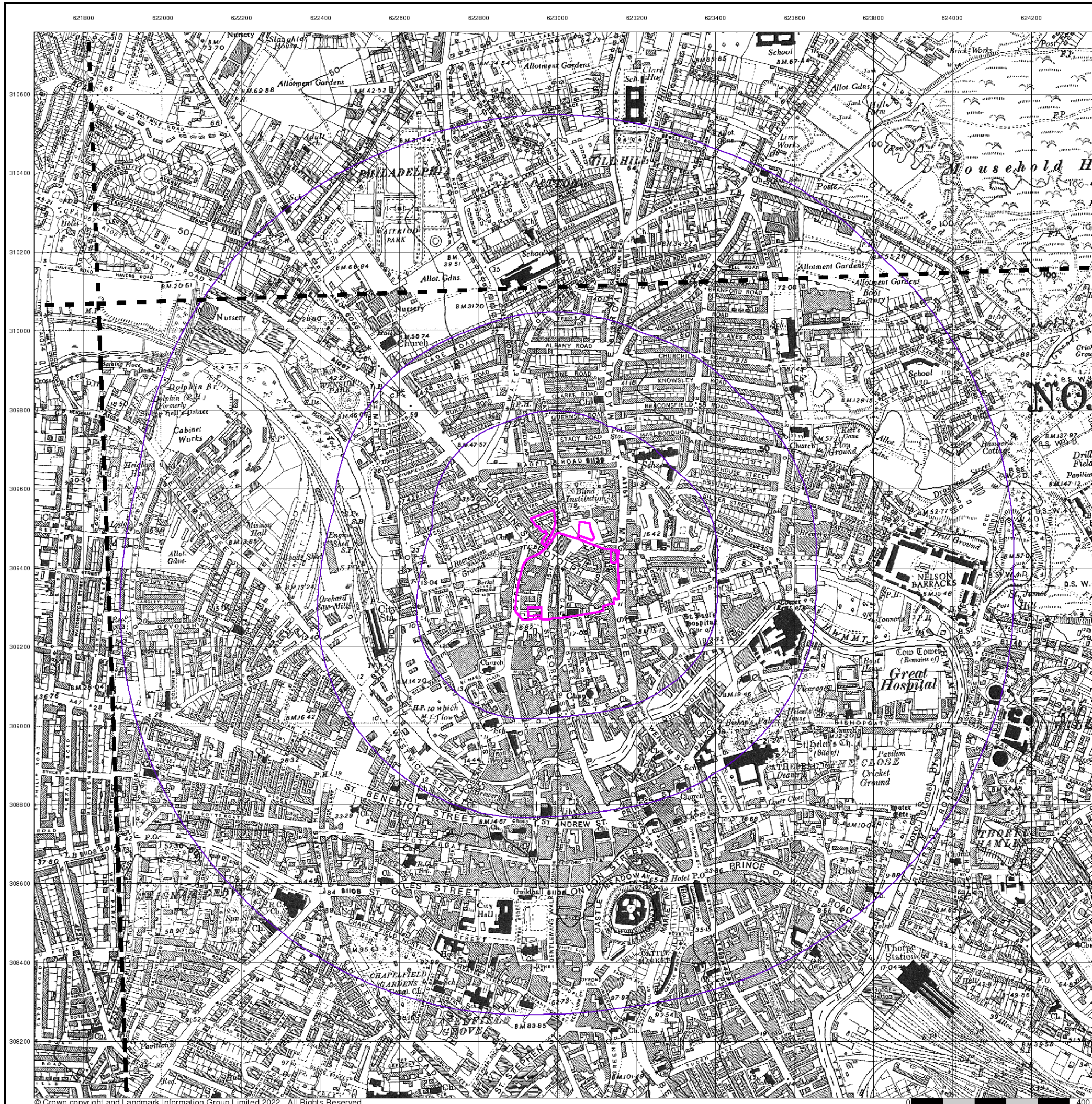


Order Details

Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
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 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details

Anglia Square, NORWICH, NR3 1DZ





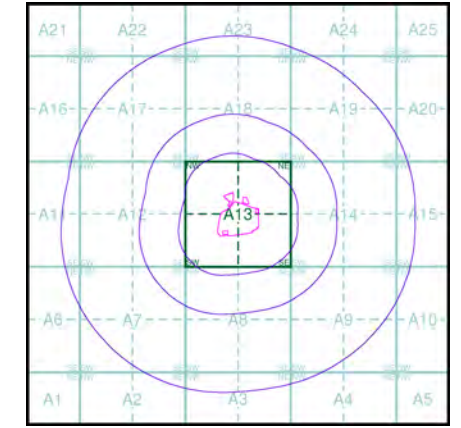
Ordnance Survey Plan Published 1957 - 1958 Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

TG21SW	1958	1:10,560
TG20NW	1957	1:10,560

Historical Map - Slice A

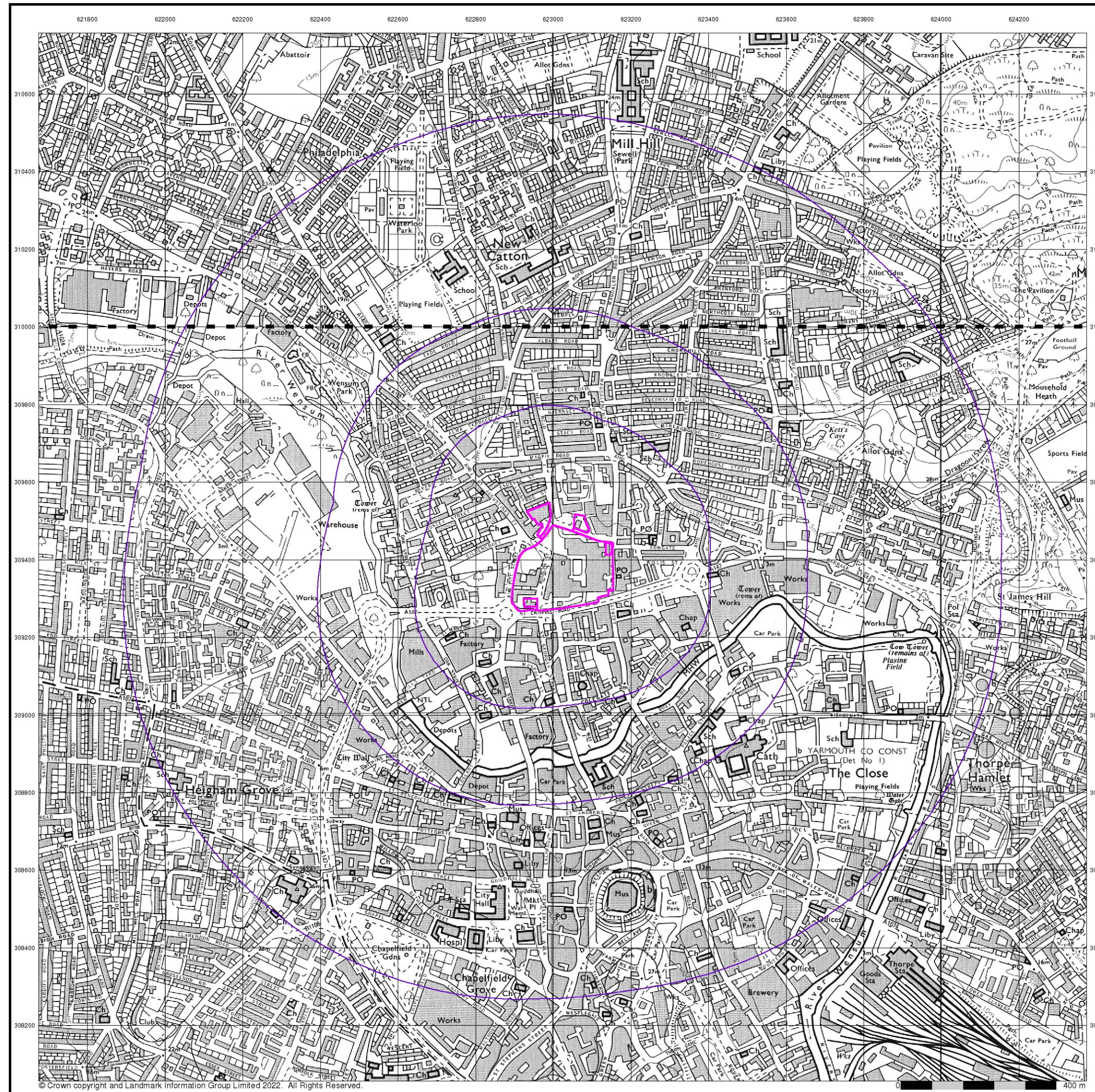


Order Details

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Site Details

Anglia Square, NORWICH, NR3 1DZ



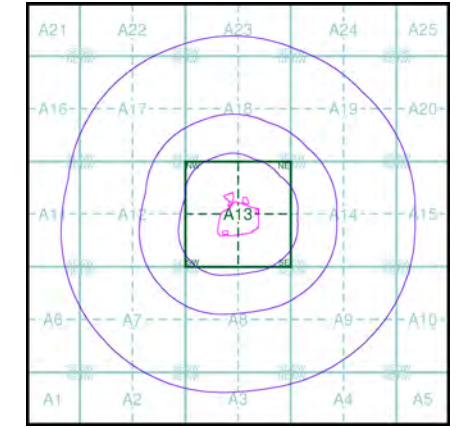
Ordnance Survey Plan Published 1979 Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

TG21SW	1979	1:10,000
TG20NW	1979	1:10,000

Historical Map - Slice A



Order Details

Order Number:	297057661_1_1
Customer Ref:	CON01-NORW-045
National Grid Reference:	623020, 309390
Slice:	A
Site Area (Ha):	4.68
Search Buffer (m):	1000

Site Details

Anglia Square, NORWICH, NR3 1DZ

Norwich

Published 1980

Source map scale - 1:10,000

These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.

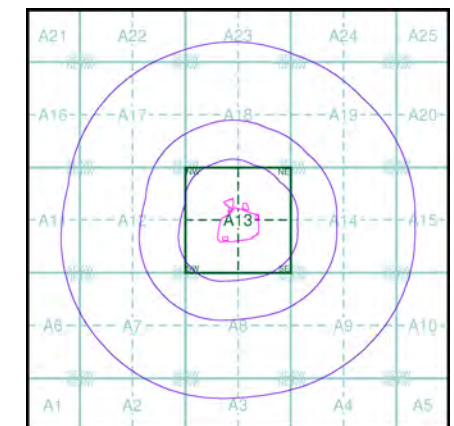
They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)

TG21SW
1980
1:10,000

TG20NW
1980
1:10,000

Russian Map - Slice A



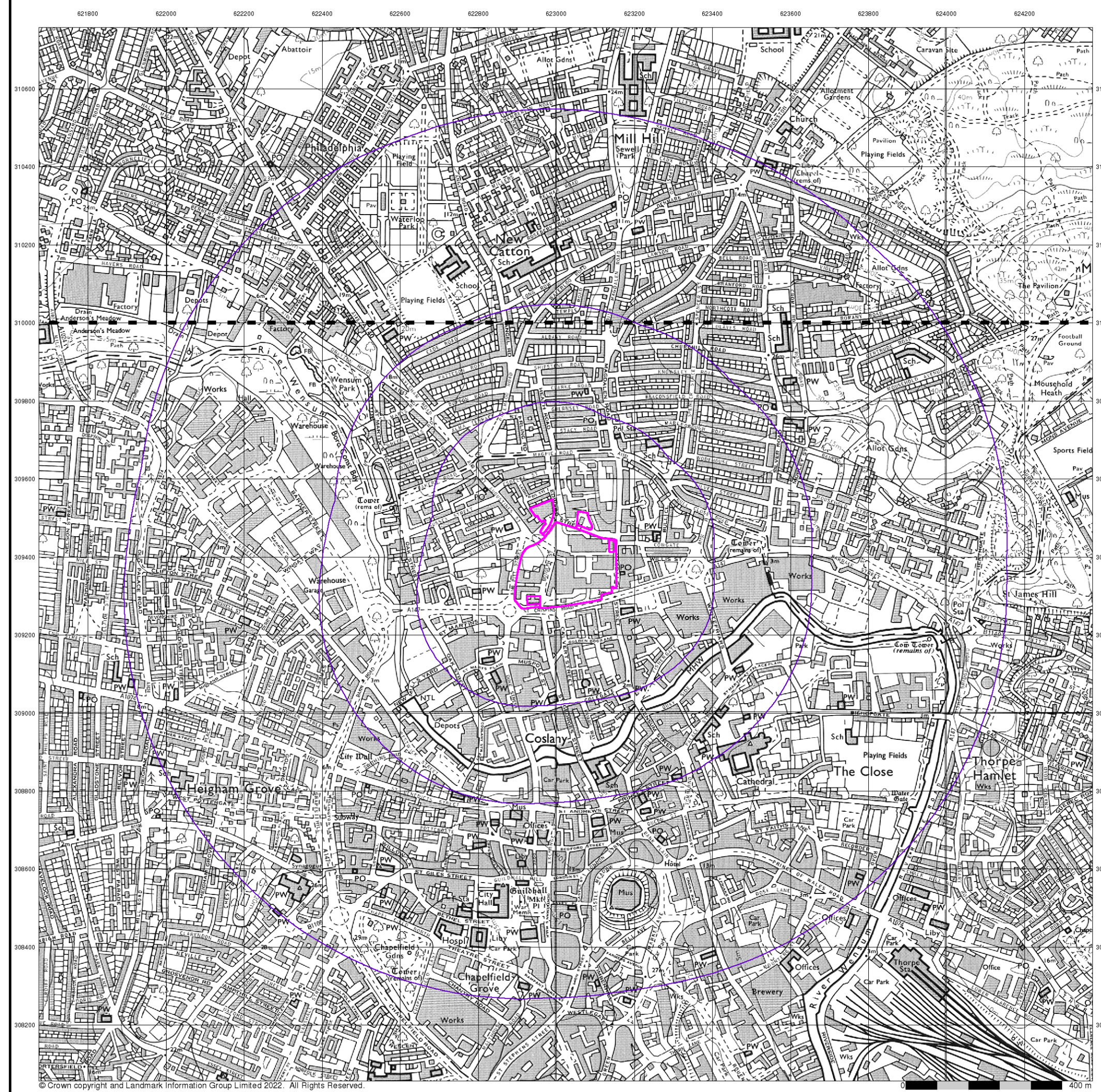
Order Details

Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details

Anglia Square, NORWICH, NR3 1DZ





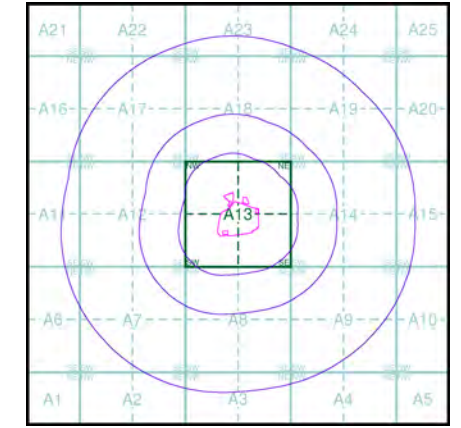
Ordnance Survey Plan Published 1987 - 1989 Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

TG21SW	1987	1:10,000
TG20NW	1989	1:10,000

Historical Map - Slice A



Order Details

Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details

Anglia Square, NORWICH, NR3 1DZ

10k Raster Mapping

Published 2000

Source map scale - 1:10,000

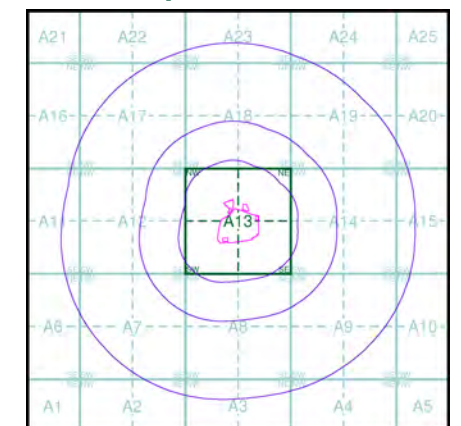
The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

TG21SW
2000
1:10,000

TG20NW
2000
1:10,000

Historical Map - Slice A

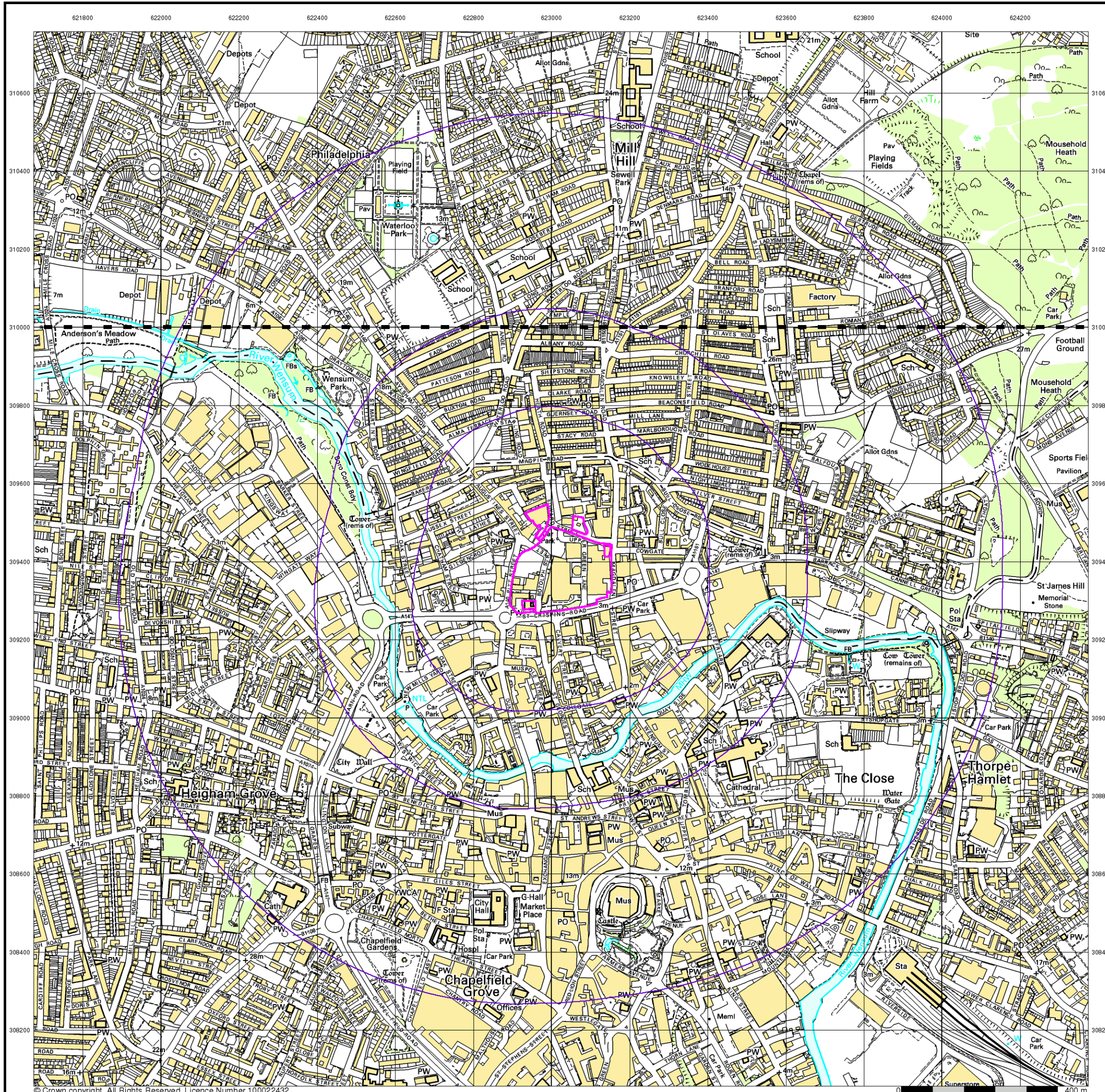


Order Details

Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details

Anglia Square, NORWICH, NR3 1DZ



10k Raster Mapping

Published 2006

Source map scale - 1:10,000

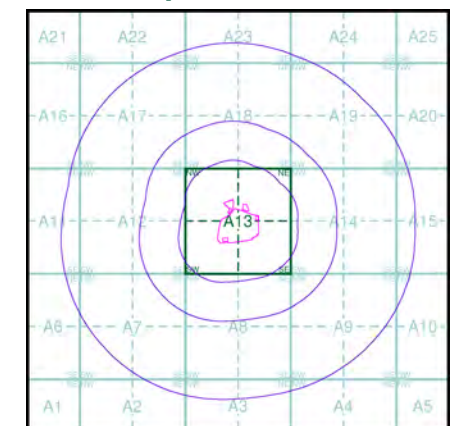
The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)

