

### **St.Helens rolled plans**

- 92.1a St.Helens Corporation Electricity Department. Plan of destructors. Scale:  $\frac{1}{8}$  inch to 1 foot. Drawn by J.S. Highfield, Engineer. Dated 23 Jul 1902.
- 92.1b County Borough of St.Helens. Plan and sections show baffling chamber. Scale: 4 feet to 1 inch. Drawn by George Broom, Borough Engineer. No date.
- 92.1c Plan, sectional elevation and section show baffling chamber. Scale:  $\frac{1}{2}$  inch to 1 foot. Dated 11 Mar 1891.
- 92.1d County Borough of St.Helens. Plan and sections show baffling chamber. Scale: 4 feet to 1 inch. Drawn by George Broom, Borough Engineer. No date.
- 92.1e St.Helens Corporation Electricity Works. Arrangement to down take flues to suit Musgrave's superheaters. Scale:  $\frac{3}{8}$  inch to 1 foot. No date.
- 92.1f St.Helens Electricity Works. Full size sketch of abutment blocks. Includes 5 inches x 3 inches lip joust. Note includes suggested arrangement of abutment blocks for baffling chamber destructor. Scale: 1 inch to 1 foot. No date.
- 92.2a County Borough of St.Helens. Section of new line to depot in Boundary Road from Glass works. Includes 7 cross sections. Scale: 20 feet to 1 inch. No date.
- 92.2b Two longitudinal sections, from the junction with Eccleston Branch of the new line to the depot in Boundary Road. Scale: 20 feet to 1 inch. No date.
- 92.2c Longitudinal section of new line from Eccleston Street to Boundary Road Depot. No scale. No date.
- 92.2d Plan and sections show destructor shed. No scale. No date.
- 92.2e Detailed ink drawing of west elevation of the depot in Boundary Road. Scale: 8 feet to 1 inch. No date. 3 copies
- 92.4 Map of the County Borough of St.Helens. Shows 2 sets of concentric rings, the first centred on Parr Manure Depot, the second on the Brickworks near the Eccleston Branch Railway. The circles cross at a radius of 1 mile and encompass the pipe and brick works, copper works and St.Helens Station. Scale: 6 inch to 1 mile. Drawn by George Broom, Borough Engineer Mar 1910.
- 92.6a Plan of proposed lime house for refuse destructor works in Boundary Road. Includes section, front elevation and side elevation. No contract number. Dated 20 Oct 1906. Scale: 8 feet to 1 inch. Signed by George Broom, Borough Engineer.
- 92.6b Refuse destructors and Boundary Road Depot. General plan shows Bound-

ary Road and Carlton Street. Shows railway lines. Scale: 41.66 feet to 1 inch. Copied from plan by the London and North Western Railway Company. 8 Jul 1898

- 92.6c Refuse destructors at Boundary Road Depot. General plan shows Boundary Road, Croppers Hill, Eccleston Street, Hatton Street, Doulton Street, Cyril Street, Tullis Street, Pemberton Street, Duncan Street, Crispin Street, Borough Road, Liverpool Road, Westfield Street, Raglan Street, Lyon Street, Havelock Street, Napier Street, Lawrenson Street, Windus Street, Knowsley Road, Cambridge Road, Carlton Street, Enfield Road, and Sidgreaves Street. Scale: horizontal 41.66 feet to 1 inch. No date.
- 92.6d Plan shows roof of pail shed for refuse destructor at Boundary Road Depot. Scale: ½ inch to 1 foot. Includes details (scale: ¼ full size). Contract No. 750. Drawing No. 4. Signed by George Broom, Borough Engineer. No date.
- 92.6e County Borough of St.Helens. Plan of refuse destructor at Boundary Road Depot. Includes sections of railway, road and retaining walls, side elevations, longitudinal sections and five cross sections. Scale: horizontal 16 feet to 1 inch; vertical 16 feet to 1 inch. Contract No. 759. Drawing No. 2. Drawn by George Broom, Borough Engineer. No date.
- 92.6f Plan shows pail shed for refuse destructor at Boundary Road Depot. Includes elevations and sections. Scale: ⅛ inch to 1 foot. Drawing No. 759. Drawing No. 3. Signed by George Broom, Borough Engineer. No date.
- 92.6g County Borough of St.Helens. Refuse destructors at Boundary Road Depot. Includes plan of office, tanks in pail shed, cast iron tank in destructor shed, flue and baffling chamber. Contract No. 759. Drawing No. 5. Drawn by George Broom, Borough Engineer. No date.
- 92.6h County Borough of St.Helens. Longitudinal section, south elevation and east elevation of shed for refuse destructor at Boundary Road Depot. Scale: ⅛ inch to 1 foot. Contract No. 759. Drawing No. 7. Drawn by George Broom, Borough Engineer. No date.
- 92.6i County Borough of St.Helens. Plan, sections and elevations of engine house and battery room at Boundary Road Depot. Scale: 8 feet to 1 inch. Contract No. 759. Drawing No. 11. Drawn by George Broom, Borough Engineer. No date.
- 92.6j County Borough of St.Helens. Details of roofs of engine house and battery room at Boundary Road Depot. Scale: ½ inch to 1 foot, contract No. 759. Drawing No. 12. Drawn by George Broom, Borough Engineer. No date.
- 92.7a General plans show Boundary Road depot including Health Department (3145 square yards), pail shed and destructor shed, stables, Electricity Department (3131 square yards) and Highway Department (7471 square yards). Plan also shows Eccleston Street, Lawrenson Street, Napier Street and Carlton Street. Scale: 41.66 feet to 1 inch. Signed by George Broom, Borough Engineer, on 16 Aug 1899.

