CAMBRIDGE PLANNING PROPOSALS

WILLIAM HOLFORD and H. MYLES WRIGHT

MAPS AND PLANS



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CAMBRIDGE PLANNING PROPOSALS

A Report to the

Town and Country Planning Committee of the

Cambridgeshire County Council

by

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VOLUME 2 MAPS AND DRAWINGS

CAMBRIDGE

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NOTE

The planning proposals for Cambridge and neighbouring land and villages are published in two volumes, of which this is the second. The first volume contains the text of the report together with the Appendix and photographs. The present volume contains the maps and drawings.

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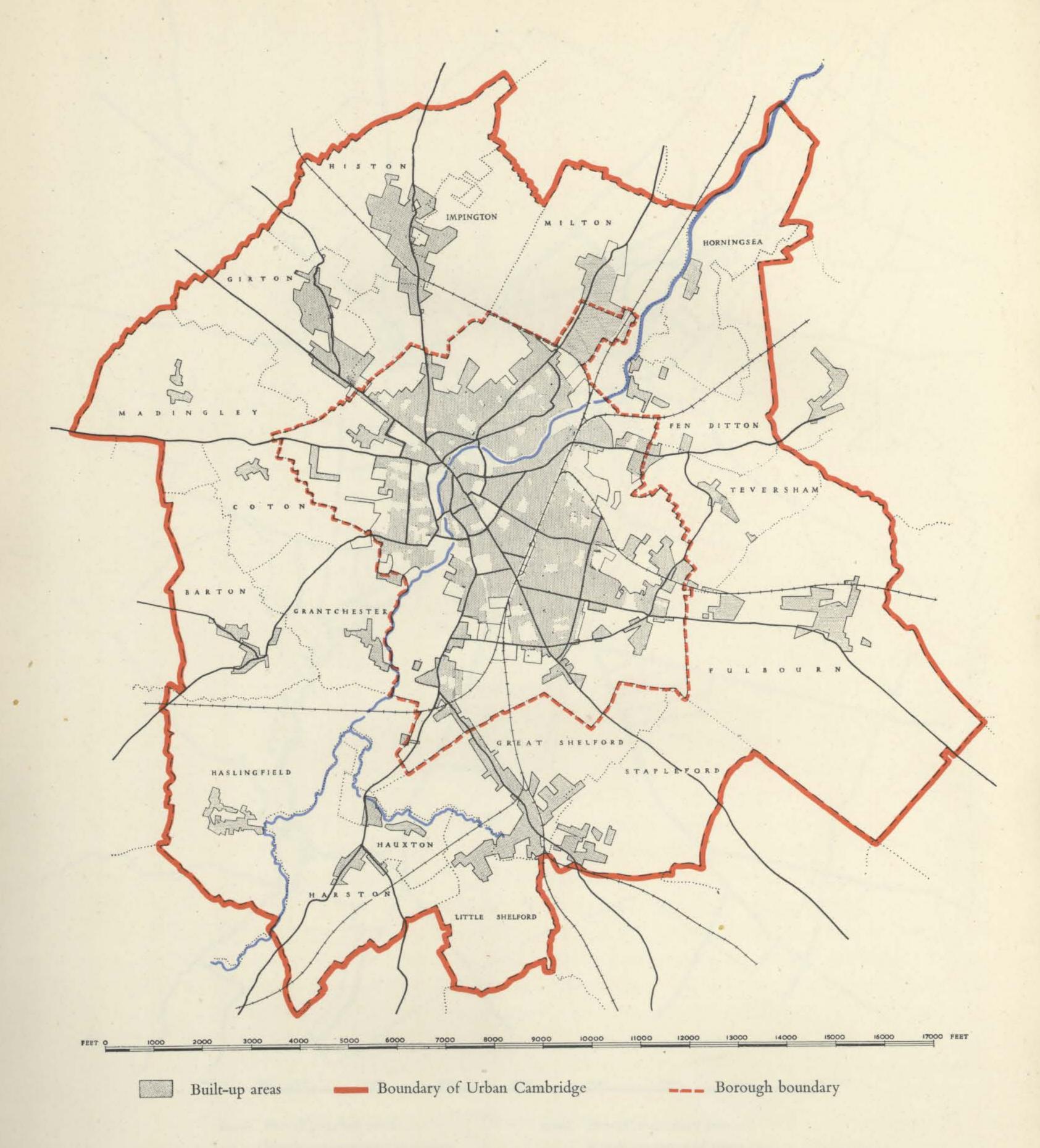
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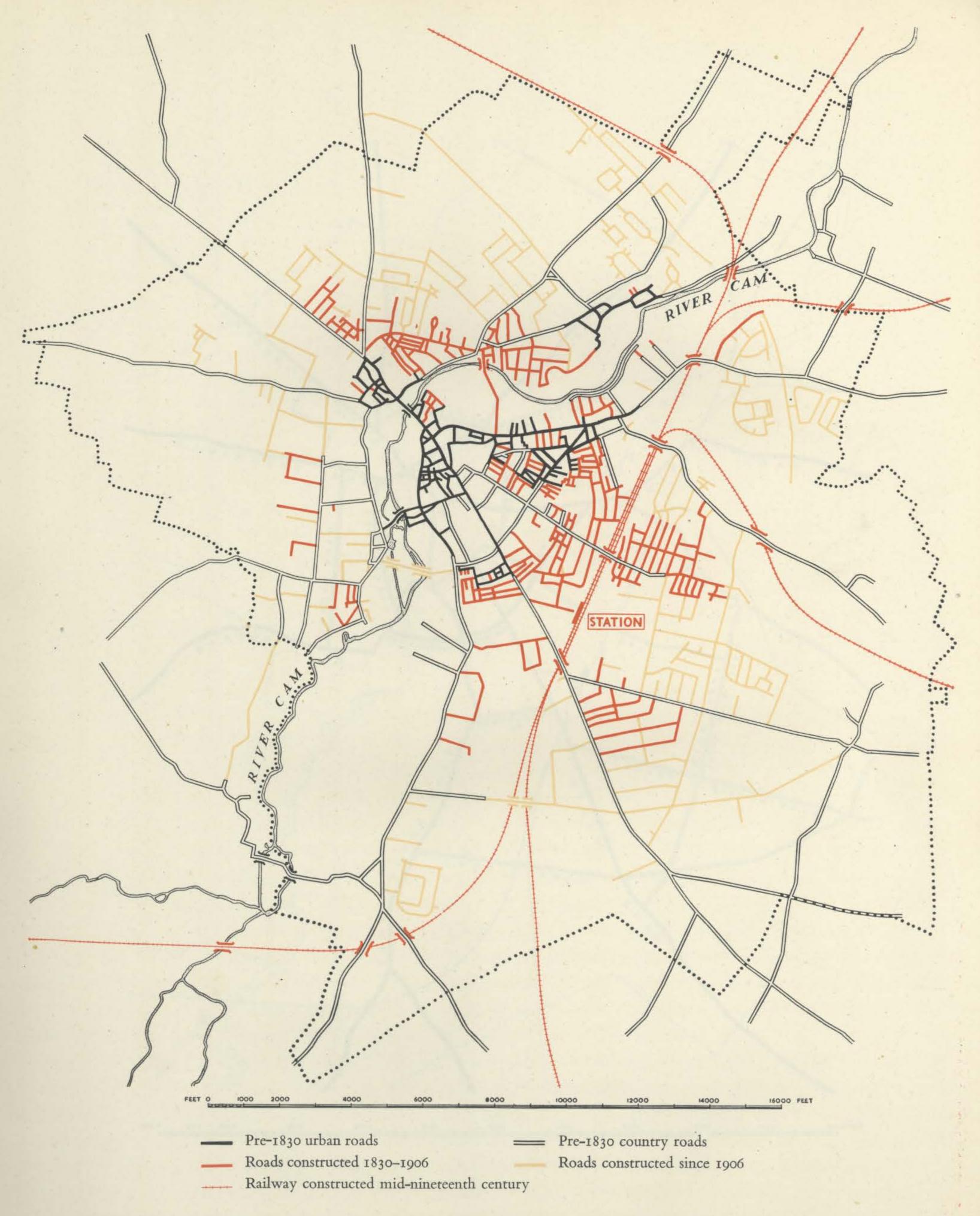
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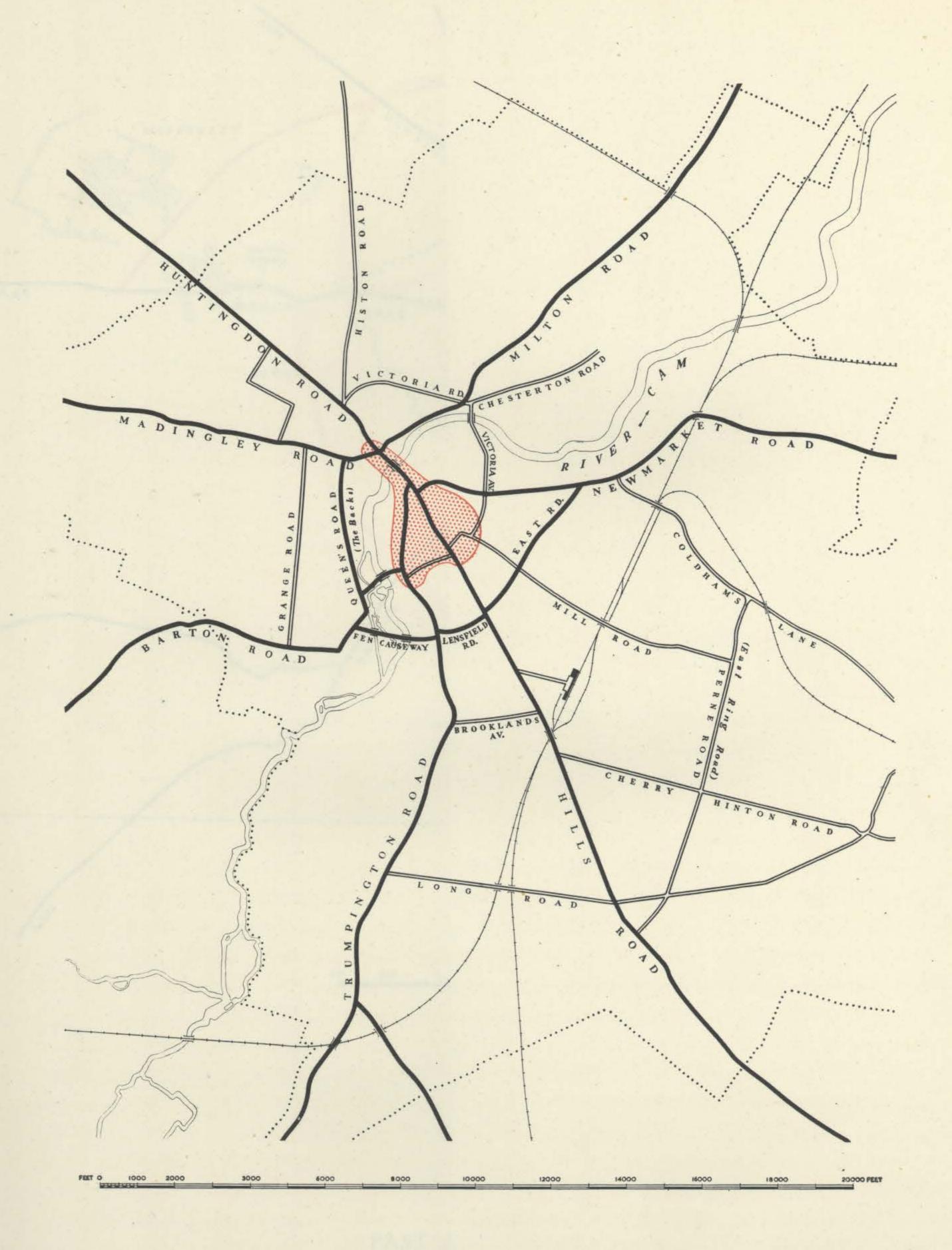
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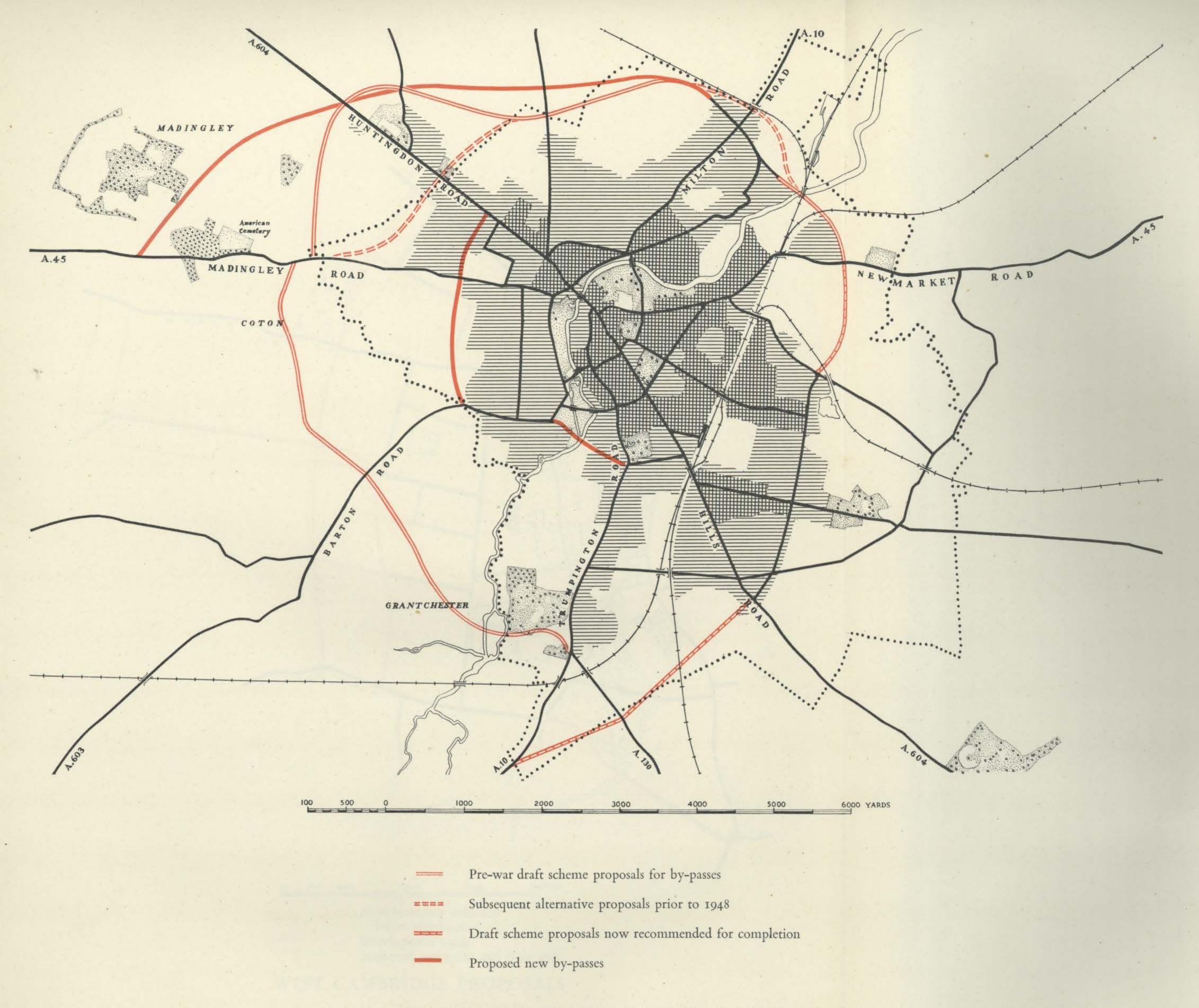
URBAN CAMBRIDGE, BOROUGH BOUNDARY AND BUILT-UP AREA