TG21SW
2006
1:10,000

TG20NW
2006
1:10,000

Historical Map - Slice A

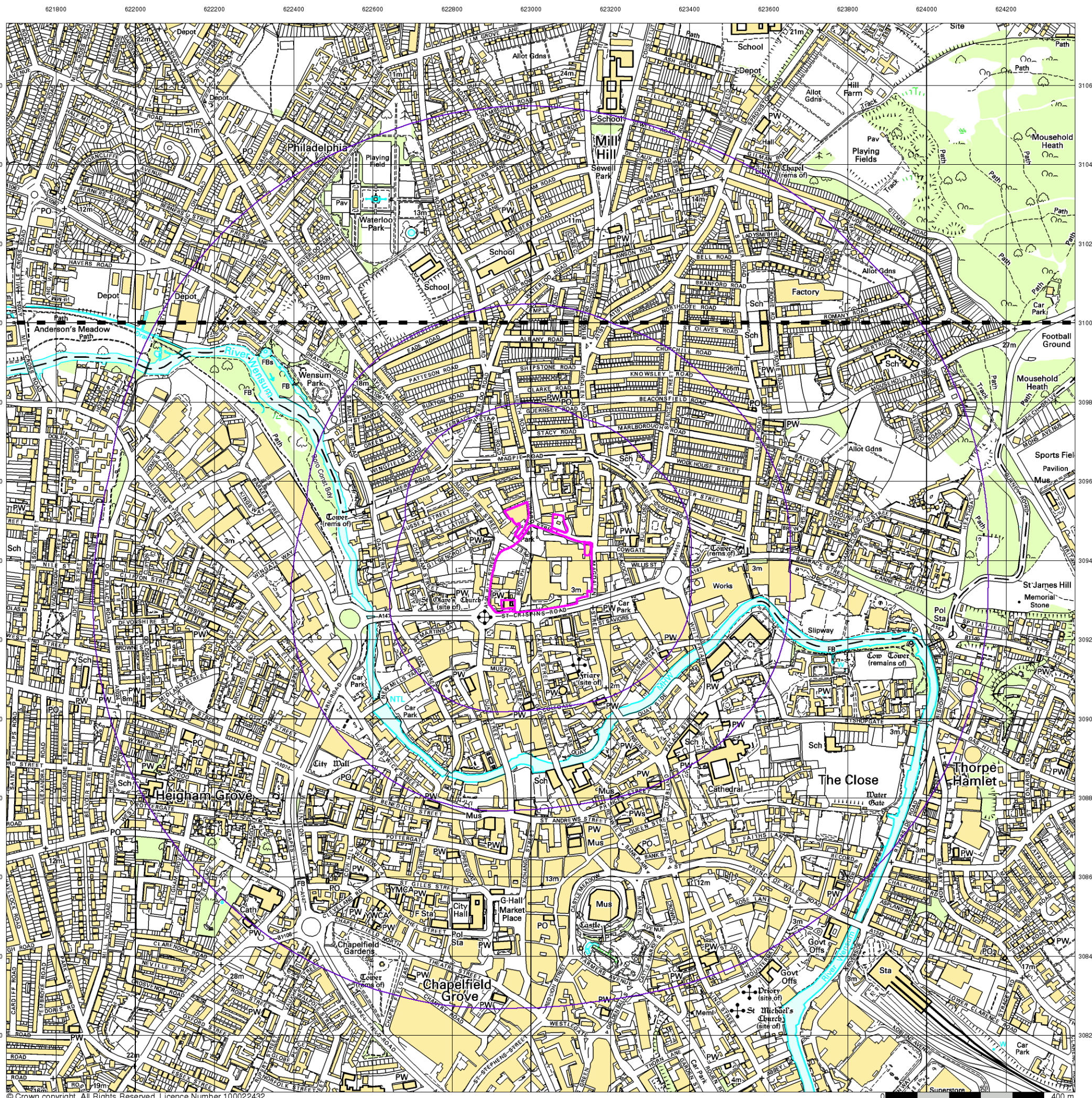


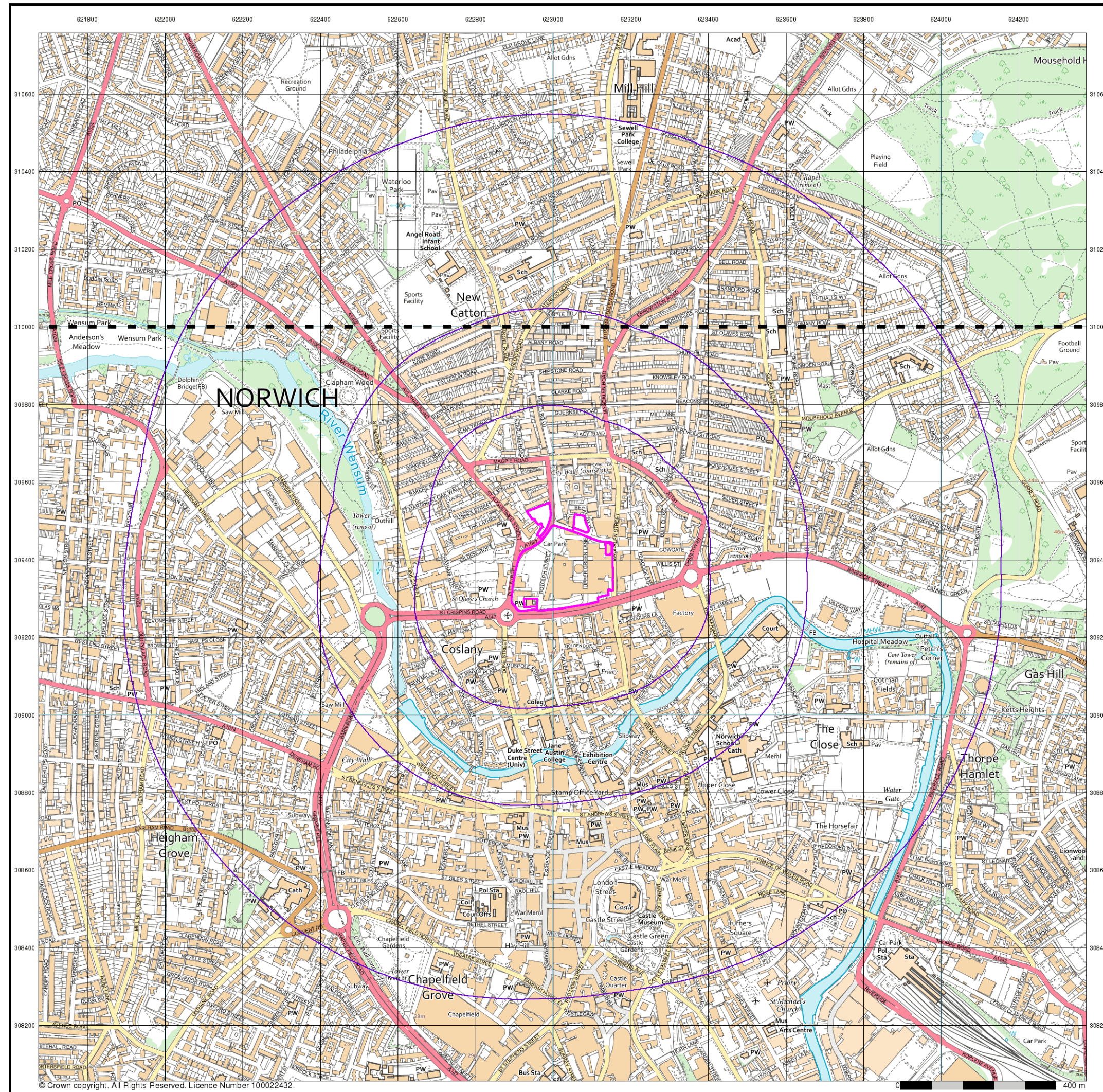
Order Details

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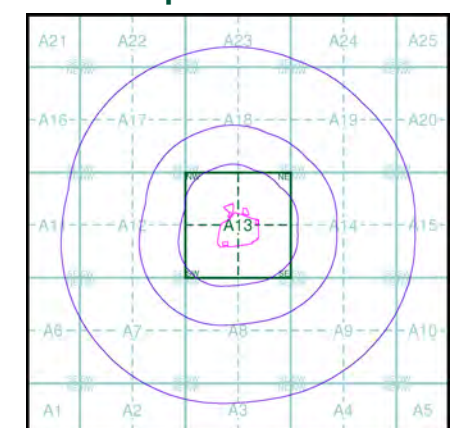
VectorMap Local
Published 2021
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)

- | TG21SW | 2021 | Variable
- | TG20NW | 2021 | Variable

Historical Map - Slice A



Order Details

Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details

Anglia Square, NORWICH, NR3 1DZ

D. ENVIROCHECK DATA – INSURANCE MAPS

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CHAS. E. GOAD, LTD
CIVIL ENGINEERS

EXPLANATION OF SIGNS USED ON INSURANCE PLANS OF TOWNS & CITIES

56 CROUCH HILL
LONDON N.A.

ABBREVIATIONS

- ASB. ASBESTOS
- CORR. CORRUGATED IRON
- D.I.D. DOUBLE IRON DOORS
- DPA. DRAPERY
- D. DWELLING
- ELECT. ELECTRICIAN
- (E.M.) ELECTRIC MOTORS
- (ENG.) STEAM ENGINE
- FURNE. FURNITURE
- GAR. GARAGE
- (G.E.) GAS ENGINE
- H.W. HARDWARE
- I.COLS. IRON COLUMNS OR STEEL STANCHIONS
- JWLY. JEWELLERY
- M.CL. METAL CLAD
- M.W. MANCHESTER WAREHOUSE
- M.L. MATCH (OR WOOD) LINED
- OIL. OIL & COLOR
- (O.E.) OIL ENGINE
- P.H. PUBLIC HOUSE
- S. SHOP
- S.I.D. SINGLE IRON DOORS
- S.I.S. SINGLE IRON SHUTTERS
- TAI. TAILORS
- TENS. TENEMENTS
- W.G. WIRED GLASS
- W.N. WIRE NETTING OVER GLASS

COLORS

- BRICK, STONE, OR CONCRETE
- WOOD
- AREAS CLEARED DUE TO ENEMY ACTION
- SKYLIGHTS ON 1 & 2 STORY BUILDINGS
- SKYLIGHTS ON HIGHER BUILDINGS
- METAL BUILDINGS
- TIMBER PILED OR STACKED

WALLS

- PARTY WALL 2 STORIES OR OVER, A PROBABLE FIRE CUT OFF
- ENTIRE WALL, BUT DOUBTFUL AS FIRE CUT OFF
- DEFECTIVE WALL - IMPERFECT
- WALL ABOVE, IRON COLS. UNDER
- WALL SOME FLOORS ONLY (OR WOOD OR PLASTER PARTITION)
- ABOVE ROOF 6' TO 1'.6"
- D — 1'.6" TO 2'.6"
- MATCH OR WOOD LINED
- WOOD CLAD WITH CORRUGATED IRON

OPENINGS

- PASSAGE UNDER
- ON ALL FLOORS
- SOME FLOORS ONLY
- ALL FLOORS (PROTECTED)
- ALL FLOORS (SOME PROTECTED)
- SOME FLOORS ONLY (PROTECTED)
- ALL FLOORS (SOME PROTECTED)
- ALL FLOORS (PROTECTED)
- SOME FLOORS ONLY (PROTECTED)
- WOOD LOADING DOOR
- IRON LOADING DOOR

WINDOWS

- ON ALL OR MOST FLOORS
- MORE THAN USUAL
- OVERLOOKING
- NEARLY ALL GLASS
- OPENINGS THRO' & WINDOWS OVER
- ON SOME FLOORS ONLY
- PROTECTED BY WIRED GLASS
- PROTECTED BY SINGLE IRON SHUTTERS
- PROTECTED BY DOUBLE IRON SHUTTERS
- WINDOWS IN FRONT & REAR OF BUILDINGS UNDERSTOOD
- UNLESS OTHERWISE SHOWN

FLOORS

- 1, 2, 3, 3½ &c ON BUILDINGS ARE NUMBER OF STORIES ABOVE GROUND (3½ = 3 FLOORS & ATTIC)
- 2 & 2B MEANS 2 STORIES & 2 BASEMENTS BAST & SUB-BASEMENT.

SKYLIGHTS

- A LESS THAN 50 SQUARE FEET (SAY 10'x5' OR 7'x7')
- B OPENINGS THROUGH 2 FLOORS UNDER (EACH STROKE DENOTES AN OPENING.)
- WITH WELL HOLE THROUGH 3 FLOORS.
- LANT. LANTERN LIGHT, SIDES ONLY GLASS.
- OR VENT. OR RAISED VENTILATOR
- OVER 50 SQ. FT. TO SCALE

HOISTS & LIFTS

- H. OPEN
- H. OPEN TO STREET
- H. OPEN (WOOD FLAPS TO FLOORS)
- H. ENCLOSED BRICK OR FIRE RESISTING
- H. ENCLOSED WOOD OR PLASTER
- H. WIRED GLASS DOORS
- IRON DOORS SHOWN AS EXPLAINED UNDER "OPENINGS"

ROOFS

- ASB. ASBESTOS
- C. CONCRETE
- CORR. CORRUGATED IRON
- T. METAL
- P. PATENT (FELT &c)
- O. SLATE
- T. TILE
- PROFILES
- WITH NORTH LIGHTS

SUNDRIES

- STEAM BOILERS
- BOILER SET IN BRICK
- FACTORY CHIMNEYS
- STEAM ENGINE
- OVERHANGING WOOD CORNICE
- FIRE ALARM BOX
- ON KEY PLAN
- HYDRANT
- HYDRAULIC HYDRANT
- PRIVATE HYDRANT OR STAND PIPE
- DOUBLE HYDRANT
- SALT WATER HYDRANT
- SPRINKLER OR AUTO ALARM BELL

REFERENCE NUMBERS

- NUMBERS PARALLEL WITH STREET ARE EXISTING STREET N^{OS}
- WHERE TWO SETS OF STREET N^{OS} IN SAME BLOCK COINCIDE, ADDITIONAL ARBITRARY N^{OS} ARE GIVEN TO ONE SET (500 & UPWARDS)
- WHERE BUILDINGS TO WHICH THEY APPLIED ARE DEMOLISHED, STREET & ARBITRARY N^{OS} ARE SHOWN & CROSSED THROUGH ON REVISION
- ARE STREET WIDTHS.
- ARE HEIGHTS OF GROUND ABOVE ORDNANCE DATUM
- HEIGHT IN FEET OF ADJOINING BUILDINGS WHERE STORIES DIFFER IN HEIGHT
- SIZES OF WATER MAINS SUPPLYING HYDRANTS

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ANGLIA SQUARE, NORWICH

CON01-NORW-045

INSURANCE PLANS

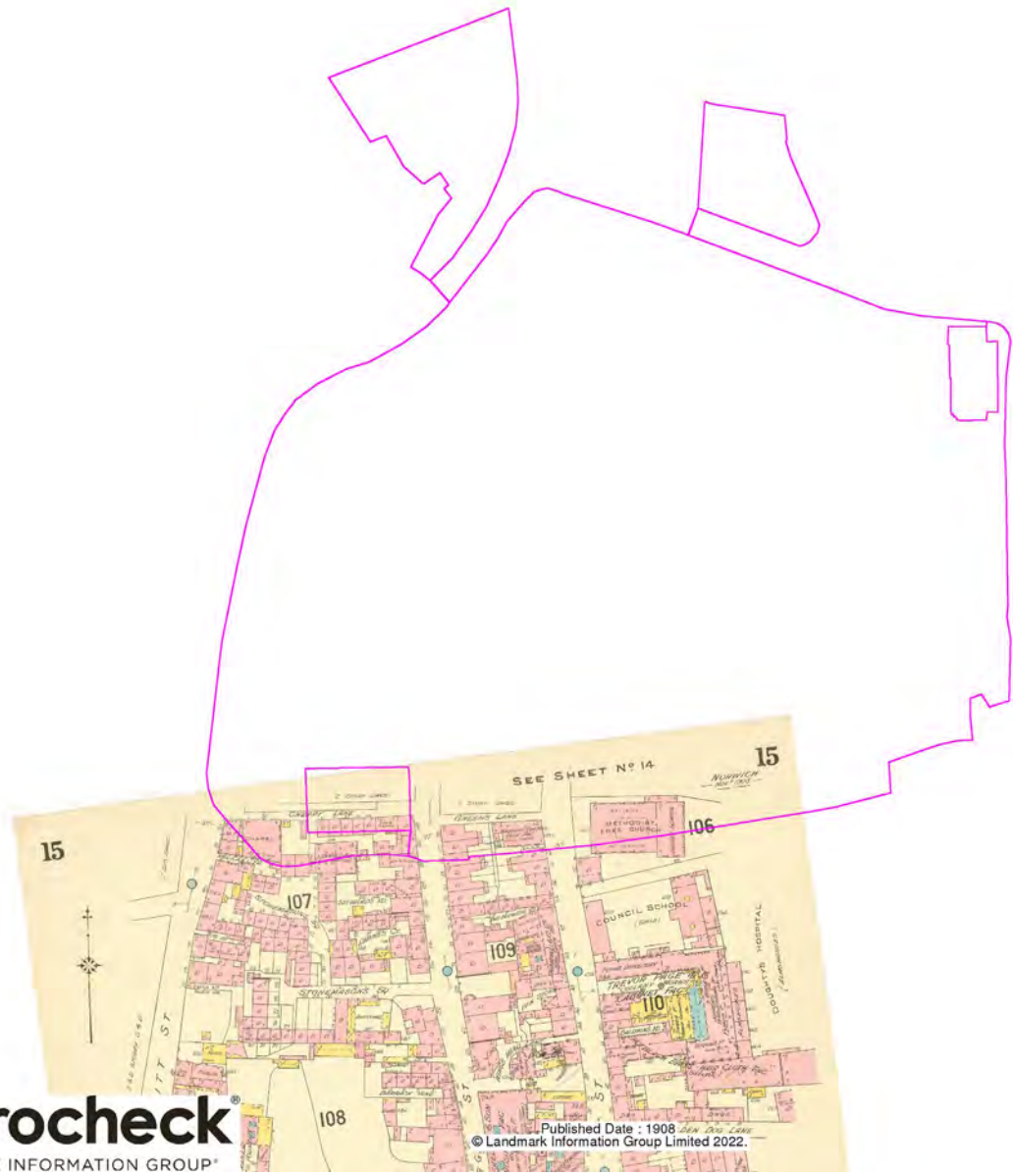
Originator

WGG

Checked & Approved

SP





Envirocheck
 ● LANDMARK INFORMATION GROUP®

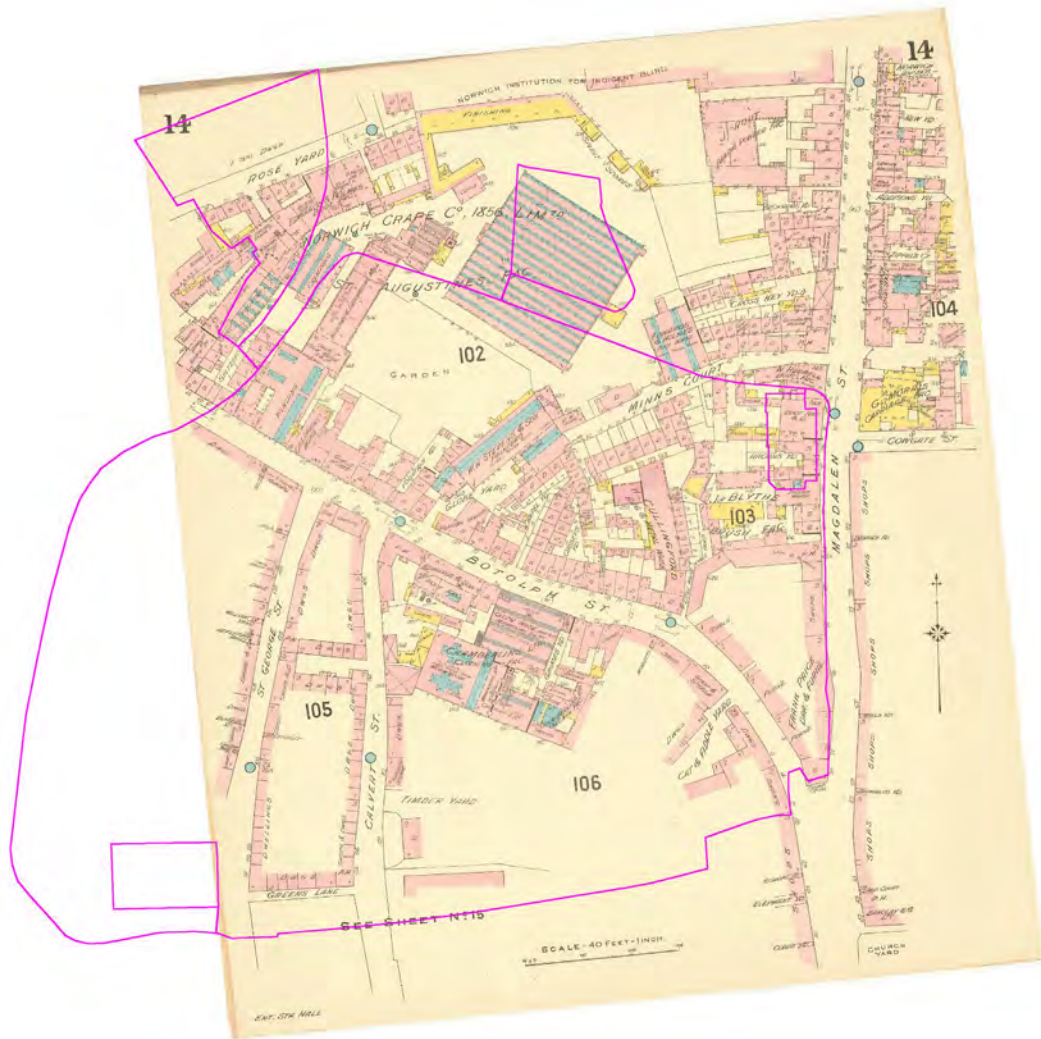
**ANGLIA SQUARE, NORWICH
 CON01-NORW-045**

