SCHEDULE OF THE ROMAN REMAINS OF CHESTER WITH MAPS AND PLANS

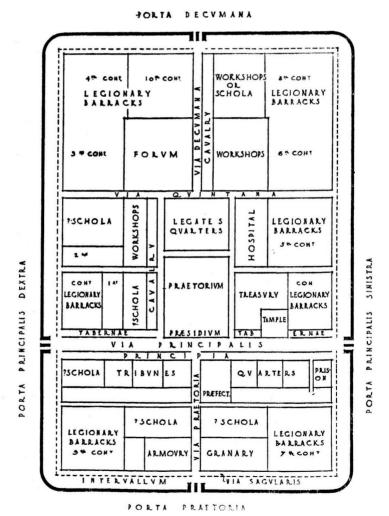
(Plates xxvi and xxvii).

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The fragmentary character of the discoveries of Roman Deva, and a lack of appreciation of the influence of the Roman occupation upon the later development of the city, has led to the prevailing belief that little or nothing is known of the lay-out of the fortress. New light has, however, been thrown upon this subject by the recent explorations of Professor R. Newstead, F.R.S., and by Mr. W. J. Williams, M.A., of Chester, who by analogy with the plan of the first century legionary fortress of Novaesium on the Rhine, has drawn attention to the significance of many of the Devan remains. The Twentieth Legion, which garrisoned Deva for three and a half centuries, left Novaesium, where it had been stationed for eighteen years, in 43 A.D., to take part in the invasion of Britain. Both fortresses were permanently erected in stone late in the first century, when the "Sixth Victrix" Legion, which later came to York, was at Novæsium, and generally there was close connection between the army in Britain and that established on the Rhine. Interest aroused by these conclusions, stimulated by the untiring labour of Professor Newstead, has led to the preparation of the plans and schedule as an aid to future research and more exhaustive investigation. The original intention was to record only those finds which throw light on the layout of the fortress and its environs, and in the main this principle has been adhered to. Pottery, tiles and coins turn up almost everywhere. Minor finds of special interest or value are, however, recorded.

Sites have been plotted on the ten-foot and twenty-five inch Ordnance Maps from the most reliable data available, and in several instances special surveys have been made. Those not determinable by measurement are marked as approximate. The context will in most cases afford an indication of the relative position of these finds.

The significance of the finds will be more apparent by comparison of the sites with the accompanying block-plan, which may be regarded as typical of the lay-out of a late first century Legionary Fortress.



Type Plan of late 1st Century Legionary Fortress based upon that at Novæsium and the Devan remains.

As to the Schedule itself, the site number is followed by the year and place of find, a brief description, the repository, and in smaller type the references to works containing detailed information. "Museum" refers to the Grosvenor Museum, Chester. Abbreviations are extended in the list of references given at the end of the Schedule.

My thanks are due and cordially extended to Professor Newstead and Mr. W. J. Williams for information and assistance without which the completion of these records would have been impossible, and to Miss M. V. Taylor, M.A., F.S.A., and Mr. W. H. Humphreys, M.A., LL.B., for kindly assistance and advice.

SCHEDULE.

I. 1883. North Wall west: site of small archway, 100 yards west of Northgate. Architectural fragments, including portion of inscribed tombstone No. 63 (another portion found in 1891). In Museum.

Watkin, 129, 211, figs.; Williams, Synopsis, 49, fig.; Haverfield, p. 5, No. 63, pl.; Eph. Epigr. vii., 882.

1890-2. Between Northgate and Morgan's Mount. Centurial Stones: > ATTI CELERIS and T. FLAVI GIGANTRICVI. Twelve tombstones of Leg. II Ad. P.F. (Nos. 23-34), one of Leg. II Augusta (No. 77) and others of Leg. XX. V.V. Architectural fragments. All in museum.

Athenæum, 3294, 3316, 3340, 3364, 3376; Haverfield, pp. 5-15, Nos. 20, 21, 23-34, 38, 39, 42, 44-8, 51-3, 55-8, 61-3, 67-9, 71-3, 75-7, 79, 80, 85, 87-9, 91, 92, 96-100, 102-5, 108, 111, 130-4, 137-9, 142-4, 146-9, 152, 155, 156, 161, 163, 164, 167, 171, 181, 184-6, plates; Eph. Epigr. vii, 882. See also II.

II. 1809. Northgate and Walls from Morgan's Mount to King Charles's Tower. Foundations of *Porta Decumana* discovered by Harrison the architect of the present gateway, in 1809. Lower courses and plinth of North Wall of fortress,

late second or early third century, examined in 1883, 1887, and 1890-2. In situ. Fragments of tombstones, date of find and situation not specified, in Museum.

Haverfield, pp. 5-8; Hemingway, i, 348, citing inscription (still extant) on North side of present gateway; Watkin, 92-106; Earwaker's introd. to Roman Remains, ix-xviii; Shrubsole, C. A. J., i, 177-185, 194-7; Matthews Jones, ibid. 185-194; Brock, ibid. ii, 40-97; Roman Remains, 40-97, 132-154; Newstead, C. A. J., xvi, 7; Haverfield (tombstones), 121-4, 127-9, 135-6, 145, 178.

III. 1887. North Wall east, adjoining Deanery Field. First repairs, twenty-nine yards in length, fifty paces from the west angle of King Charles's Tower. Extent of second repairs, adjoining, not specified. Tombstones of Leg. XX. V.V. and architectural fragments. All in Museum.

Haverfield, pp. 5-15, Nos. 35-7, 40-1, 43, 49, 50, 54, 59, 60, 64-6, 70, 78, 81, 82-4, 86, 90, 93-5, 101, 106, 107, 109, 110, 112, 113, 117-120, 125, 126, 140, 141, 150, 151, 153, 154, 158-160, 162, 165, 166, 176, 181, plates; Eph. Epigr., 885-914; Matthews Jones, C. A. J., ii, 1-10; Watkin, ibid., 11-24; Birch, ibid., 25-39, 98-131; Mowat, ibid., iii, 114; Hübner, ibid., 142; Roman Remains, 1-39, 98-131.

IV. 1884. Deanery Field. North-west corner. Walls of structure in *intervallum*, seventy feet in length, parallel to North Wall, by twenty-four feet in width, eight feet high at north-west angle. *Undated*.