- 92.7b Plan Boundary Road Depot. Shows Health Department (3145 square yards), Electricity Department (9454 square yards) and Highway Department (6929 square yards). Plan also includes Napier Street, Eccleston Street, Lawrenson Street, Sidgreave Street, Carlton Street and Maxwell Street. Scale: 41.66 feet to 1 inch. Dated Mar 1908.
- 92.7c Plan of the land between Boundary Road, Lawrenson Street, Sidgreaves Street and Carlton Street. Plots are coloured to represent land sold to the Highway Department, Health Department, Road Department and Electricity Department. Scale: 41.66 feet to 1 inch. Dated 28 Mar 1908.
- 92.7d Letter by George William Bailey, Town Clerk, regarding the apportionment of land and rent in Boundary Road. Dated 23 Aug 1899.
- 92.7e Plan of the electricity station off Boundary Road. Includes cooling towers Nos. 1-4, office and pump house and well. Scale: 41.66 feet to 1 inch. Dated Jan 1916.
- 92.7f Plan shows the apportionment of land in Boundary Road. Scale: 41.66 feet to 1 inch. No date.
- 92.7g Plan of land at Boundary Road Depot. Shows the refuse destructor, the sewer from behind the pail shed and the position of manhole and gullies to be fitted. Includes cross section. Scale: 41.66 feet to 1 inch. Scale: 4 feet to 1 inch. No date.
- 92.7h Plan of land in Boundary Road. Showing London and North Western Railway lines and the refuse destructor shed. No scale. No date.
- 92.7i County Borough of St.Helens. Plan of land in Boundary Road. Shows the refuse destructor, stables, sewer and gullies in Lawrenson Street and a 3 feet wide footpath. Includes cross section. Scale: 41.66 feet to 1 inch.
- 92.8a County Borough of St.Helens. Proposed refuse storage and hydraulic piping at the Boundary Road Depot. Includes sections. Scale: ¼ inch to 1 foot. No date.
- 92.8b Plan, cross section and front elevation showing proposed refuse destructor. Scale: 8 feet to 1 inch. Drawing No. 20198. Drawn by Beaman and Deas Limited, 82 Victoria Street, Westminster, London. Dated 19 Jan 1898. In two pieces. Handle with care.
- 92.8c Plan and elevation show foundation for ram cylinder. Drawing No. 32398. Drawn by Beaman and Deas Limited, 82 Victoria Street, Westminster, London. Scale: ½ inch to 1 foot. Dated 5 Jul 1898. Stamped by St.Helens Borough Engineers Department on 7 Jul 1898.
- 92.8d Sectional elevation of refuse destructor building in Boundary Road. Scale: ⅛ inch to 1 foot. No date.

- 92.8e Blueprint of belt-driven hydraulic pump. Side elevation shows fly wheel,  $1\frac{7}{8}$  inch diameter plungers, 6 inch stroke, Edmeston Patent Friction Clutch Pulley and cast iron plummer block to support end of shaft. Scale:  $1\frac{1}{2}$  inch to 1 foot. Dated 16 Jun 1900.
- 92.8f County Borough of St.Helens. Plan shows proposed refuse storage and hydraulic tipping platform for refuse destructors at Boundary Road Depot. Includes sections. Scale: plan:  $\frac{1}{4}$  inch to 1 foot; section:  $1\frac{1}{2}$  inch to 1 foot. Dated 18 Aug 1900.
- 92.8g County Borough of St.Helens. Small plan shows engine house and refuse destructor shed at Boundary Road Depot. Scale:  $\frac{1}{8}$  inch to 1 inch. No contract number. No date.
- 92.8h Plan shows engine room, battery room, office, test room, condensers and fitting shop at Boundary Road Depot. Scale: 8 feet to 1 inch. No contract number. No date.
- 92.8i County Borough of St.Helens. Plan of refuse destructor shed at Boundary Road Depot. Scale: 8 feet to 1 inch. No date.
- 92.8j Plan of refuse destructor at Boundary Road Depot. No scale. No date.
- 92.8k County Borough of St.Helens. Plan, side elevation and section show proposed refuse storage and electric tipping arrangement for Boundary Road Depot. Scale:  $\frac{1}{2}$  inch to 1 foot and  $1\frac{1}{2}$  inch to 1 foot. No date.
- 92.8l St.Helens Corporation. Plan and sections show proposed refuse storage and lifting arrangement for Boundary Road Depot. Scale:  $\frac{1}{2}$  inch to 1 foot. Drawing no. 1564. Drawn by Meldrum Brothers Limited, engineers, Manchester. Dated 1 Jun 1900.
- 92.8m Longitudinal section of drain at refuse destructor works at the Boundary Road Depot. Includes a well, rails and manhole. Scale: horizontal 1/500; vertical 10 feet to 1 inch. Dated 11 Apr 1900.
- 92.8n County Borough of St.Helens. Arrangement shows elevator bases let into wall at refuse destructor works at the Boundary Road Depot. Shows floor line, tipping level and angle of tilt. Scale:  $\frac{1}{4}$  inch to 1 foot. Drawn by Beaman and Deas Syndicate Limited. Signed by A.J. Liversedge, engineer and director. Drawing No. 24698. Dated 11 Mar 1898. Stamped by Borough Engineers Department on 14 Mar 1898.
- 92.8o Side elevation of Henderson's Patent Automatic Self-Cleaning Furnaces, as applied to refuse destructors. No scale. Stamped by Thomas Henderson, Trueman Street, Liverpool. No date.
- 92.8p Longitudinal section of Henderson's Patent Automatic Self-Cleaning Furnaces, as applied to refuse destructors. No scale. Stamped by Thomas Henderson, Trueman Street, Liverpool. No date.