INSURANCE PLANS



Originator	WGG
Checked & Approved	SP

30/08/2017



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CON01-NORW-045

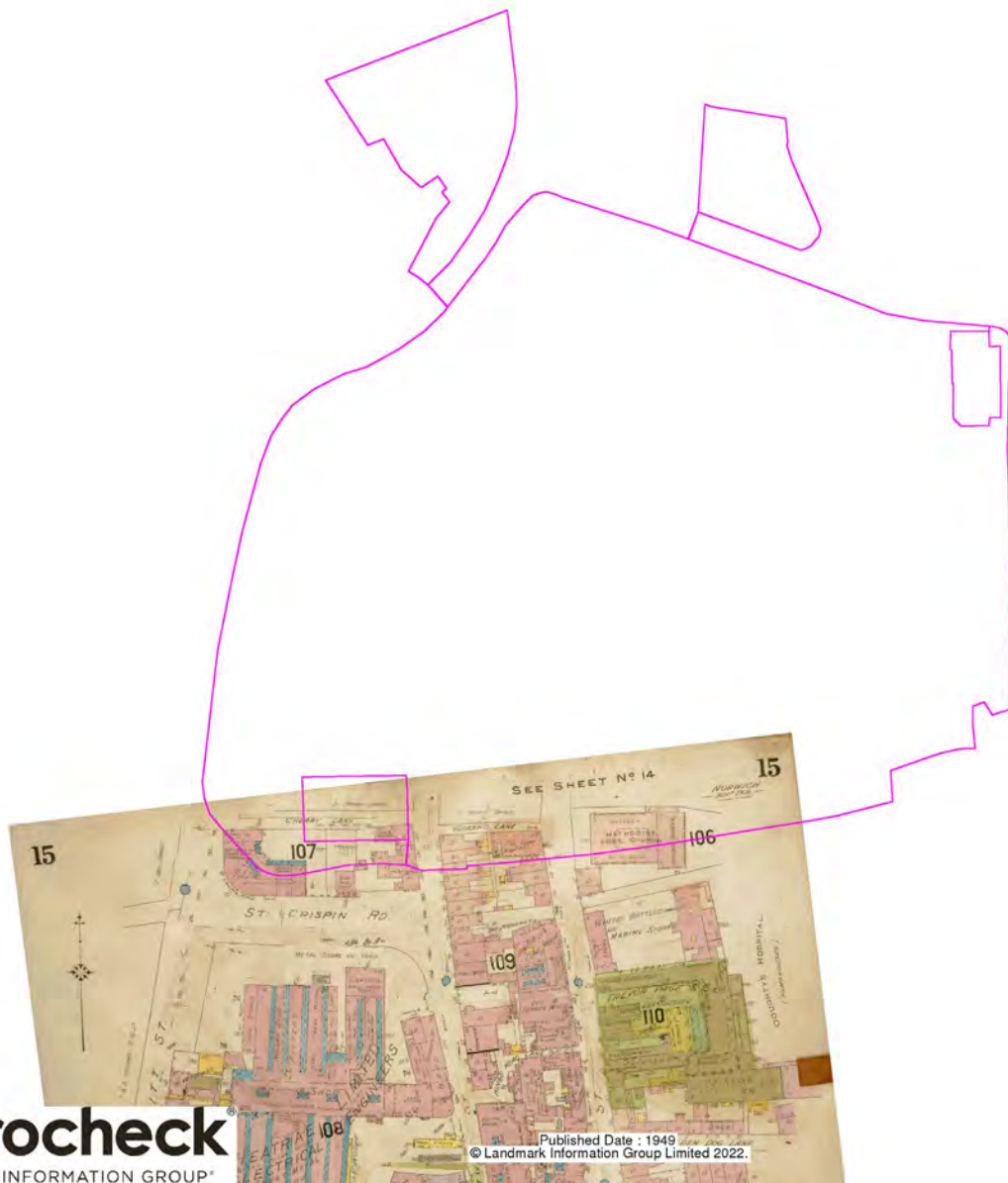
INSURANCE PLANS

Originator WGG

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30/08/2017



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ANGLIA SQUARE, NORWICH
CON01-NORW-045

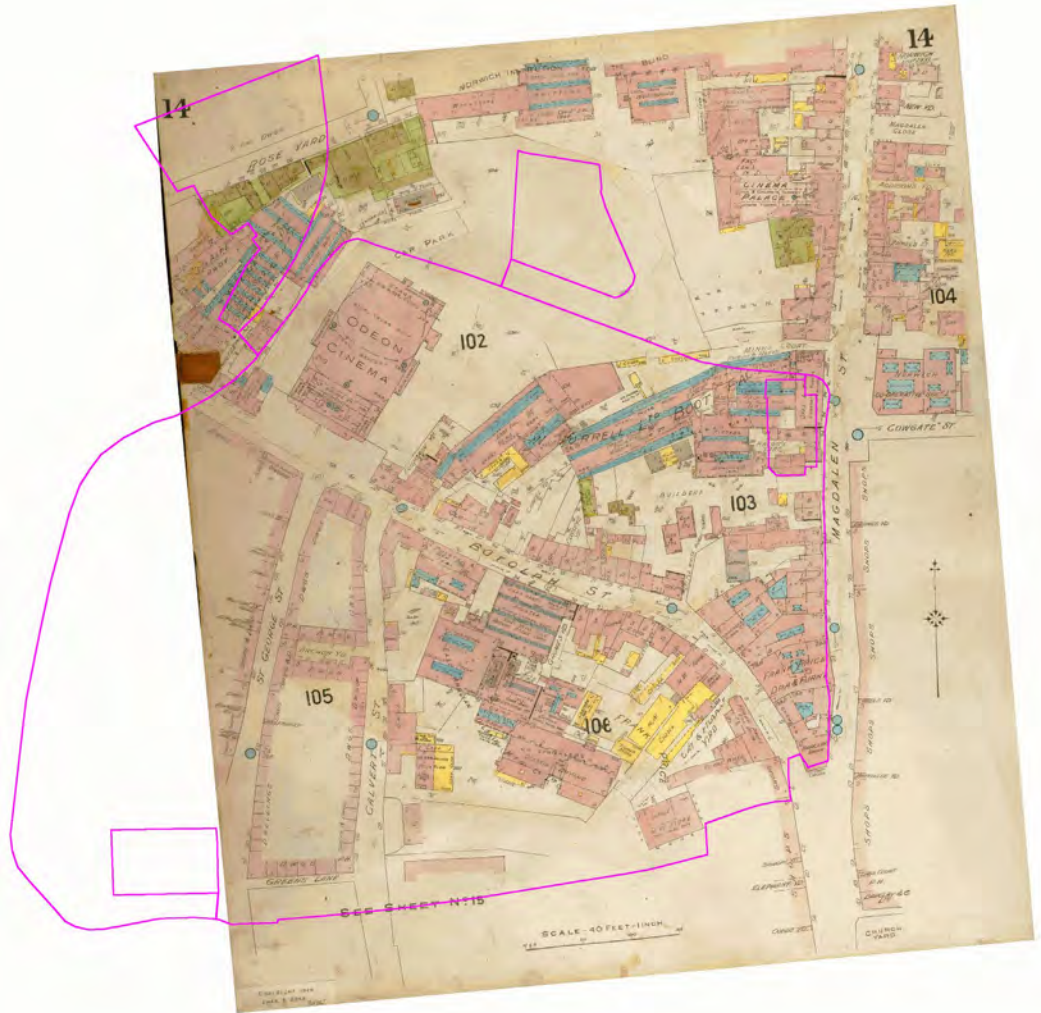
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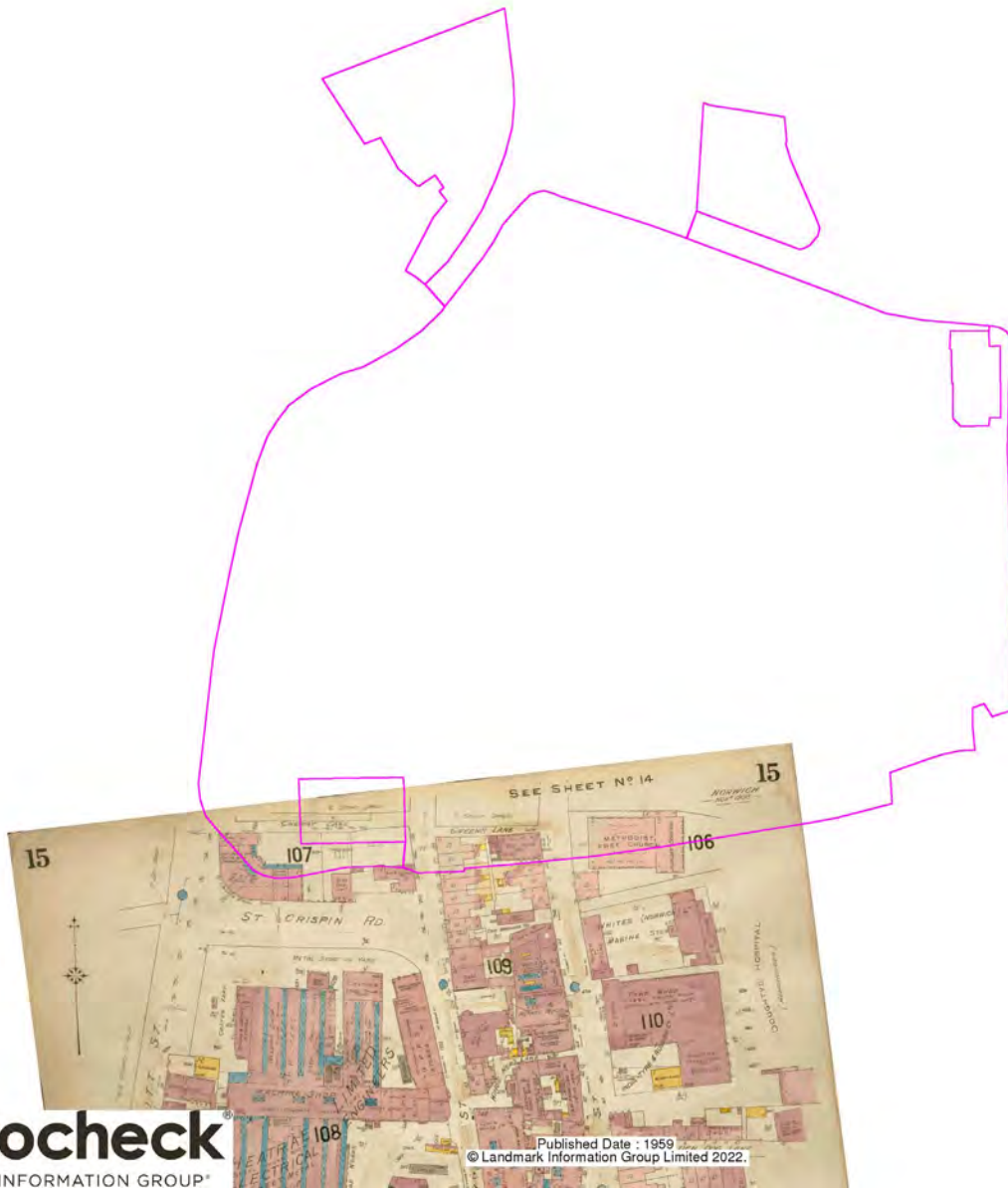
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CON01-NORW-045

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CON01-NORW-045

INSURANCE PLANS



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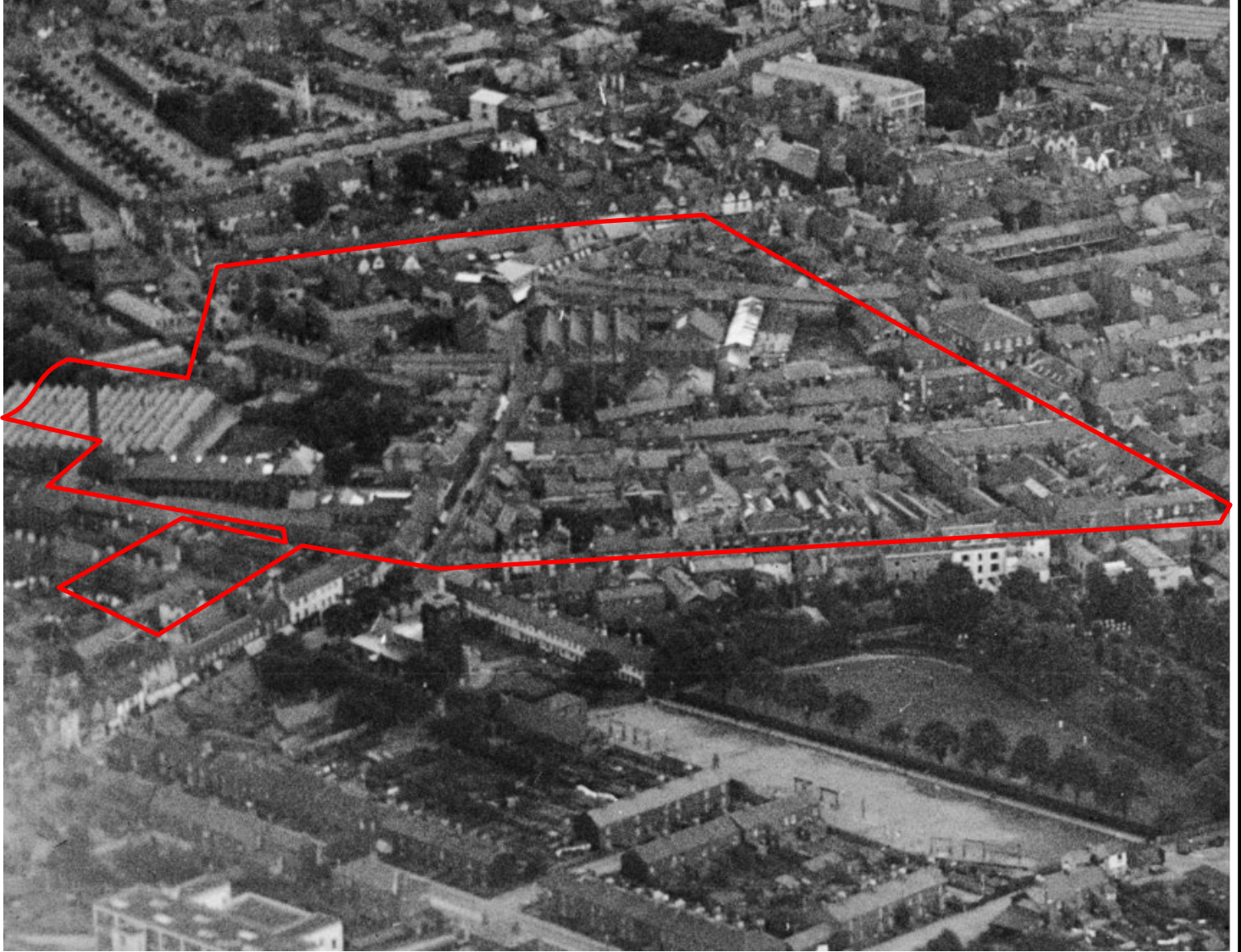
Checked & Approved SP

30/08/2017

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E. HISTORICAL AERIAL PHOTOGRAPHS

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ANGLIA SQUARE, NORWICH
CON01-NORW-045

HISTORICAL PHOTOGRAPH - 1926

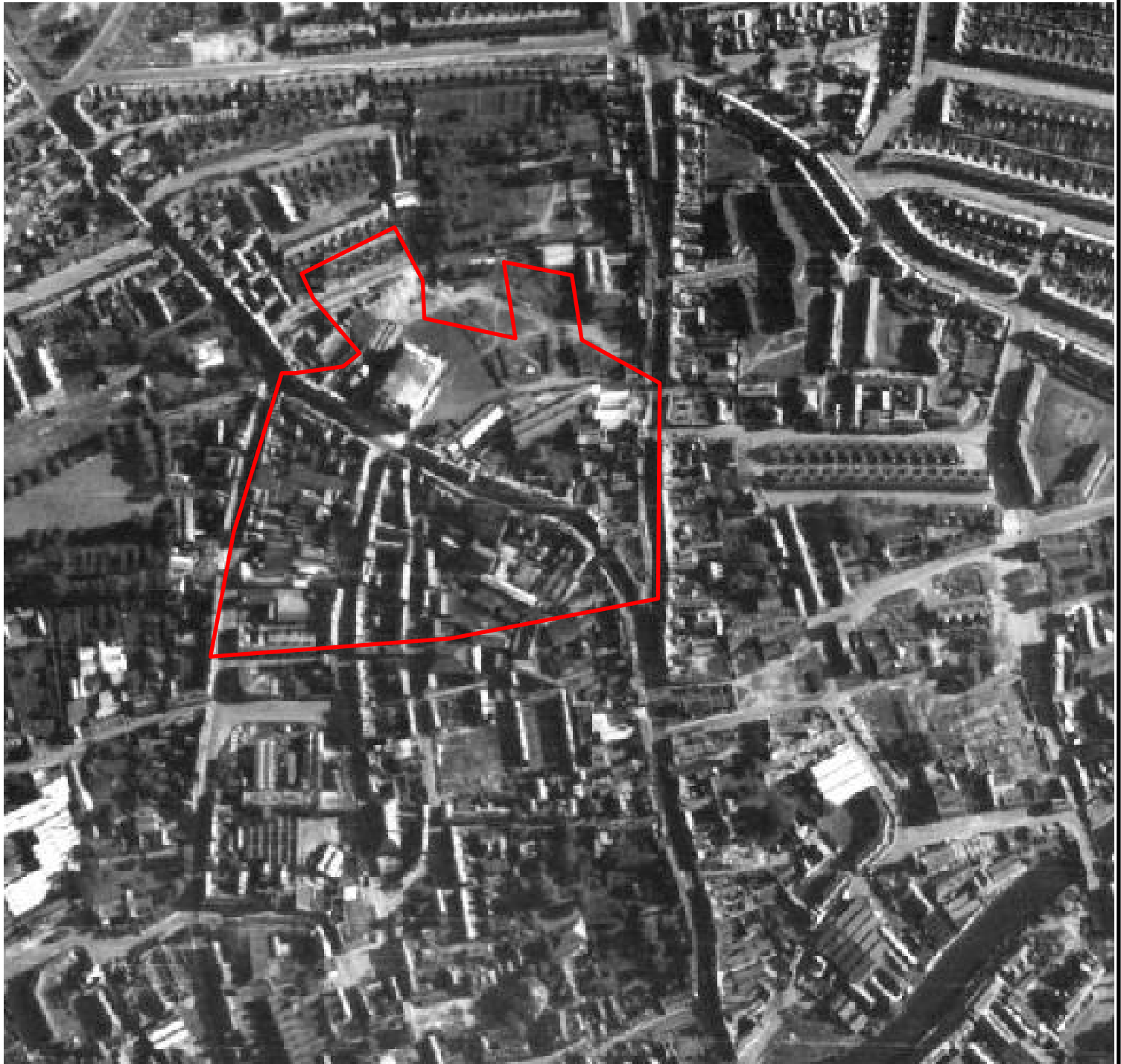
Originator

GB

Checked
&
Approved

WGG





ANGLIA SQUARE, NORWICH
CON01-NORW-045

HISTORICAL PHOTOGRAPH - 1946

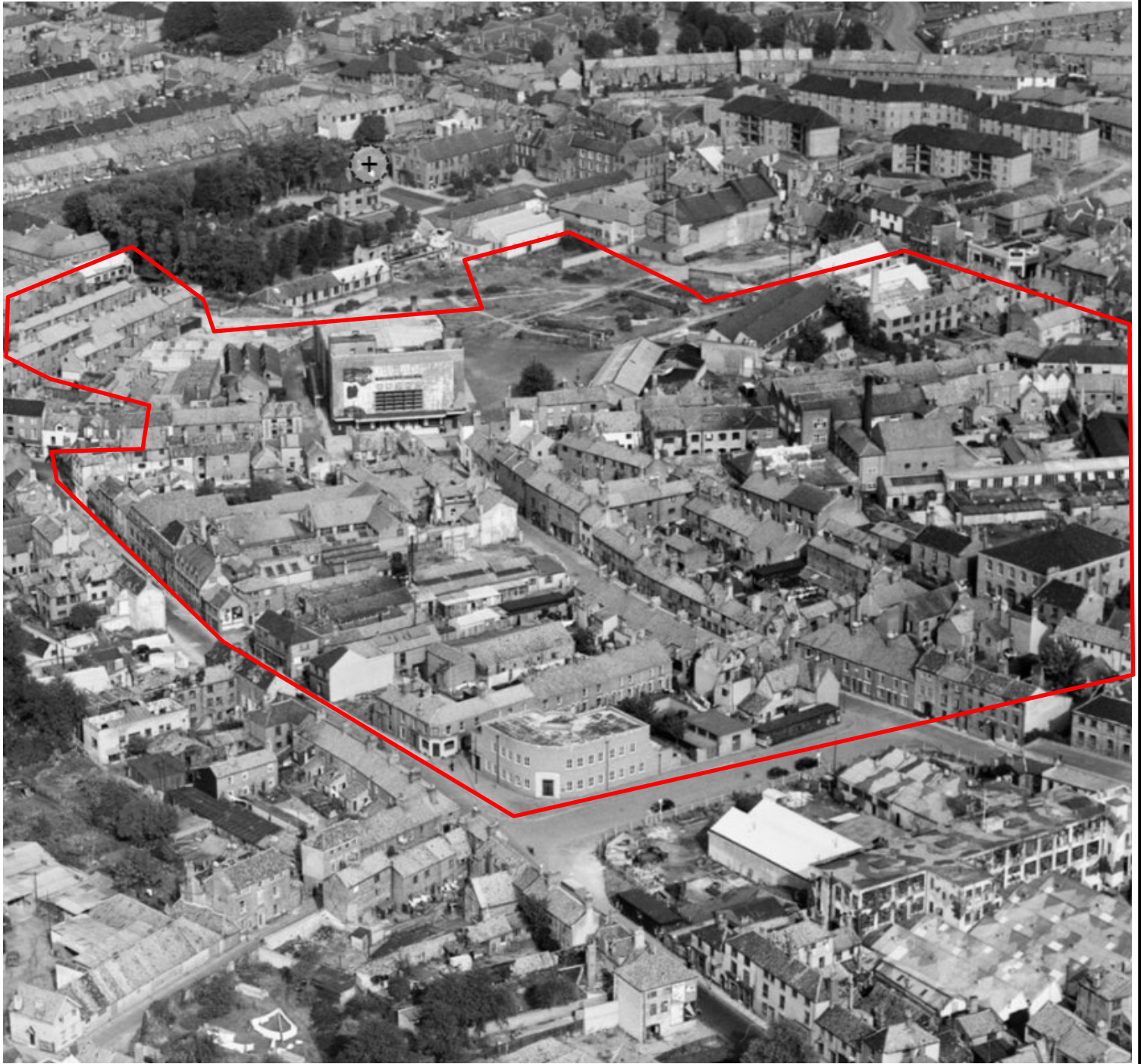
Originator

GB

Checked
&
Approved

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**ANGLIA SQUARE, NORWICH
CON01-NORW-045**