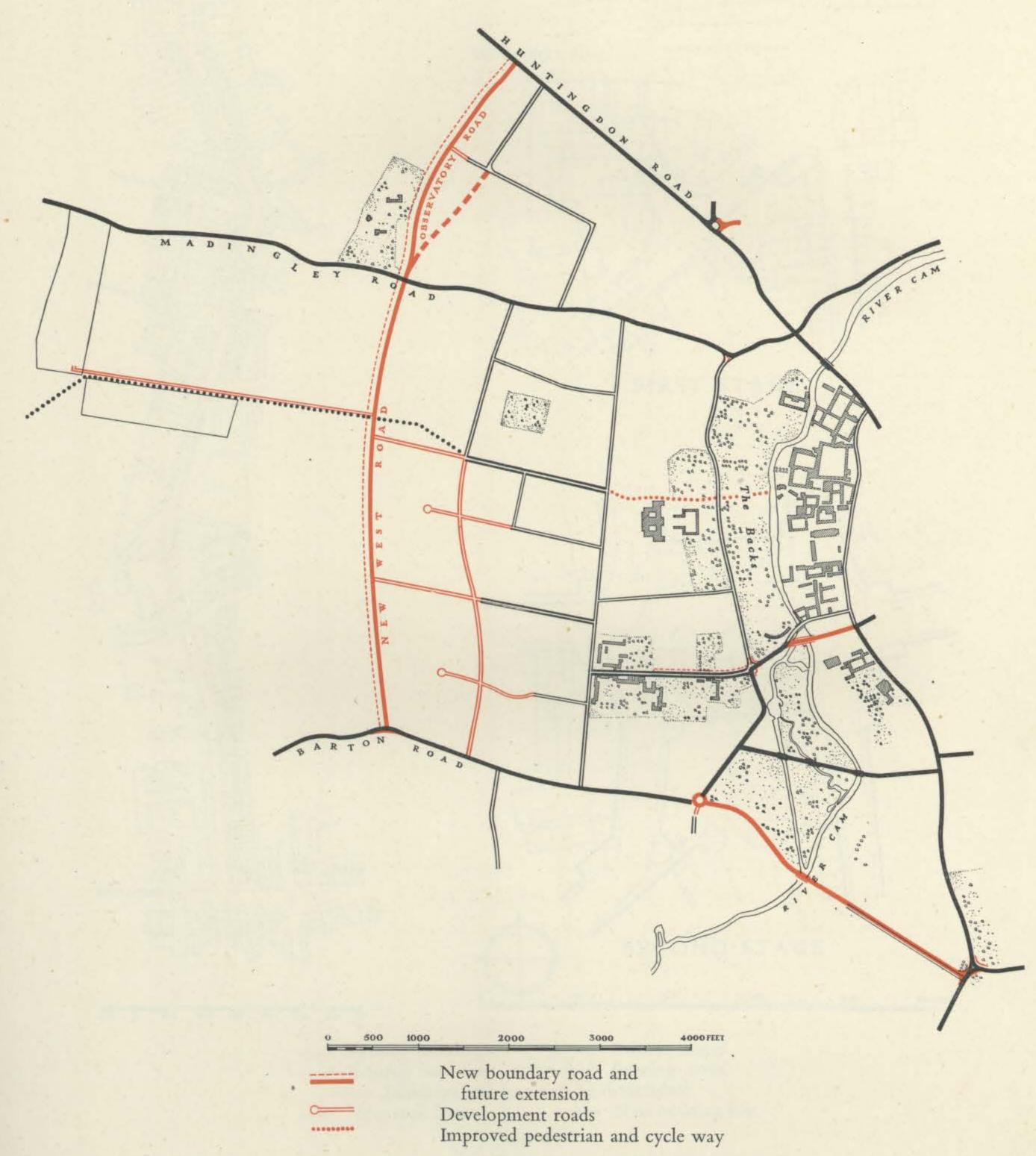
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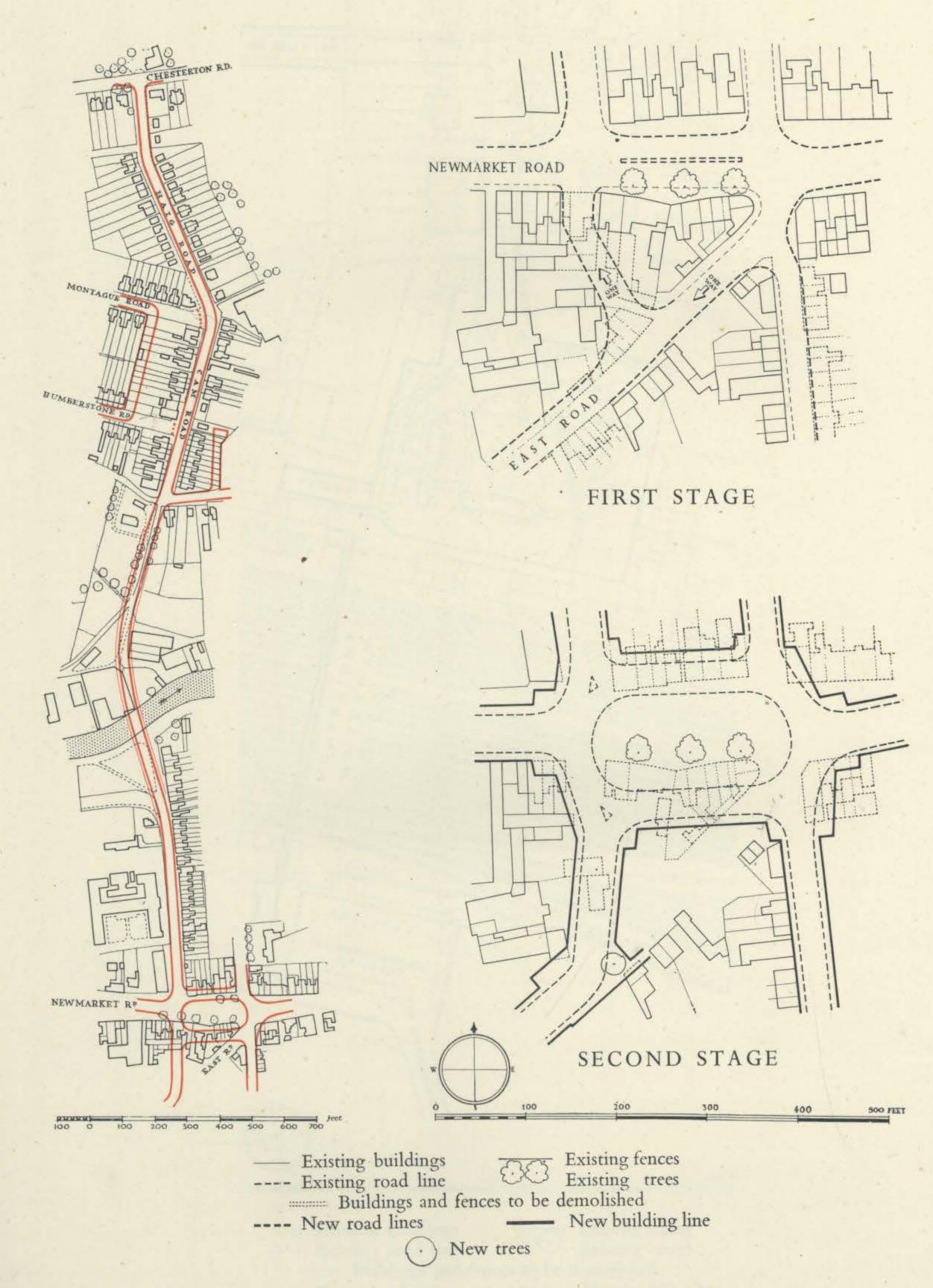
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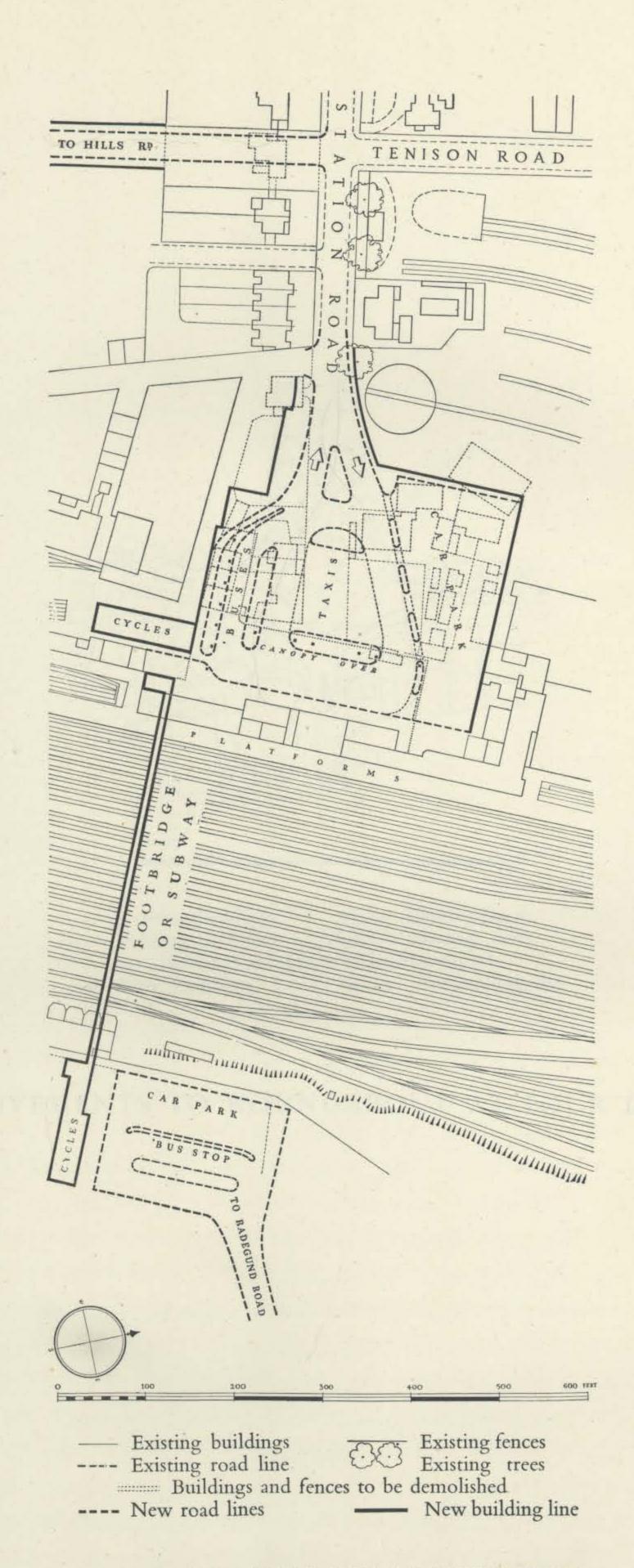
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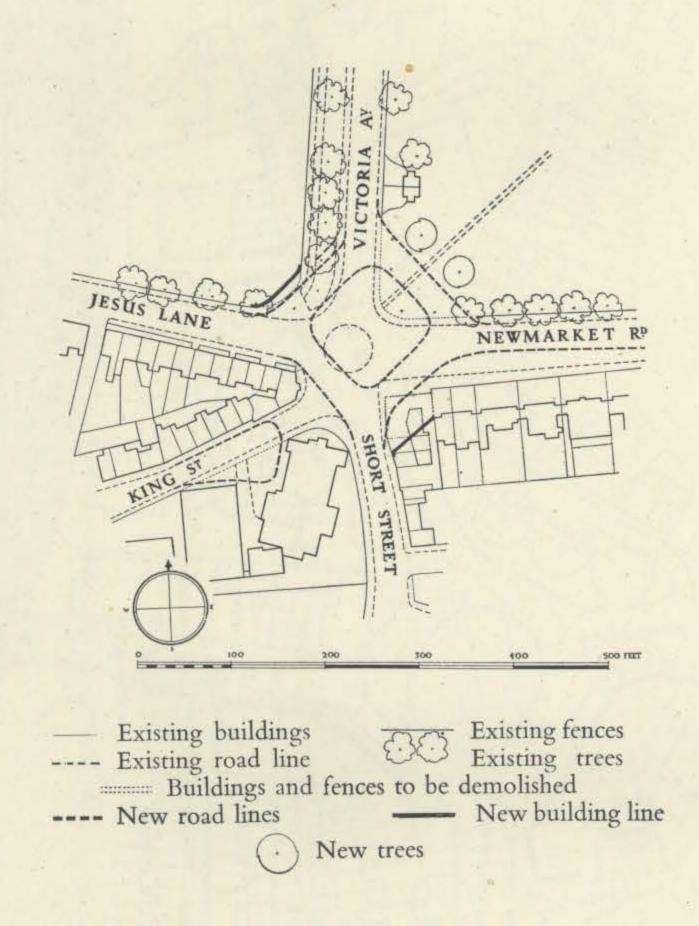
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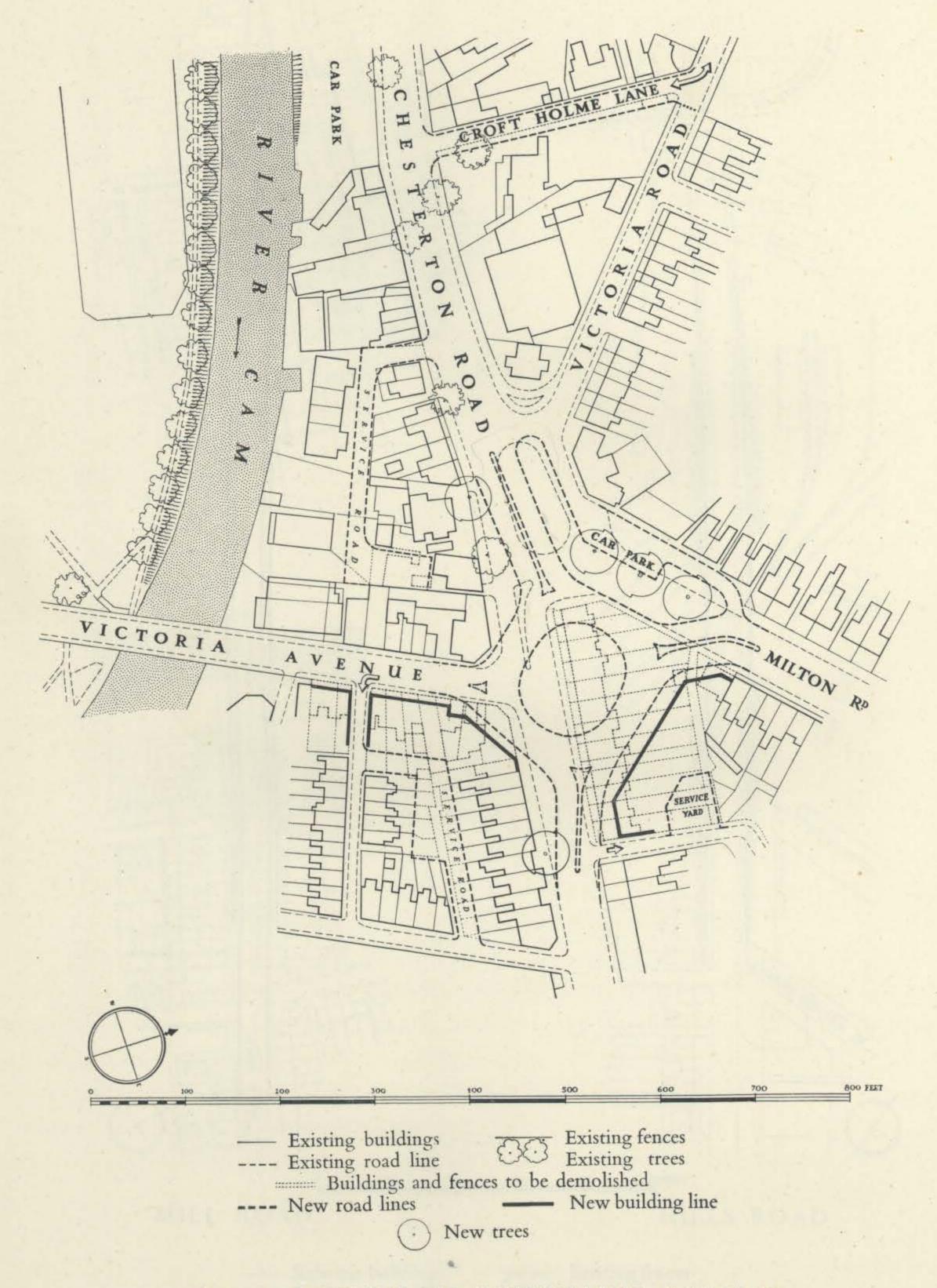
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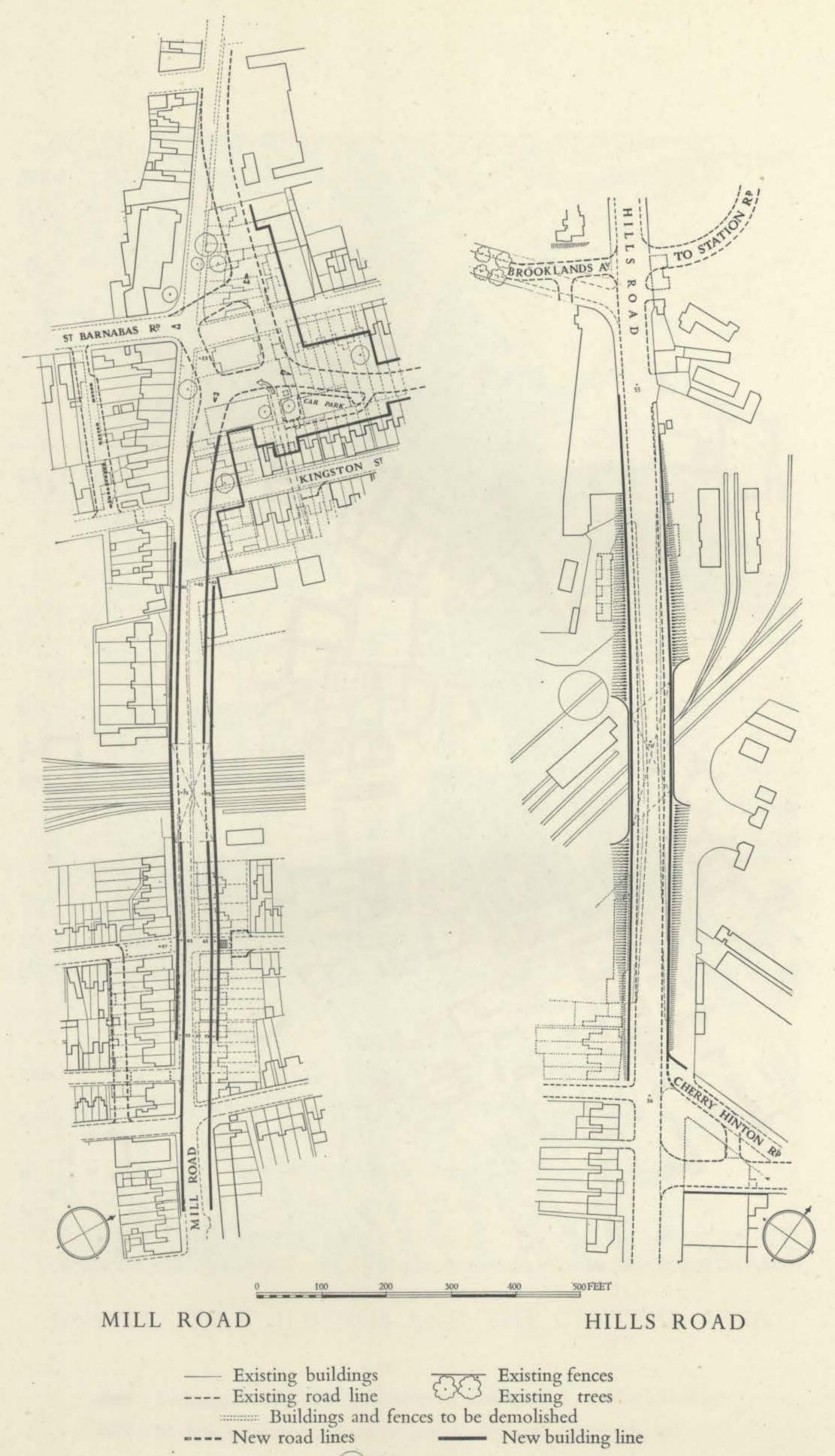