- 92.8q West elevation of the Refuse Destructor Depot, Boundary Road. Scale: 8 feet to 1 inch. No date. Two copies.
- 92.8r Small plan shows additions to the refuse destructor shed in Boundary Road. Includes engine house, stores, drawing office, office, fitting shop and meter room. Scale: 1/500. No date.
- 92.8s County Borough of St.Helens. Plan shows refuse destructor in Boundary Road. Includes proposed high level road and land reserved for Generating Station. Also shows the London and North Western Railway lines. Scale: 10 feet to 1 inch. Drawing No 2029. Drawn by the Beaman and Deas Syndicate Limited. Signed by A.J. Liversedge, Engineer and Director. Dated 19 Jan 1898.
- 92.9a Diagram of temperatures of the refuse destructor in Leyton, London. From Saturday 27 Feb 1897 to Sunday 14 Mar 1897 the average daily consumption was 11 tons 3 centum weight and the average daily residue of clinker and ashes was 2 tons, 11 centum weight (22.87% of total consumption). For the second week the figures were 15 tons, 10 centum weight and 5 tons, 13 centum weight (36.45% of total consumption).
- 92.9b Diagram of temperatures of the refuse destructor in Leyton, London. From Sunday 28 Mar 1897 to Sunday 4 Apr 1897 the total consumption was 146 tons, 7 centum weight and 2 quarts. Total residue of clinkers and ashes was 53 tons (36% of total consumption).
- 92.9c Diagram of temperatures of the refuse destructor in Leyton, London. From Monday 5 Apr 1897 to Saturday 10 Apr 1897 the total consumption was 145 tons, 15 centum weights and 2 quarts. Total residue of clinkers and ashes was 54 tons and 11 centum weight (33.97% of total consumption).
- 92.9d Diagram of temperatures of the refuse destructor in Leyton, London. From Monday 1 Nov 1897 to Wednesday 3 Nov 1897 the total sludge consumed was 89 tons and the total refuse consumed was 117 tons and 14 centum weights. The total residue was 58 tons, 12 centum weights. Total residue of clinkers and ashes was 28.70% of total consumption.
- 92.10a St.Helens Corporation Tramways. Plan of motor generator panel at generating station. Scale: 1½ inches to 1 foot. Signed by the British Thomson-Houston Company Limited, 88 Cannon Street, London. Dated Feb 17 1898.
- 92.10b St.Helens Lighting. Assembly of switch board. Shows battery switches, ammeters and voltmeters. Scale: 1½ inches to 1 foot. Drawing no. 2610/64. Signed by M. Osborne. Stamped by the British Thomson-Houston Company Limited, Electrical Engineers and Contractors, 83 Cannon Street, London. Dated 4 Mar 1898.
- 92.10c St.Helens Corporation Tramways. Assembly of switchboard at generating station. Scale: 1½ inches to 1 foot. Drawing no. 2546/64. No date.
- 92.10d Plan and side elevation shows the assembly of tandem compound engine

(11 inches x 19 inches x 16 inches) coupled direct to railway generator at St.Helens Tramways Generating Station. Stamped by the British Thomson-Houston Company Limited, Electrical Engineers and Contractors, 83 Cannon Street, London. Drawing No. 2570/53. No date.

- 92.10e 2 sections show arrangements of switch pillar for switchboard of St.Helens Tramways Generating Station. No scale. Stamped by the British Thomson-Houston Company Limited, Electrical Engineers and Contractors, 83 Cannon Street, London. Drawing no. 2575/7. No date.
- 92.10f 150 amps switchboard for St.Helens Tramways Generating Station. Shows ammeters, voltmeters, discharge, charge, meter, service generator and shunt motor and generator. Scale: 3 inches to 1 foot. Stamped by the British Thomson-Houston Company Limited, 83 Cannon Street, London. Drawing no. 2611/64. Dated 5 Mar 1898. Signed by F. Samuelson.
- 92.10g Diagram of a side-arm bracket of a lamp-post at St.Helens Tramways Generating Station. Scale: 1 inch to 1 foot. Stamped by the British Thomson-Houston Company Limited, Electrical Engineers and Contractors, 83 Cannon Street, London. Drawing no. 2615/64. Dated 5 Mar 1898. Signed by F. Samuelson.
- 92.10h Diagram of a wall rosette for St.Helens Corporation Tramways Generating Station. No scale. Stamped by the British Thomson-Houston Company Limited, London. Drawing No. 2617/64. Dated 16 Feb 1898.
- 92.10i Plan of St.Helens Corporation Tramways Generating Station. Scale: ¼ inch to 1 foot. No date. Very poor condition. Not open for public consultation.
- 92.11 Outlet for storm water sewers in Newton-le-Willows. Plan shows flagging of road and fitting of a 15 inch pipe sewer running from Cambridge Road along the side of the recreation ground and to the canal feeder. Shows Hanover Street, Tamworth Street, Horace Street, culvert and Lingholme Road. Includes longitudinal section, detail of syphon and cross sections. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No contract number. No date.
- 101a Map shows River Mersey joining the sea at Score Bank and Dungeon Bank. Includes Widnes, Manchester Ship Canal, Runcorn Sands, Penketh, Warrington, Great Sankey, Moore, Norton, Daresbury, Halton, Stockham, Clifton, Weston, Cronton, Ditton, Halewood, Speke, Woolton, Childwall, Whiston and Huyton. No scale. Drawn by Charles and Read Limited, lithographers, 27 Chancery Lane, London. No date. 3 copies.
- 101b Map of St.Helens and area, including Newton-in-Makerfield, Newton-le-Willows, Earlestown, Burtonwood, Winwick, Haydock, Ashton-in-Makerfield, Billinge, Winstanley, Rainford, Windle, Eccleston, Knowsley, Prescot, Bickerstaffe, Simonswood and Croxteth Park. No scale. No date.
- 108.1 Sections of intended Vyrnwy Aqueduct from the Sheffield and Midland Joint Lines over the Liverpool Extension railway public road to Liverpool and

Manchester Railway, Huyton and St.Helens Railway and existing reservoirs of the corporation of Liverpool at Prescot. Scale: horizontal 10 chains to 1 inch; vertical 100 feet to 1 inch.