HISTORICAL PHOTOGRAPH - 1946

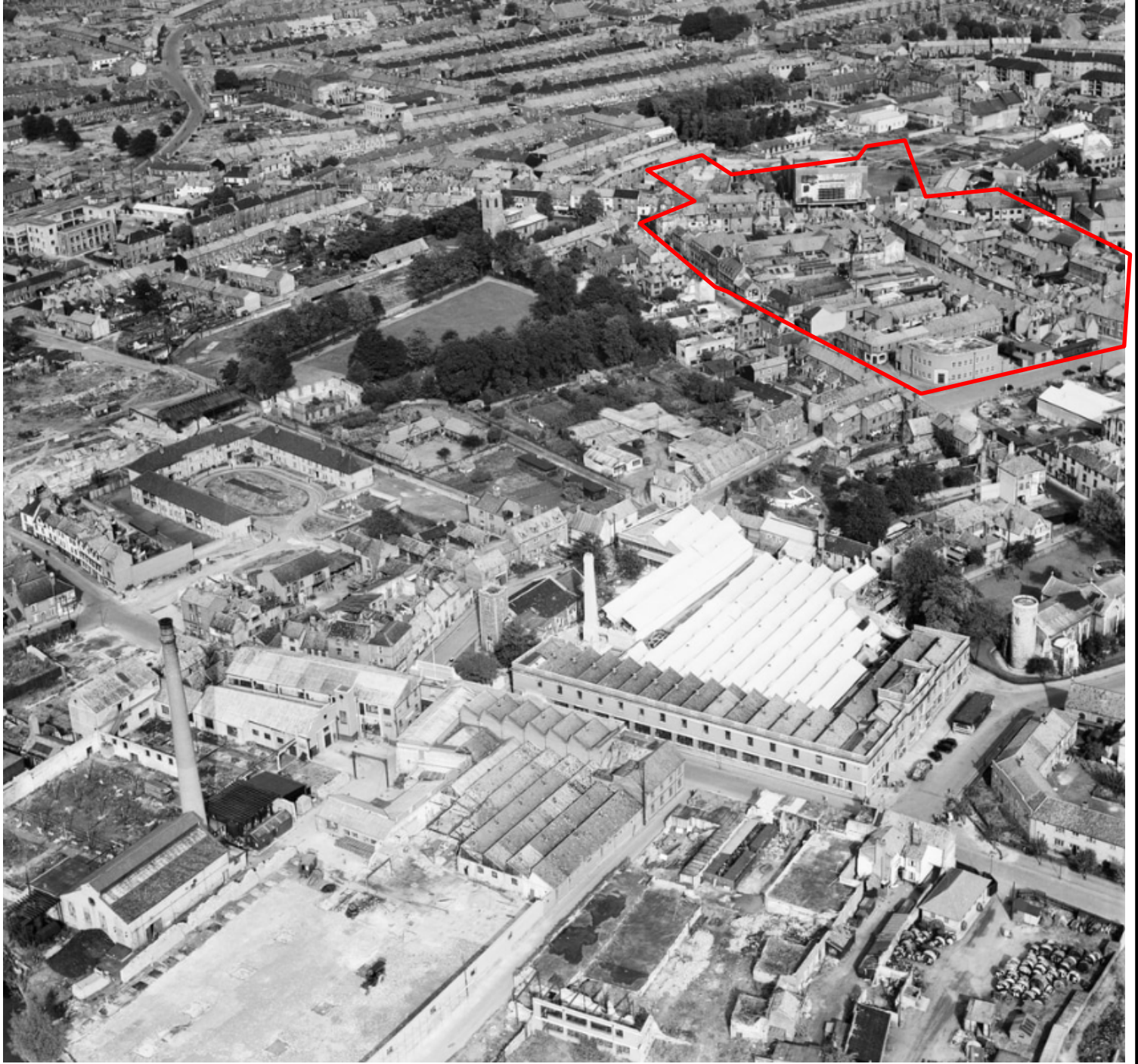
Originator

GB

Checked
&
Approved

WGG





ANGLIA SQUARE, NORWICH
CON01-NORW-045

HISTORICAL PHOTOGRAPH - 1946

Originator

GB

Checked
&
Approved

WGG





ANGLIA SQUARE, NORWICH
CON01-NORW-045

HISTORICAL PHOTOGRAPH - 1988

Originator

GB

Checked
&
Approved

WGG





**ANGLIA SQUARE, NORWICH
CON01-NORW-045**

HISTORICAL PHOTOGRAPH - 2010

Originator

GB

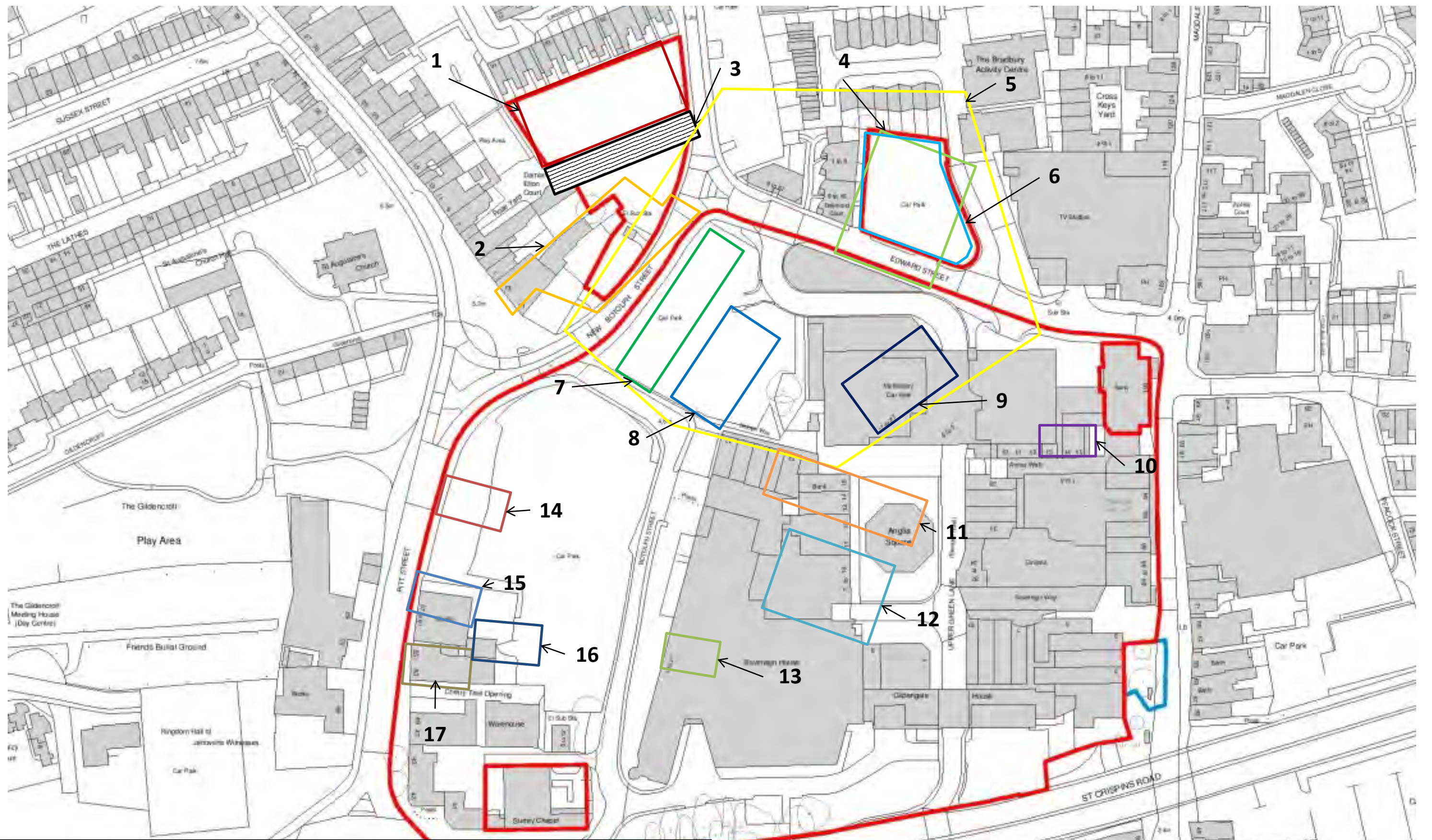
Checked
&
Approved

WGG



F. HISTORICAL USES PLAN

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LEGEND

- | | |
|--|----------------------------------|
| 1. Silk Mill (1928-1938); Engineering Works (1956); Warehouse (1972) | 2. Shoe Factory (1956) |
| 3. Area of Bomb Damage (1948@); Autowrapper Factory (1956) | 4. Boot & Shoe Factory (1928) |
| 5. Outline of Crepe Factory (1886-1907) | 6. Garage/PFS (1974-2006) |
| 7. Winding Mill (1908) | 8. Odeon Cinema (1938-1974) |
| 9. Boot & Shoe Factory (1938-1956) | 10. Brush Factory (1908) |
| 11. Printing Works (1956-1973) | 12. Clothing Factory (1908-1973) |
| 13. Timber Yard (1908) | 14. Shoe Factory (1956-1962) |
| 15. Printing Works (1956-1974) | 16. Dry Cleaners (1956-1974) |
| 17. Engineering Works (1956-1964); Cabinet Works (1974) | |

Originator	GB
Checked & Approved	WGG

ANGLIA SQUARE, NORWICH
CON01-NORW-045

HISTORICAL USES PLAN








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G. ENVIROCHECK DATA – GEOLOGICAL AND GROUND STABILITY DATA



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Geology 1:10,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Pleistocene
	HPLO	Happisburgh Glacigenic Formation And Lowestoft Formation (Undifferentiated)	Sand and Gravel	Anglian - Flandrian
	LOFT	Lowestoft Formation	Diamicton	Anglian - Flandrian
	HPTI	Happisburgh Till Member	Diamicton	Pleistocene - Pragian
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Quaternary - Ryazanian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CRAG	Crag Group	Sand and Gravel	Pleistocene - Pliocene
	LPCK	Lewes Nodular Chalk Formation, Seaford Chalk Formation, Newhaven Chalk Formation, Culver Chalk Formation and Portsdown Chalk Formation (Undifferentiated)	Chalk	Campanian - Turonian

Geology 1:10,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:10,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around a site. This mapping may be more up to date than previously published paper maps.

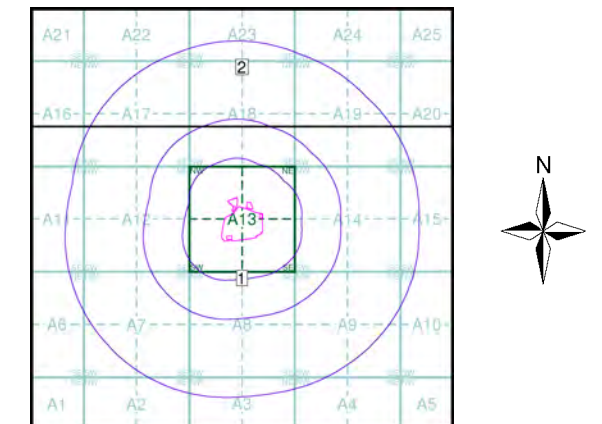
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page.

Please Note: Not all of the layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:10,000 Maps Coverage

Map ID:	1	Map ID:	2
Map Name:	TG20NW	Map Name:	TG21SW
Map Date:	1976	Map Date:	1976
Bedrock Geology:	Available	Bedrock Geology:	Available
Superficial Geology:	Available	Superficial Geology:	Available
Artificial Geology:	Available	Artificial Geology:	Available
Faults:	Not Available	Faults:	Not Available
Landslip:	Not Available	Landslip:	Not Available
Rock Segments:	Not Available	Rock Segments:	Not Available

Geology 1:10,000 Maps - Slice A



Order Details

Order Number:	297057661_1_1
Customer Ref:	CON01-NORW-045
National Grid Reference:	623020, 309390
Slice:	A
Site Area (Ha):	4.68
Search Buffer (m):	1000

Site Details

Anglia Square, NORWICH, NR3 1DZ

Artificial Ground and Landslip

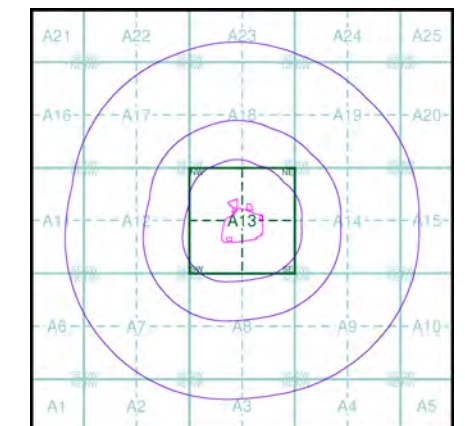
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- In-filled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes founded strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A

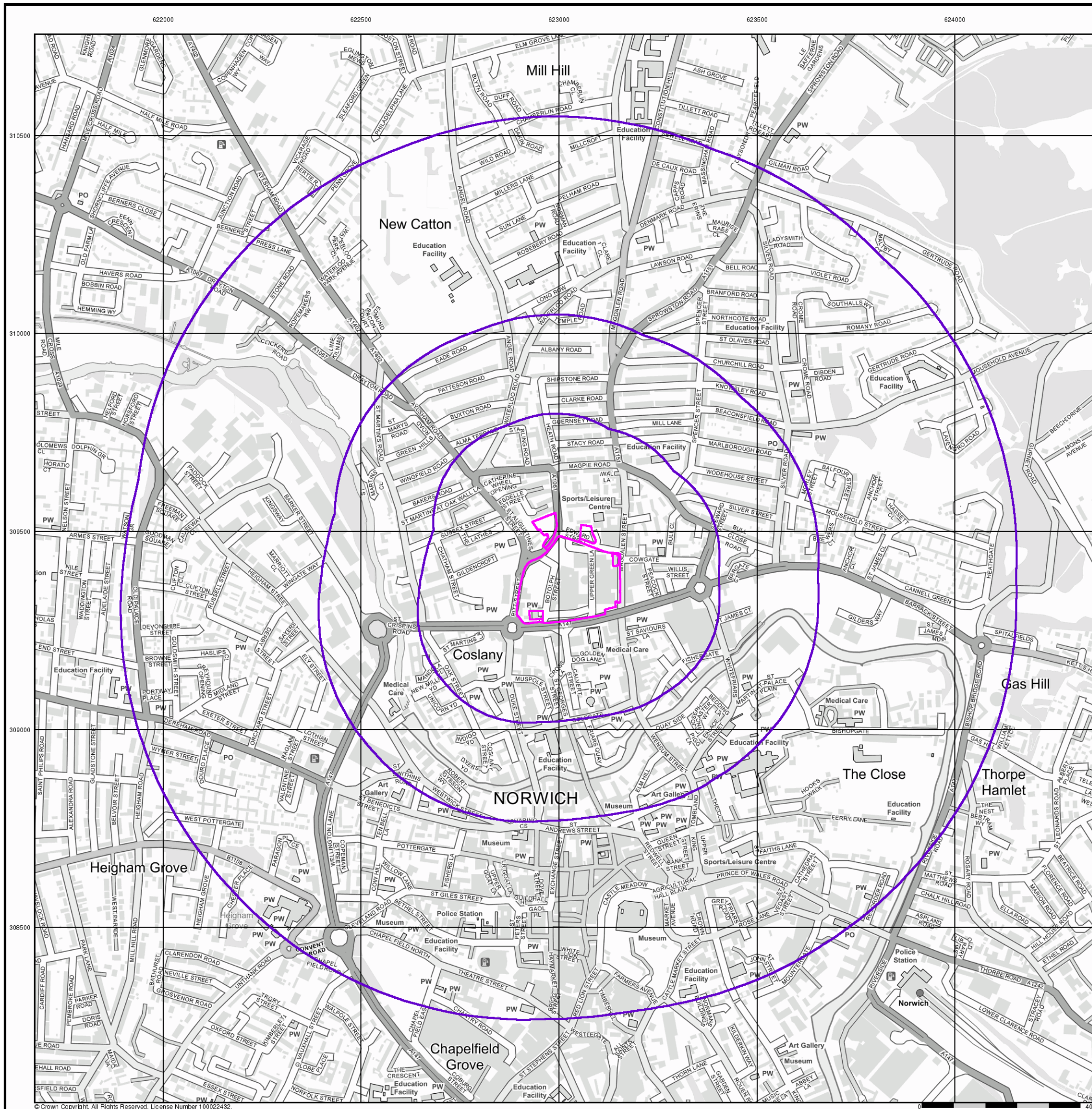


Order Details

Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details

Anglia Square, NORWICH, NR3 1DZ



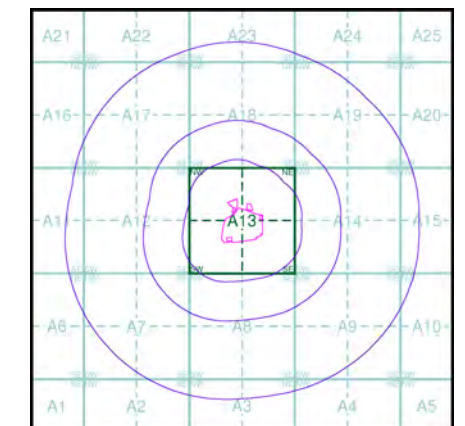
Superficial Geology

BGS 1:10,000 Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



Order Details

Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details

Anglia Square, NORWICH, NR3 1DZ



622000

622500

623000

623500

624000

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Bedrock and Faults

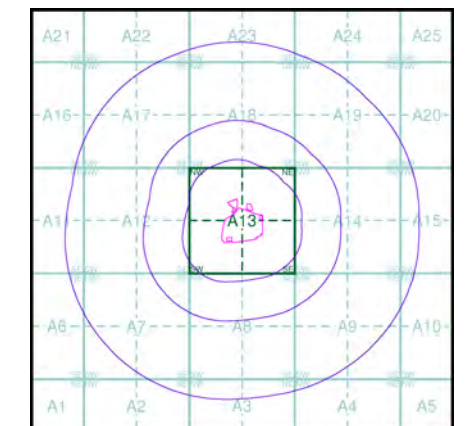
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults and thin beds mapped as lines such as coal seams and mineral veins. These are not restricted by age and could relate to features of any of the 1:10,000 geology datasets.