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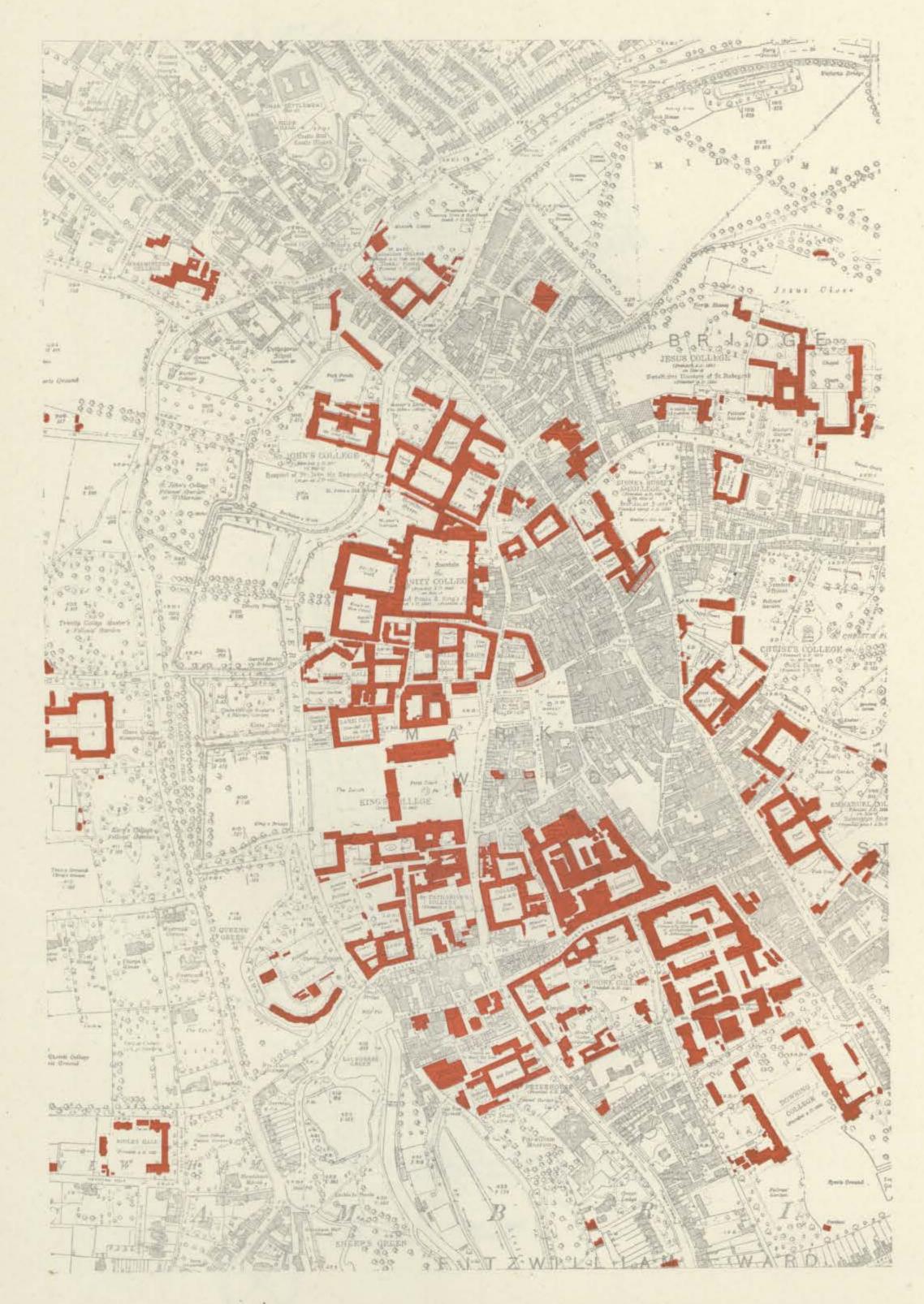
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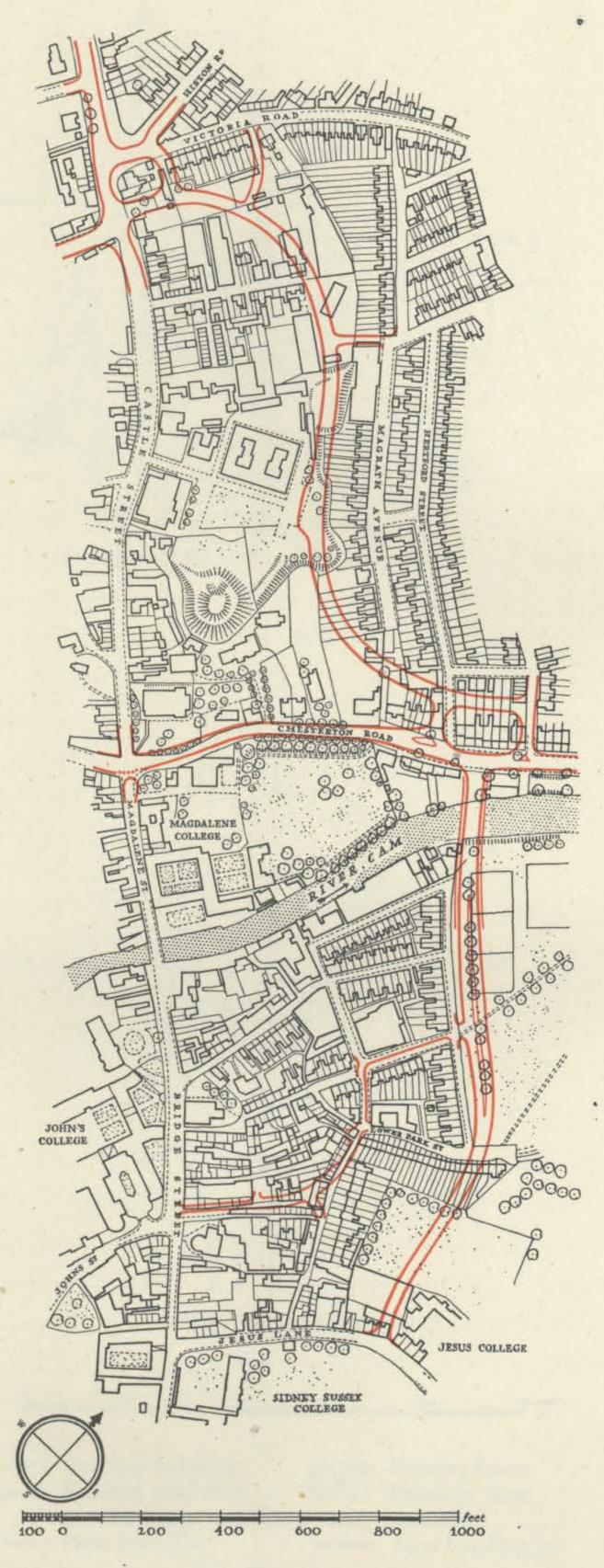
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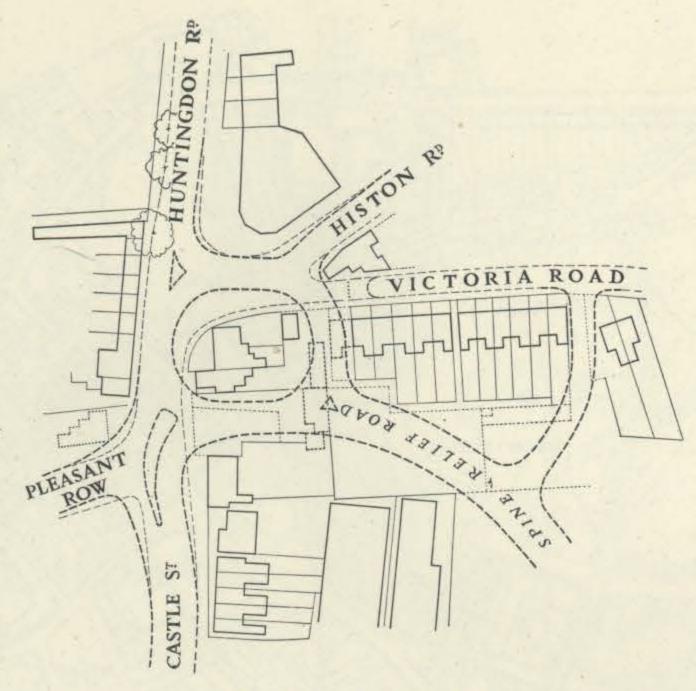
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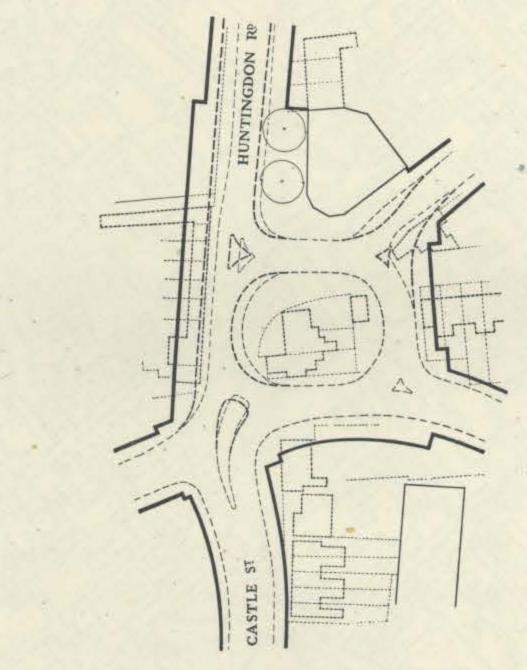
Modern buildings designed for joint College and commercial use