- 108.3 Corporation Water Works. Plan of Hardshaw Estate shows College Street with 7 inch and 3 inch mains, Corporation Street with 3 inch and 4 inch mains, Sharp Street with 3 inch mains, Charles Street with 4 inch mains, Hardshaw Street with 4 inch mains and Parade Street, Tolver Street, Shaw Street, Standish Street and Clifton Street all with 3 inch mains (coloured blue). Plan also shows Strickland Street, Garswood Street, Frederick Street, Ashton Street, Birchley Street, Brynn Street, Vincent Street, Penketh Street, Alfred Street, Princess Street and Hall Street. Includes site of Town Hall buildings, Holy Cross Church, Hardshaw Hall and Gerards Bridge Chemical Works. Scale: 88 feet to 1 inch. Taken from Ordnance Survey sheets, 27 Sep 1880.
- 108.4a Plan and sections show septic tank. Includes elevation of outfall chamber. No date.
- 108.4b Plan and sections show ash tracks. No date.
- 108.5a Map shows the lines of sewers in the Rural Township of Eccleston. Plan includes new asylum in Rainhill, London and North Western Railway, Eccleston Dam, Eccleston Hall Farm, Dentons Green and Sandy Lane Farm Estate. Includes key to map. Scale: 500 feet to 1 inch. Drawn by William Goldsworth, Surveyor, Bank Buildings, Prescot. Dated 24 Aug 1883.
- 108.5b Report on the sewerage of Eccleston Township, within the district of the Prescot Union Rural Sanitary Authority. Written by William Goldsworth. Dated 1883.
- 108.8a St.Helens Corporation Waterworks. Plan shows engine house, coal shoot and stoking floor of proposed new pumping station at Cronton. Includes section, east elevation, north elevation and elevation of chimney. Scale: 5 feet to 1 inch. Sheet no. 2. Signed by William Gaskin on 11 Dec 1878.
- 108.8b St.Helens Corporation Waterworks. Plan shows engine house, coal shoot and stoking floor of proposed new pumping station at Cronton. Includes section, east elevation, north elevation and elevation of chimney. Scale: 5 feet to 1 inch. Sheet no. 2. Signed by William Gaskin on 25 Apr 1879.
- 108.8c St.Helens Corporation Waterworks. Plan shows line of pipes connecting the proposed new pumping station at Cronton with the existing Whiston main.
- 108.8d St.Helens Corporation Waterworks. Plan, section and elevation show Cronton Pumping Station. Shows railway bridge in Cumber Lane. Scale: 8 feet to 1 inch. Plan submitted to Mr. Worthington on 8 Jul 1879.
- 108.9 St.Helens Corporation Waterworks. Plan of Eccleston Street and plan of Cowley Hill. Water mains already laid are shown in blue. Scale: 88 feet to 1 inch. Taken from Ordnance Survey sheets created on 13 Nov 1880. Dated

8 Jun 1881.

- 108.12 St.Helens Corporation Waterworks. Improvements to Eccleston Lane. Plan shows 2 inch and 3 inch mains pipes. Includes section showing Rivington main 44 inches at right angles to Eccleston Lane sewer. Scale: horizontal: 44 feet to 1 inch; vertical 10 feet to 1 inch. Dated 1880.
- 108.13 St.Helens Corporation Waterworks. Queens Park Estate. Shows proposed connection between 12 inch main in Liverpool Road and new 5 inch and 3 inch mains in Regents Road, Princess Road, Queens Road, Kings Road and Laurel Road. Shows St. Annes Gardens and the bowling green. Scale: 30 feet to 1 inch. Drawn by William Gaskin, Water Engineer on 8 Jun 1881.
- 108.14 Ordnance Survey map of England, Wales and Scotland. No date. Very poor condition. Not for public consultation.
- 108.15a St.Helens Improvement Commissioners. Waterworks. Section of water-course from the reservoirs near Eccleston Hall to Roughley's Brow near Trap Lodge on the margin of Knowsley demesne. Includes Sales Wood and several streams. Scale: horizontal 88 feet to 1 inch; vertical 3 feet to 1 inch. Dated Aug 1858.
- 108.15b St.Helens Improvement Commissioners. Plan and section of watercourse from reservoirs near Eccleston Hall to Roughley's Brow. Scale: horizontal 20 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- 108.15c Longitudinal section and several cross-sections show water-course from Paddock Dam to Knowsley Park. Scale: horizontal 50 feet to 1 inch. Surveyed by Mr. Beloe and Mr. Wilson on 22, 23 and 25 Sep 1874. Signed by Mr. Beloe.
- 108.16 St.Helens Water Supply. Table shows rainfall (in inches) at Eccleston Hall from 1869 to 1888. No scale. Dated 16 Jul 1890.
- 108.17a St.Helens Corporation Waterworks. Section of line of Rivington Aqueduct, from Prescott Reservoir to Montrey Reservoir. Includes Eccleston Hall and Prescott Road. Scale: horizontal 6 inch to 1 mile; vertical 20 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer, Sep 1920.
- 108.17b County Borough of St.Helens. Proposed water main from Rivington Aqueduct to Brown Edge Reservoir. Shows existing 15 inch and 21 inch water main, the Scholes in Scholes Lane and Eccleston Hall. Scale: 1/2500. No date.
- 108.18a Colour plan of proposed tennis courts on recreation ground in Bishop Road. No scale. Drawn by Arthur W. Bradley, Borough and Water Engineer, Nov 1921.
- 108.18b Plan of proposed tennis courts on recreation ground in Bishop Road. Includes pavilion, shelters and conveniences. No scale. Drawn by Arthur W. Bradley, Borough and Water Engineer, Nov 1921.



- 108.18c Plan of recreation grounds in Bishop Road and surrounding streets. Shows area of 5200 square yards (coloured blue) to be given up by cricket field, and area of 5200 square yards (edged red) to be given to cricket field. Scale: 1/500. Drawing No. 1244. Drawn by Arthur W. Bradley, Borough and Water Engineer. No date.
- 108.18d Plan of recreation grounds in the Bishop Road and Gamble Avenue area. Shows Rivington Road (coloured red), a portion of the recreation ground (coloured blue) and an area of land next to Tennis Street North (coloured yellow). No scale. Drawn by Arthur W. Bradley, Borough and Water Engineer in Nov 1921.
- 108.18e Plan of recreation grounds in the Bishop Road and Gamble Avenue area. Includes a tennis pavilion near Tennis Street North, cricket pavilions near Windleshaw Road, a growing fence on the recreation ground and a close boarded fence along Rivington Road. Scale: 1/500. Drawing No. 1266. Drawn by Arthur W. Bradley, Borough and Water Engineer. Dated Nov 1921 and 1 Mar 1922.
- 108.18f Plan and longitudinal section of storm and foul sewers in Rivington Road, from Windleshaw Road to Gamble Avenue. No scale. No date.
- 108.18g Plan shows 9 inch foul sewer and 9 inch storm sewer to be fitted in Rivington Road, from Windleshaw Road to Gamble Avenue. Includes position of manhole and gullies. Scale: 41.66 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer. No date.
- 108.18h Plan of storm and foul sewers in Rivington Road, from Windleshaw Road to Gamble Avenue. Scale: 41.66 feet to 1. Drawn by Arthur W. Bradley, Borough and Water Engineer. No date.
- 108.18i Plan of Rivington aqueduct in Rivington Road, from Windleshaw Road to Gamble Avenue. Includes longitudinal section and 8 cross sections. Scale: horizontal 41.66 feet to 1 inch. No date.
- 108.18j Longitudinal section and 8 cross sections show storm and foul sewers in Rivington Road, from Windleshaw Road to Gamble Avenue. Scale: horizontal 41.66 feet to 1 inch. No date.
- 108.18k Details of storm and foul sewers in Rivington Road, from Windleshaw Road to Gamble Avenue. Includes plan and section of Rivington water main. No scale. No date.
- 108.18 Details of storm and foul sewers in Rivington Road, from Windleshaw Road to Gamble Avenue. Includes two plans, two sections labelled A, B and C, D and section showing typical gully connection. No scale. No date.
- 110.a Plan for the extension of St. Helens Cemetery to Rainford Road. Area of 41.43 acres was to be taken. Includes Windle Smithies. Drawn by Arthur W. Bradley, Borough Engineer, 1927. Scale: 1/2500.