Bedrock and Faults Map - Slice A



Order Details

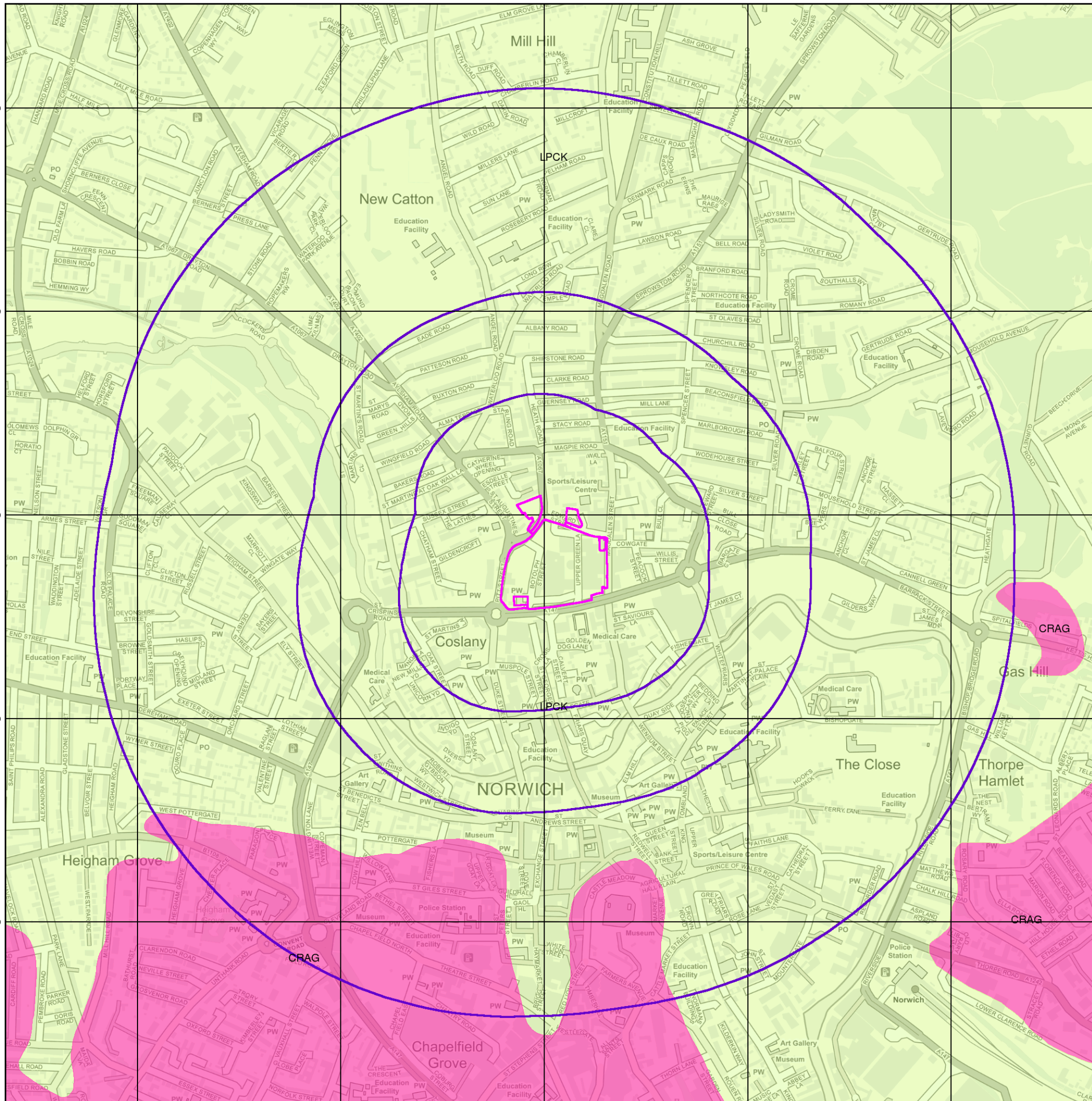
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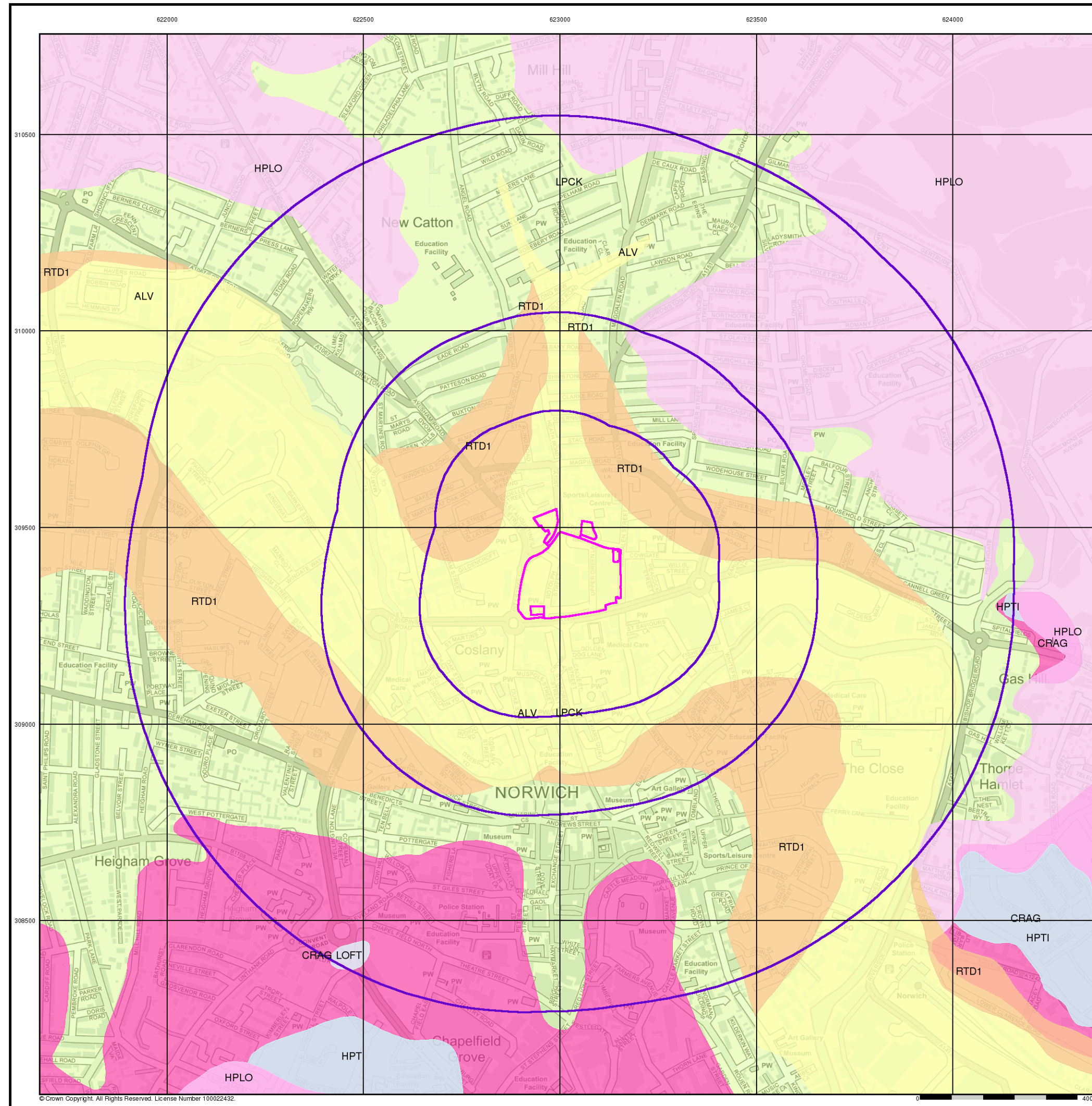
Site Details

Anglia Square, NORWICH, NR3 1DZ

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 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk





Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

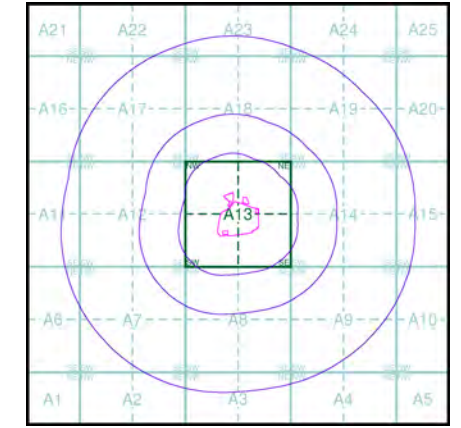
Additional Information

More information on 1:10,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
 Kingsley Dunham Centre
 Keyworth
 Nottingham
 NG12 5GG
 Telephone: 0115 936 3143
 Fax: 0115 936 3276
 email: enquiries@bgs.ac.uk
 website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details






Order Number: 297057661_1_1
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 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details



Anglia Square, NORWICH, NR3 1DZ

Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	SMCL	Sheringham Cliffs Formation	Sand and Gravel	Not Supplied - Pleistocene
	HPGL	Happisburgh Glacigenic Formation	Diamicton	Not Supplied - Pleistocene
	LEHI	Leet Hill Sand And Gravel Member	Sand and Gravel	Not Supplied - Pleistocene
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CRAG	Crag Group	Sand and Gravel	Not Supplied - Pliocene
	LPCK	Lewes Nodular Chalk Formation, Seaford Chalk Formation, Newhaven Chalk Formation, Culver Chalk Formation and Portsdown Chalk Formation (Undifferentiated)	Chalk	Not Supplied - Turonian

Geology 1:50,000 Maps

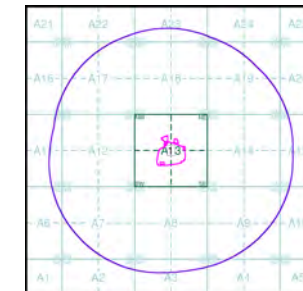
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Geology 1:50,000 Maps Coverage

Map ID: 1
 Map Sheet No: 161
 Map Name: Norwich
 Map Date: 1975
 Bedrock Geology: Available
 Superficial Geology: Available
 Artificial Geology: Available
 Faults: Not Supplied
 Landslip: Not Available
 Rock Segments: Not Supplied

Geology 1:50,000 Maps - Slice A

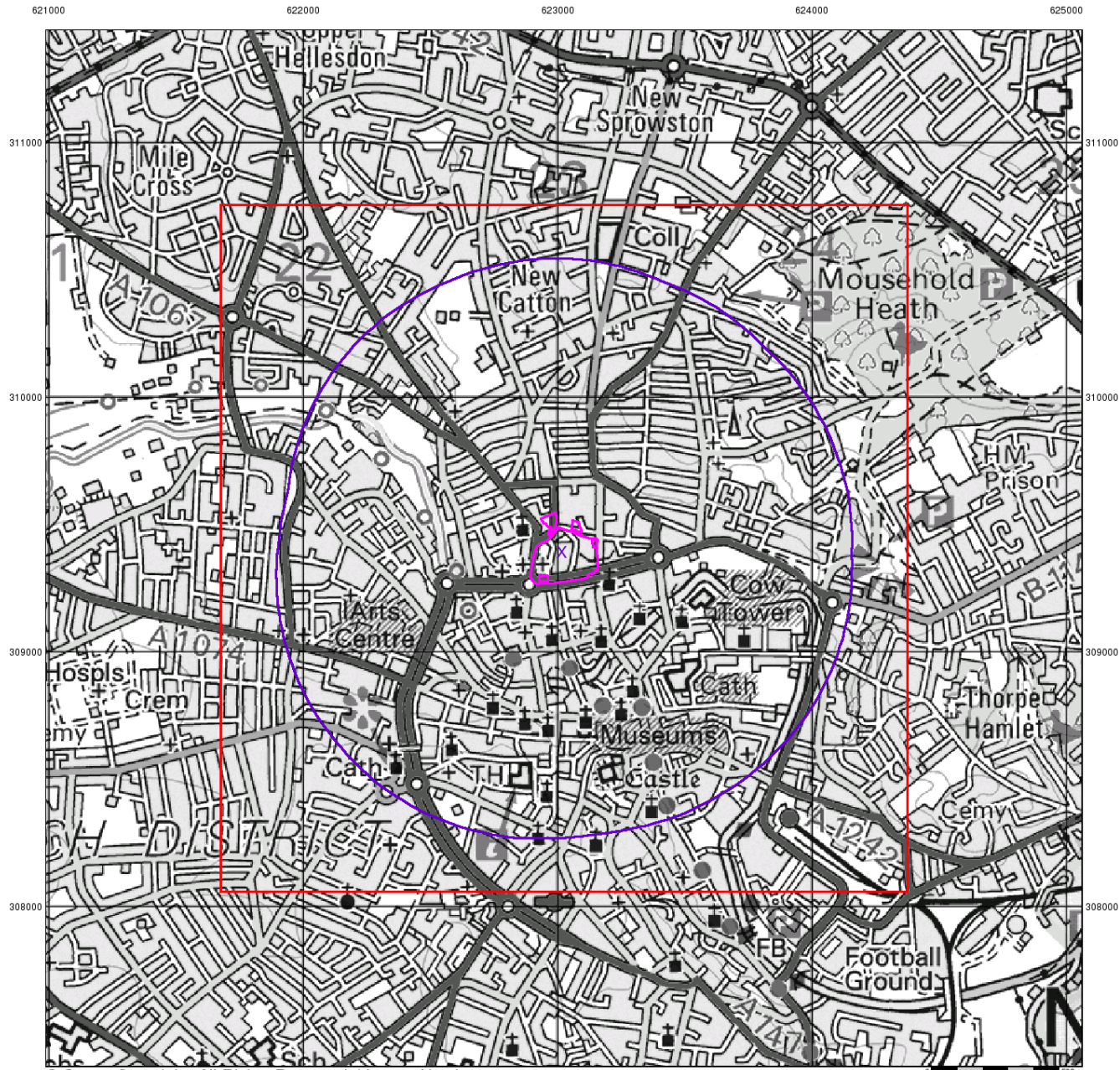


Order Details:

Order Number: 297057661_1_1
 Customer Reference: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details:

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Artificial Ground and Landslip

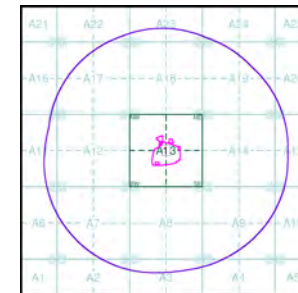
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Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A

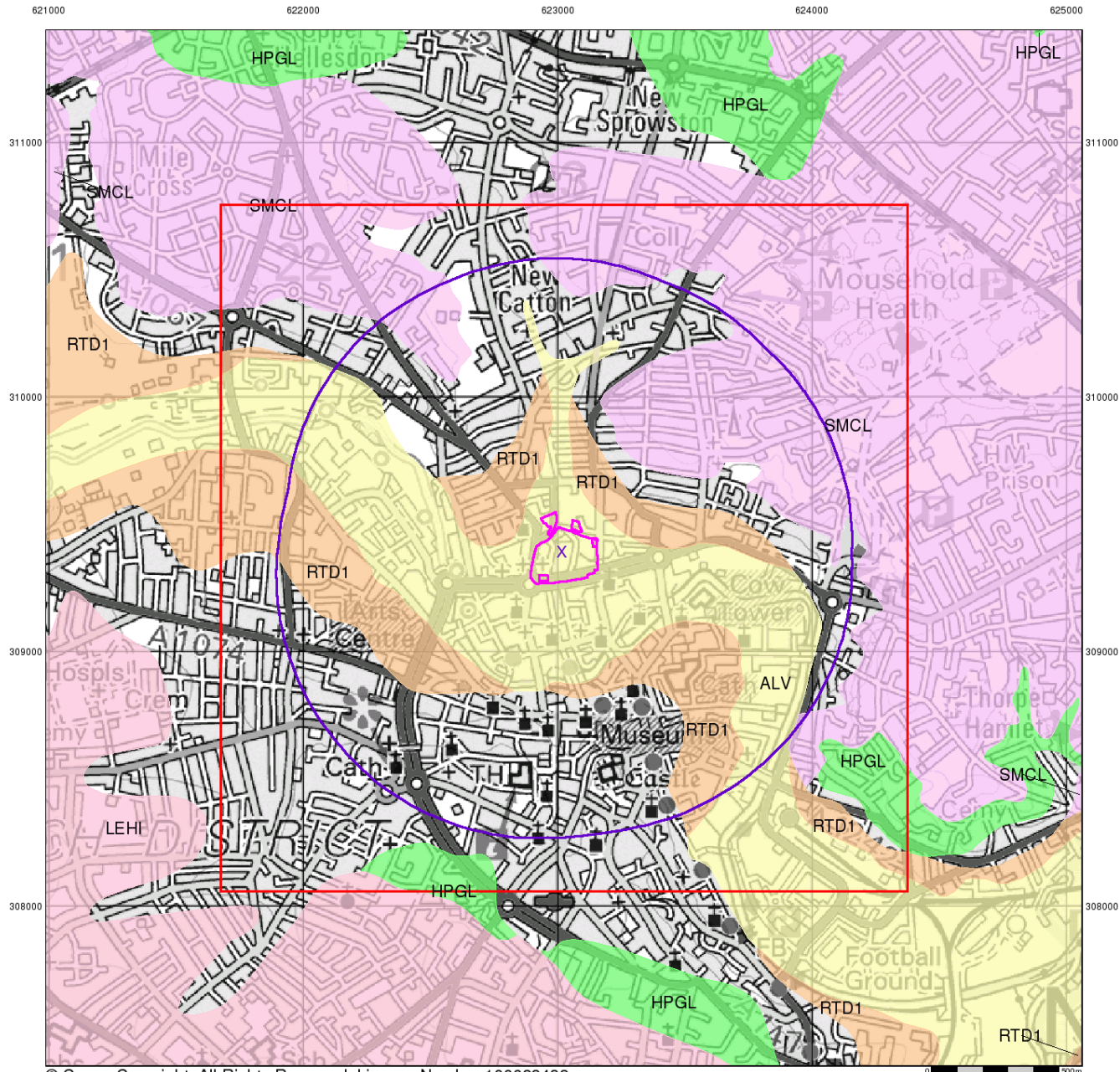


Order Details:

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 Customer Reference: CON01-NORW-045
 National Grid Reference: 623020, 309390
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 Search Buffer (m): 1000

Site Details:

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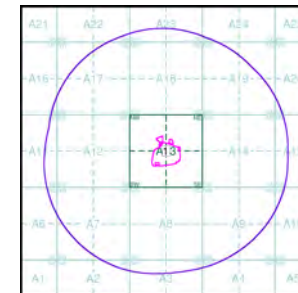
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

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Superficial Geology Map - Slice A

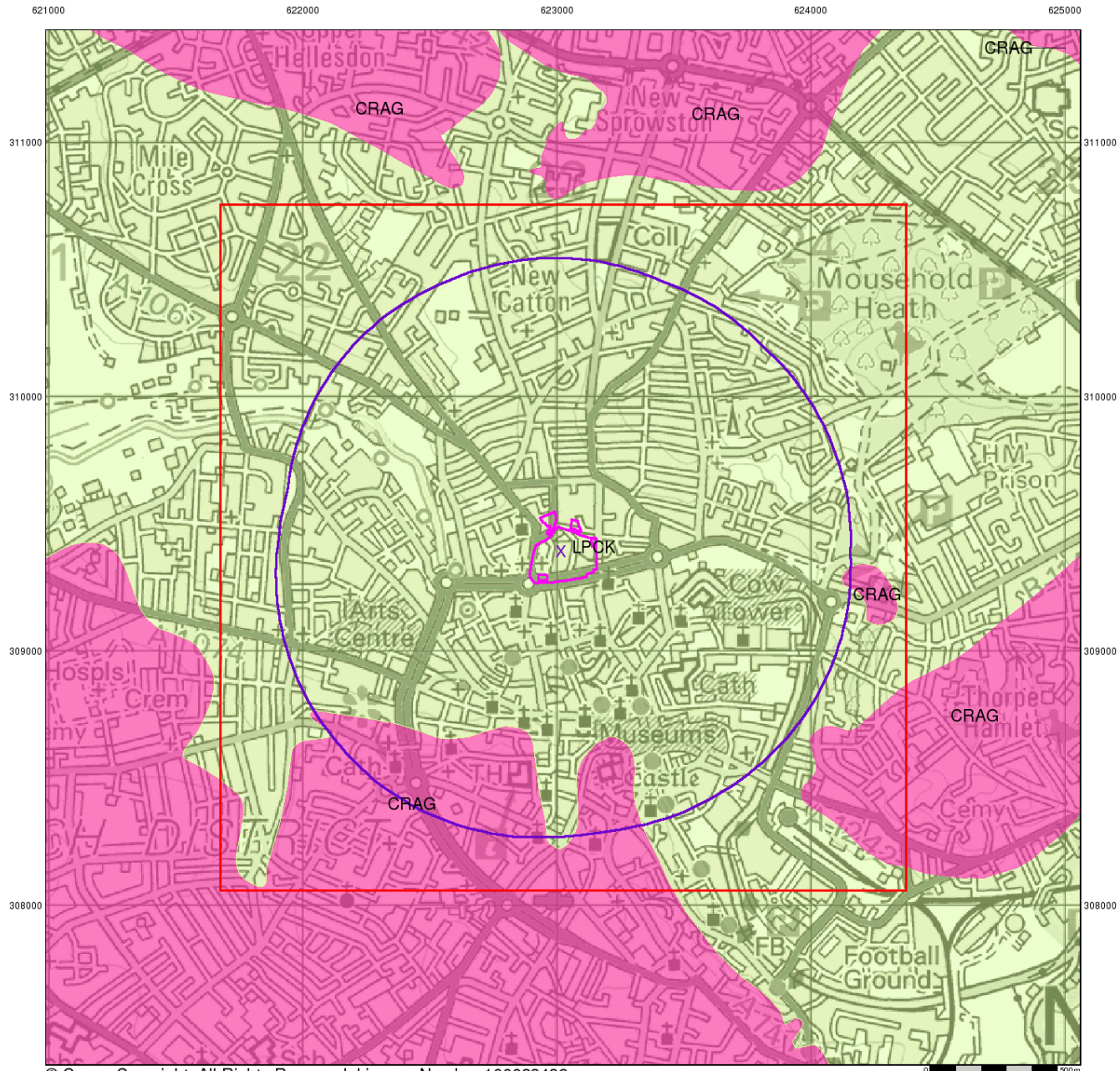


Order Details:

Order Number: 297057661_1_1
 Customer Reference: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details:

Anglia Square, NORWICH, NR3 1DZ



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Bedrock and Faults

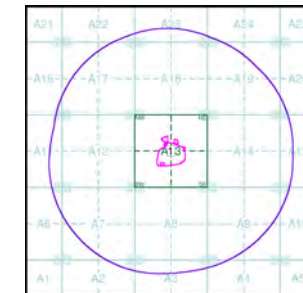
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The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A

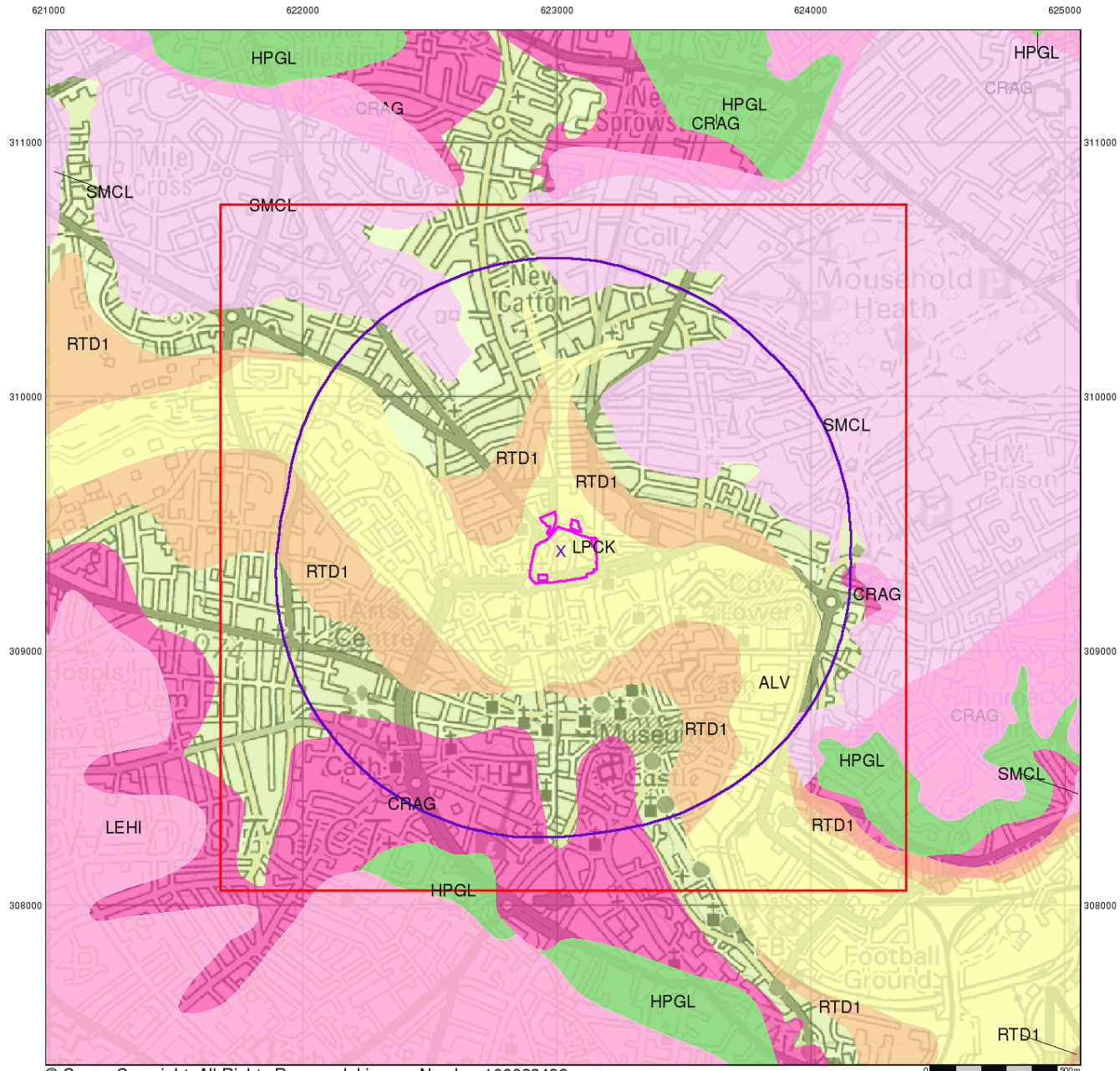


Order Details:

Order Number: 297057661_1_1
 Customer Reference: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details:

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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

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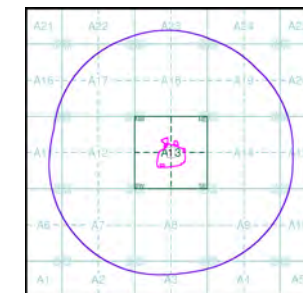
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Contact

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 Fax: 0115 936 3276
 email: enquiries@bgs.ac.uk
 website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details:

Order Number: 297057661_1_1
 Customer Reference: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

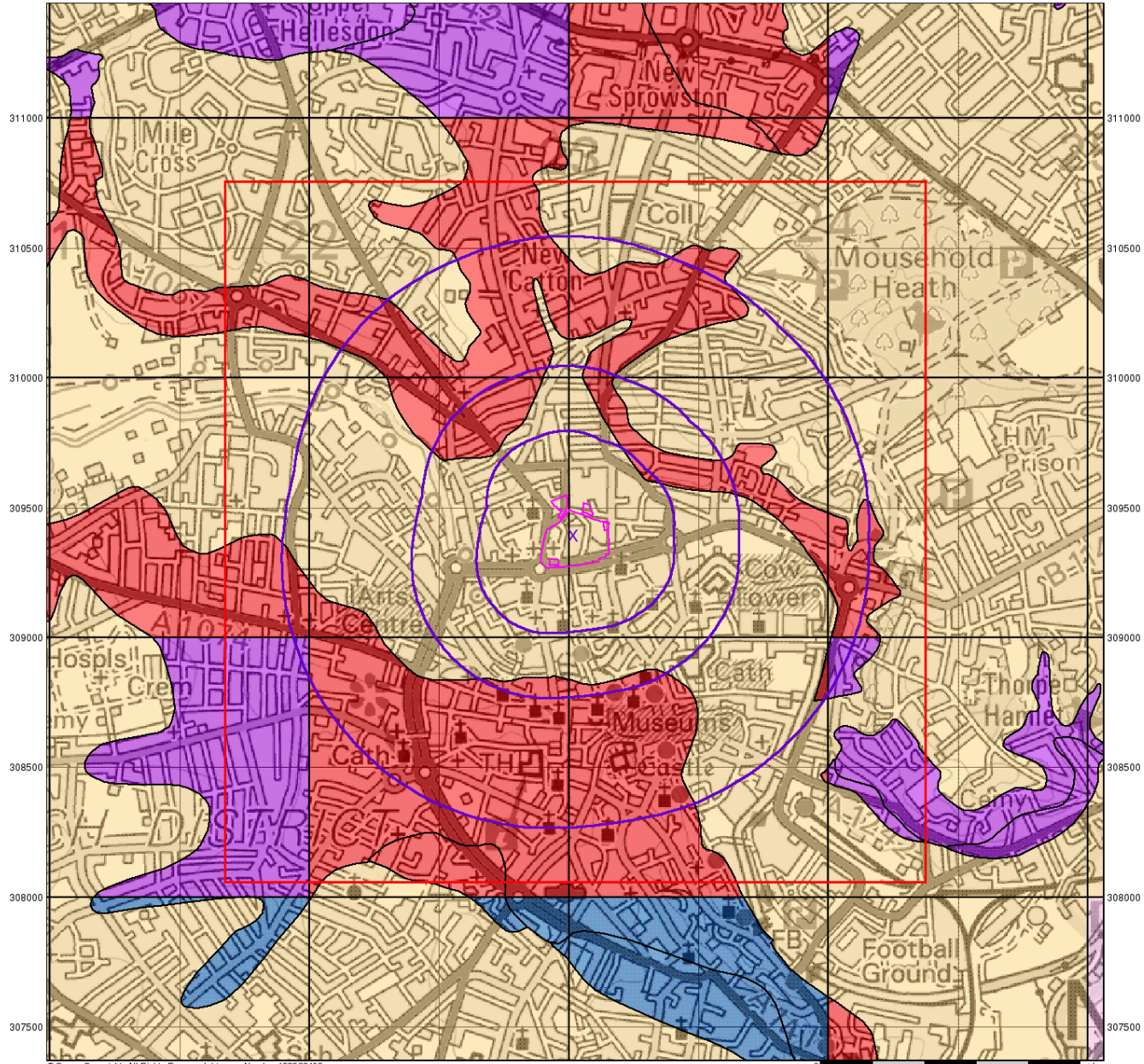
Site Details:

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621000 621500 622000 622500 623000 623500 624000 624500 625000



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Groundwater Vulnerability

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

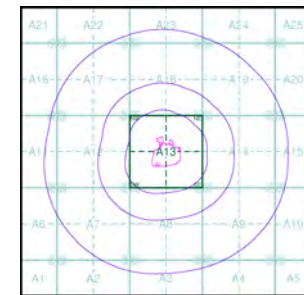
Bedrock Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details

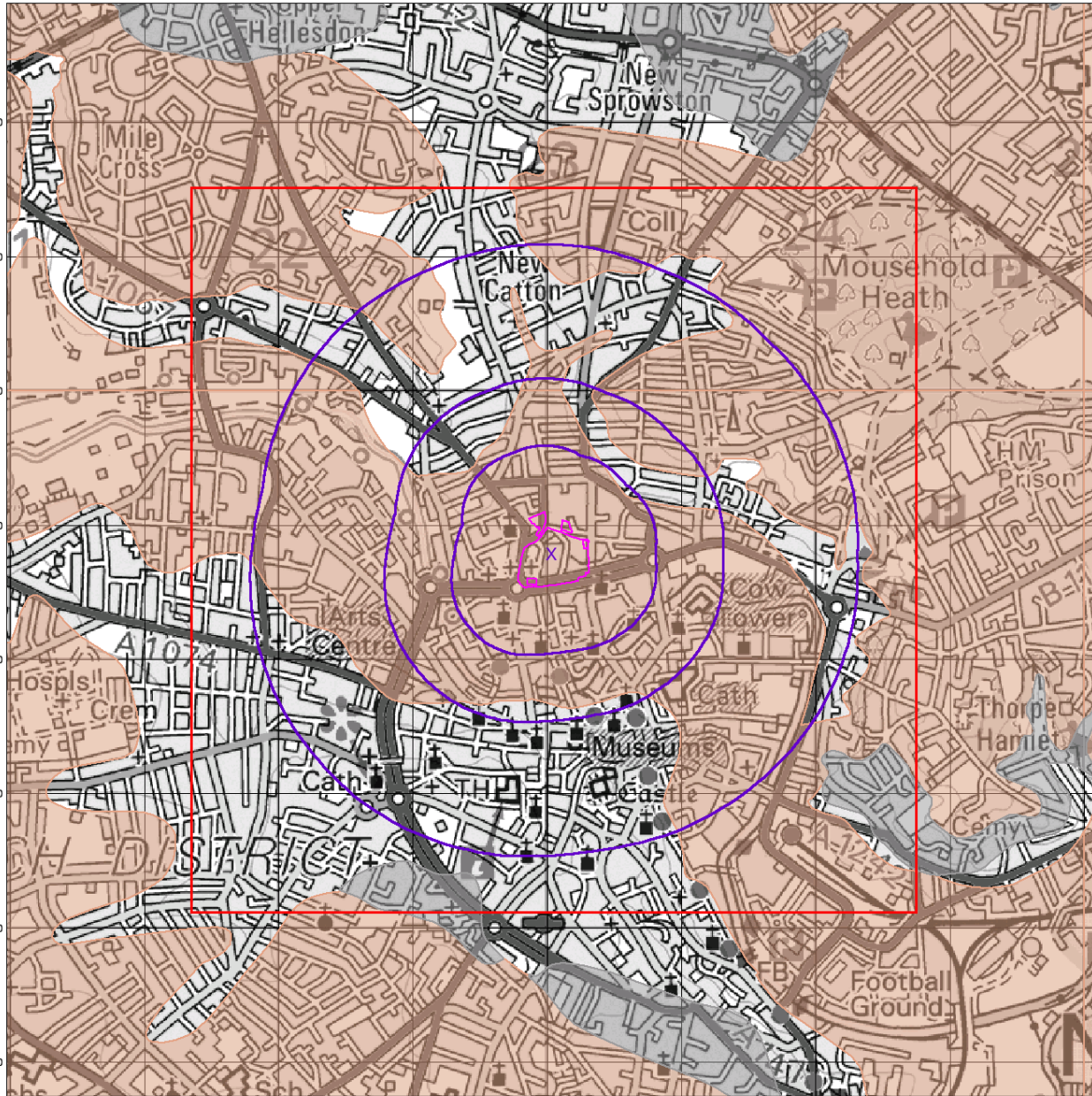
Anglia Square, NORWICH, NR3 1DZ

Landmark
 INFORMATION GROUP

Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

621000 621500 622000 622500 623000 623500 624000 624500 625000

311000
310500
310000
309500
309000
308500
308000
307500



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Superficial Aquifer Designation

General

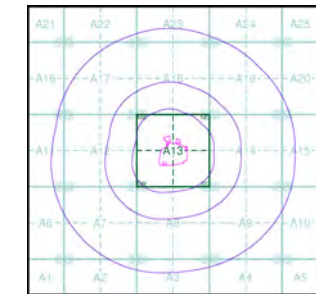
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

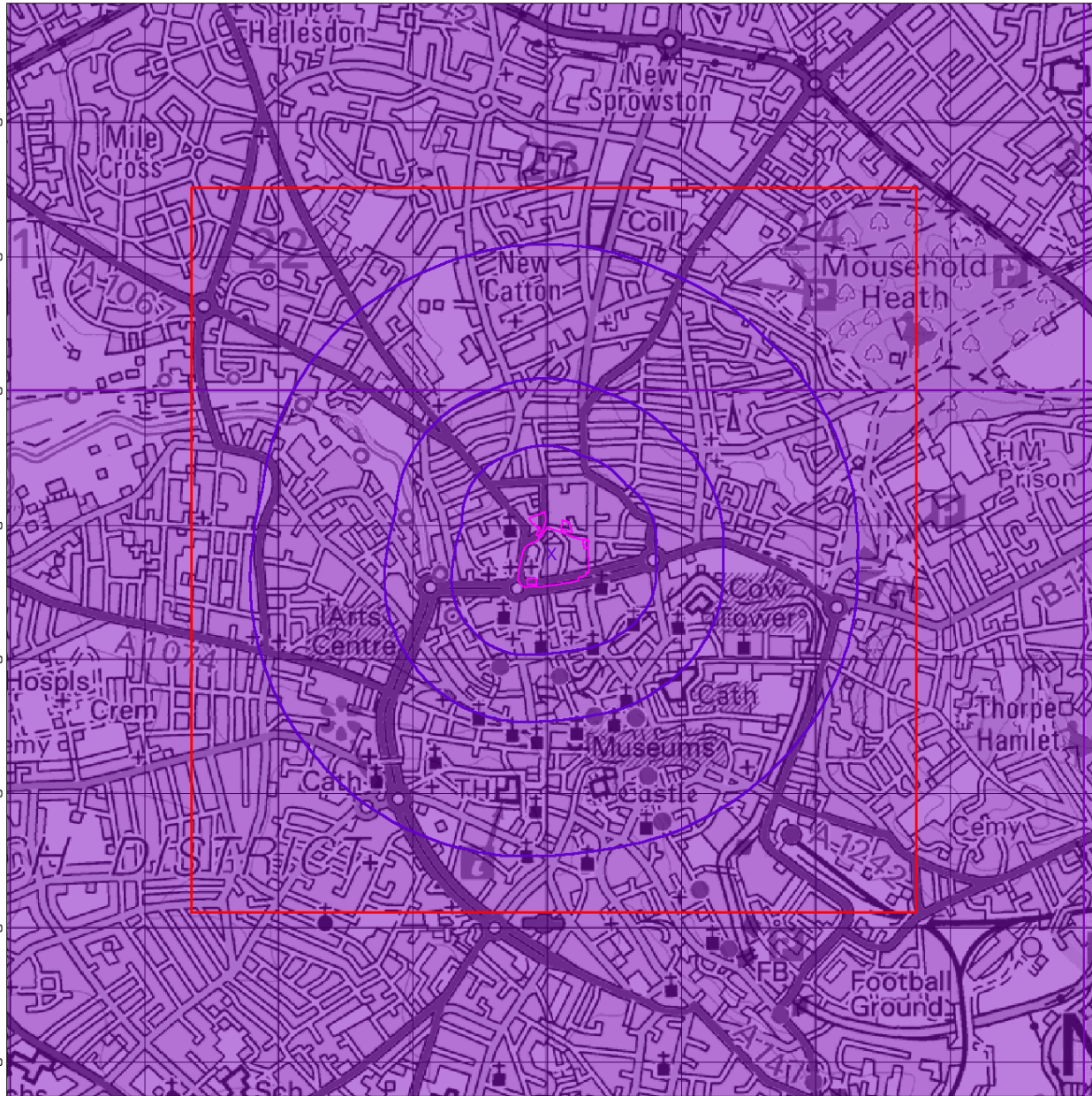
Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
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 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details

Anglia Square, NORWICH, NR3 1DZ

621000 621500 622000 622500 623000 623500 624000 624500 625000

311000
310500
310000
309500
309000
308500
308000
307500



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Bedrock Aquifer Designation

General

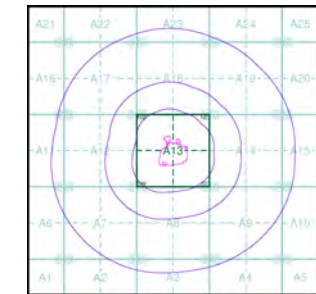
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



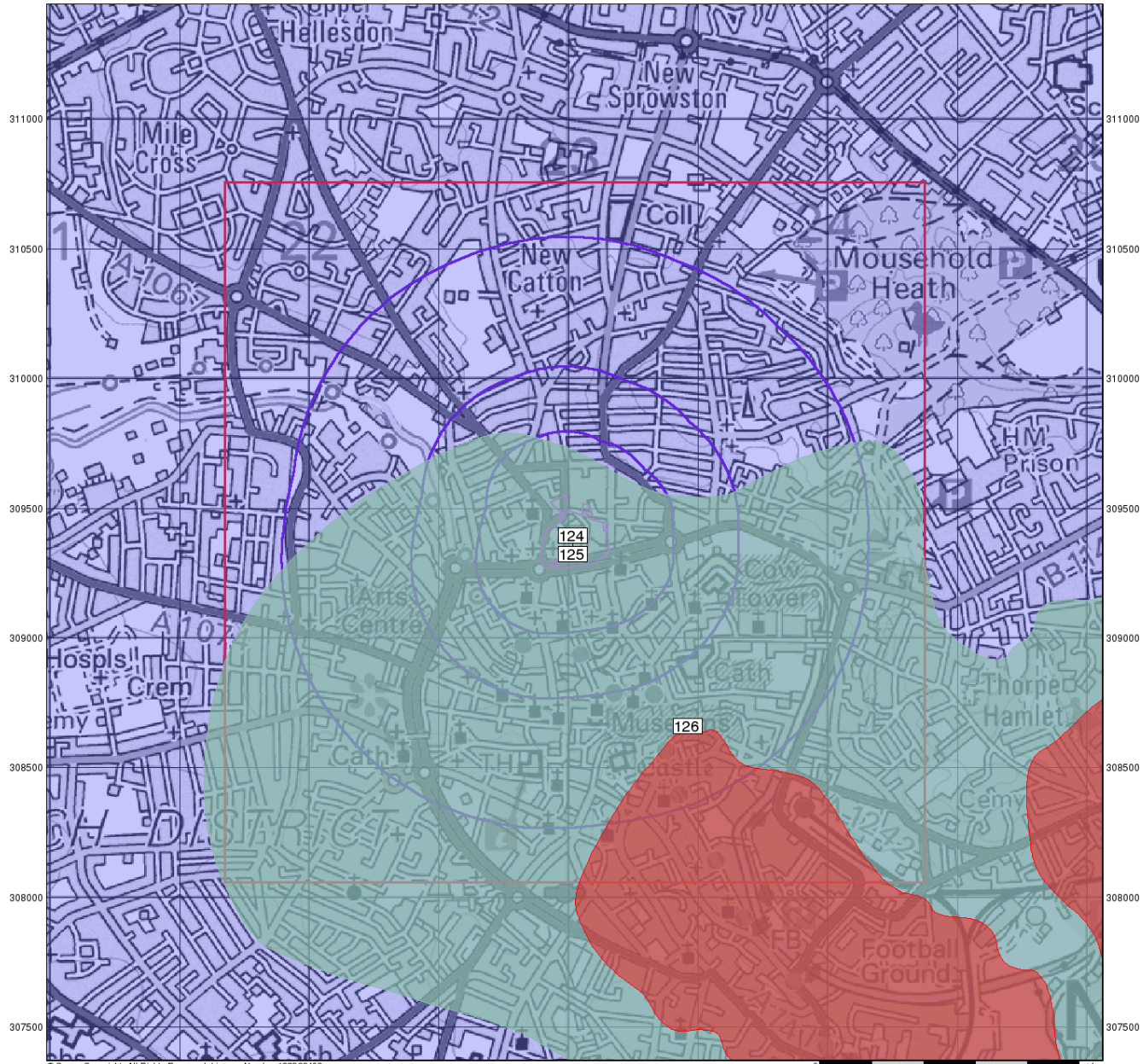
Order Details

Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details

Anglia Square, NORWICH, NR3 1DZ

621000 621500 622000 622500 623000 623500 624000 624500 625000



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0 1 km

Source Protection Zones

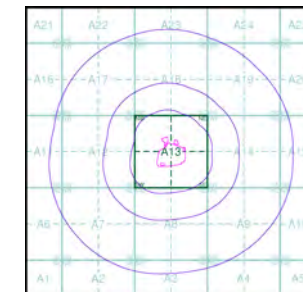
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