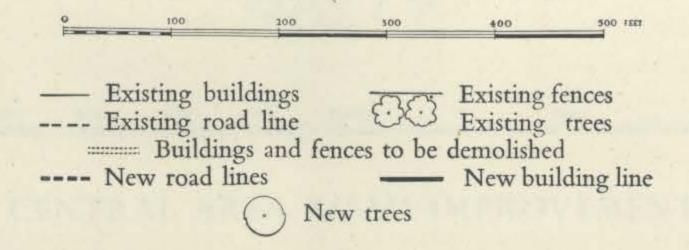
SPINE RELIEF ROAD—NORTHERN PORTION— HISTON ROAD CORNER TO JESUS LANE



FIRST STAGE



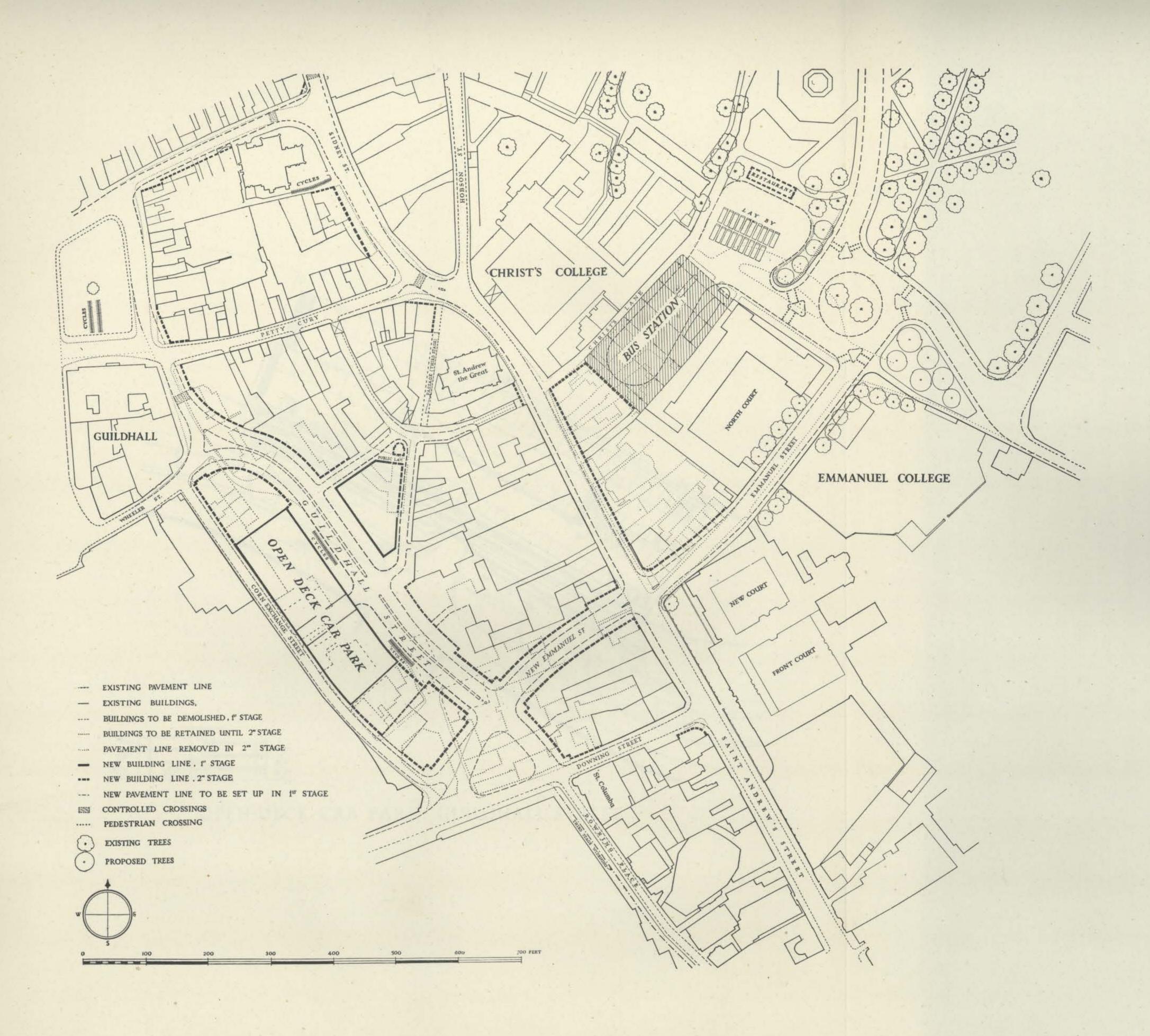
SECOND STAGE

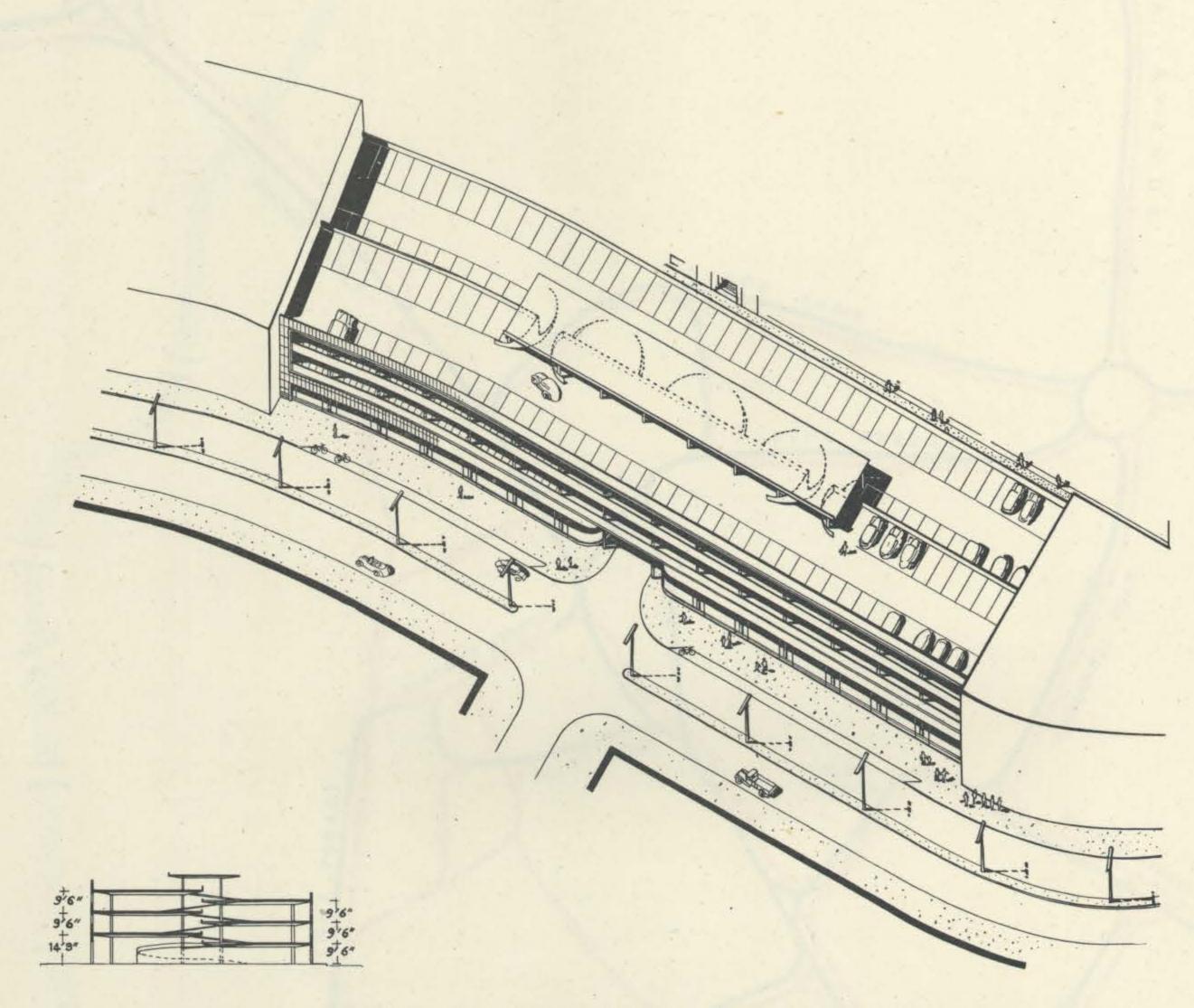


NEW ROUNDABOUT HISTON ROAD CORNER

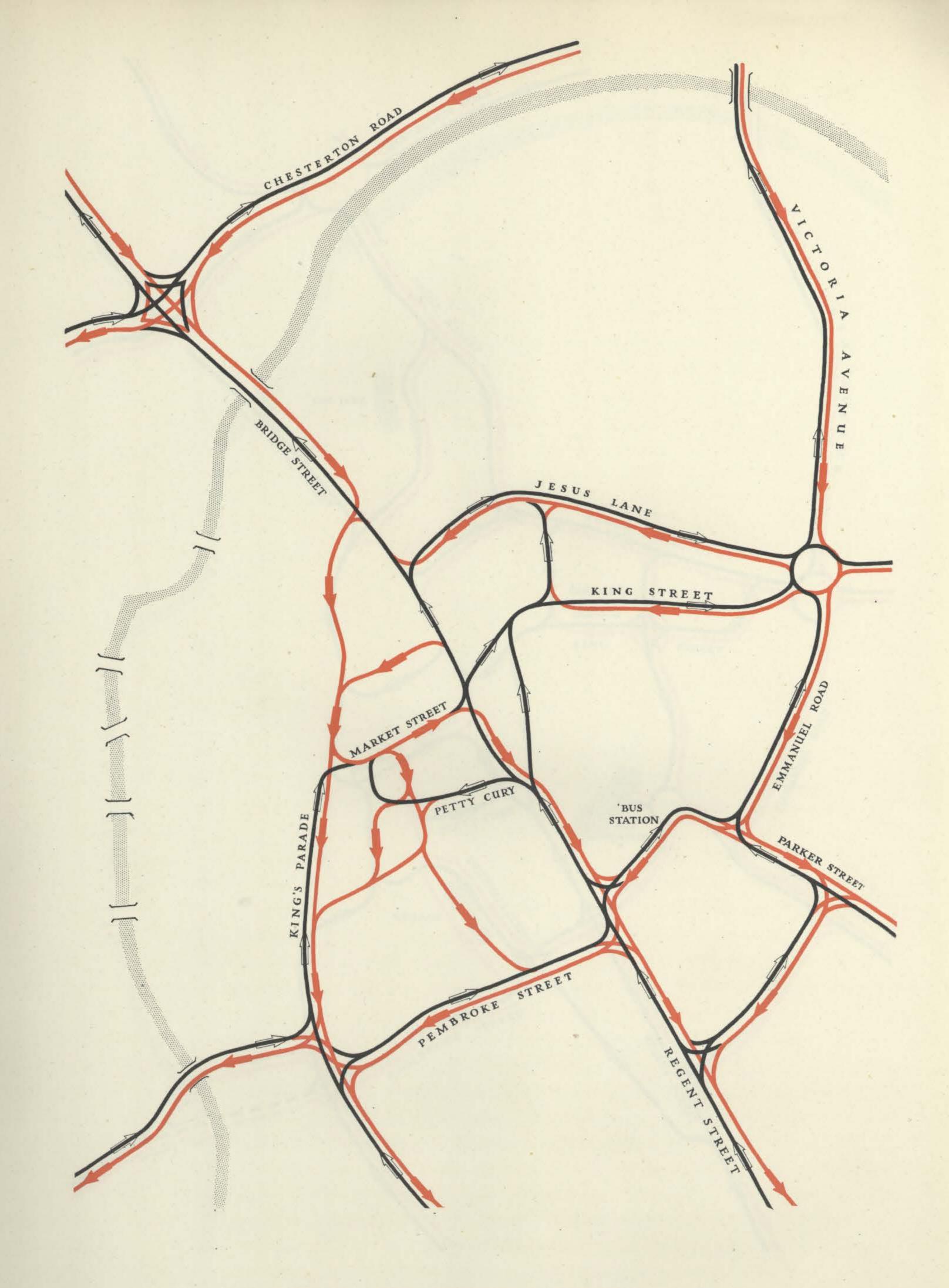


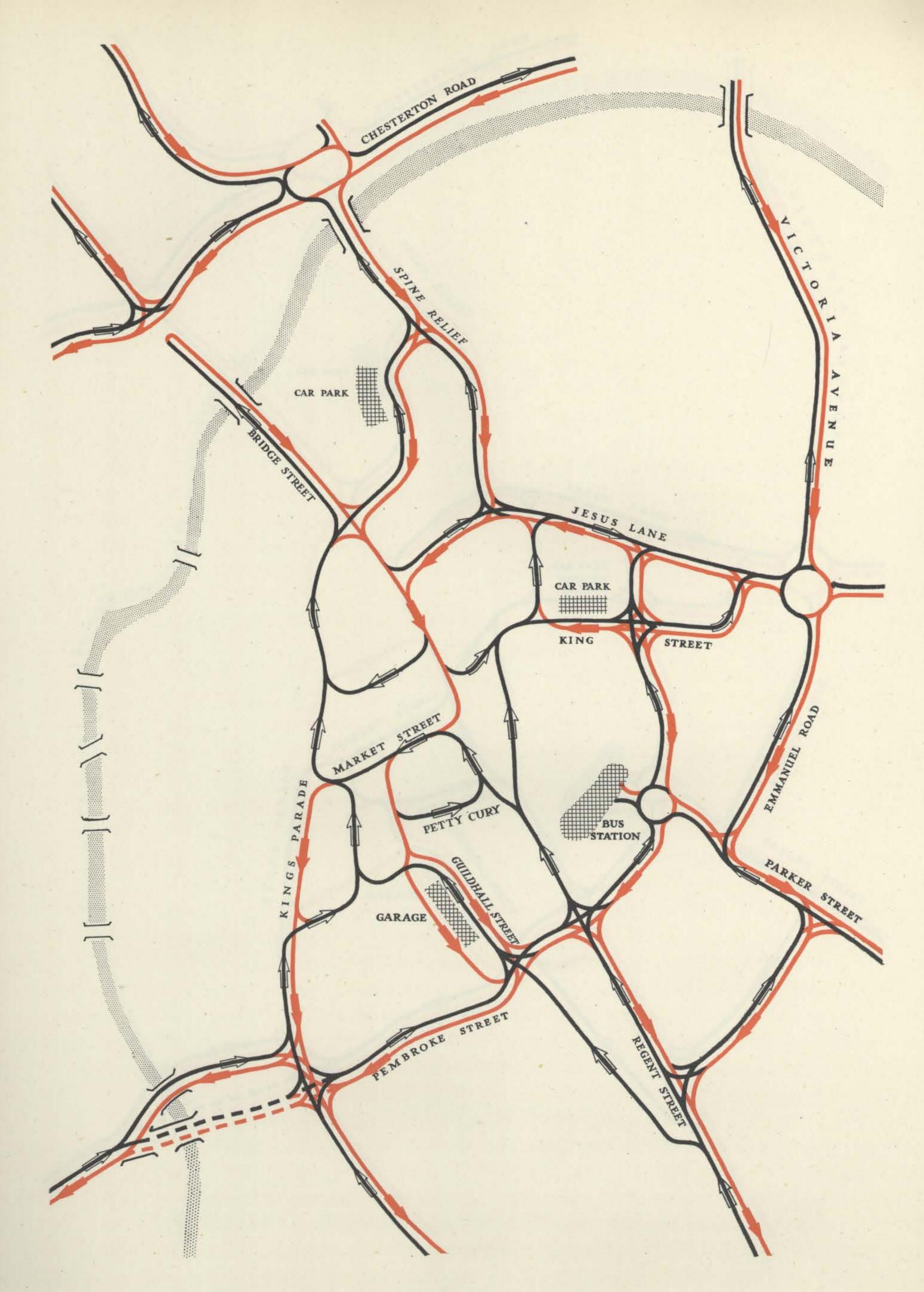
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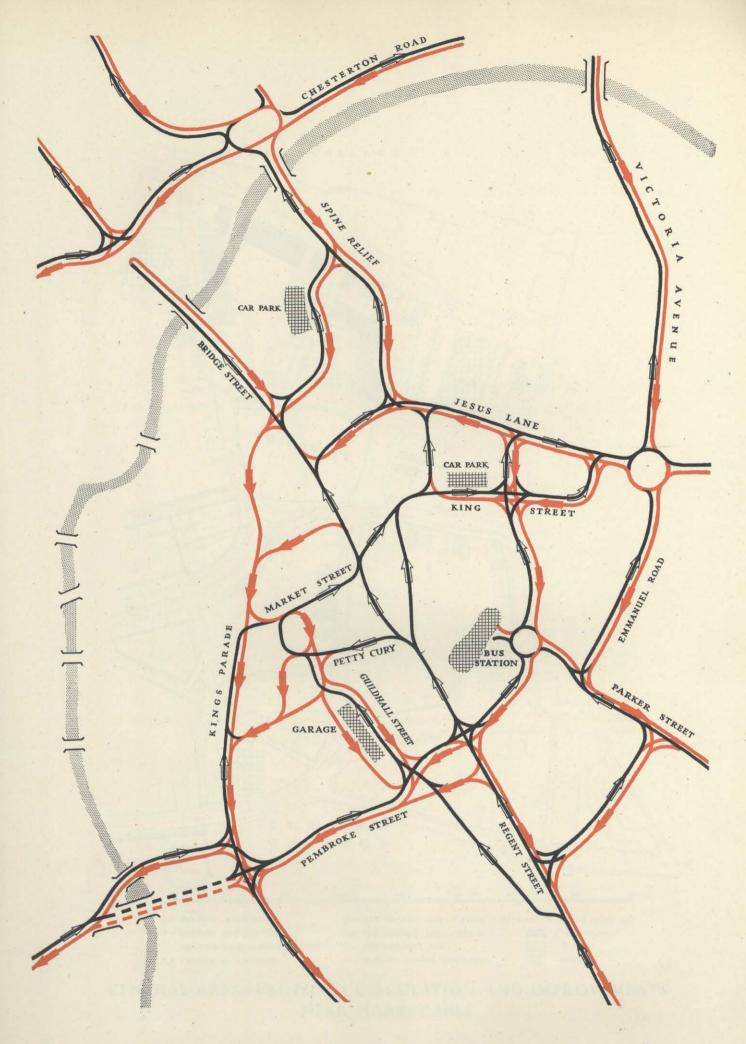




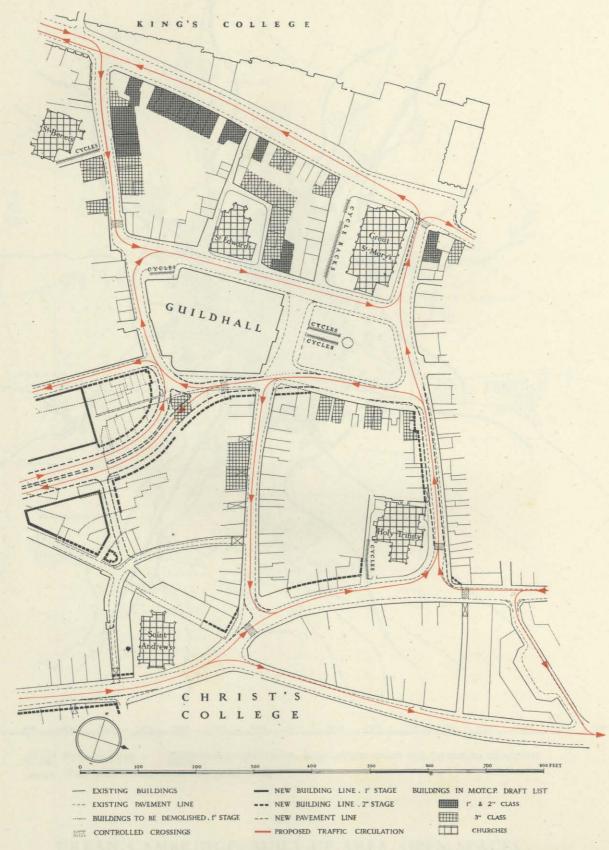
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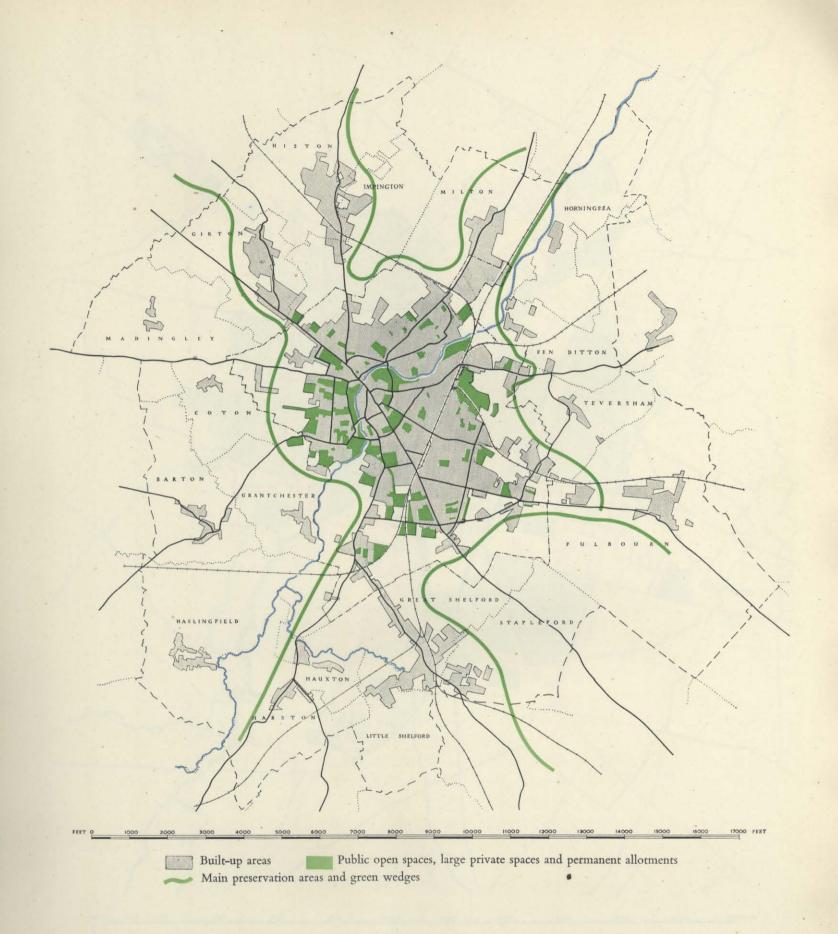