- 110.b Plan for the extension of St.Helens Cemetery to Rainford Road. Shows a strip of land 150 feet wide incorporating Windle Smithies. Includes proposed Liverpool to East Lancashire Road, Windle Grange and Vicarage. Scale: 1/2500. Drawn by Arthur W. Bradley. 1927.
- 110.c Plan of extension of St.Helens Cemetery to Rainford Road. Shows an area of 5.119 acres and a proposed road from Hard Lane to Rainford Road. Scale: 1/2500 or 208.33 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer. No date.
- 110.d County Borough of St.Helens. Cemetery extensions. Trial holes numbers 1 to 7. Scale: 4 feet to 1 inch. Plan No. 2019. Drawn by Arthur W. Bradley, Borough Engineer. No date.
- 110.e County Borough of St.Helens. Cemetery extensions. Trial holes numbers 1 to 7. Scale: 4 feet to 1 inch. Plan No. 2019. Drawn by Arthur W. Bradley, Borough Engineer. No date.
- 110.f Plan for the extension of St.Helens Cemetery to Rainford Road. Shows a strip of land 150 feet wide incorporating Windle Smithies. Includes proposed Liverpool to East Lancashire Road, Windle Grange and Vicarage. Scale: 1/2500. Drawn by Arthur W. Bradley, Borough Engineer. 1927.
- 110.1a County Borough of St.Helens. Cemetery grave spaces. Shows sections 29, 30 and 31. Grave spaces are numbered in each section. Includes boundary prior to extension. Scale: 16 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. No date.
- 110.1b County Borough of St.Helens. Cemetery grave spaces. Shows sections 29, 32 and 33. Grave spaces are numbered in each section. Scale: 16 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. No date.
- 110.1c County Borough of St.Helens. Cemetery grave spaces (Church of England). Shows sections 29, 34, 35 and 36. Graves are numbered in each section. Scale: 16 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. No date.
- 110.1d County Borough of St.Helens. Cemetery grave spaces (Church of England). Shows section 37. Grave spaces are numbered. Scale: 16 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. No date.
- 110.1e County Borough of St.Helens. Cemetery grave spaces (Church of England). Shows sections 38, 39, 40 and 41. Grave spaces are numbered in each section, Scale: 16 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. No date.
- 110.1f County Borough of St.Helens. Cemetery grave spaces (Non-Conformist). Shows sections 42, 43, 44 and 45. Grave spaces are numbered in each section. Scale: 16 feet to 1 inch. Drawn by Arthur W. Bradley, Borough En-

gineer and Surveyor. No date.

- 110.1g County Borough of St.Helens. Cemetery grave spaces (Non-Conformist). Shows sections 42 and 46. Grave spaces in each section are numbered. Scale: 16 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. No date.
- 110.1h County Borough of St.Helens. Cemetery grave spaces. Shows sections 29, 30 and 31. Grave spaces are numbered in each section. Includes boundary prior to extension. Scale: 16 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. No date.
- 110.1i County Borough of St.Helens. Cemetery grave spaces. Shows sections 29, 32 and 33. Grave spaces are numbered in each section. Scale: 16 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. No date.
- 110.1j County Borough of St.Helens. Cemetery grave spaces (Church of England). Shows sections 29, 34, 35 and 36. Graves are numbered in each section. Scale: 16 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. No date.
- 110.1k County Borough of St.Helens. Cemetery grave spaces (Church of England). Shows section 37. Grave spaces are numbered. Scale: 16 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. No date.
- 110.1l County Borough of St.Helens. Cemetery grave spaces (Church of England). Shows sections 38, 39, 40 and 41. Grave spaces are numbered in each section, Scale: 16 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. No date.
- 110.1m County Borough of St.Helens. Cemetery grave spaces (Non-Conformist). Shows sections 42, 43, 44 and 45. Grave spaces are numbered in each section. Scale: 16 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. No date.
- 110.1n County Borough of St.Helens. Cemetery grave spaces (Non-Conformist). Shows sections 42 and 46. Grave spaces in each section are numbered. Scale: 16 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. No date.
- 110.2a County Borough of St.Helens. Cemetery extension. Longitudinal section shows position of a 9 inch pipe sewer to be fitted from St. Thomas' Well along private road, Rainford Road and into passage at rear of Hartington Street. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated 3 Jan 1914.
- 110.2b County Borough of St.Helens. Cemetery drainage. Plan of 9 inch pipe sewer from St. Thomas' Well to passage at rear of Hartington Street. Scale: 208.33 feet to 1 inch. No date.