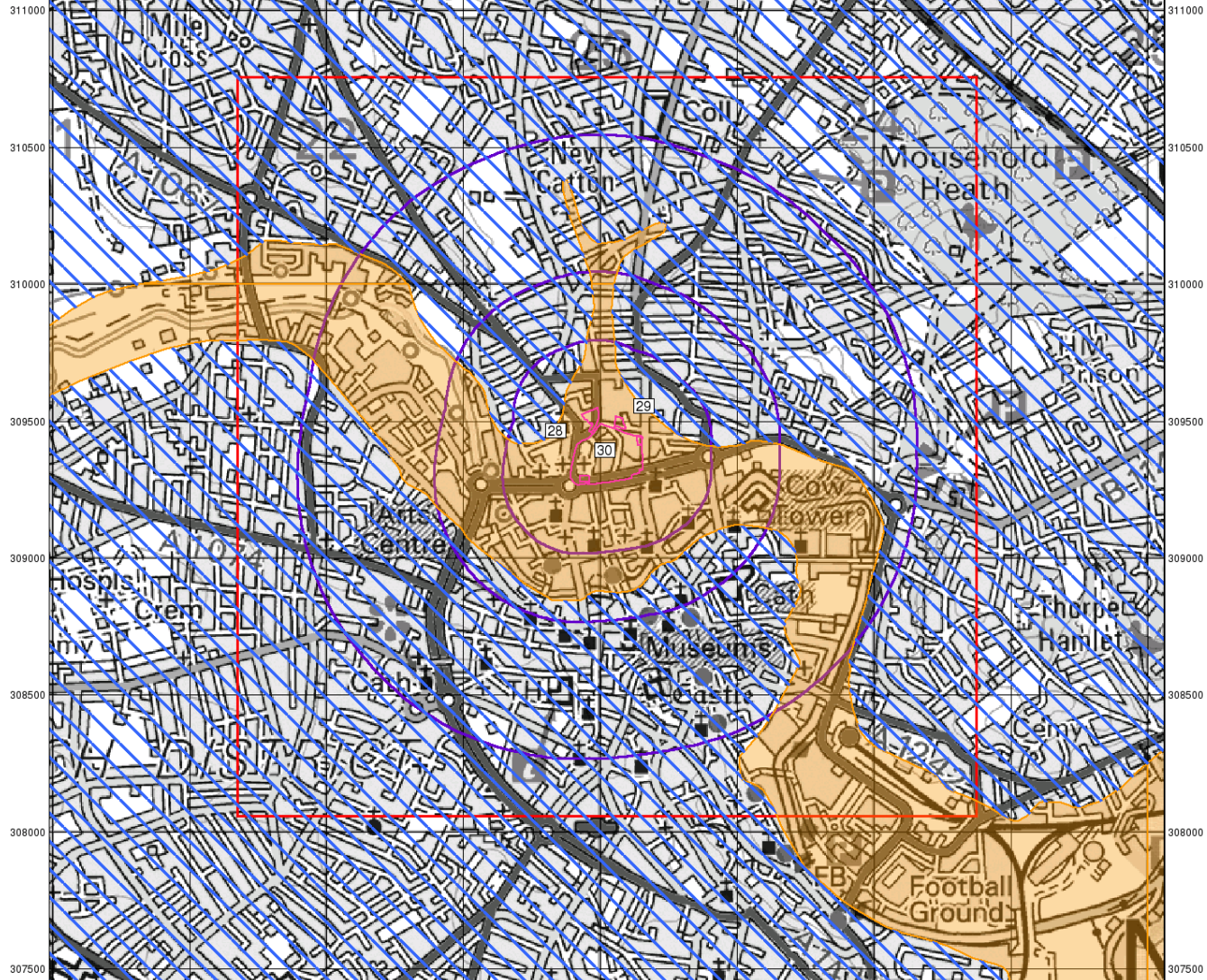
Order Details

Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
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Anglia Square, NORWICH, NR3 1DZ

621000 621500 622000 622500 623000 623500 624000 624500 625000



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Ground Stability Data (1:50,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Potential for Compressible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

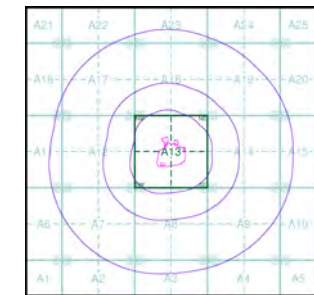
Potential for Collapsible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Brine Pumping and Salt Mining

- | | Point | Polygon |
|-------------------------------|-------|---------|
| Brine Pumping Related Feature | | |
| Salt Mining Related Feature | | |

Mining and Ground Stability - Slice A



Order Details

Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

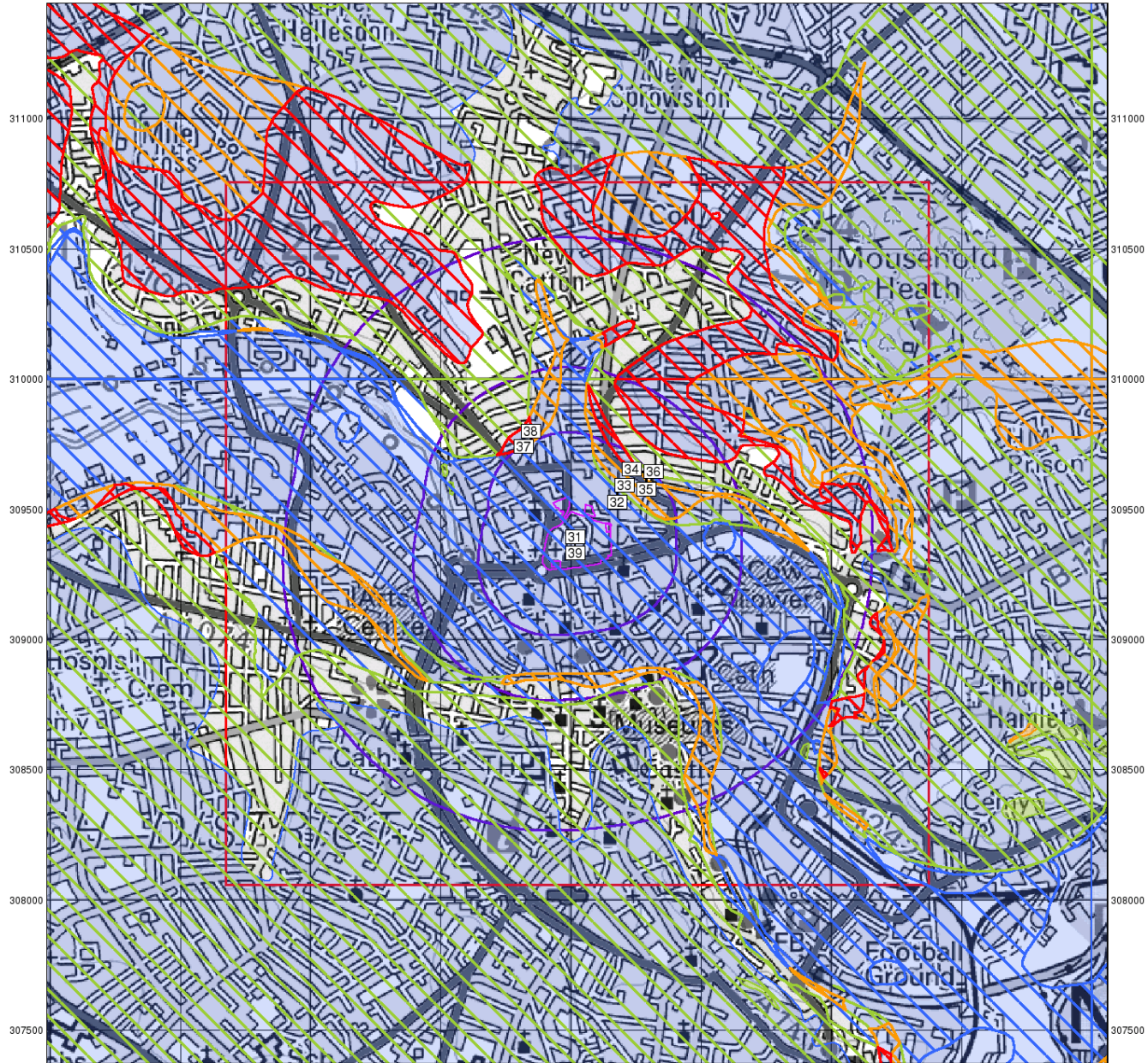
Site Details

Anglia Square, NORWICH, NR3 1DZ

Landmark
 INFORMATION GROUP

Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

621000 621500 622000 622500 623000 623500 624000 624500 625000



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Ground Stability Data (1:50,000)

General

- ◆ Specified Site
- ◇ Specified Buffer(s)
- ✕ Bearing Reference Point
- Slice
- B Map ID

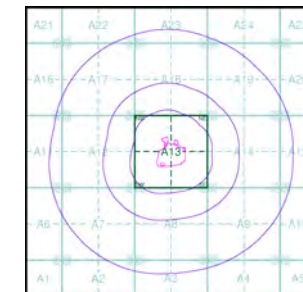
Potential for Landslide Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Potential for Ground Dissolution Stability Hazards

- ▨ High
- ▨ Moderate
- ▨ Low
- ▨ Very Low

Mining and Ground Stability - Slice A



Order Details

Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

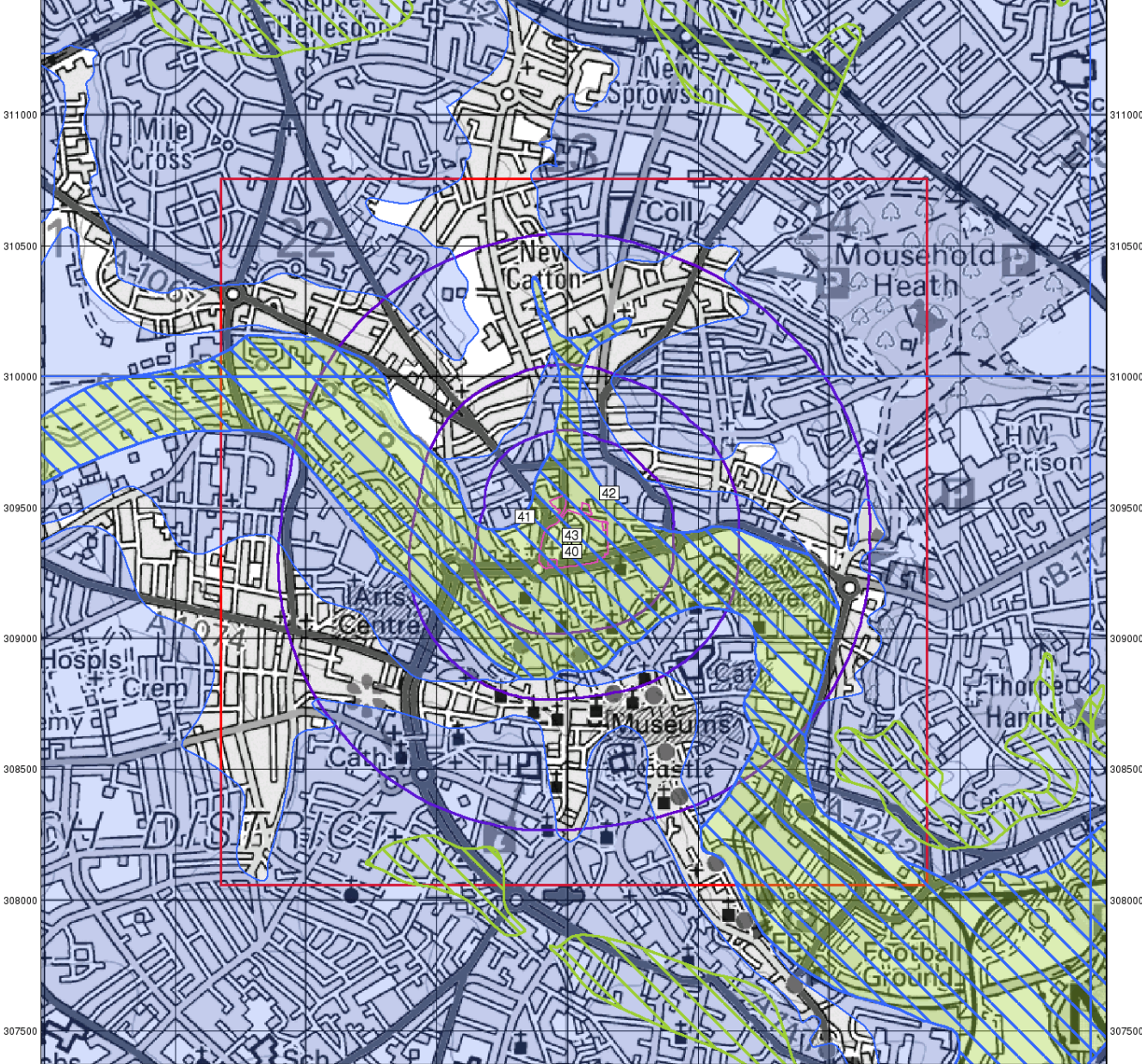
Site Details

Anglia Square, NORWICH, NR3 1DZ

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Tel: 0844 844 9952
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621000 621500 622000 622500 623000 623500 624000 624500 625000



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Ground Stability Data (1:50,000)

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Slice
 - Map ID

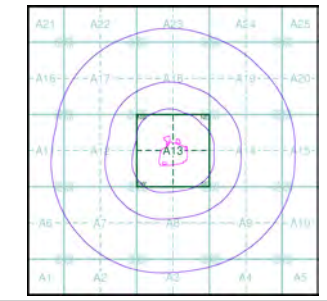
Potential for Running Sand Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Mining and Ground Stability - Slice A



Order Details

Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Search Buffer (m): 1000

Site Details

Anglia Square, NORWICH, NR3 1DZ

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 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

297057661_1_1

Customer Reference:

CON01-NORW-045

National Grid Reference:

623020, 309390

Slice:

A

Site Area (Ha):

4.68

Search Buffer (m):

1000

Site Details:

Anglia Square

NORWICH

NR3 1DZ

Client Details:

Mr S Petrasso

Stansted Environmental Services

The Stansted Centre

Parsonage Road

Takeley

Essex

CM22 6PU

Prepared For:

Weston Homes plc

Weston Group Business Centre

Parsonage Road

Takeley

Essex

CM22 6PU

Report Section and Details	Page Number
Summary	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.</p> <p>For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).</p>	
Mining and Natural Cavities Data	1
<p>The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.</p> <p>Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.</p>	
Historical Land Use Information (1:2,500)	8
<p>The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.</p> <p>For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.</p>	
Historical Land Use Information (1:10,000)	9
<p>The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.</p> <p>For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.</p>	
Ground Stability Data (1:50,000)	10
<p>The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.</p>	
Historical Map List	12
<p>The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.</p>	
Data Currency	13
Data Suppliers	14
Useful Contacts	15

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites	pg 1			3	13
Coal Mining Affected Areas			n/a	n/a	n/a
Man Made Mining Cavities	pg 3		1	3	18
Mining Instability	pg 5	Yes	n/a	n/a	n/a
Natural Cavities	pg 5				18
Non Coal Mining Areas of Great Britain	pg 6	Yes	Yes	n/a	n/a
Potential Mining Areas					
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)	pg 8		1	n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)	pg 8	1	1	n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)	pg 8	1	2	n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)	pg 8		2	n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 8		1	n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground					
General Quarrying					
Heap, unknown constituents					
Mineral Railway					
Mining & quarrying general					
Mining of coal & lignite					
Quarrying of sand & clay, operation of sand & gravel pits	pg 9				3
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 9				2
Potentially Infilled Land (Water)					
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 10	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 11	Yes	Yes	n/a	n/a
Salt Mining Related Features					

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Norwich Chalk Mine Location: Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 220264 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	312	1	623139 309821
2	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Norwich Chalk Mine Location: Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 220269 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	479	1	623242 309963
2	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Northcote Road Chalk Mine Location: Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 220884 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	506	1	623246 309990
3	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Westwick Street Denehole Location: Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 220892 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	487	1	622748 308810
4	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Mousehold Heath Location: Mousehold Heath, Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 21325 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NE)	585	1	623660 309735
5	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Norwich Chalk Mine Location: Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 220845 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	592	1	622788 308690