Watkin, 158; Hist. Soc. L. & C., xxxvi, 10-11; L. & C. Antiq. Soc. ii, 33-38.

- V. 1876-7. Inscribed stone found when rebuilding in Northgate Street, W., between King Street and Northgate.

 Watkin, 190.
- VI. 1848. Northgate Street, E. Cinerary urn, black, first cent., covered by stone slab, found in cavity in rock, in rear of houses in Northgate Street and Abbey Green. In possession of Mr. F. Potts, 1886.

Brushfield, C. A. J. (O.S.) iii, 28, pl.; Hughes, ibid., 260; Watkin, 214, fig.

VII. c. 1850. Abbey Green. Two cinerary urns found in close proximity on the edge of the Deanery Field. One in Mr. Shrubsole's possession in 1886.

Watkin, 214.

1923-4. Deanery Field. Walls and footings of buildings, some dated to late Flavian period (late first cent.). Coins ranging from Nero (3) to Gratian (1), 54-388 A.D. Mortaria, late first to third or fourth cent. Bronze military badge (*Phalera*) inscribed LEG XX IVLI CANDIDI. Chain and scale armour of iron, ballista balls, etc. Museum.

Newstead, Annals of Archaol. and Anthropol., xi., 59-86, pl. i-ix.

1924-6. Adjoining Abbey Green. Sections of two barrack blocks (hemistrigia) some of the rooms showing positions of doorways, hearths, etc. Late first cent. Numerous small finds, including coins of Republic, pottery, etc. Marble tablet, "To the Genius of the Standard bearers of the Twentieth Legion," and small alter without inscription. Museum.

Newstead, C. A. J., xxvii, 144, 145.

VIII. 1914. Hunter Street. Fumed grey cooking pot or urn, late first or early second cent. Museum.

Newstead, C. A. J., xxvii, 62, 71, pl. ii.

IX. 1909, 1914. Hunter Street, S. Freemasons' Hall. Part of barrack block, eighty-five feet long, twenty-six feet wide, late first cent. Three shallow rock pits. Hoard of ironwork, including shoemaker's anvil, plough share, shackles, etc. Iron scale armour. Part of Samian bowl (29) by Rufinus, etc. Coins and part collection in Museum.

Newstead, C. A. J., xxvii, 61-79, pls. i-vii.

X. 1725. Market Square, W. Cholmondeley House, later Hewitt's, and Lawton's Carriage Works. Hypocaust and fragments of cornice, column bases, etc., of large building. Apparently destroyed.

Brushfield, C. A. J., (O.S.) iii, 72, citing Stukeley, *Itinerarium Curiosum* (1724) p. 56, *ibid.* cent. 2 (1776) p. 34; Watkin, 129.

XI. c. 1797. Little Abbey Court, east of Refectory and Cloisters. Large drain in which one could stand upright, in an easterly direction south of Kaleyards. *In situ*.

Hanshall, Stranger in Chester, (1816); Watkin, 115-6.

XII. 1848. Crook Street. Column bases found during excavations for drains.

Massie, C. A. J. (O. S.) i., 199; Watkin, 129.

XIII. 1851. Market Square, W. Saracen's Head Inn. Altar set up by Hermogenes, a physician, with inscription in Greek. Museum.

Williams, Synopsis, 7, fig.; Watkin, 179, fig.; Haverfield, 10, fig.; C. I. L., p. 48.

XIV. 1868. Cathedral. Centurial stone: > Q. MAX. in Museum, taken from the side of a drain nine feet below the eastern wall of the Lady Chapel, coins of Domitian (2) and roadway of large pebbles set in cement, passing under south-eastern buttress.

Hughes, C. A. J. (O.S.) iii, 254; Williams, Synopsis, 55, fig.; Watkin, 116, 124, fig.; Haverfield, 17, pl.; Eph. Epigr., vii., 879.

XV. 1921. St. Werburgh Street. Site of City War Memorial. Fallen architectural fragments, typical 4in. and 5in. coursed rubble walling, 4ft. thick, and cobble foundation or paving on rock, at a depth of 6ft.

Information of Mr. G. W. Haswell, F.S.A. Unpublished.

XVI. 1897. Northgate Street, W. Premises, Shoemakers' Row, now Vernon's Toy Shop. Colonnade in Hall of the *Prætorium*. Two eastern bases (portion of capital at side of one), remaining portion of third base and of fallen shafts, two feet six inches diameter at base, as discovered, in situ, the other two plinths demolished in excavating basement. Fragment of altar GENIO LEG XX V.V. and quern stone > NAEV, in Museum.

Beswick, C. A. J., vi., 277, plan and pls.; Haverfield, *ibid.*, 139, 281, pl.; vii (cat.) 1, 204.

XVII. 1883. Northgate Street, E. Premises of Mr. Harvey, ironmonger, now Mr. Partington. Thirty feet from frontage. Cellar about eight feet square sunk in rock with cut steps to same. Hoard of "large and small bronze" Roman coins (a bucket full), found in sunk coffer about 18in. to 24in, deep, when lowering and extending cellar. Perhaps a hiding place in a serior room of the Prætorium.

Information of Mr. Arthur Vernon, son of the contractor, and Mr. Edward Cooper, who was present at the time. Unpublished.

XVIII. 1865. Northgate Street, E. "Chester House." South-east corner of premises on north side of lower passage to St. Werburgh Street. Black and white tessellated paving. Herringbone tile paving, thirty-two inches by twenty-one inches, set in a block of sandstone, margin level with tiles. In Museum.

Brushfield, C. A. J. (O.S.) iii, 32, 39, pl.; Watkin, 157; Haverfield, 187.

1892. Northgate Street, E. Rear of Messrs. Walker & Knight's premises, abutting on south side of lower passage to St. Werburgh Street (adjoining tessellated paving). Part of hypocaust floor and sandstone pilæ, in situ.

Williams, J. B. A. A., xlix, 298-303, with plan; C. A. J., v., 105-8, pl.; Gleadowe, ibid., 130.

1862. Steps from City Walls to St. Werburgh Street, Altar, DEAB, MATRIB, Museum,

Williams, Synopsis, 10, fig.; Watkin, 183, fig.; Haverfield, 8; C. I. L., 168a; Eph. Epigr., iv., 198.