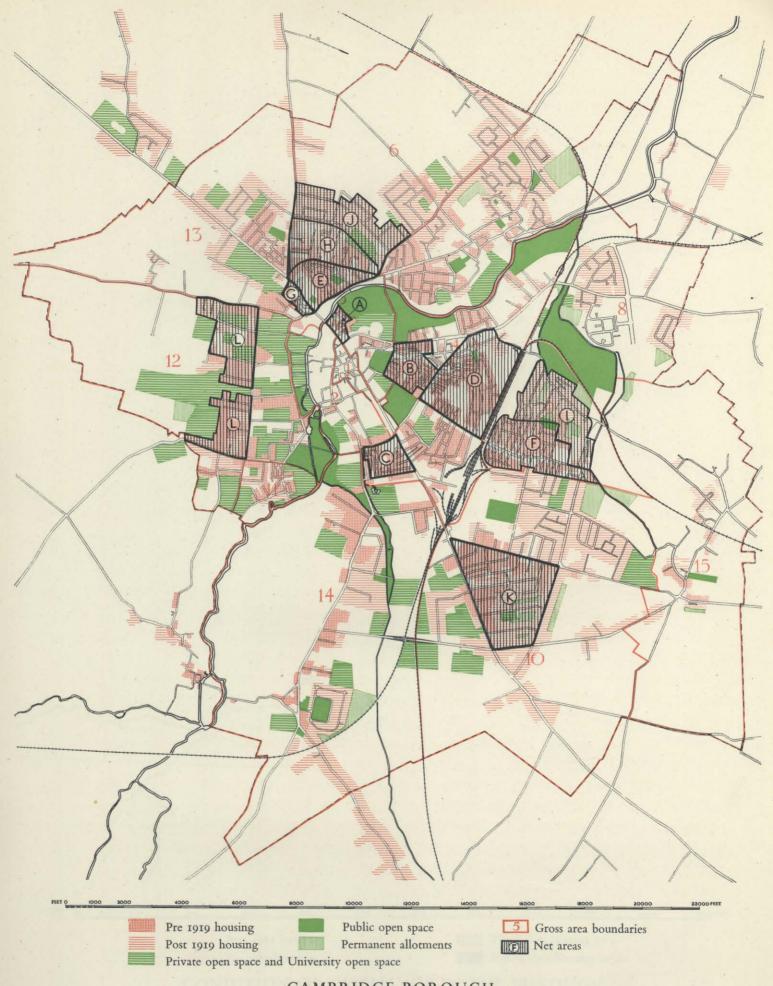
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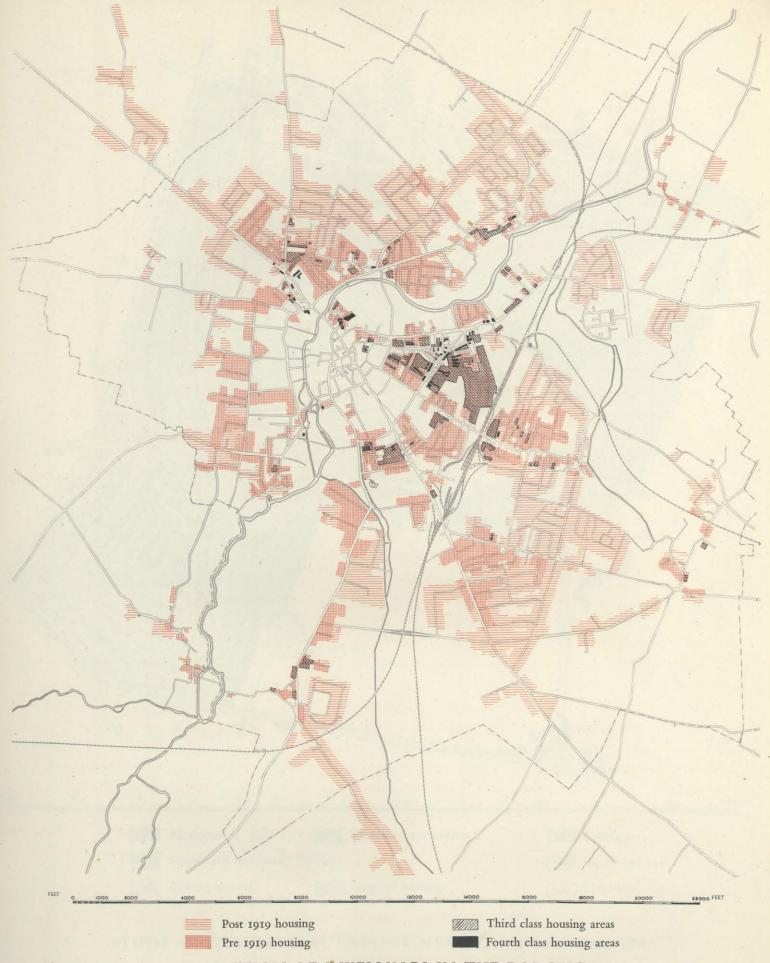
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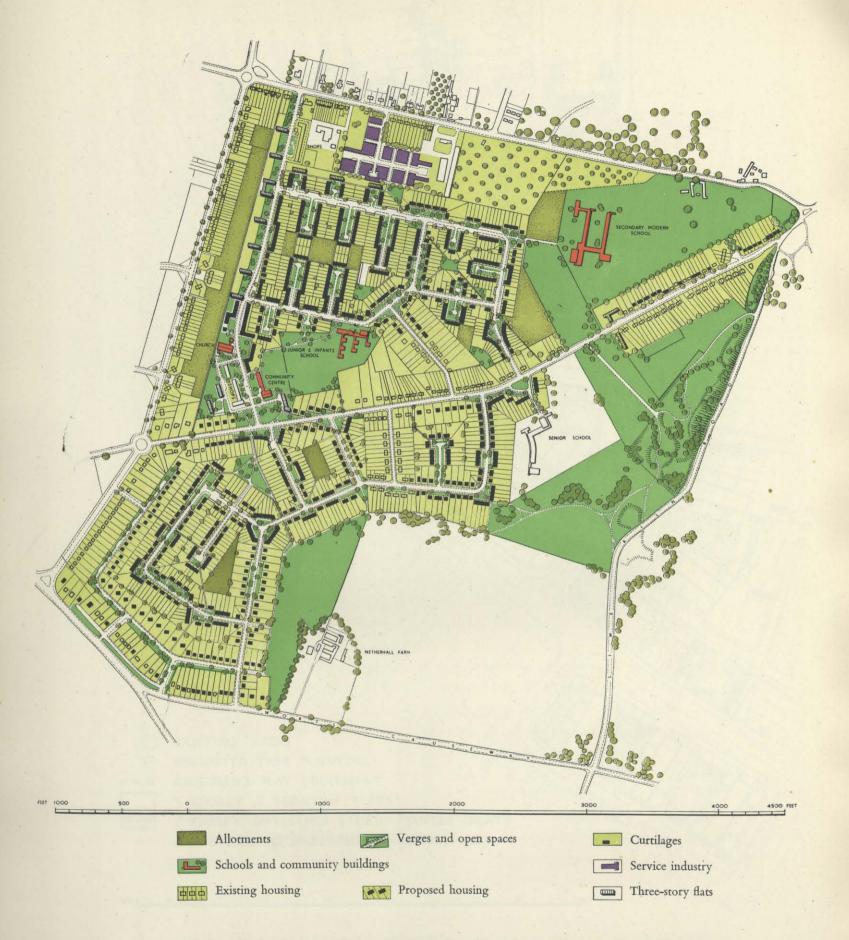
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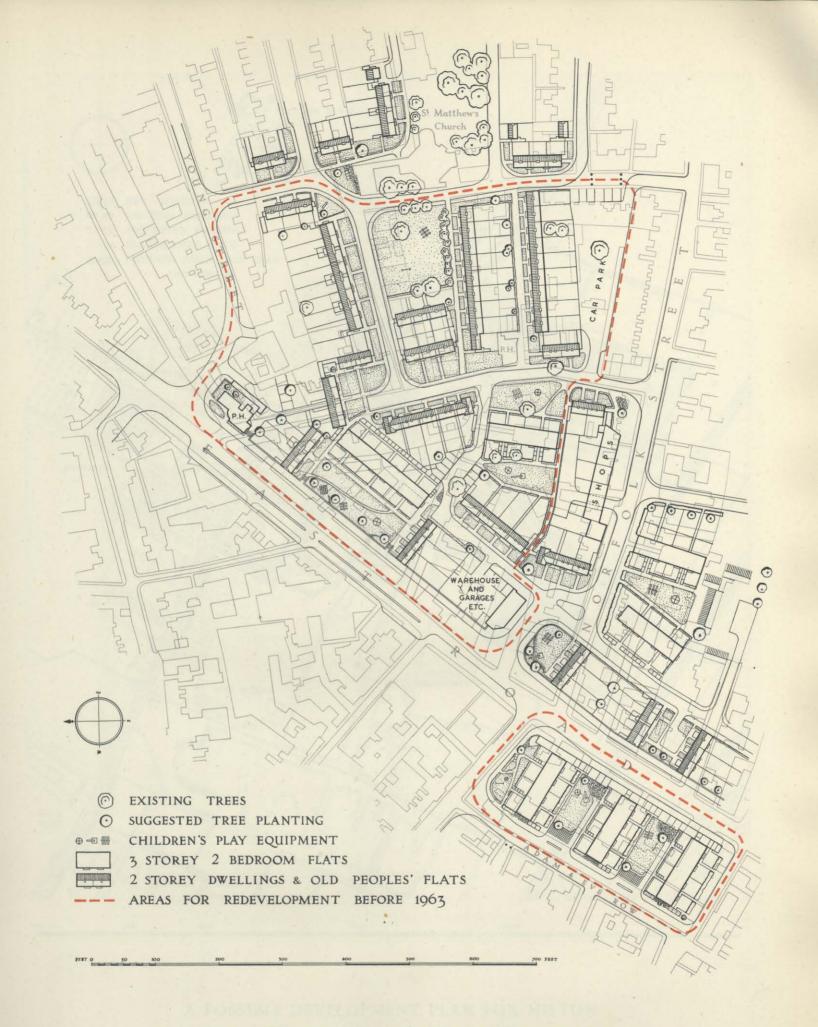
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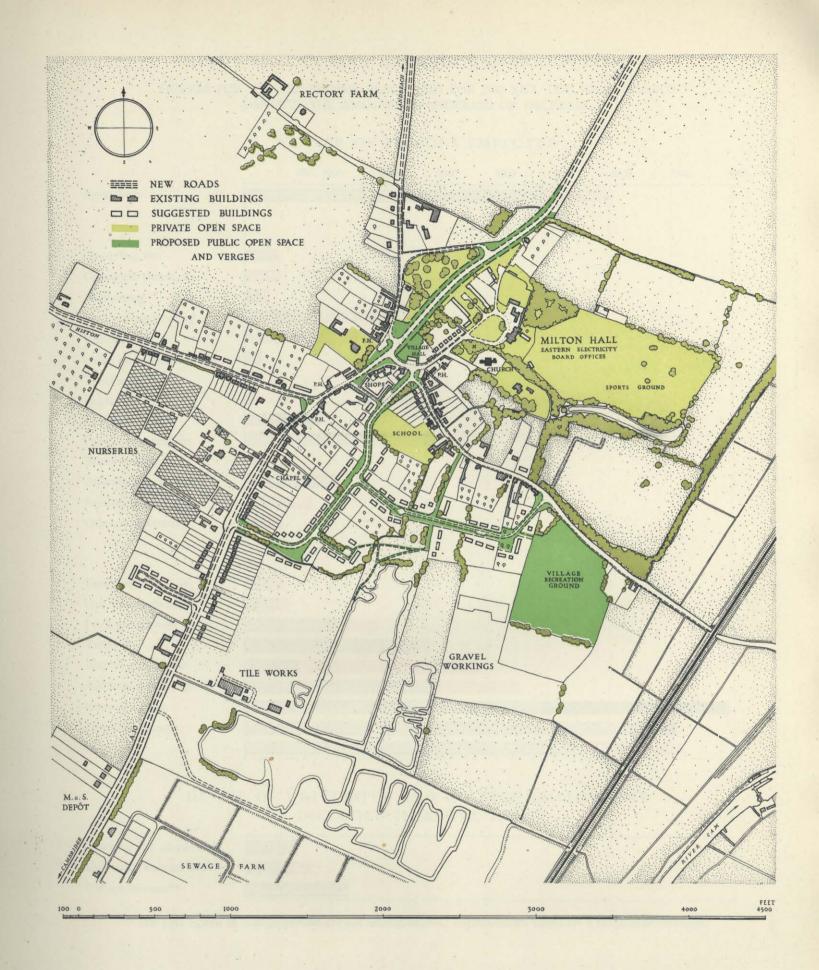
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EAST ROAD AREA: SUGGESTED RE-DEVELOPMENT BEFORE 1963

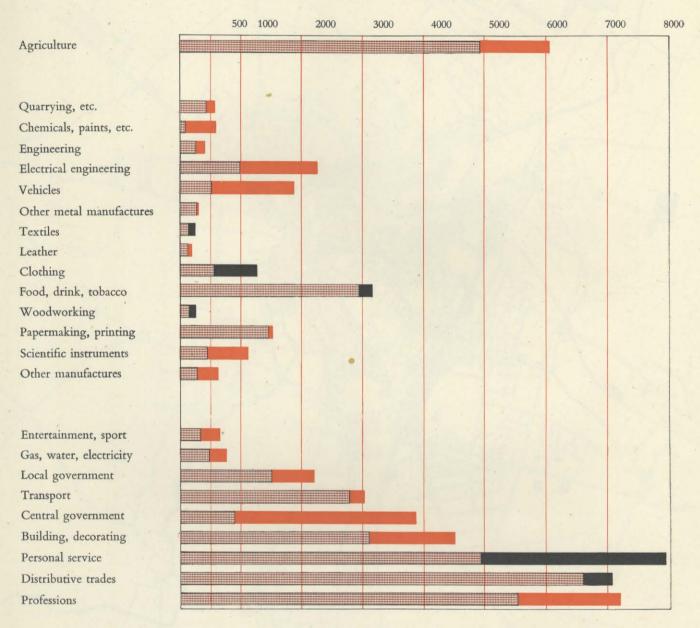


A POSSIBLE DEVELOPMENT PLAN FOR MILTON

EMPLOYMENT IN AND AROUND CAMBRIDGE 1931-1948

FIGURES FOR 1931 ARE SHOWN BLACK AND FOR 1948 RED. THE SOLID COLOUR DENOTES THE AMOUNT OF INCREASE OR DECREASE

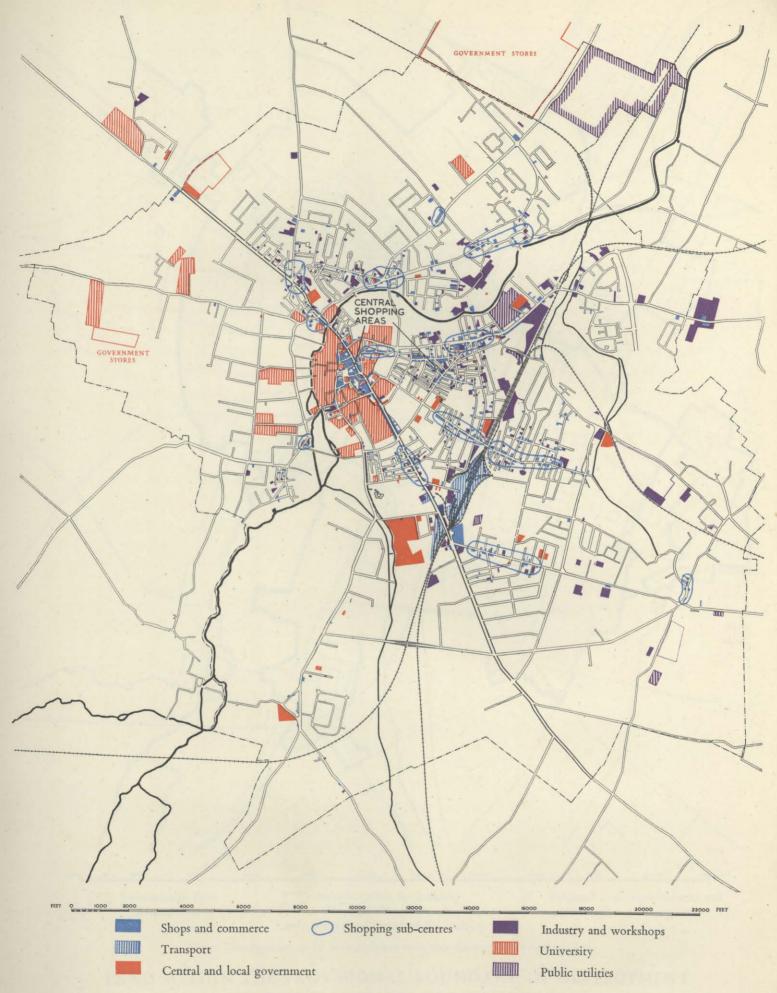
NUMBER OF PERSONS EMPLOYED



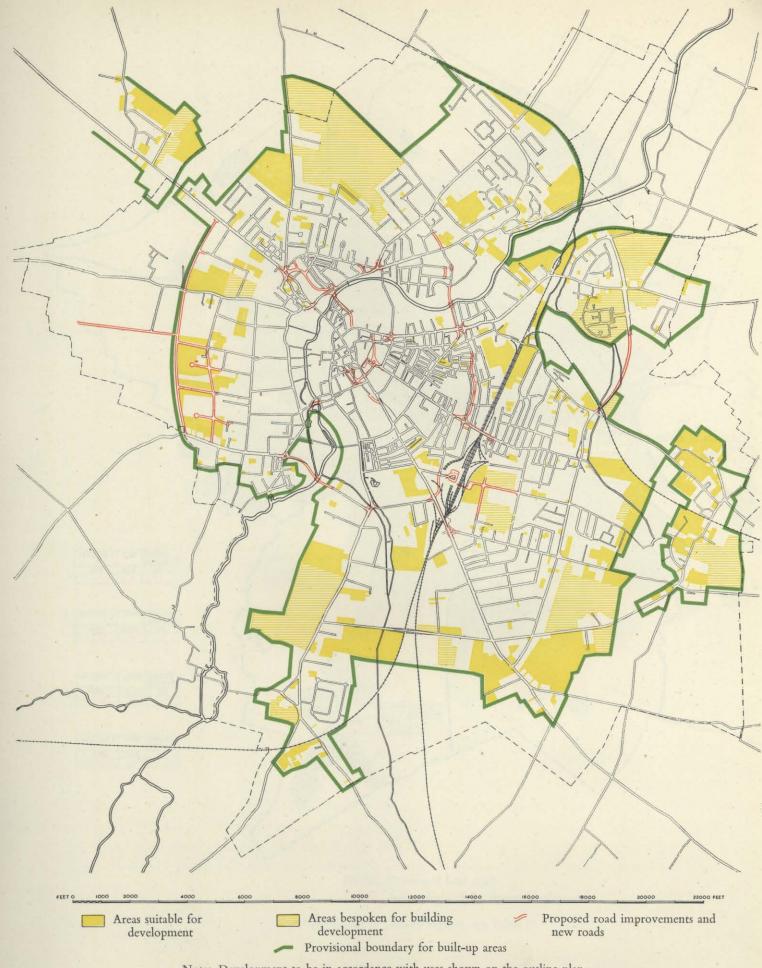
DETAIL OF UNIVERSITY AND COLLEGE EMPLOYMENT INCLUDED IN ABOVE TABLE



^{*} The 1931 figures of college servants are not exactly known. Figures shown above are a rough approximation.