- 110.2c County Borough of St.Helens. Proposed cemetery extension and drainage. Longitudinal sections show 9 inch pipe sewer to be fitted through private road, Hartington Street, Rosebury Street, arable land and Rainford Road. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer. Dated 25 Feb 1914.
- 110.2d Plan for resurfacing of Rainford Road and passage near cemetery. Includes longitudinal sections. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- 110.2e County Borough of St.Helens. Proposed cemetery extension and drainage. Longitudinal sections from St. Thomas' Well to the passage at the rear of Hartington Street. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- 110.2f County Borough of St.Helens. Proposed cemetery extension and drainage. Alternative route from the private road to the cemetery along Rainford Road past Kingsley Road, Walton Road, into Greenfield Road and Hammill Street. Includes a longitudinal section showing position of 9 inch, 12 inch, and 15 inch pipe sewers. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer. Dated 26 May 1914.
- 110.3a County Borough of St.Helens. Plan, front elevation and end elevation show proposed table for Church of England Mortuary Chapel. Scale: 1 inch to 1 foot. Drawn by Arthur W. Bradley, Borough Engineer. Dated 6 Jul 1914. Copy was forwarded to Turley and Son.
- 110.3b Proposed alterations to Church of England Mortuary Chapel. New floor was to be laid with  $1\frac{1}{8}$  inch wooden blocks and 12 feet x 7 feet stone steps were to be built. Includes section. Scale:  $\frac{1}{4}$  inch to 1 foot. No date.
- 110.3c Specification for the supply of a table for the Mortuary Chapel, at the Cemetery. Typed specifications by Arthur W. Bradley, Borough Engineer. No date.
- 110.3d Pencil drawing of design on side of table for Church of England Mortuary Chapel. No scale. No date.
- 110.3e Small sketch of amended design of table in the Church of England Mortuary Chapel. No scale, No date.
- 110.4a Plan of St.Helens general cemetery. Map is divided into areas from 1 to 29. Map includes registrar's and sexton's houses, old burial ground, mortuary chapels and a stone yard. Scale: 40 feet to 1 inch. Drawn by George Broom, Borough Engineer. 1885.
- 110.4b Plan of St.Helens General Cemetery, 1858. Map is divided into areas 1 to 29. Scale: 40 feet to 1 inch. Dated 14 Jun 1900.
- 110.4c Memorandum from the Parks, Markets, Public Buildings and Cemetery

Committee concerning the reduction of prices of burial plots from £5 to £3, from £5 to £2, from £5 to £2.10s. 0 and some land to be made not purchasable. Dated 14 Jun 1900.

- 110.4d Plan of St.Helens General Cemetery. Map is divided into areas nos. 1-29. Map includes the 3 mortuary chapels, old burial ground, stone yard, sexton's house and registrar's house. Scale: 40 feet to 1 inch. Drawn by George Broom, Borough Engineer. Dated 16 Jan 1907.
- 110.4e Plan of St.Helens General Cemetery, 1858. Scale: 40 feet to 1 inch. Drawn by George Broom, Borough Engineer. No date.
- 110.4f Plan of St.Helens General Cemetery. Map is divided into areas nos. 1 to 29. Part of areas 12 and 13 are shaded red. Shows three mortuary chapels, old burial ground, registrar's house and stone yard. Scale: 40 feet to 1 inch. Dated 17 Jun 1908.
- 110.4g Pencil drawing showing areas 19, 20, 21 and 22 of St.Helens General Cemetery. No scale. No date.
- 110.4i Pencil drawings showing areas 23, 24, 25, 27, 28T and 28U of St.Helens General Cemetery. No scale. No date.
- 110.4j Pencil drawing showing areas 3, 4, 6 and 7 of St.Helens General Cemetery. No scale. No date.
- 110.4k Rough sketch of areas 1-29 of St.Helens General Cemetery. No scale. 1858.
- 110.4L Plan showing area taken up by graves in St.Helens Cemetery. Includes the stone yard, mortuary chapels, old burial ground and registrar's and sexton's houses. Scale: 40 feet to 1 inch. No date.
- 110.5a Plan shows arrangement of trees, shrubs and walkways in St.Helens cemetery. No scale. No date.
- 110.5b County Borough of St.Helens. Suggested extension of the cemetery. Shows Windle Hall, Hard Lane and Rainford Road. Areas of the cemetery include Church of England church, Roman Catholic church and area for dissenters. Includes plan of paths through cemetery. Areas of extension consisted of 16572 square yards and 12428 square yards. Dated 16 Mar 1901.
- 110.5c County Borough of St.Helens. Plan shows suggested extension of the cemetery. Land belonged to Messrs. Greenhall Whitley and Company. Includes Hard Lane and Abbey Road. Scale: 208.33 feet to 1 inch. Dated 8 Jun 1901.
- 110.5d County Borough of St.Helens. Colour plan of areas within the Cemetery e.g. Roman Catholic (coloured pink) and Dissenters (coloured yellow). The Church of England portion consists of 12538 square yards, Roman Catholic portion consists of 17416 square yards and Dissenters' portion consists of

11942 square yards. Total: 41896 square yards. Scale: 41.66 feet to 1 inch. No date.

- 110.5e County Borough of St.Helens. Plan shows suggested extension of the cemetery. Includes Hard Lane and Abbey Road. Scale: 208.33 feet to 1 inch. Dated 10 Jul 1907.
- 110.5f Plan shows areas to be taken for the extension of St.Helens cemetery. Scale: 1/500. No date.
- 110.5g Plan of St.Helens cemetery shows paths, buildings and surrounding streets including Rainford Road, Hard Lane, Kiln Lane, Speakman Road, Windleshaw Road and Greenfield Road. Scale: 208.33 feet to 1 inch. Drawn by George Broom, Borough Engineer. No date. Two copies of same plan.
- 110.5h County Borough of St.Helens. Plan shows extension of St.Helens cemetery (coloured pink). Includes Rainford Road, Hard Lane, Kiln Lane, Speakman Road, Windleshaw Road and Greenfield Road. Scale: 208.33 feet to 1 inch. Drawn by George Broom. No date.
- 110.5i Plan shows various paths and areas in St.Helens Cemetery. No scale. No date. Very fragile. Handle with care.
- 110.5j Plan shows various paths and areas in St.Helens Cemetery. No scale. No date.
- 110.5k Plan shows the allocation of various areas in St.Helens Cemetery e.g. Non-Conformist etc. No scale. No date.
- 110.5L Plan of Windle Grange, Vicarage and surrounding area. No scale. No date.
- 110.5m County Borough of St.Helens. Suggested extension of the Cemetery. Land belonged to R. Pilkington Esquire. Scale: 208.33 feet to 1 inch. Dated 11 Nov 1903.
- 110.5n Plan shows St.Helens Cemetery. Includes Rainford Road, Windle Grange and the Vicarage.
- 110.5o Plan of St.Helens Cemetery. Shows Rainford Road, Hard Lane and Abbey Road. Includes Windle Grange and the Vicarage. Copied from Town Clerk's plan on 14 Jun 1909.
- 110.5p County Borough of St.Helens. Proposed extension of the cemetery. Shows Rainford Road and Hard Lane. Scale: 208.33 feet to 1 inch. Dated 12 Jul 1909.
- 110.5q County Borough of St.Helens. Map shows proposed extension of the cemetery. Areas are coloured according to allocation e.g. Church of England, Roman Catholic etc. Areas are also divided into groups such as adult, poor, youths, children under 7 years etc. Map includes mortuary chapels for Church of England, Roman Catholic and Non-Conformist. Includes Windle-

shaw Abbey, Windle Bowling Green, St. Thomas' Well, Hard Lane, Rainford Road and the Vicarage. Scale: 41.66 feet to 1 inch. Drawn by Arthur Bradley, Borough Engineer. Dated 14 Jun 1912.