1861. Passage to St. Werburgh Street from Walls. Tombstone: FESONIE SEVERI[A]NE. Museum.

Williams, Synopsis, 46; Watkin, 209, fig.; Haverfield, 116, fig.; C. I. L., 175.

1896. South side of passage. Bronze pendant from military belt, portions of helmet. Coins, Vespasian, Domitian and Lower Empire. Museum.

Williams, Cat., 41-50, 142, 163.

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XX. 1898. Godstall Lane, W. Messrs. Dutton's premises. Small apsidal structure formed of alternating courses of tiles and masonry. Surface plaster, concrete floor. Demolished. Many small finds, including strip of bronze inscribed VTERE FELIX. Museum.

Newstead, C. A. J., viii, 82-86, plan; Haverfield, 188, 205.

XXI. 1896. St. Werburgh Street, E., approx. North side of Tamil Café. Altar. GENIO . Museum. Gold torque ring dug up in St. Werburgh Street in 1852, precise position not recorded. Museum.

Haverfield, 3, pl.; C. A. J., vi, 76, pl.

XXII. 1899, 1900. Eastgate Street, N. Premises of Messrs. Rd. Jones and Co. Sections of lead water pipes bearing inscription in duplicate recording that they were made when Agricola was Governor of the Province of Britain, and dated 79 A.D. Museum. Radiating horizontal flue passages under floor.

Newstead, *Reliquary*, vi., 114, figs 1-4; vii., 45, figs. 1-5, *C. A. J.* viii, 87-91, pl. 12; Haverfield, 199, pl.; Williams, *C. A. J.*, xxvii, 190.

XXIII. 1861. Eastgate Street, N. Messrs. Dutton's premises, East side of Godstall Lane. Altar. GENIO SANCTO CENTVRIE. Museum.

Williams, Synopsis, 8, fig.; Watkin, 180, fig.; Haverfield, 2; C. I. L., 166.

XXIV. 1888. Eastgate Street, N. Rear of Messrs. Lamont's premises, now Mr. H. F. Thomas's. Centurial Stone: > TER RO. Museum.

Shrubsole, C. A. J., iii., 47, pl.; Haverfield, 19; Eph. Epigr., vii, 881.

—. Eastgate Street, N. Mitre Tavern, site of Westminster Bank. Hypocaust.

Williams, C. A. J., xxvii, 190.

XXV. 1890. Watergate Street, S. Rear of Alderman Charles Brown's premises now occupied by W. Crewe, butcher. Large column base, *in situ*. Capital placed on same. Plinth, 2ft. 9ins. square, drum at base, 1ft. 10in. diam., necking of capital 1ft. 6in. diam.

Taylor, C. A. J., iv., 205; Measured by compiler, 1927, unpublished.

1729. Watergate Street, S. Votive tablet of "coarse blue marble" discovered when digging a wine cellar for a Mr. Dyson. Exact site not known. NVMINI AVG. Seen by Foote Cower at Mr. Dyson's house, in 1771. Now lost.

Horsley, Brit. Rom., 316, Cheshire, fig. 6; Foote Gower, B. M. Add MS., 11,338, fo. 90; Collect. Antiqua., vi., 41; Watkin, 187-9. and op. cit.; Williams, Synopsis, 58, fig.

XXVI. 1894. Watergate Street, S. Messrs. Quellyn Roberts' vaults. Portion of apsidal structure and walls, part of hypocaust floor, the pilx of bricks or tiles, one bearing legionary stamp LEG XX VV, voussoir tiles, and fragments of tessellated floor between pilx of black and white cubes. Demolished. A sandstone pila preserved on the premises, finds in Museum.

Williams, J. B. A. A., (N.S.) i, 69-80, plan and figs.

XXVII. 1693. Eastgate Street, S. Cellar in Mr. Heath's premises at corner (? which) of Newgate Street. Altar found in situ: GENIO LOCI. Museum.

Williams, Synopsis, 2; Watkin, 169 and op. cit (including Stukeley, Itin. Curios., ii, 32; Horsley Brit. Rom., 314, Cheshire, fig. 2; Lysons' May. Brit., ii, 429; Gough's Camden (1806) iii, 49, pl. ii, fig. 3; Collect. Antiq., vi, 38); C. I. L., 167; Haverfield, 5.

XXVIII. 1884. Eastgate, S. Between Grosvenor Hotel and steps to City Walls. Altar: IO.OPT.MAX. Museum.

Williams, Synopsis, 12; Watkin, 186, figs.; Haverfield, 6, figs.; Eph. Epigr., vii, 875.

XXIX. 1725, 1768. The Eastgate and Messrs. Huxley's wine vaults on south side. Site of *Porta Principalis Sinistra*. Reputed Roman archways and sculptured relief of Roman soldier with inscription beneath (now lost) taken down in

1768. Large drain. Foundations probably in situ. Portion of walling of southern guardroom (?) in situ in Messrs. Huxlev's cellars.

Watkin, 106-115, illustration. Stukeley, *Iter Boreale*, 31, pl. 65; Foote Gower, *B. M. Add. MSS.*, 11,334, fol. 255, 11,338, fol. 100; Pennant, i., 144, pl.; Lysons' *Mag. Brit.*, ii, 427; Hemingway, i., 340, pl.; Gough's Camden, iii, 50, pl. ii, fig. 1; Roach Smith, *J. B. A. A.*, iii, 44; Brushfield, *C. A. J.*, (O.S.) iii, 44, pl.; Surveyed by compiler, 1926, awaiting publication.

Paved roadway found under house in Eastgate Street in 1840, in street in front of Gate in 1848, under premises, Foregate Street, S. (opposite Frodsham Street) in 1870, and under Old Bank Buildings, together with clay water pipes in 1895.

Watkin, 112-3; Hewitt, C. A. J. v., 327-330; Simpson, Walls of Chester, 5, plan.

XXX. 1910. Bridge Street, W. Back of Mr. Marston's shop. Wall of coursed masonry about 3ft. 6in. thick with step-like stylobate finish along top, facing and slightly above level of street frontage. Demolished.

Information of owner only. Unpublished.

XXXI. 1861. Bridge Street Row, E. Behind premises of Mr. I. E. Ewen. Altar. DEAE MINERVAE. Museum.

Williams, Synopsis, 9, fig.; Watkin, 182, figs.; Haverfield, 9, fig.; C. I. L., 169.