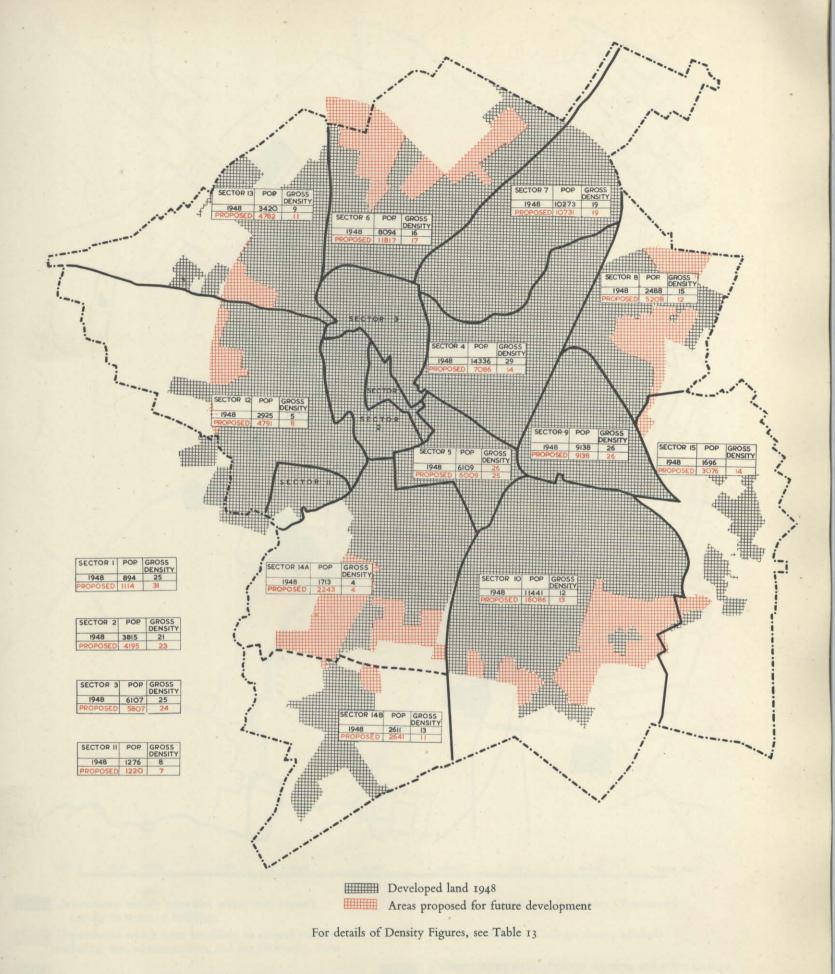


PLACES OF EMPLOYMENT IN THE BOROUGH

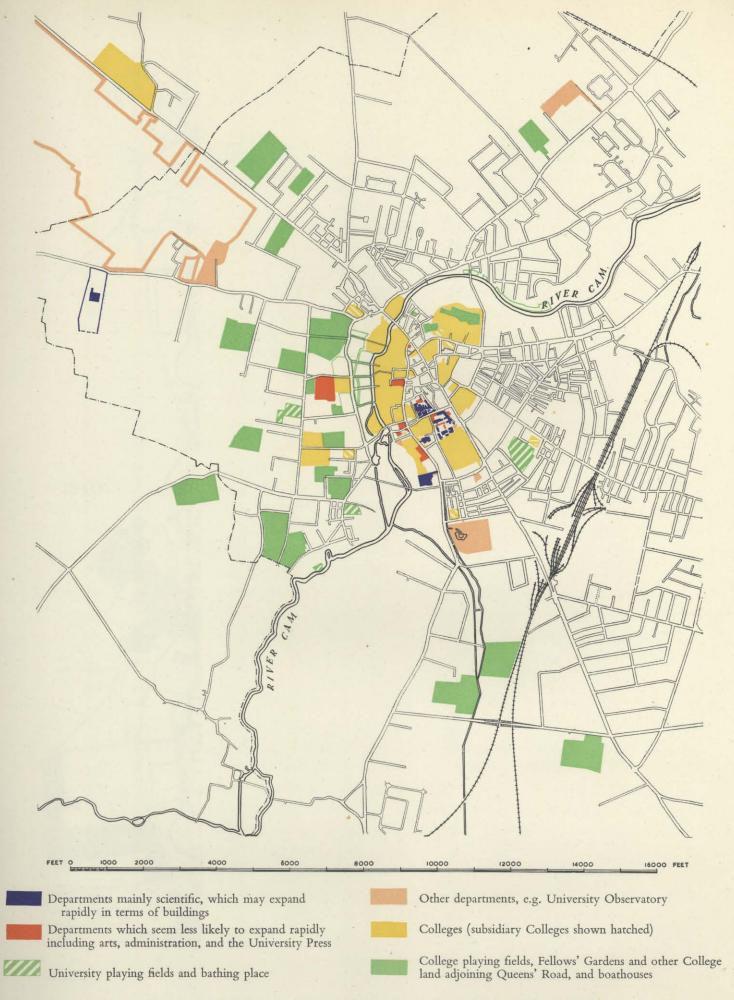


Note: Development to be in accordance with uses shown on the outline plan

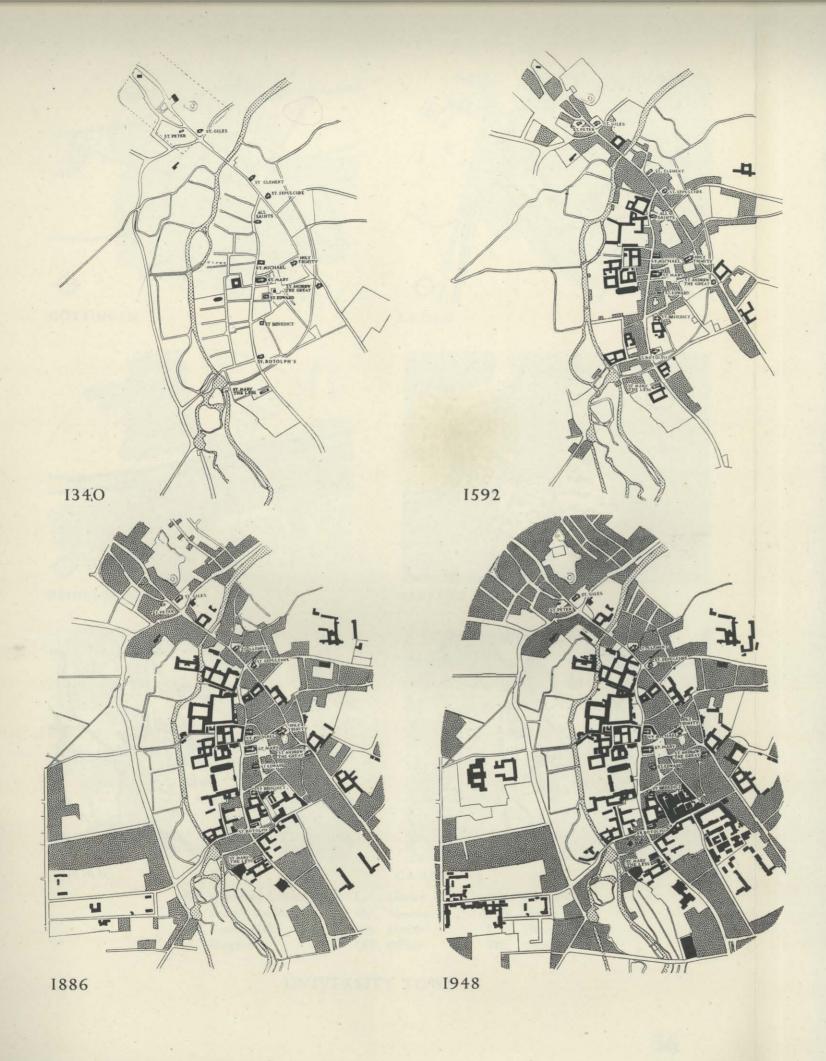
LAND WITHIN THE PROVISIONAL BOUNDARY OF DEVELOPMENT WHICH IS SUITABLE FOR BUILDING

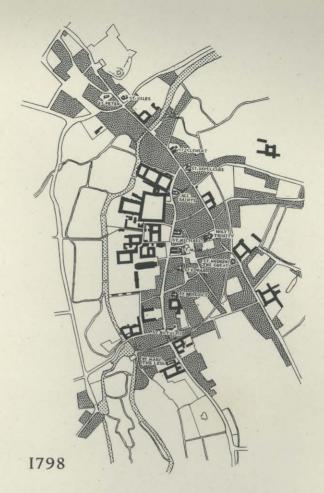


CAMBRIDGE BOROUGH FUTURE POPULATION DISTRIBUTION AND DENSITY



LAND AND BUILDINGS IN USE BY THE UNIVERSITY





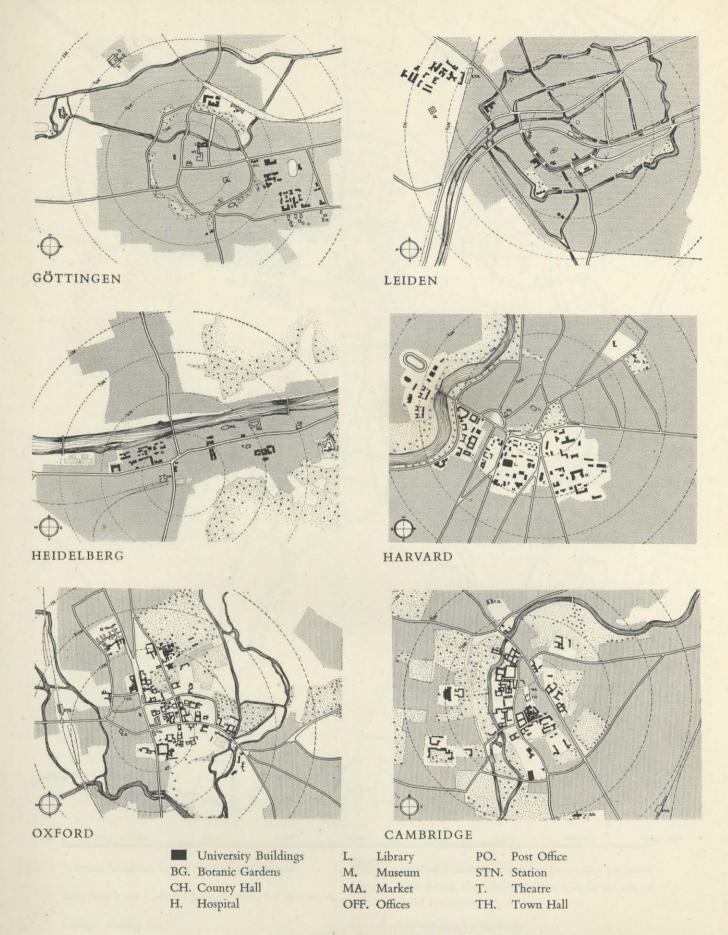
NOTES

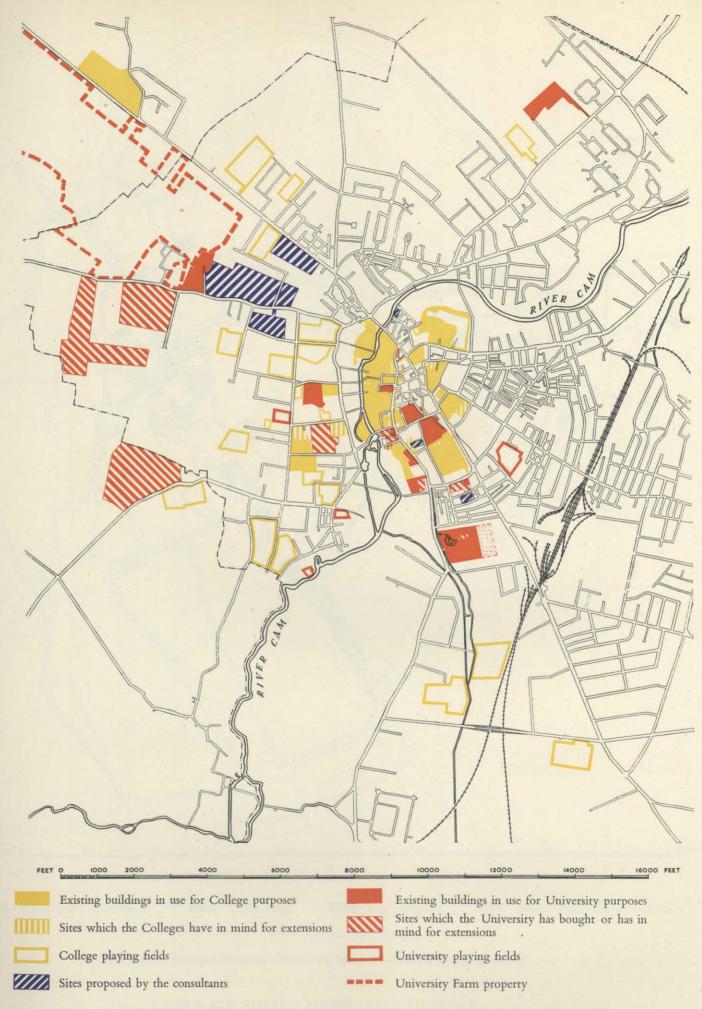
- 1340 from sketch plan by Professor R. Willis, M.A., F.R.S.

- 1592 from plan by John Hamond.
 1798 from plan by William Custance.
 1886 from Ordnance Survey Sheet 1888 Edition.
 1948 from Ordnance Survey Sheet 1927 Edition Revised.

Maps are based on Old Plans of Cambridge, 1574–1798, by J. Willis Clark and Arthur Gray, and also on the Ordnance Survey Sheets.