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Mousehold Lane Pit Location: Pockthorpe, Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 196815 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Sheringham Cliffs Formation Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	654	1	623681 309829
7	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Pottergate Denehole Location: Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 220294 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	674	1	622495 308739
8	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Ketts Cave Chalk Mine Location: Mousehold Heath, Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 220311 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	678	1	623758 309748
8	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Mousehold Lane Sand Pit Location: Mousehold Heath, Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 21331 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Corton Formation And Lowestoft Formation Commodity: Sand Positional Accuracy: Located by supplier to within 10m</p>	A14NE (NE)	685	1	623770 309740
9	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Aylsham Road Limekiln Location: Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 196814 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	716	1	622438 310041
10	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Earlham Road Chalk Mine Location: Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 220898 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m</p>	A7SW (SW)	860	1	622315 308650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	BGS Recorded Mineral Sites Site Name: Little Spitalfield Pit Location: Pockthorpe, Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 196816 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Sheringham Cliffs Formation Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14NE (E)	865	1	624017 309509
12	BGS Recorded Mineral Sites Site Name: Norwich Chalk Mine Location: Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 220272 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	969	1	624033 308913
13	BGS Recorded Mineral Sites Site Name: Little Spitalfield Location: St James Hill, Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 21324 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A15NW (E)	970	1	624125 309415
13	BGS Recorded Mineral Sites Site Name: St James Hollow Chalk Mine Location: St James Hill, Norwich, Norfolk Source: British Geological Survey, National Geoscience Information Service Reference: 227749 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A15NW (E)	985	1	624140 309442
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Man Made Mining Cavities Cavity Type: Possible Crown Hole Collapse Commodity: Chalk Solid Geology Detail: Chalk Group Superficial Geology: River Terrace Deposits Detail:	A13NE (NE)	223	2	623200 309700
	Man Made Mining Cavities Cavity Type: Road Collapse after Water Main Burst Reported by BBC News on 13 December 2004 Commodity: Chalk Solid Geology Detail: Chalk Group Superficial Geology: No Details Detail:	A18SE (NE)	376	2	623310 309810
	Man Made Mining Cavities Cavity Type: 5+ Possible Crown Hole Collapses Commodity: Chalk Solid Geology Detail: Chalk Group Superficial Geology: Glacial Sand and Gravels Detail:	A18SE (NE)	446	2	623300 309900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Man Made Mining Cavities Cavity Type: Possible Crown Hole Collapse Commodity: Chalk Solid Geology Detail: Chalk Group Superficial Geology Detail: Glacial Sand and Gravels	A18SE (N)	499	2	623200 310000
	Man Made Mining Cavities Cavity Type: Chamber and 3x Galleries discovered Commodity: Chalk Solid Geology Detail: Chalk Group Superficial Geology Detail: Glacial Sand and Gravels	A18SE (NE)	535	2	623300 310000
	Man Made Mining Cavities Cavity Type: 2x Galleries Discovered Commodity: Chalk Solid Geology Detail: Chalk Group Superficial Geology Detail: Glacial Sand and Gravels	A18SE (NE)	535	2	623300 310000
	Man Made Mining Cavities Cavity Type: Chalk Mining-Details Unknown Commodity: Chalk Solid Geology Detail: Chalk Group Superficial Geology Detail: No Details	A7NE (SW)	563	2	622600 308800
	Man Made Mining Cavities Cavity Type: Chalk Mining-Details Unknown Commodity: Chalk Solid Geology Detail: Norwich Crag Formation, Upper Chalk Formation Superficial Geology Detail: No Details	A8SW (S)	579	2	622800 308700
	Man Made Mining Cavities Cavity Type: Adit Entry Pillar and Stall Chalk Mine Commodity: Chalk Solid Geology Detail: Chalk Group Superficial Geology Detail: Glacial Sand and Gravels	A19SE (NE)	654	2	623700 309800
	Man Made Mining Cavities Cavity Type: Possible Crown Hole Collapses/Voids encountered during building Commodity: Chalk Solid Geology Detail: Norwich Crag Formation, Upper Chalk Formation Superficial Geology Detail: No Details	A7SE (SW)	765	2	622400 308700
	Man Made Mining Cavities Cavity Type: Adit Entry Pillar and Stall Chalk Mine Commodity: Chalk Solid Geology Detail: Chalk Group Superficial Geology Detail: Glacial Sand and Gravels	A14NE (E)	790	2	623900 309700
	Man Made Mining Cavities Cavity Type: Chalk Mining-Details Unknown Commodity: Chalk Solid Geology Detail: Norwich Crag Formation, Upper Chalk Formation Superficial Geology Detail: No Details	A8SE (S)	793	2	623200 308500
	Man Made Mining Cavities Cavity Type: Possible Crown Hole Collapses/Structural Damage Commodity: Unknown Solid Geology Detail: Chalk Group Superficial Geology Detail: No Details	A7NW (SW)	849	2	622200 308800
	Man Made Mining Cavities Cavity Type: Adit Entry Pillar and Stall Chalk Mine Commodity: Chalk Solid Geology Detail: Norwich Crag Formation, Upper Chalk Formation Superficial Geology Detail: No Details	A7SW (SW)	906	2	622300 308600
	Man Made Mining Cavities Cavity Type: Chalk Mine Gallery/Galleries (Extent Unknown) Commodity: Chalk Solid Geology Detail: Norwich Crag Formation, Upper Chalk Formation Superficial Geology Detail: No Details	A7SW (SW)	910	2	622200 308700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Man Made Mining Cavities Cavity Type: Historical Lime Workings/Kiln-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Chalk Group Superficial Geology No Details Detail:	A17NW (NW)	926	2	622300 310200
	Man Made Mining Cavities Cavity Type: Possible Crown Hole Collapses Commodity: Unknown Solid Geology Detail: Norwich Crag Formation, Upper Chalk Formation Superficial Geology No Details Detail:	A15SW (E)	946	2	624100 309300
	Man Made Mining Cavities Cavity Type: Chalk Mining-Details Unknown Commodity: Chalk Solid Geology Detail: Chalk Group Superficial Geology No Details Detail:	A15SW (E)	946	2	624100 309400
	Man Made Mining Cavities Cavity Type: Possible Crown Hole Collapses Commodity: Unknown Solid Geology Detail: Chalk Group Superficial Geology No Details Detail:	A15SW (E)	953	2	624100 309200
	Man Made Mining Cavities Cavity Type: Pillar and stall:- type of chalk mine Commodity: Chalk Solid Geology Detail: Norwich Crag Formation, Upper Chalk Formation Superficial Geology No Details Detail:	A7SW (SW)	977	2	622200 308600
	Man Made Mining Cavities Cavity Type: 2x Crown Hole Collapses-Mine Gallery(s) Found Commodity: Chalk Solid Geology Detail: Norwich Crag Formation, Upper Chalk Formation Superficial Geology No Details Detail:	A7SW (SW)	989	2	622100 308700
	Man Made Mining Cavities Cavity Type: 2x Quarry access tunnels (Linked) Commodity: Unknown Solid Geology Detail: Chalk Group Superficial Geology No Details Detail:	A9NE (SE)	994	2	624000 308800
	Mining Instability Mining Evidence: Conclusive Rock Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (SW)	0	3	623017 309393
	Natural Cavities Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group Superficial Geology Glacial Sand & Gravel Detail:	A14NW (NE)	542	2	623650 309660
	Natural Cavities Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group Superficial Geology Glacial Sand & Gravel Detail:	A14NE (E)	556	2	623700 309550
	Natural Cavities Cavity Type: Solution Pipe x 6 Solid Geology Detail: Chalk Group Superficial Geology Glacial Sand & Gravel Detail:	A14NE (E)	704	2	623850 309550
	Natural Cavities Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group Superficial Geology Glacial Sand & Gravel Detail:	A19NW (NE)	766	2	623560 310110
	Natural Cavities Cavity Type: Solution widened joint or fissure Solid Geology Detail: CHALK GROUP, NORWICH CRAG FORMATION Superficial Geology No Details Detail:	A8SE (S)	823	2	623050 308450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Cavity Type: Solution Pipe Solid Geology Detail: CHALK GROUP, NORWICH CRAG FORMATION Superficial Geology No Details Detail:	A7SE (SW)	830	2	622600 308500
	Natural Cavities Cavity Type: Solution Pipe x 1, Solution Widened Joint or Fissure x 1 Solid Geology Detail: CHALK GROUP, NORWICH CRAG FORMATION Superficial Geology No Details Detail:	A8SE (S)	835	2	623150 308450
	Natural Cavities Cavity Type: Sinkhole x 1 Solid Geology Detail: Chalk Group Superficial Geology No Details Detail:	A17NE (NW)	841	2	622360 310140
	Natural Cavities Cavity Type: Solution Pipe Solid Geology Detail: CHALK GROUP, NORWICH CRAG FORMATION Superficial Geology No Details Detail:	A8SE (S)	851	2	623250 308450
	Natural Cavities Cavity Type: Solution Pipe Solid Geology Detail: CHALK GROUP, NORWICH CRAG FORMATION Superficial Geology No Details Detail:	A8SE (S)	851	2	623250 308450
	Natural Cavities Cavity Type: Solution Pipe Solid Geology Detail: CHALK GROUP, NORWICH CRAG FORMATION Superficial Geology No Details Detail:	A8SE (S)	851	2	623250 308450
	Natural Cavities Cavity Type: Solution Pipe x 2 Solid Geology Detail: CHALK GROUP, NORWICH CRAG FORMATION Superficial Geology No Details Detail:	A8SW (S)	871	2	622840 308400
	Natural Cavities Cavity Type: Solution Pipe x 3 Solid Geology Detail: CHALK GROUP, NORWICH CRAG FORMATION Superficial Geology No Details Detail:	A8SE (S)	873	2	623350 308450
	Natural Cavities Cavity Type: Solution Pipe x 35 Solid Geology Detail: CHALK GROUP, NORWICH CRAG FORMATION Superficial Geology No Details Detail:	A8SE (S)	892	2	623200 308400
	Natural Cavities Cavity Type: Solution Pipe x 2 Solid Geology Detail: CHALK GROUP, NORWICH CRAG FORMATION Superficial Geology No Details Detail:	A8SW (S)	894	2	622700 308400
	Natural Cavities Cavity Type: Solution Pipe x 2 Solid Geology Detail: CHALK GROUP, NORWICH CRAG FORMATION Superficial Geology No Details Detail:	A8SW (S)	894	2	622700 308400
	Natural Cavities Cavity Type: Sinkhole x 3 Solid Geology Detail: Chalk Group Superficial Geology No Details Detail:	A19NW (NE)	908	2	623430 310350
	Natural Cavities Cavity Type: Solution Pipe x 140 Solid Geology Detail: CHALK GROUP, NORWICH CRAG FORMATION Superficial Geology Brickearth/head Detail:	A3NW (S)	994	2	622690 308300
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	623033 309396

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Non Coal Mining Areas of Great Britain Risk: Highly Likely Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	623132 309409
	Non Coal Mining Areas of Great Britain Risk: Likely Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	0	1	623082 309404
	Non Coal Mining Areas of Great Britain Risk: Highly Likely Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	64	1	623132 309553
	Non Coal Mining Areas of Great Britain Risk: Highly Likely Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	179	1	623304 309538
	Non Coal Mining Areas of Great Britain Risk: Likely Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	180	1	622780 309619
	Non Coal Mining Areas of Great Britain Risk: Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	195	1	623260 309605
	Non Coal Mining Areas of Great Britain Risk: Likely Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	214	1	623080 309741
	Non Coal Mining Areas of Great Britain Risk: Likely Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	216	1	622938 309756
	Non Coal Mining Areas of Great Britain Risk: Highly Likely Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	249	1	623169 309744

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	Extractive Industries or Potential Excavations from 1855-1909 Use: Burial Ground (Disused) First Map Published 1886 Date: Last Map Published Not Applicable Date:	A13SW (W)	45	-	622854 309363
15	Extractive Industries or Potential Excavations from 1893-1915 Use: B. Gd. First Map Published 1907 Date: Last Map Published Not Applicable Date:	A13SE (S)	0	-	623044 309288
16	Extractive Industries or Potential Excavations from 1893-1915 Use: Burial Ground First Map Published 1907 Date: Last Map Published Not Applicable Date:	A13SW (W)	44	-	622856 309367
17	Extractive Industries or Potential Excavations from 1906-1937 Use: B.G. First Map Published 1928 Date: Last Map Published Not Applicable Date:	A13SE (S)	0	-	623043 309287
18	Extractive Industries or Potential Excavations from 1906-1937 Use: G. Yd. First Map Published 1928 Date: Last Map Published Not Applicable Date:	A13NW (NW)	36	-	622909 309453
19	Extractive Industries or Potential Excavations from 1906-1937 Use: Burial Ground First Map Published 1928 Date: Last Map Published Not Applicable Date:	A13SW (W)	45	-	622855 309366
20	Extractive Industries or Potential Excavations from 1924-1949 Use: G. Yd. First Map Published 1938 Date: Last Map Published Not Applicable Date:	A13NW (NW)	36	-	622908 309453
21	Extractive Industries or Potential Excavations from 1924-1949 Use: Burial Ground First Map Published 1938 Date: Last Map Published Not Applicable Date:	A13SW (W)	45	-	622854 309365
22	Extractive Industries or Potential Excavations from 1950-1980 Use: Friends Burial Ground First Map Published 1956 Date: Last Map Published N/A Date:	A13SW (W)	41	-	622860 309369

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1887	A14NW (NE)	555	-	623631 309727
24	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1887	A15SW (E)	918	-	624073 309314
25	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1887	A15NW (E)	976	-	624106 309657
26	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14NW (NE)	555	-	623631 309727
27	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A9NE (SE)	981	-	624035 308889

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
28	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	69	1	622838 309465
29	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	83	1	623158 309554
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	623017 309393
30	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	623017 309393
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	69	1	622838 309465
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	83	1	623158 309554
31	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	623017 309393
32	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	117	1	623178 309582
33	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	142	1	623206 309590
34	Potential for Ground Dissolution Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	206	1	623232 309654
35	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	218	1	623288 309614
36	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	226	1	623264 309645
37	Potential for Ground Dissolution Stability Hazards Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	244	1	622817 309739
38	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A18SW (NW)	249	1	622845 309757
39	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	623017 309393
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	218	1	623288 309614
40	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	623017 309393
41	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	69	1	622838 309465
42	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	83	1	623158 309554

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	218	1	623288 309614
43	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	623017 309393
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	69	1	622838 309465
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	83	1	623158 309554

The following mapping has been analysed for Historical Land Use Information (1:2,500):








1:2,500	Mapsheets	Published Date
Norfolk	063_11	1886
Norfolk	063_11	1907
Norfolk	063_11	1928
Norfolk	063_11	1938
Ordnance Survey Plan	TG2209	1956

The following mapping has been analysed for Historical Land Use Information (1:10,000):

1:10,560	Mapsheets	Published Date
Norfolk	063_SE	1887
Norfolk	063_NE	1888
Norfolk	063_NW	1888
Norfolk	063_SW	1888
Norfolk	063_NE	1908
Norfolk	063_NW	1908
Norfolk	063_SE	1908
Norfolk	063_SW	1908
Norfolk	063_SW	1919
Norfolk	063_NE	1929
Norfolk	063_NW	1929
Norfolk	063_SE	1929
Norfolk	063_NE	1938
Norfolk	063_NW	1938
Norfolk	063_SE	1938
Norfolk	063_SW	1938
Ordnance Survey Plan	TG20NW	1957
Ordnance Survey Plan	TG21SW	1958
1:10,000	Mapsheets	Published Date
Ordnance Survey Plan	TG21SW	1987
Ordnance Survey Plan	TG20NW	1989

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2021	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2021	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	February 2020	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	Annual Rolling Update

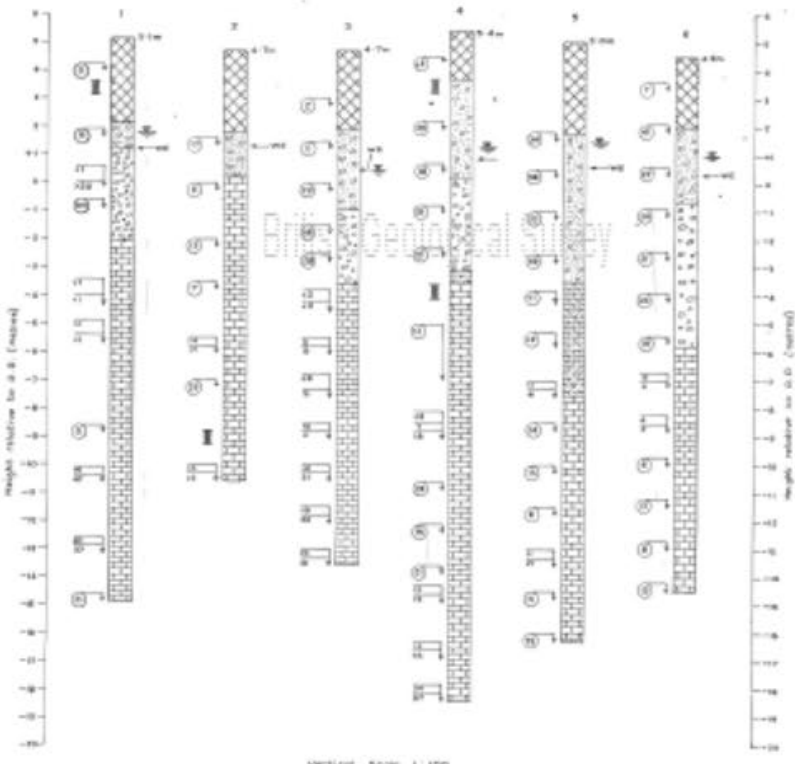
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Stantec UK Ltd Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pba.reading@stantec.com Website: www.stantec.com
3	Ove Arup & Partners Central Square, Forth Street, Newcastle upon Tyne, Tyne and Wear, NE1 3PL	Telephone: 0191 261 6080 Fax: 0191 261 7879
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

H. HISTORICAL BOREHOLE RECORDS

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Department of the Environment
Location Plan & Borehole Sections
 Appendix C

LEGEND

Location Plan

- Shell and Auger Borehole

Details taken from Site Survey Plan supplied by Sir J. & G. Gurney, 1986/1988. Revised August 2004. H.B. Cambridge.

The approximate National Grid reference of the site is TQ 289004.

Borehole Sections

- MADE GROUND (MILL): Varying mixture of brick and concrete rubble, with clays and pieces of metal, glass, bones etc. Material strongly magnetic. No debris in place.
- SAND and GRAVEL: Fine to medium, mostly silty and clayey. Brown to orange brown, sand and shales with occasional clays.
- SAND and GRAVEL: medium to coarse brown sand and shales with clays in place. (No Street Wash Drains?)
- CHALK and SAND: strongly sandy rounded chalk with fragments of recent chert, glass and pieces of sand. (Chalk Debris)
- CHALK: Structurally remoulded chalk with pieces and fragments of recent chert. Chert in orange white, orange brown in place, containing shales. (Upper Chalk - Oolite?)
- INFILTRATED (URIC) Sewage
- Standard Penetration Test
- Continuous Penetration Test
- HE Meter Entry
- Groundwater Level in Borehole

NORWICH

Crown Building

Sheet Number: 102/1007
 Drawing No: CIL/102/1007/1/17
 CIVIL ENGINEERING LABORATORY, Cambridge

16/08/2017

Originator	WGG	ANGLIA SQUARE, NORWICH CON01-NORW-045	
Checked & Approved	SP	HISTORICAL BOREHOLES	

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I. ENVIROCHECK DATA – ENVIRONMENTAL SETTING

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Historical Land Use Information (1:2,500)

General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Map ID
- Several of Type at Location

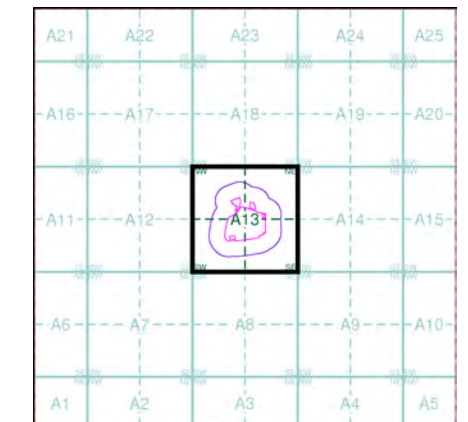
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	---	■

Mining and Ground Stability - Segment A13

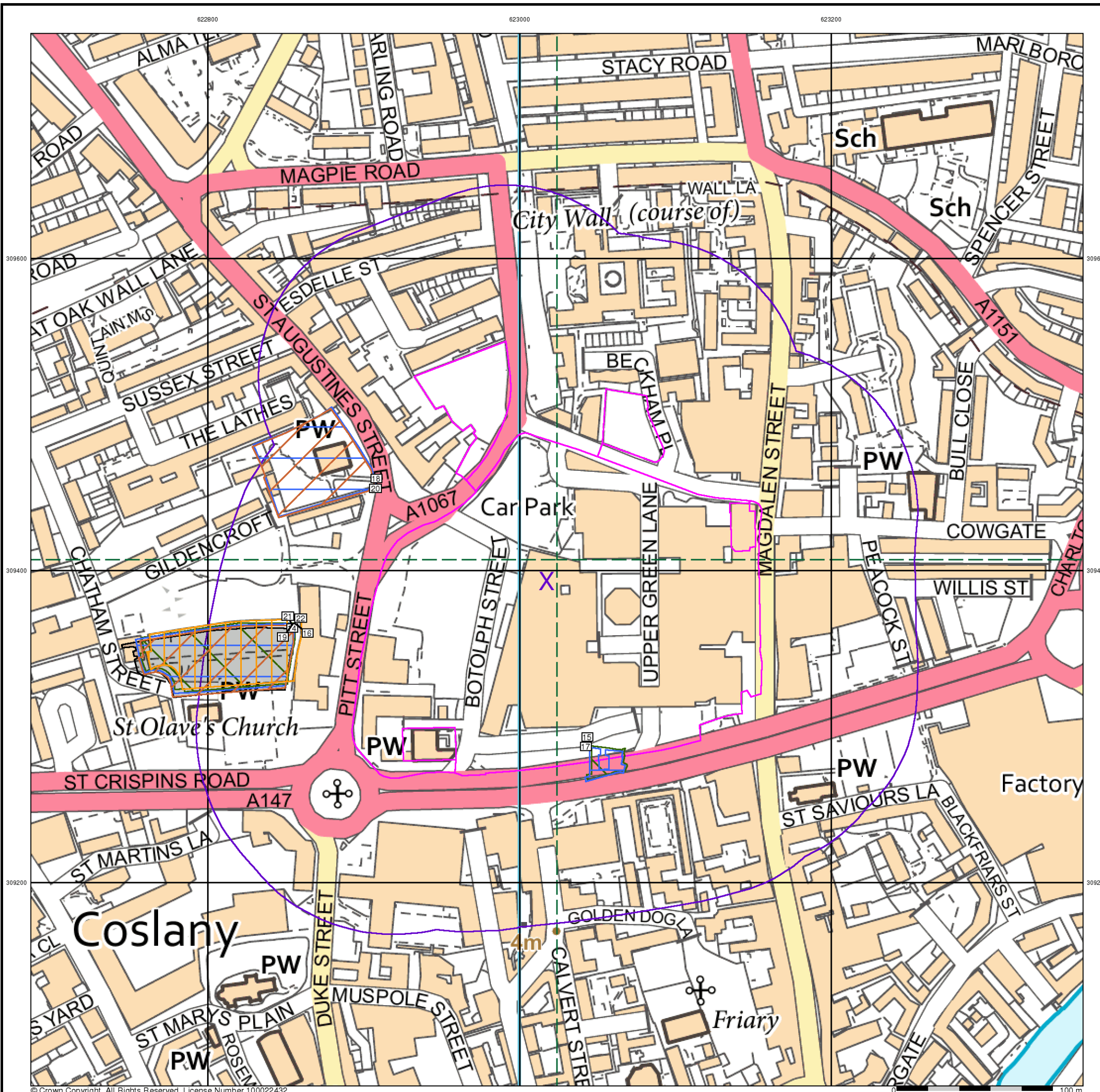


Order Details

Order Number: 297057661_1_1
 Customer Ref: CON01-NORW-045
 National Grid Reference: 623020, 309390
 Slice: A
 Site Area (Ha): 4.68
 Plot Buffer (m): 100

Site Details

Anglia Square, NORWICH, NR3 1DZ



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