XXXII. 1901. Bridge Street, E. North side passage to Fletcher's Buildings. Messrs. Davies and Shepheard's warehouse. *Opus signinum* floor, 4ft. in width exposed on North side, and mosaic floor, 1ft. in width exposed on South side of excavation 12ft. 6in. square, 196ft. from street frontage. Fragments in Museum.

Newstead, C. A. J., viii, 104; Hodkinson, ibid., ix, 141.

XXXIII. c. 1848. Newgate Street. Lead water-pipes running E. and W. 20ft. in length.

Shrubsole, C. A. J., v, 32.

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XXXIV. 1849. Weaver Street. Raised footpath edged with kerb stones and a regular paved road of cobble stones set in sand, found at a depth of 7ft., in excavating for sewers. Charcoal above, and Roman tile below.

Roach Smith, J. B. A. A., v., 230; Watkin, 152.

XXXV. 1833. 1849. Commonhall Street. Two-handled vessel. Concrete bases of colonnade; column base and architectural fragments, etc.

Roach Smith, J. B. A. A., v., 230; Brushfield, C. A. J. (O.S.) iii, 51, 58; Watkin, 147, 223.

XXXVI. 1899. Bridge Street, W. "Grotto Inn," corner of Commonhall Street. Portion of large building. Two column bases in situ on sleeper wall, facing west, with large channelled stones in front to carry off rain water. In situ until 1906, when bases were removed to Museum.

Newstead, C. A. J., vi, 395, 399, pls. I, II; Haswell, *ibid.*, xiii, 139, pl.

XXXVII. 1725, 1854, 1863. Bridge Street, E. Feather's Inn and adjoining premises, now St. Michael's Row. Large colonnaded building, discovered in 1863, with range of rooms on South side, hypocaust (portion known at earlier dates), tessellated floors. Portion of inscribed slab of Purbeck marble with 5in. to 6in. letters, once painted, in Museum. Bases, shafts and capitals in Water Tower gardens, and Eaton Hall gardens.

Watkin, 130-147, with plan engraving and figs. (citing among other authorities, Horsley, Brit. Rom., 318; Foote Gower, B.M. Add. MS., 11,334, fol. 48; Watson M.S. Bodleian, p. 157; Massie, C. A. J. (O.S.) i, 355-6, pl.; Brushfield, ibid., iii, 1-106 with plan, plates, etc.; Tite, Archæologia, xl, 285 et seq., with plan); Newstead, C. A. J., xi, 190; Haverfield, 14, pl. p. 102, 84; Williams, Synopsis, 60, fig.; Ayrton, C. A. J. (O.S.) i., 356, pl.

1909-10. Same site and extension in rear. Wall of frontage to *Via Praetoria*. Large room with mosaic floor forming eastern extension of southern range of rooms, together with a portion of south retaining wall, wall dividing room from inner court, herring-bone paving, etc. Fragments

of mosaic, tiles (one bearing legionary stamp), paving, etc., in Museum. A few sandstone *pilæ* of hypocaust found in 1914 on adjoining premises on south.

Haverfield, C. A. J., xvi, 118; Simpson, *ibid.*, xxi, 191; Newstead, *ibid.*, xvii, 149; xxvii, 114-125, pls. xi-xv, xviii.

1926-7. St. Michael's Street. Messrs. Brown and Co.'s new extension. Sections of east wall, and two column bases of colonnaded building, one preserved *in situ* for inspection, in Messrs. Brown and Co.'s basement.

Newstead, C. A. J., xxvii, 126-139, pls. xv-xx.

XXXVIII. 1926.. St. Michael's Street. Messrs. Brown and Co.'s new extension. Portions of two buildings, possibly late first or early second century. Wall plaster, flue tiles, Flavian pottery, leaden lamp holders, etc. Museum.

Newstead, C. A. J., xxvii, 121, 126-139, pls. xv-xx.

XXXIX. 1848-9. Pierpoint Lane. Centurial Stone. > ABVCINI. (1). Lost during fire at Exchange, 1862.

Roach Smith, J. B. A. A., v, 224, fig.; Watkin, 123, fig.; Williams, Synopsis, 54; C. I. L., 173.

1858. Pierpoint Lane, S. At back of Mr. Welsby's premises, corner of Bridge Street. Portion of large colonnaded building, facing North, with one large Attic column base (2ft. 2in. diam.) and two small square bases supporting shafts (18in. diam.) 12ft. apart, in situ. Preserved in Water Tower gardens. The first column 68ft. 3in. from Bridge Street, all standing on a line of flags 3ft. by 1ft. thick, on concrete bed. with similar flags in front, traced 55ft., having a 6in. half-round channel to carry off rain-water. Circular cavity in rock containing burnt animal bones with irregular square excavation adjoining (? for Altar base). Centurial stone: > ABVCINI (2). Museum. Hoard of several hundred third brass coins, 243 to 270 A.D. in black earthenware jar.

Brushfield, C. A. J. (O. S.) iii, 76, pl.; Edwards, *ibid.*, 106; Watkin, 150-2, 124, fig., 237-8; Williams, *Synopsis*, 55; Haverfield, 22; *Eph. Epigr.*, iii, 672; *Gent. Mag.*, Dec., 1858, 609-611, illustrating coins.

1885. Western extension of this site. Another moulded base of above colonnade, similar to large column base, but square and with part of a square *pila* upon it. Bronze boss, convex, bearing mask.

Watkin, 151, 205, fig.

XL. 1884. White Friars, N. Cottage on west side of Bolland's Court and cellar of premises on east side. Portion of large colonnaded building facing south, with roadway in front (? Via Sagularis) at same depth as roadway No. XXXIV. Two square plinths of columns, 2ft. diam., about 16ft. 6ins. centre to centre, apparently in situ, on sleeper wall traced 54ft., with V-shaped rain water channel in front. Portions of column shafts 2ft., and 16in. diam. Fragments of cornice and Corinthian capitals. Square sunk channel 3ft. wide along roadway. Samian ware, amphorae, mortaria, bronze armillae and fibulae in Museum. 34, 3rd brass and one 2nd brass coins, 260 to 320 A.D. Fragment of bas-relief, found in cellar right side of Bolland's Court.

Watkin, 147, plan and elevation; *Hist. Soc. L. & C.* (N.S.) iii, 51; Haverfield, 183.

1851, 1853. Mithraic reliefs found in wall of cellar of above premises, and in wall of adjoining cellar. Museum.