THE GROWTH OF THE CENTRAL AREA



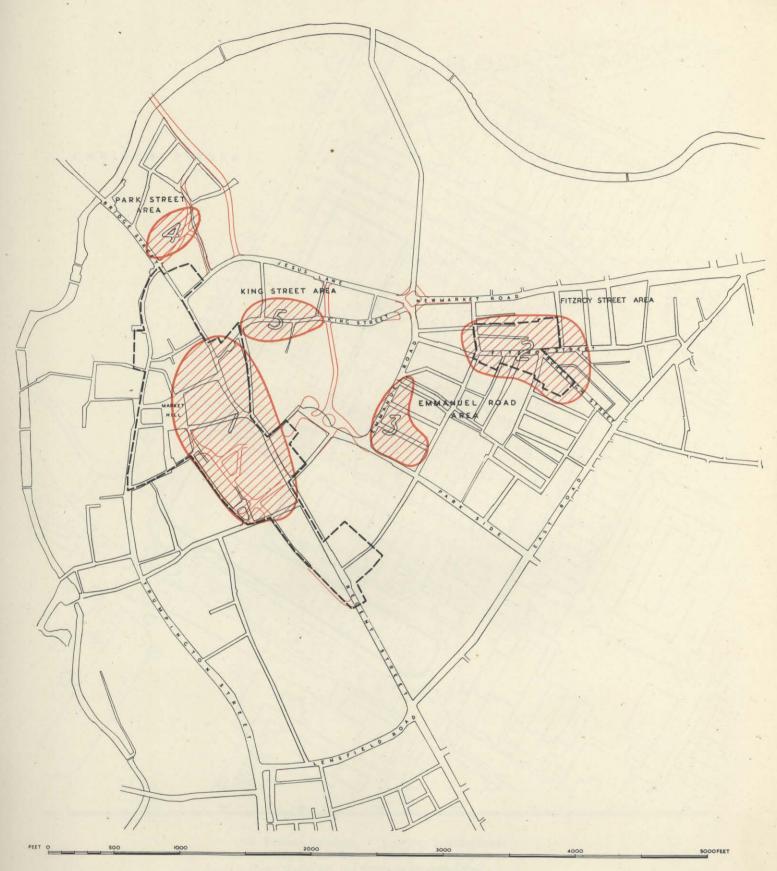


POSSIBLE SITES FOR UNIVERSITY AND COLLEGE EXTENSIONS



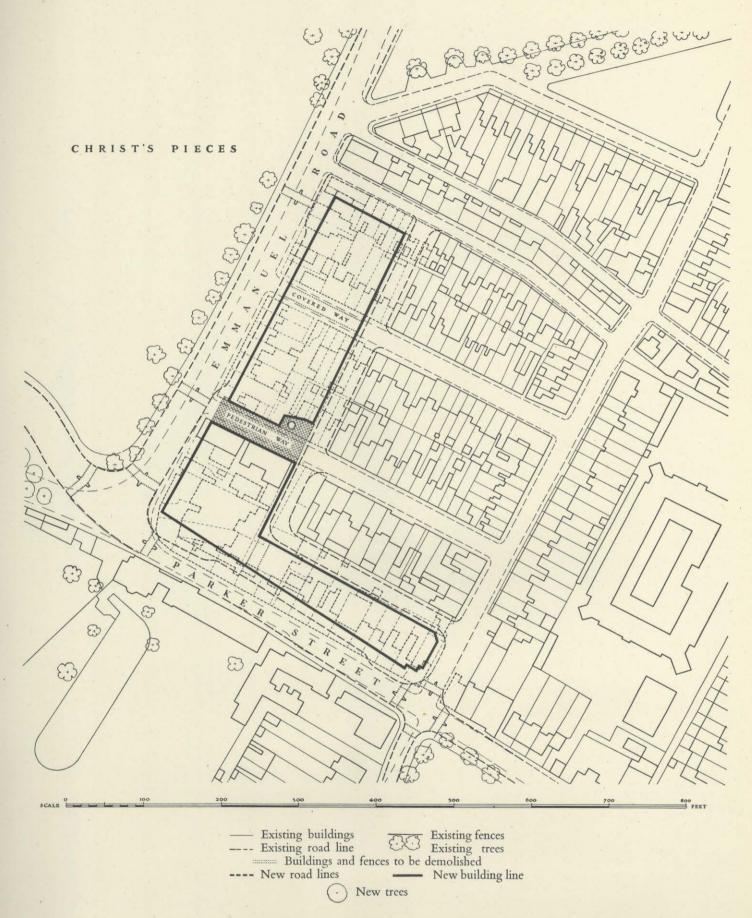
1 A and 2 A Principal shopping centres. 1 B and 2 B Subsidiary shopping centres

TYPES OF SHOPS NEAR THE CENTRE

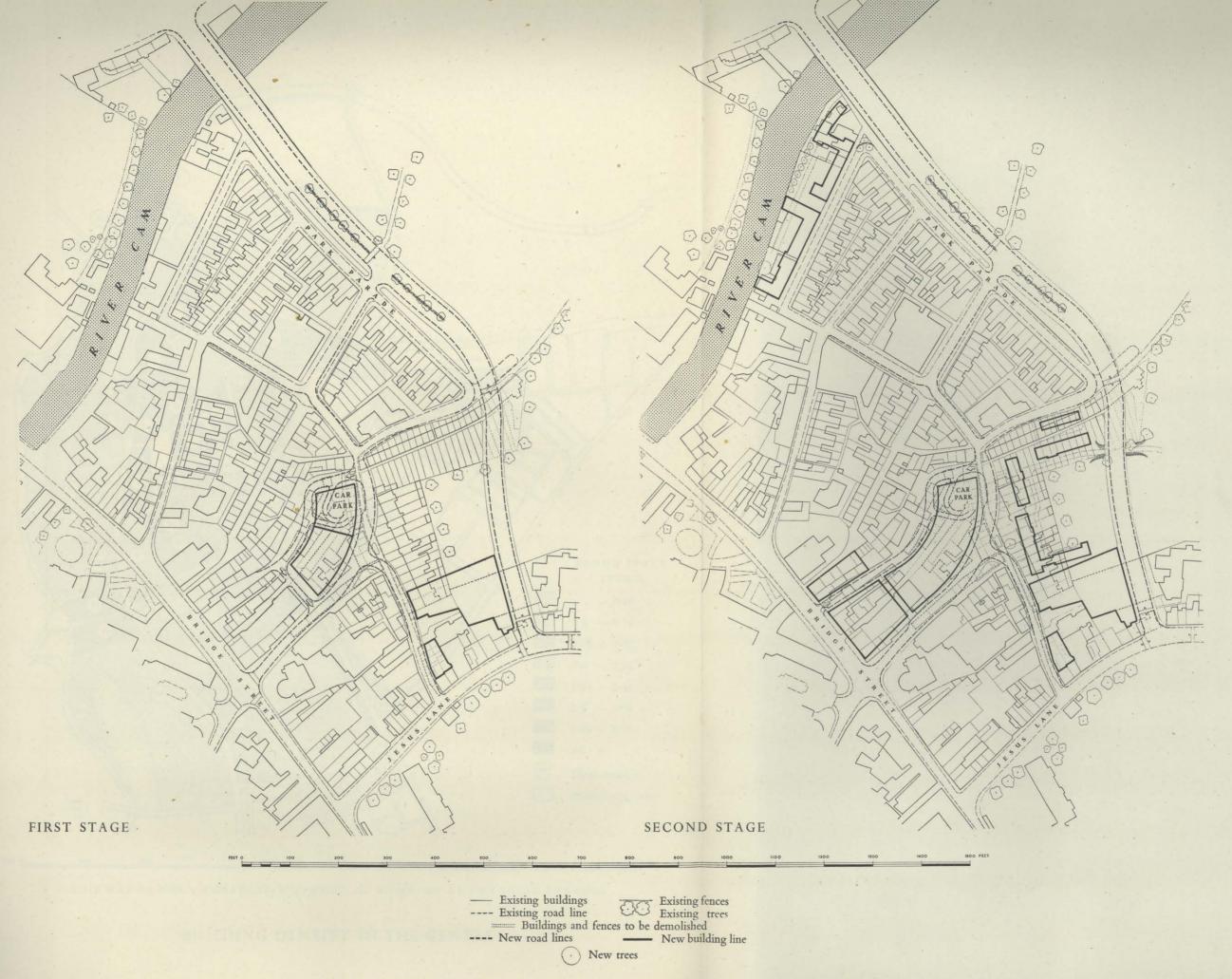


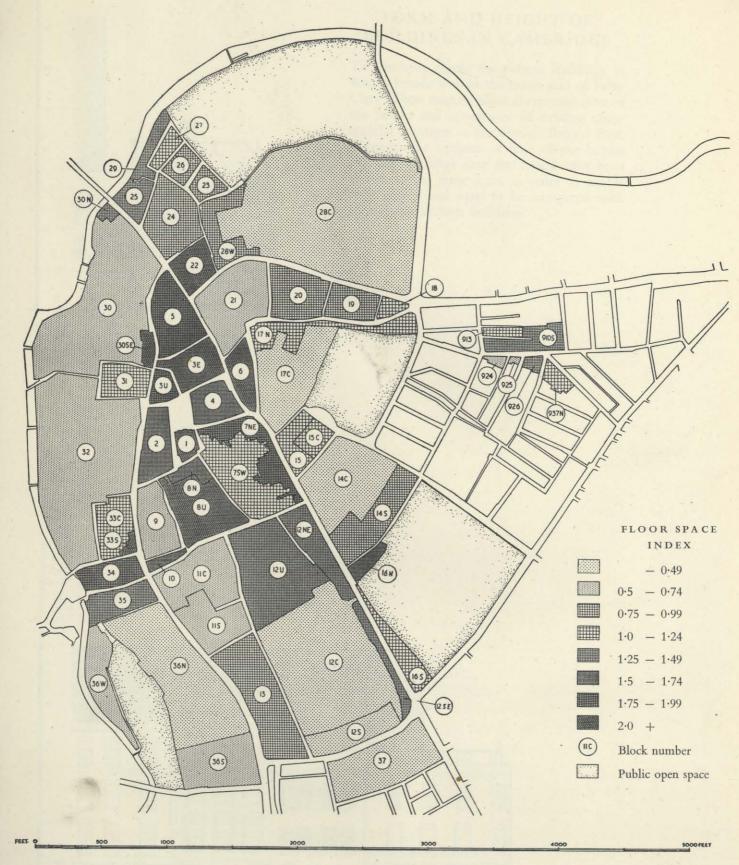
Principal existing shopping centres outlined in a broken black line Main road proposals outlined in red

POSSIBLE SITES FOR NEW CENTRAL SHOPS



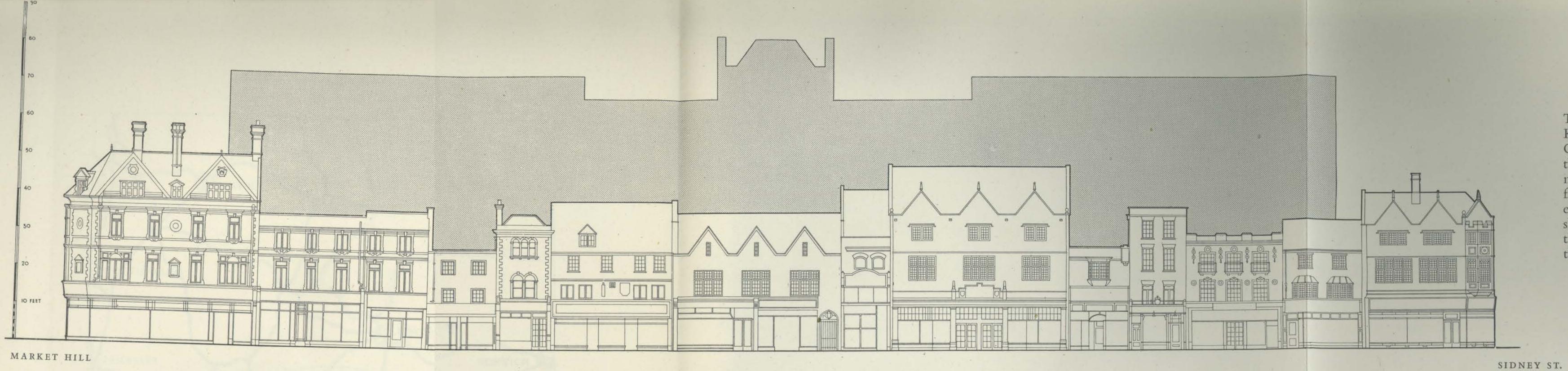
A STUDY OF REDEVELOPMENT NEAR EMMANUEL ROAD





THIS MAP SHOWS COMPARATIVE DENSITY OF BUILDING BY GRADATED SHADING

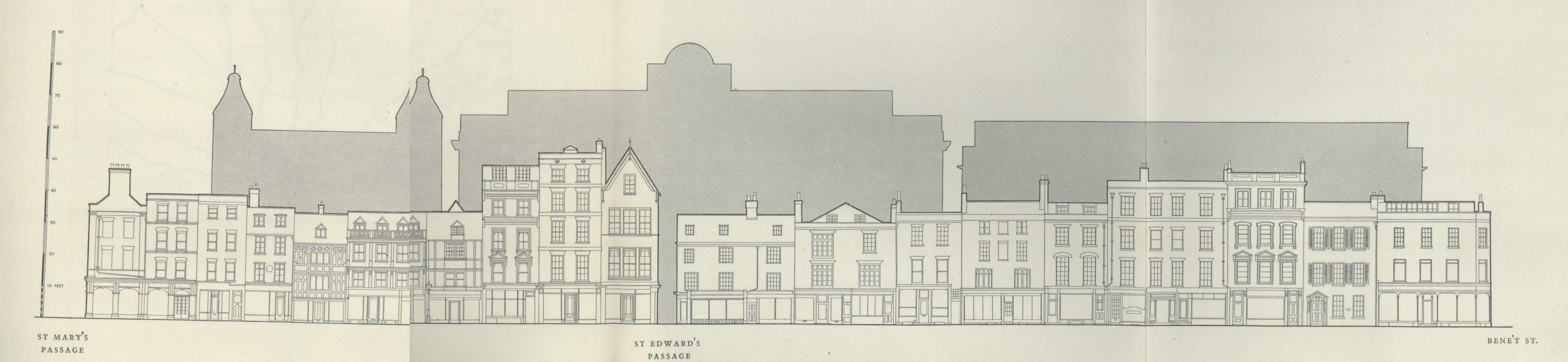
BUILDING DENSITY IN THE CENTRE



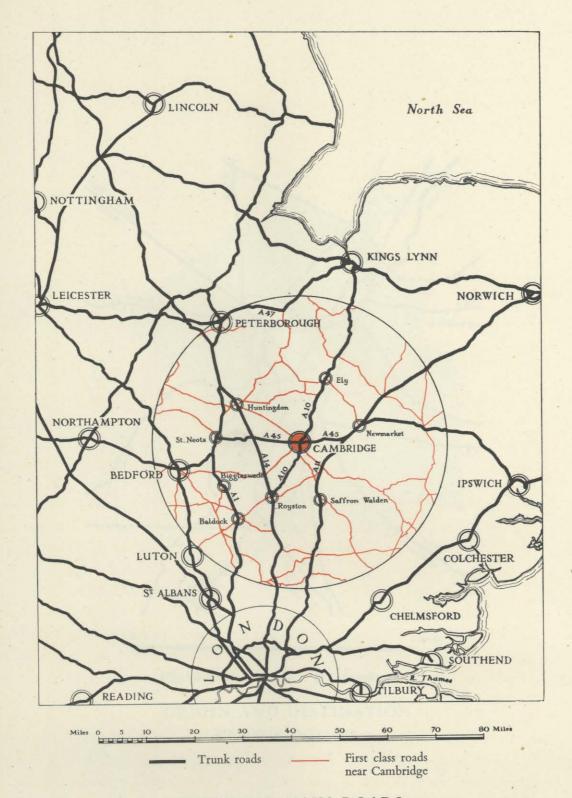
FORM AND HEIGHT OF BUILDINGS IN CAMBRIDGE

The drawing shows the present buildings in King's Parade and on the north side of Petty Cury. These may be taken as representative of the height and appearance of existing commercial frontages in the centre. Behind these frontages the outlines of four of the largest existing buildings near the centre have been shown to the same scale, in order to enable their height and mass to be compared with that of the average building.