- 110.5r County Borough of St.Helens. Map shows area of cemetery extension. Includes layout of carriageways and paths and the 3 mortuary chapels. Scale: 40 feet to 1 inch. Dated 20 Apr 1910.
- 110.5s County Borough of St.Helens. Map shows proposed extension of the cemetery. Includes Rainford Road, Hard Lane, Kiln Lane, Speakman Road, Windleshaw Road and Greenfield Road. Scale: 208.33 feet to 1 inch. Drawn by George Broom, Borough Engineer. No date.
- 110.5t Plan shows suggested extension of the Cemetery. Shows land that belonged to R. Pilkington Esquire (marked by a red line). Scale: 208.33 feet to 1 inch. Dated 8 Jun 1901.
- 110.5u County Borough of St.Helens. Application to Local Government Board for sanction to borrow the sum of £2500 for extension of the cemetery. General plan of cemetery shows Roman Catholic, Church of England and Non-Conformist land and mortuary chapels. Includes Rainford Road, Hard Lane, Abbey Road, the Lodge, Superintendent's house, Windleshaw Abbey and St Thomas' Well. Boundary lines are marked and drainage is shown. Plan No. 3. Scale: 41.66 feet to 1 inch. Copy of plan sent to Town Clerk on 24 Jun 1913. Signed by Arthur W. Bradley, Borough Engineer on Jun 24 1913.
- 110.5v Plan shows suggested extension of St.Helens Cemetery (coloured pink). Scale: 208.33 feet to 1 inch. Dated 12 Jul 1909.
- 110.5w Plan shows Roman Catholic, Church of England and Non-Conformist land in St.Helens Cemetery. Includes sections 1 to 29z, the three houses, St. Thomas' Well, Hard Lane and Abbey Road. Proposed Cemetery extension is shown by a black dotted line. No scale. Signed by George Broom, Borough Surveyor in Oct 1911.
- 110.5y General plan showing extension work carried out on St.Helens Cemetery. Extended area is shaded green and marked by new boundary lines. Also shows fitting of 6 inch and 9 inch pipes. Includes Roman Catholic, Church of England and Non-Conformist land, mortuary chapel, office, lodge and superintendent's house, St. Thomas' Well, Windleshaw Abbey, Vicarage, Rainford Road, Hard Lane and Abbey Road. Scale: 41.66 feet to 1 inch. Plan no. 2. Signed by Arthur W. Bradley, Borough Engineer on 24 Jun 1913.
- 110.5z Colour plan shows extension to St.Helens Cemetery. Includes Roman Catholic, Church of England and Non-Conformist land. Dated 1912. Damaged. Not available for public consultation.
- 110.5az County Borough of St.Helens. Plan shows extension to St.Helens Cemetery. Includes Roman Catholic, Church of England and Non-Conformist land and their mortuary chapels. Scale: 41.66 feet to 1 inch. No date.

- 110.6a County Borough of St.Helens. Colour plan of proposed fence for cemetery extension. Includes a specification for the supply of 738 lineal yards of wrought iron 'unclimbable' fencing. Scale: 1 inch to a foot. Contract No. 1279. Dated 27 May 1910.
- 110.6b Plan of proposed fence for cemetery extension. Includes a specification for the supply of 738 lineal yards of wrought iron 'unclimbable' fencing. Scale: 1 inch to 1 foot. No contract number. No date. Signed by George Broom, Borough Surveyor.
- 110.7a County Borough of St.Helens. Ground plans of Roman Catholic, Church of England and non-conformist churches in St.Helens Cemetery. Scale: 8 feet to 1 inch. No date.
- 110.7b Plan of non-conformist church in St.Helens Cemetery showing it to be 20 feet 6 inches high, the vestry to be 12 feet high and the church to be 40 feet 2 inches long and 20 feet wide. No scale.
- 110.7c Plan of Roman Catholic church in St.Helens Cemetery showing it to be 20 feet 6 inches high, the vestry to be 12 feet high and the church to be 30 feet 10 inches long and 20 feet wide. No scale.
- 110.7d County Borough of St.Helens. Section shows proposed heating of chapels in cemetery. Average height of chapels was 20 feet and the average height of eaves was 20 feet 6 inches. Scale: 8 feet to 1 inch. Drawn on 12 Nov 1913.
- 110.15 Plan of proposed boundary to St.Helens Cemetery from the corner of Rainford Road to the gate. Scale: horizontal 41.66 feet to 1 inch. Dated 23 Jun 1909.
- 110.15b County Borough of St.Helens. Plan shows proposed 9 inch pipe sewer for the cemetery extension. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated 28 Apr 1910.
- 110.15c Small sketch of the extension of St.Helens Cemetery. Includes calculation of areas. No scale. No date.
- 110.15d Pencil drawings of drainage in St.Helens Cemetery. No scale. No date.
- 110.15e Map shows proposed drainage of St.Helens cemetery and area including Rainford Road, Kiln Lane, Hard Lane and Windle Brook. Scale: 208.33 feet to 1 inch. No date.
- 110.15f Plan shows 9 inch drainage pipes and extended area of St.Helens cemetery (coloured red). Scale: 41.66 feet to 1 inch. Dated 21 Feb 1910.
- 110.15g Longitudinal sections of St.Helens cemetery boundaries. No scale. Dated 6 Jun 1910.