Ayrton, C. A. J. (O.S.) i, 202, fig.; Edwards, ibid, 431; Watkin, 191-2, figs.; Haverfield, 169, 170, figs.; Cumont, T. et M., ii, 391.

XLI. 1926. Bridge Street, E. 6ft. 9in. in advance of building line and 113ft. 5in. North of South-West angle of tower of St. Michael's Church. Small section of rather massive sandstone structure, possibly a drain.

Newstead, C. A. J., xxvii, 109-110, fig. 10.

XLII. 1886, 1908. Bridge Street. West end of St. Michael's Church. Sections of massive cobble-concrete, perhaps roadway and foundations of South gate of fortress—the *Porta Praetoria*.

Shrubsole, C. A. J., i., 213, iii., 78; Newstead, ibid., xvi., 24-7, pls. ix, x.

XLIII. 1885. Newgate Street, W. Behind house of Mr. James Taylor, surgeon. Two tiles similarly stamped from different moulds: ANTO(niniana). Early third century.

Williams, Synopsis, 72, where incorrectly ascribed; Watkin, Hist. Soc. L. & C. (N.S.), iii, 53; Journ. of Arch. Inst., xliii, 289; Haverfield, Eph. Epig., ix, 1273, a.

XLIV. 1738. Newgate Street, E. Mr. Philpot's house. Sculptured fragment depicting a *retiarius*. Original lost, cast in Museum.

Watkin, 201, fig.; Lysons, Mag. Brit. ii., 431, pl. where erroneously described as found under a house in the market place; C. A. J. (O.S.) i., 332, lith.

XLV. 1748. Newgate Street, E. Garden of Mr. Kenrick's House (now Messrs. Storrar's). Centurial Stone: OCRATI MAXIMI. Museum.

Williams, Synopsis, 52, fig.; Watkin, 120, fig.; Haverfield, 24, pl.; C. I. L., 172.

1877. Newgate Street, E. Under stabling to the south of and behind last house. Altar. DEO MARTI. CONSERV. Museum.

Williams, Synopsis, ii, fig.; W., 184, figs.; Haverfield, 7, fig.; Eph. Epigr., vii, 876.

XLVI. 1892. St. John Street, W. At back of Messrs. Dickson's seed warehouse. Section of fortress wall, with plinth and foundation *in situ*, 15ft. 6in. in advance of City Walls, N. of Wolf Tower. Accessible for inspection.

Newstead, C. A. J., xvi, 8.

1908. Back of National Telephone Exchange, South-east angle of fortress. Southern extension of last, 33ft. long, 21ft. 6in. in advance of Walls. Maximum height of ashlar work, 6ft. 6in. Core of rubble with an inner backing of arenaceous clay. Lower course of footings of boulder stones bedded in mortar. Ditch or fosse on East side, width at top 22ft., depth 9ft. 3in., bottom chased in rock, flat channelled to carry off rainwater. A palæolithic implement also came from this site. In situ and accessible for inspection.

Newstead, C. A. J., xvi., 5-24, pls. i-vii.

XLVII. 1849. 1870. North part of East City Walls. Centurial stone: Q. TER. N. Museum.

Williams, Synopsis, 57, fig.; Watkin, 123-5, fig.; Haverfield, 18; Eph. Epigr., vii. 880; Wynne Ffoulkes, C. A. J. (O.S.) iii, 487.

XLVIII. 1884. City Walls, E., a few yards S. of Kaleyards postern, just outside Walls. Foundations of fortress wall East, in situ, 66ft. 9in. long. Fragments (2) of slate, bearing portion of large inscription. Museum.

Matthews Jones, Roman Remains, 146; C. A. J., i, 190; Newstead, ibid. xvi, 8; Williams, Synopsis, 63, fig.; Haverfield, 15; Eph. Epigr., vii, 883.

XLIX. 1653. Foregate Street S., near the Eastgate, on Mr. Richard Tyrer's premises, "The Greyhound." Altar. I.O.M. TANARO. Ashmolean Museum, Oxford.

Williams, Synopsis, 1; Watkin, 165-9, figs, and op. cit.; C. I. L. 168; Prideaux, Marmora Oxon., 282; Collingwood, C. A. J., xxvi., 154-161.

L. 1821. 1848. Bridge Street, W. Lamb Row, and in Pepper Street, Grosvenor Road, and Cuppin Street. Large drain cut in the rock, apparently leading to the Creek. (See No. LVI, Key Plan (plate XXVI.,) and Watkin, 101-3).

Ayrton, *Hist. Soc.*, *L. & C.*, i, 82, plan; Parry, *Chester Guide*, 2nd Ed., 1843; Watkin, 115.

LI. 1858. Infirmary Field. Cemetery. "Numerous graves," all tiled. Cremation and inhumation burials together. One containing a pair of ear rings, two beakers, a lamp and coin of Domitian, 81-96 a.d. Urns.

Brushfield, C. A. J. (O.S.) iii, 17 (quoting Chester Chronicle, June 5, 1858), 28; Hughes, C. A. J. (O.S.) iii., 261-2.

1912-17. Forty burials all by inhumation. Late second or early third century. Coins of Antoninus Pius (6) and Commodus (1). Pottery, a mirror, lamps, sandals, a glass ampulla inscribed VECTIGAL PATRIMO, etc. Some tiles forming graves bore the legionary stamp LEG. XX. V.V. "Site X" near by yielded three additional burials

by inhumation. The tomb (No. 1, of Newstead's paper) built of uncoursed sandstone, was preserved *in situ*. It is now covered with a shallow layer of earth.

Newstead, Annals of Archwol. & Anthropology, vi, 121-167 pls. xxix-xxxiv, vii. 49-60, pls. vi-viii; Haverfield, Roman Britain, 1913 (Brit. Acad. Suppl. Papers ii) 14f., 29, Roman Britain, 1914, p.41.

LII. 1779. Watergate Flags. Baths. Hypocaust and tessellated pavements; one circular in black, white and red cubes. Altar: FORTVNAE REDVCI, now in the British Museum, set up to the health of T. Pomponius Mammilianus R. A. Funisulanus Vettonianus, Legate of the Twentieth Legion, by his freedmen. Probably the governor of Britain of the same names, about A.D. 103-109.