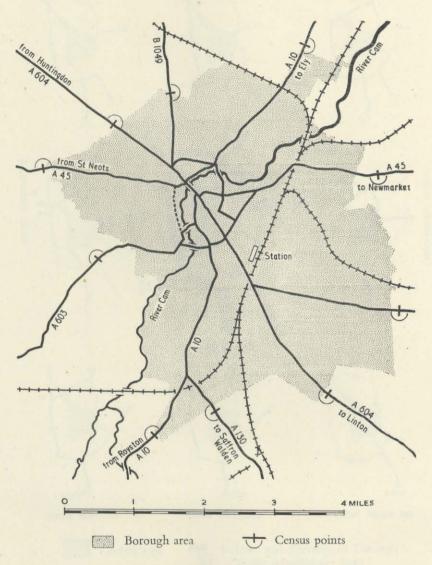
PETTY CURY WITH ADDENBROOKE'S HOSPITAL IN THE BACKGROUND



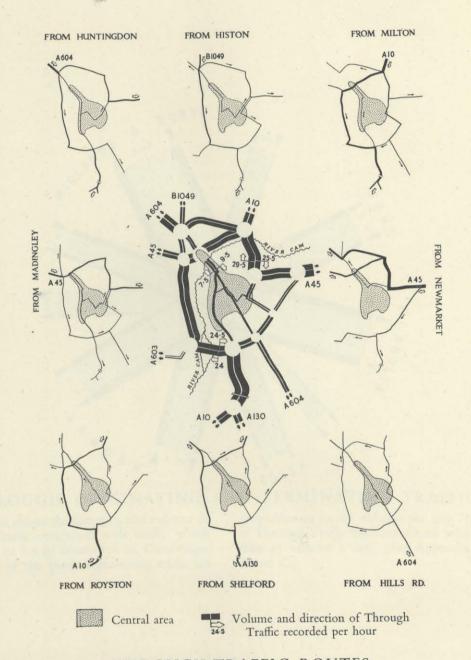
KING'S PARADE WITH THE UNIVERSITY ARMS HOT TEL, THE FITZWILLIAM MUSEUM AND THE GUILDHALL IN THE BACKGROUND



REGIONAL MAIN ROADS



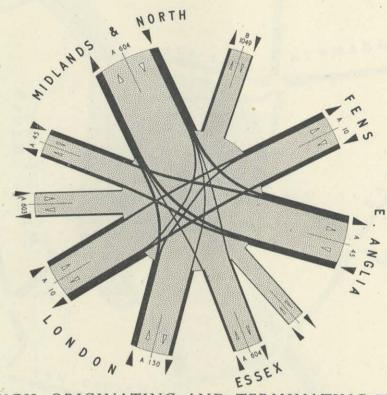
ORIGIN AND DESTINATION
CENSUS POINTS



THROUGH-TRAFFIC ROUTES

The main diagram shows the relative amounts of Through Traffic on various roads. The eight small diagrams show how the Through Traffic, entering by the eight main roads, moves through the town and keeps out of the Central Area. The

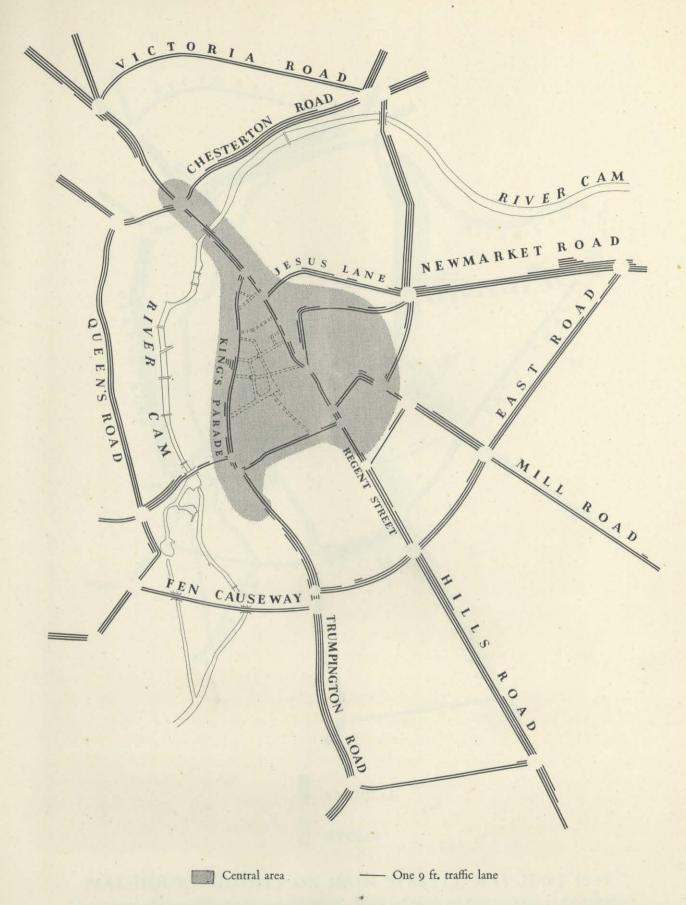
sum of the small diagrams, plus a small amount of traffic from the two minor roads, forms the main diagram. The thickness of bands showing routes taken is proportionate to the amount of Through Traffic on those routes.



THROUGH, ORIGINATING AND TERMINATING TRAFFIC

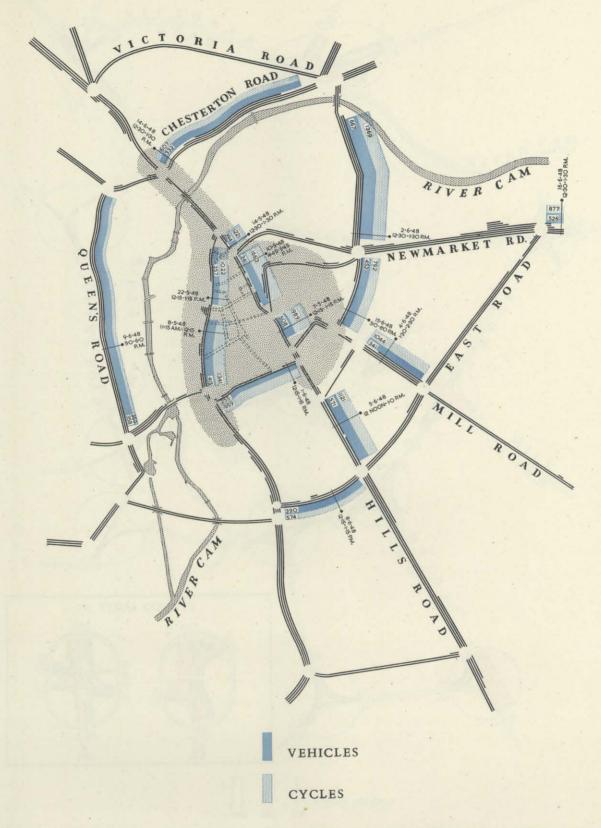
This diagram shows the direction and volume of Through Traffic compared with traffic which starts from, or has its destination in, Cambridge. The widths of the bands representing traffic are

proportionate to the volume per day. No flow of Through Traffic has been shown which is less than 45 vehicles a day. (See Appendix Tables B and C.)



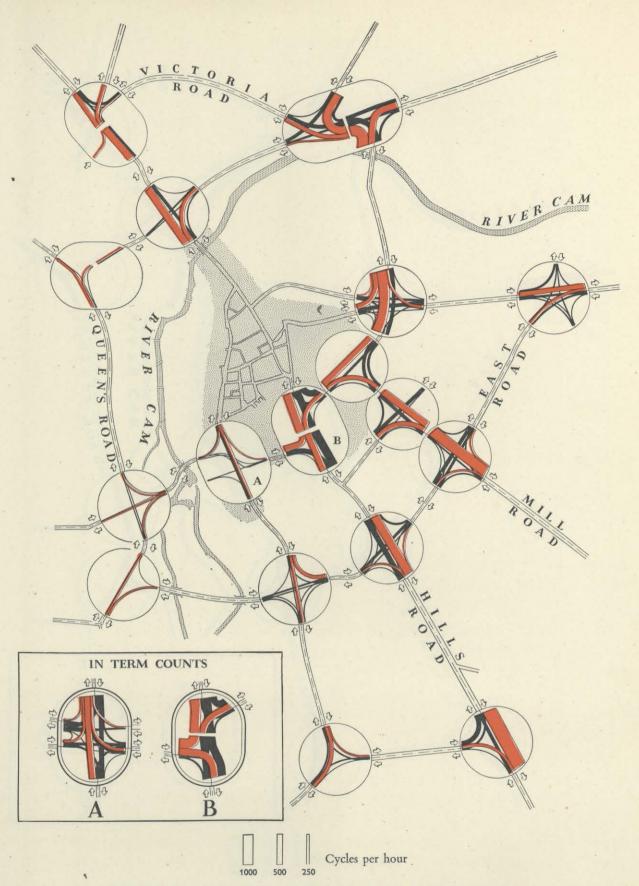
TRAFFIC LANES

This diagram shows widths of carriageways in and near the Central Area in multiples of 9 ft. traffic lanes.



PEAK-HOUR VOLUMES ON MAIN STREETS, MAY-JUNE 1948

Counts were taken on different normal weekdays. Widths of bands are proportionate to the volumes of traffic during the busiest hour on the day of the count.

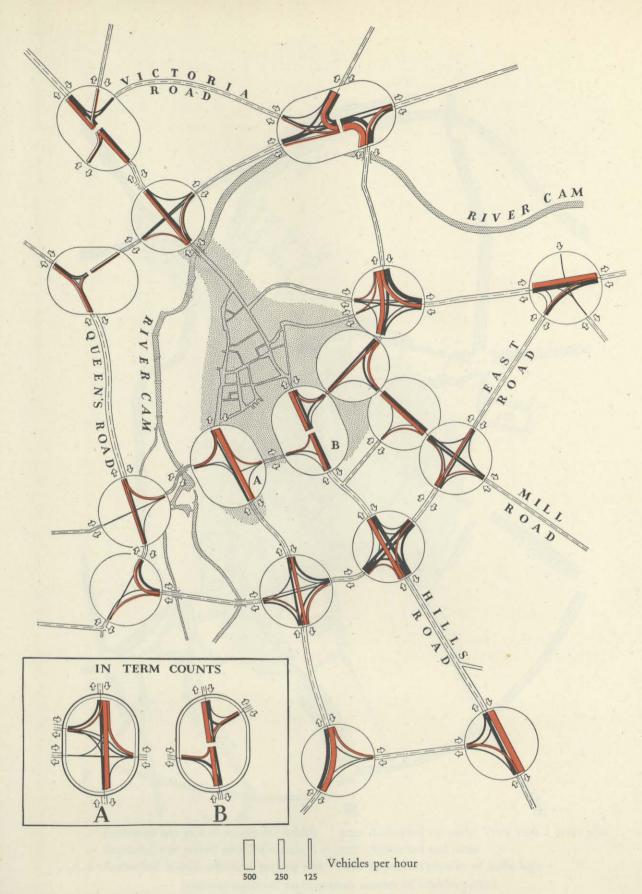


CYCLE-TURNING VOLUMES. LUNCH-TIME PEAKS

Thicknesses of bands are proportionate to volumes recorded. The heaviest flow into or from each junction is coloured red.

The counts in the main diagram were taken out of Term. The traffic at the two junctions most

affected by University traffic, (A) the Pitt Press junctions, and (B) the two junctions near Emmanuel College, was recounted in Full Term and the results are shown in the inset.



VEHICLE-TURNING VOLUMES. LUNCH-TIME PEAKS

Thicknesses of bands are proportionate to volumes recorded. The heaviest flow into or from each junction is coloured red.

The counts in the main diagram were taken out of Term. The traffic at the two junctions most

affected by University traffic, (A) the Pitt Press junctions, and (B) the two junctions near Emmanuel College, was recounted in Full Term and the results are shown in the inset.



- Represents one parked unattended vehicle
- Authorised car parks. Time limit 2 hours plus
- Represents one parked attended vehicle
- Authorised taxi ranks
- Authorised 10 min. unilateral parking area
- Represents number of traffic lanes

Numbers inside car parks indicate number of vehicles parked

CAR PARKING. SATURDAY P.M.

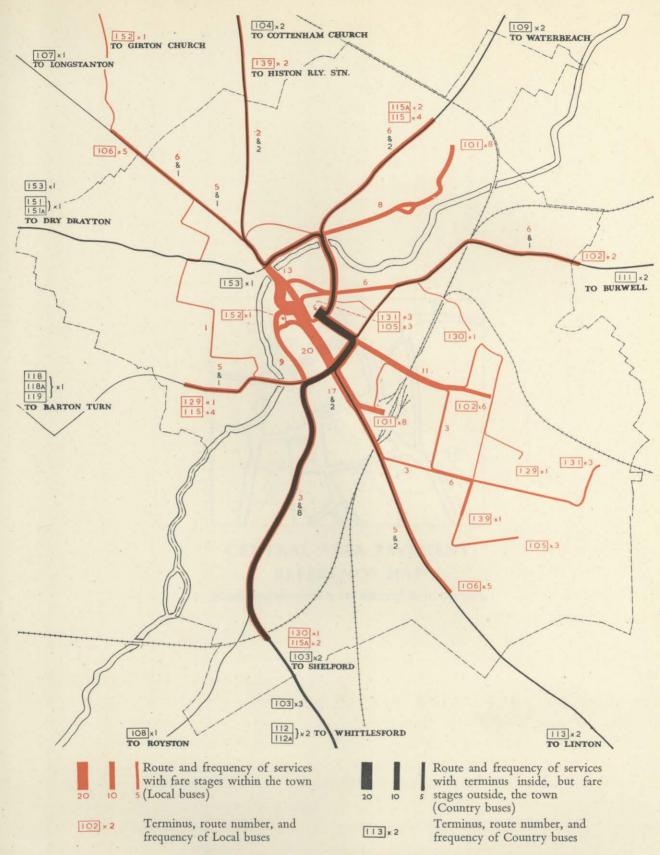
Showing vehicles parked between 2 and 3 p.m. on Saturday, 23 January 1949.



• Represents one cycle 30 Represents a stack of cycles
(45) Represents the number of cycles where they are too numerous to be appreciated from dots

CYCLE PARKING. SATURDAY A.M.

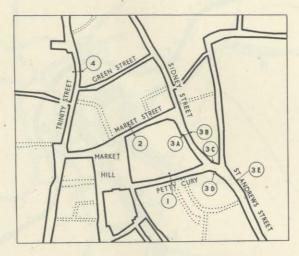
Showing cycles parked between 11 a.m. and 12 noon on Saturday, 23 January 1949.



LOCAL AND COUNTRY BUS ROUTES AND FREQUENCIES

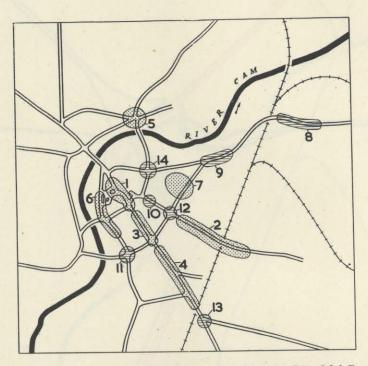
Thickness of lines representing bus routes are proportionate to the number of double journeys per hour on a normal weekday. Red and Black bands are not overlaid: thus, where Local (Red)

buses and Country (Black) buses run along the same route, the combined widths of the two red bands represent the number of double journeys per hour of Local Buses.



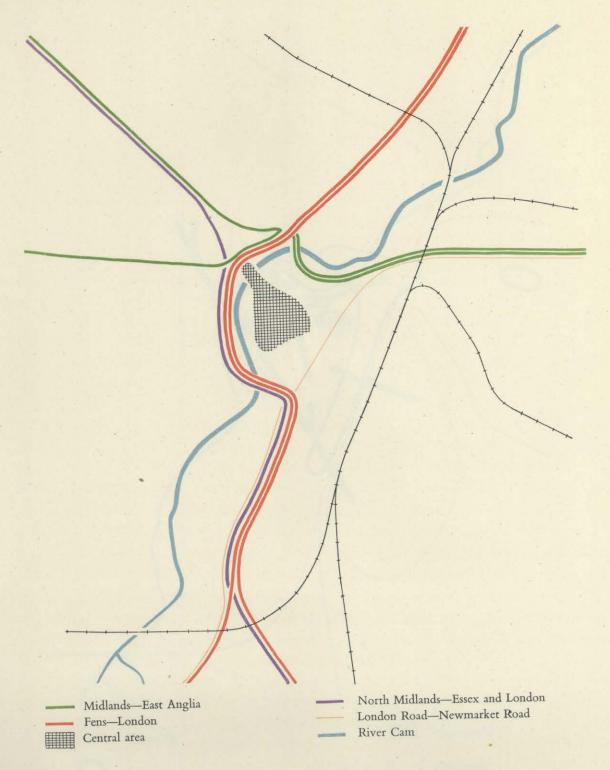
CENTRAL AREA PAVEMENT REFERENCE MAP

Numbered pavements are referred to in the text.

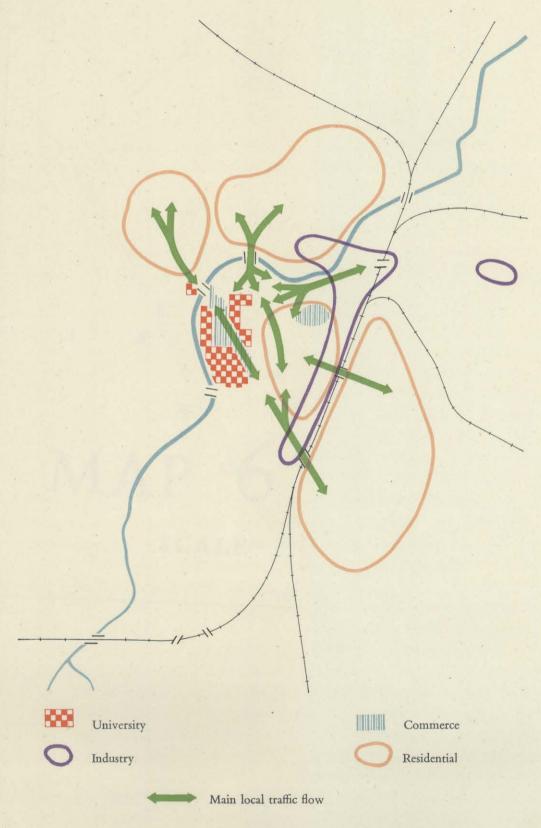


TRAFFIC ACCIDENT REFERENCE MAP

Areas shown are those where accidents are most numerous. Figures refer to comment in the text.



SUMMARY OF THROUGH TRAFFIC FLOWS



SUMMARY OF LOCAL TRAFFIC FLOWS