Watkin, 152-7, 173-5, pl. and op. cit., particularly Broster, Chester Guide, 1782, p. 24; C. I. L., 164; C. A. J. (O.S.) i., 362, pl.; Williams, Synopsis, 3; Haverfield, 195; Eph. Epigr., ix, p. 535; Atkinson, J. R. S., xii, 65, No. 16.

- 1894, 1927. Cellar of last house, adjoining City Walls Road. Furnace arch and portions of floors preserved in situ.
 - C. A. J., v., 324, quoting Cheshire Observer, Jan. 27, 1894; Newstead, C. A. J., xxvii, 110-112, pl. xxii.
- —. Within City Walls, opposite north-west end of Stanley Place. Fragments of wall plaster and tile concrete with distemper painting on surface. Museum.

Williams, Cat., 240, 241.

LIII. 1845. Watergate Street, N., junction of Stanley Street. Two column bases on plinths, 2ft. 8in. square, about 15ft. apart and in situ. Perhaps part of a colonnade. In 1778 several roofing tiles, one bearing the legionary stamp, and coins, one a first brass of Nero, 54-68 A.D., were found at the south end of the Linenhall, immediately to the North of this site, where in 1920 a cement floor, about 6in. thick, was cut through.

Massie, C. A. J. (O.S.) i., 199; Watkin, 156, 154; Hemingway, ii, 352; Bennett, C. A. J., xxiv., 68, pl.

LIV. c. 1730. Watergate Street, N. Tombstone, D. M. AELIAE AGATH[A]E etc., found when preparing the foundations of a house. Remarkable as an example of a master erecting a tombstone to the memory of his freed slaves and their children. Now lost. The inscription is extremely like those found in Rome, and doubt has been cast on its local origin.

Watkin, 208; Foote Gower, B. M. Add. M.S. 11,338, fol. 95.

LV. 1914. Grey Friars, Western end. Section of cement floor (opus signinum), 50ft. long. Found in cutting a trench 3ft, wide for a drain.

Newstead, C. A. J., xxvii, 113.

LVI. 1865. Roodeye. Retaining wall, 40ft. in advance of City walls, at end of Black Friars. Presumed Roman quay, at junction of Creek with river basin. Tiled grave with skeleton and two silver denarii, one of Otho, 69 A.D., the other of Nerva, 96-98 A.D., just outside modern walls.

Roach Smith, J. B. A. A., v., 212; Matthews Jones, Roman Remains, 146-150, C. A. J., i., 190-4; Newstead, ibid., xvi., 7-8; Watkin, 96, 101-3, 214; Hughes, C. A. J., (O.S.) iii, 250, pl. 256.

1881 and earlier. Five more skeletons in vicinity of last. Fourth cent. Onyx intaglio found in 1882. Museum.

Williams, Cheshire Sheaf (O.S.) ii, 390, 394; Cat., 140.

LVII. 1828. Castle Esplanade, E. Plantation at north-west angle of St. Bridget's new church (since demolished). Altar, without inscription; found amongst loose stones and roofing tiles, some bearing the legionary stamp LEG. XX. V.V. Middle brass coins. Presented to Col. Barnston. Now lost.

Hemingway, ii, 351; Williams, Synopsis, 5; Watkin, 177.

LVIII. 1828. Grosvenor Road. Large terra-cotta mask found when digging for a sewer. Museum.

Gent. Mag., Jan. 1829, p. 70; Watkin, 224.

1832. Beaker ("lachrymatory") of fine red earthenware and coins, found in vicinity of City Walls.

Chester Courant, Nov. 13, 1832; Watkin, 216.

1853. Vase found on site of Savings Bank.

Arch. Camb., 3rd Ser., iv., 464; Watkin, 216.

1893 and later. Weight found on site of Grosvenor Museum (Museum) and Samian bowl (form 33) stamped AMBITOVT MA found on site of Saddle Inn, adjoining (King Charles' Tower).

Haverfield, 207; Hayter's List, C. A. J., xxvi, 9.

LIX. . St. Mary's Hill. Against north wall of Rectory. Remains of massive wall in line with wall between Rectory garden and house in Castle Street, found in Canon Eaton's time, 1833-48.

Watkin, 197; Eaton, C. A. J., (O.S.) iii., 483.

LX. 1803. Nun's Gardens. Tessellated paving with inscription inset (?) found in excavating for the cellar of a house. Site, North-east of main entrance to Castle Yard. Cast of inscription, in Museum.

Watkin, 192-4, fig., and op. cit.; Williams, Synopsis, 64; Haverfield, 208, fig.

LXI. 1874. Roodeye. Between second and third buttress of Walls, from Grosvenor Bridge and 40ft. in advance. Sepulchral banquet tombstone: FL CALLIMOR-PHI, etc., two skeletons, a gold ring and second bronze coin of Domitian, 81-96 A.D. Museum.

Williams, Synopsis, 47, fig.; Watkin, 214-5, fig.; Haverfield, 115; Eph. Epigr., iii, p. 120, vii, 873.

LXII. 1851. Duke Street. Fragment of winged figure found during excavations. Museum.

C. A. J. (O.S.) i, 198, pl.

— South-east angle of City Walls, by the "Wishing Steps." Massive wall cut through when laying a drain from Bridge Street to Park Street.

Watkin, 197; Hughes, Chester Courant, Mar. 28, 1877 and Dec. 5, 1883.

LXIII. Edgar's Field, Handbridge. Rock-cut adicula with figure of Minerva, and apsidal recess at side cut in the rock. Survival probably due to being considered a representation of the Virgin in mediæval times. Noticed by Stukeley c. 1725. Statuette of Mithraic dadophore, found near by about the same date. Apparently lost. See LXXVI.

Watkin, 191, 197-200, fig. (citing Stukeley, Iter Boreale, 33; Horsley, Brit. Rom., 316, fig. 5, Cheshire; Foote Gower, B. M. Add. MS. 11,338 ff. 98, 99; Pennant, i, 148-152; Hemingway, ii, 351; Roach Smith, Collect. Antiq., vi., 29, 30; J. B. A. A., v. 215); Cumont, T. et M., ii, 390; Williams, C. A. J., xxiv, 102; C. I. L., 1340; Stephens, Old Northern Runes, i, 462.

1923. Deliberate excavations in front of cave revealed presence of camp fires close to rock, second to third or fourth century pottery and thick stratum of broken rock.

Newstead, C. A. J., xxvii, 103-108, pls. x. xxv.

LXIV. 1852. Park Road, Handbridge, near gate leading to Chivas's Nursery. Stone cist, 47in. by 24in. outside, 42in. by 14in. inside, containing leaden coffin with portion of child's skeleton. Vases (2) one in Museum, the other lost.

Watkin, 219; C. A. J. (O.S.) i., 424-5 pl.

LXV. 1885. Handbridge. Church of St. Mary-without-the-Walls, east end and drain in direction of road. Seven interments of burnt bones, fragments of pottery, Samian ware, and a cinerary urn. Corinthian capital found in vicinity, in 1851, with silver coin of Trajan, 98-117 A.D. under it, and a sandstone hypocaust *pila* believed to have been found on site of Church Institute at corner of Eaton and Overleigh Roads. Museum.

Watkin, 200, fig., 219; Massie, C. A. J. (O.S.) i., 199; Haverfield, 174; Information of Miss M. V. Taylor. Unpublished.

LXVI. 1852. Eaton Road. Site of Villas on west side. Fragment of tombstone depicting a small sepulchral banquet relief, vases, urns, a cylindrical leaden urn containing ashes and burnt bones, coins from Vespasian to Constantine I, 69-387 A.D. Museum.

Watkin, 217, figs.; Massie, $C.\ A.\ J.\ ({\rm O.S.})$ i, 425, 460, fig.; Haverfield, 157.

LXVII. 1813. Eaton Road, W. Netherleigh. Cinerary urns containing ashes and lamps, "arranged in cells," four or six to a cell. A demi-figure.

Watkin, 217, citing Ormerod, i, 295; Pigot, 331; Hemingway, ii, 352.

c. 1848. Netherleigh. Twenty yards west of road. Figure of a Lion in the round on a plinth, of local sandstone, found a short time before 1848. Museum.

Watkin, 217, fig.; Haverfield, 168, fig.

1848. Considerable deposit of sepulchral urns discovered at Primrose Hill, side of road, South of Heron Bridge.

Watkin, 217; Roach Smith, J. B. A. A., v, 228.

LXVIII. 1900. Foregate Street, N. Under pavement in front of Messrs. Parry's Coach Factory, now Richardson's China Shop, at a depth of 4ft. 3in. Much worn cobble pavement laid to geometrical pattern in various colours, 6ft. to 15ft. out from building line. Four yards beyond a 4ft. 6in. length of lead pipe (believed Roman) was found discharging into small brick drain (removed). Fragments of bowl, and Samian ware (some embossed) found under paving.

Information of Mr. J. E. Mayers, contractor. Unpublished.

1897. Same site, and site of Brewer's Arms, now Miss Bannister's shop to west. Sandstone kerbing found just within building line. Cinerary urn, bronze objects and Samian ware. Museum.

Information of Mr. F. H. Williams, Cat., 53-100, 172-216, 220.

LXIX. 1903, 1914. Foregate Street, S. Co-operative Stores. Cross section of ditch, 17ft. wide, 5ft. 6in. deep. Total depth not ascertained. Stumps of burnt oak stakes. Much early pottery, including stamp of MEMORIS on form 37, etc.

Newstead, C. A. J., xxvii, 93-102, figs. 4-7.

LXX. 1899. Union Street. City Baths. U-shaped ditch or fosse, 215ft. long, 11ft. deep, running North and South. Principal small finds: one piece of early millefiori glass. flagon with pinched-in spout, an apparently early form. Some later forms of pottery. Bronze statuette of a cupid and fibula, in Museum.

Newstead, C. A. J., vi, 93; Williams, Cat., 144-5.

LXXI. 1838. Railway lines to Crewe. Two hundred yards North of turnpike on Tarvin Road. Pig of lead, inscribed IMP. VESP. V. T., etc. (74 A.D.) Museum.

Haverfield, 196; C. I. L., 1204; Watkin, 163, fig. (and op. cit.); Morris, C. A. J., iv., 68-77, fig.; Archael. Jour., xlix, 22; Williams, Synopsis, 67-8.

1849. Tarvin Road, N., near Bulkeley Street. Altar. GENIO > A. VERINI. Museum.

Haverfield, 4, fig.; C. A. J., vi., 78; C. I. L., 168; Watkin, 177, fig. ; Williams, Synopsis, 6; Erroneously ascribed by last two.

LXXIII. 1821.Tarvin Road, S., near junction of Cherry Road. Altar. NYMPHIS ET FONTIBUS. Eaton Hall Gardens.

Watkin, 175-7, fig., and op. cit.; Williams, Synopsis, 4; C. I. L., 171; Shrubsole, C. A. J., v, 31, pl., 38.

Cinerary urn found in vicinity, about 1800, and four earthenware vases found at Cherry Orchard, in 1870. Museum.

Hemingway, ii, 353; Watkin, 219-20; Hughes, C. A. J. (O. S.) iii, 264, pl.

LXXIV. 1897. Stocks Lane, N.E. Cremation burials. Urn of early type, not later than closing years of first 1900. Five urns. One complete containing cremated remains, the other broken. Museum.

Newstead, C. A. J., vi, 156, pl. 2; viii, 101.

LXXV. 1884. Eaton Road. Trench for water pipes, two feet wide. Roman road, from two to three feet below existing road, traced a distance of 600 yards northwards from Green Bank. Formed of a layer of boulder stones in hard clay, with a layer of coarse gravel above, which had originally formed the basis for flagged paving removed. At Stonehouse, nearer Chester, road more perfect, covered by flags 18in. by 12in., 8in. thick. Another portion of paving was discovered at Primrose Hill (See No. LXVII) in 1848, and in 1927 a small section consisting of a foundation of broken rock in puddled clay faced with roughly squared blocks of sandstone, also puddled, was discovered 17ft. within Mr. W. Schröder's garden on the East side of the road.

Watkin, 47-8; Shrubsole, Roman Remains, 157, C. A. J., i, 206; Newstead, ibid, xxvii.

LXXVI. 1927. Edgar's Field. Excavations for sewer obliquely across field. Preponderance of late pottery (third to fourth century), a few coins and portion of inscribed tablet. Museum. See LXIII.

Newstead, C. A. J., xxvii, 146-160, pls. xxiii-xxv.

LXXVII. 1886. Black Friars. Hypocaust, 13ft. below roadway, to floor of room 19ft. 8in. long with apsidal west wall 3ft. thick, 63ft. within city walls. Probably part of Villa or baths. Flue tiles, legionary tiles, and several coins, one of Constantine.

Watkin, 319; Hist. Soc. L. & C. (N.S.) iii, 53.

LXXVIII. 1831. The Castle. Fragment of inscribed tombstone found in wall near south-east angle of Julian Tower, the Norman gate-house from whence a drawbridge and ancient wooden bridge led to the causeway on the opposite side of the river. There may have been a bridge here in Roman times. Museum.

Haverfield, 114; Eph. Epigr., iv, 672, vii, 874; Williams, Synopsis, 44, fig.; Watkin, 212, fig., Arch. Jour., xlv., 181; Parker, Gent. Mag., 1858, 271, Mediæval Architecture of Chester, 12,

c. 1770. Tessellated paying, precise position not known (See LX).

Watkin, 192, citing Foote Gower, B. M. Add MS., 11,338, fol. 18. 1789. Fragments of stamped pottery, position not known, but probably under Shire Hall block.

Watkin, 225, citing Lysons Mag. Brit., ii, 431.

c. 1790. Concrete foundations of a building found in the time of Mr. Faithful Thomas, Governor. Watkin, 195.

LXXIX. 1814. Dee Hills. Long line of earthenware water pipes running East and West.

Shrubsole, C. A. J., v. 28-34, citing Hemingway, i, 429.

LXXX. 1867. Grosvenor Park. Line of earthenware water pipes running East and West, in direction of Post Office. Apparently in continuation of LXXIX. Museum, and St. John's Church.

Shrubsole, C. A. J., v, 28-34.

LXXXI. 1852. Alms Houses, behind Blue Coat School, Upper Northgate Street. Fragment of Antefix with boar, the badge of the twentieth legion, bronze fibula, spoon and vessel.

C. A. J. (O. S.) i, 153, 423-4, pls.

LXXXII. 1817. Foregate Street, N. Beaker of cream clay and coins found at South-east corner of Seller Street. 1826. Beaker of red clay found "in Foregate Street."

Watkin, 219; Hemingway, ii, 353.

1890. Under pavement between this site and City Road. Portion of dedicatory inscription on Silurian stone, 1in. thick, apparently used as paving. Museum.

Williams, Cat., 160, 225, 226.

LXXXIII. Vicinity of Abbot's Grange and Training College, Liverpool Road and Parkgate Road, Sepulchral urns and ashes. Bronze objects and Samian ware. Museum.

Watkin, 220; Williams, Cat., 1-27, 218, 223.

LXXXIV. ——. In the angle formed by junction of Liverpool Road and Parkgate Road. Paved roadway on rock cut away to receive it. Believed to branch in vicinity of LXXXIII towards Blacon and Wilderspool respectively.

Watkin, 55-58.

LXXXV. 1893. Thirty yards west of Pemberton's Parlour, outside city walls north. Fragment of tombstone Q. DOMITIVS, etc., and fragment of flooring tile inscribed LEG XX VV SVB LOGO PR.

Haverfield, 74, 202, Eph. Epigr., ix, 1275.

LXXXVI. 1921. 6, King's Buildings. Garden in rear of house. Undisturbed stratum at a depth of four feet, rich in pottery dating to last quarter of first and early years of second century.

Newstead, C. A. J., xxvii, 81-92, pls. viii, ix.

LXXXVII. 1886. Gas Works. Site of gasometer, West side of railway viaduct, Roodeye. 23ft. below ground. Pig of lead: IMP. VESP. AVG. (A.D. 74). Four human skulls, animal bones. Timber, and large pointed iron shoe of pile, probably of wharf on opposite side of then river bed. Coins of Vespasian and Titus, 69-81 A.D., pottery, abraded by the action of water amongst the pebbles of the beach. Cannel coal. Museum.

Williams, Synopsis, 67-8, fig.; Watkin, 163, fig.; Haverfield, 197, fig., Eph. Epigr., vii, 1121; Shrubsole, C. A. J., i, 80, pl.; Taylor, ibid., i, 106; Morris, ibid., iv., 68-77, fig.; Watkin, Hist. Soc., L. & C. (N.S.) iii, 52.

LXXXVIII. c. 1866, 1908. Watergate Street. Within gate, and behind Dee Stands outside City Walls. Massive sandstone retaining wall of quay, six feet thick (1866) from direction of last house but one in Watergate Flags, passing under corner of Watergate House garden and (1908) continuing outside walls (thickness not specified) towards LVI. Lead piping found in situ passing through last portion. Pottery. Timbers of believed Roman Wharf found outside Watergate in 1874.

Watkin, 156; Newstead, C. A. J., xvi., 115; Cheshire Sheaf (O.S.) iii, 149.

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LXXXIX. 1925. Frodsham Street, W. Messrs. Cory's petrol tank. Slight remains of metalled road found at a depth of six feet. Alabaster figure of Fortuna of 2nd century (King Charles's Tower). A small bottle of red ware. Part of Samian bowl No. 37 (figure of stag) and coin of Antoninus Pius.

Williams, C. A. J., xxvii, 191.

XC. c. 1884. Lower Bridge Street, E. Site of stable and bakehouse adjoining St. Olave's Street, in rear of "Mather's" House. First century urn burials.

Cheshire Sheaf, 1925.

XCI. 1630. Lower Bridge Street, W. Vault in Gamul House. Lateres bearing LEG. XX V. DE and LEG. XX V.V. Œ (Devensis).

Brushfield, C. A. J. (O.S.) iii, 20, fig.; Cheshire Sheaf (O.S.) iii, 172; Watkin. 117, fig.; Williams, Synopsis, 70; Haverfield, Eph. Ep., ix, 1274.

XCII. 1924-5. River bank at Little Roodeye. Human skull, fractured, found in river silt about 11ft. below highwater mark.

Recorded by Prof. R. Newstead, F.R.S. Unpublished.

XCIII. 1885. Vicinity of Snuff Mills, Handbridge. Gold coin of Titus (79-81 A.D.) found when excavating for drain.

Watkin, 229.



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Where more than one reference is given, as a rule greater reliance can be placed upon the more recent, although the contemporary authorities often supply additional information. In some cases of discrepancy an opinion is given with the reference.