- 110.15h 2 longitudinal sections show the extension of St.Helens Cemetery from the iron fence to the boundary wall. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer. Dated 23 Nov 1912.
- 110.15i County Borough of St.Helens. Cemetery extension. Sections show 6 inch pipe sewer. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer. Dated 23 Nov 1912.
- 110.15j County Borough of St.Helens, Cemetery extension. Series of sections show 6 inch pipe sewer. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer. Dated 23 Nov 1912.
- 110.15k County Borough of St.Helens. Cemetery extension. Series of sections show 6 inch and 9 inch pipe sewers. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer. Dated 23 Nov 1912.
- 110.15l County Borough of St.Helens. Plan shows area to be taken in original scheme of cemetery extension. Plan includes Windle Smithies, St. Thomas' Well and 3 mortuary chapels. Scale: 208.33 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer. Dated 24 Jun 1913.
- 110.15m 3 cross sections show footpath, iron fence and wall in St.Helens Cemetery. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated 19 Aug 1913.
- 110.15n Map shows proposed drainage of St.Helens cemetery. Includes St. Thomas' Well, Windle Brook, Kiln Lane, Hard Lane and Rainford Road. Scale: 208.33 feet to 1 inch. No date.
- 110.15o Plan shows proposed 9 inch pipes for drainage of St.Helens cemetery. Includes position of Church of England, Roman Catholic and Non-conformist mortuary chapels. Scale: 208.33 feet to 1 inch.
- 110.15p Extension of St.Helens Cemetery. Longitudinal section shows route from the footpath at St. Thomas' Well to the old boundary wall. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- 110.15q Extension of St.Helens Cemetery. Shows a 12 inch drain along Hartlington Street, a small section of Rainford Road and along the private road to the cemetery. Scale: 208.33 feet to 1 inch. Drawn by Arthur W. Bradley. No date.
- 110.15r Extension of St.Helens Cemetery to incorporate St. Thomas' Well. Shows 12 inch pipe sewer to be laid and manholes to be inserted along Hartlington Street, Rosebury Street, Rainford Road, the private road to cemetery and into the cemetery itself to St. Thomas' Well. Scale: 208.33 feet to 1 inch. No date.
- 110.15s County Borough of St.Helens. Plan shows 9 inch sewer and a manhole.

Drain went past the vicarage and into Rainford Road. Included are several longitudinal sections and details of manholes. Scale: plan: 41.66 feet to 1 inch; sections: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley. Contract No. 1537. No date.

- 110.15t Main drainage of St.Helens Cemetery Plan shows 9 inch sewer and a man-hole. Drain went past the vicarage and into Rainford Road. Included are several longitudinal sections and details of manholes. Scale: plan: 41.66 feet to 1 inch; sections: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley. Contract No. 1537. No date.
- 110.15u County Borough of St.Helens. Plan of drainage (mostly unfinished) from St. Thomas' Well, along private road, into Rainford Road and along Hartlington Street. Includes 12 inch pipes to be fitted. Scale: 208.33 feet to 1 inch. No date. Note on map states that old drain was still in use in 1943.
- 110.15v Proposed drainage of extension to St.Helens Cemetery. Longitudinal section shows 9 inch pipe sewer to be fitted from cemetery to corner of Kiln Lane via Rainford Road. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated 16 Apr 1914.
- 110.15w 2 sections show proposed extension to St.Helens Cemetery. Scale: 10 feet to 1 inch. Dated 16 Jun 1909.
- 110.15x General plan shows surface levels and inverts St.Helens Cemetery. Includes Windle Grange, the Vicarage, Hard Lane and Abbey Road. Boundary lines are marked in black and red. Scale: 208.33 feet to 1 inch. Dated Jun 17 1909.
- 110.15y Section shows corner of proposed boundary of St.Helens Cemetery, Rainford Road, private road, brook and St. Thomas' Well. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated 28 Apr 1910.
- 110.15z Section shows fitting of a 6 inch drain at corner of private road near St.Helens Cemetery. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Commenced on 17 Aug 1910.
- 110.15aa Section shows fitting of a 9 inch pipe sewer, iron fence and resurfacing of path in St.Helens Cemetery. Includes 3 cross sections. Commenced on 2 Jan 1912. Completed on 29 Feb 1912.
- 110.15bb 2 cross sections show footpath, iron fence and fitting of 9 inch diameter drainage pipes with open joints in St.Helens Cemetery. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Signed by Arthur W. Bradley, Borough Engineer and Surveyor. No date.
- 110.15cc 4 sections providing details of the inclination of the extension to St.Helens Cemetery. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- 111.2a County Borough of St.Helens. Plan shows proposed transformer station for

the Electricity Department in Tolver Street. Includes limits of present construction and future extension; side elevations to the east and west; front elevation of Tolver Street; temporary elevation (with asbestos sheets); rear elevation; cross section and longitudinal section. Scale: 8 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer.

- 111.2b County Borough of St.Helens. Details of reinforced concrete beams for proposed converter station for the Electricity Department in Tolver Street. Sheet No. 7. Includes beams for back wall, beams for side walls, plan, elevations and sections. Scale: 1 inch to 1 foot. Drawn by Arthur W. Bradley, Borough Engineer, Oct 1920.
- 111.2c County Borough of St.Helens. Lantern light framing and sashes for proposed converter station for the Electricity Department in Tolver Street. Includes cross sections, ridge piece and plan view. Scale: ½ inch detail and full size detail. Drawn by Arthur W. Bradley, Borough Engineer, May 1921.
- 111.2d County Borough St.Helens. Plan of floor level of proposed converter station for the Electricity Department in Tolver Street. Includes 9 small plans and several elevations. Scale: 4 feet to 1 inch and ½ inch to 1 foot. Drawn by Arthur W. Bradley, Borough Engineer, Sep 1920.
- 111.2e Calculation of supports and struts for the converter station for the Electricity Department in Tolver Street. Also includes calculation of areas of greatest stress. No date.
- 111.2f Details of steelwork for the proposed converter station for the Electricity Department in Tolver Street. Includes plan of top, plan of base, rear elevation, side elevation, section and half section. Scale: 1½ inches to 1 foot. Drawn by Arthur W. Bradley, Borough Engineer, 17 Nov 1920.
- 111.2g Details of steelwork for the proposed transformer station for the Electricity Department in Tolver Street. Sheet No. 2. Includes plan and several elevations. Scale: ½ inch to 1 foot. Drawn by Arthur W. Bradley, Borough Engineer, Aug 1920.
- 111.2h County Borough of St.Helens. Plan, elevation and sections of details of joinery for the proposed converter station for the Electricity Department in Tolver Street. Includes folding doors, roof light, side door, sash window and side door. Scale: 1 foot to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer, Dec 1920.
- 111.2i County Borough of St.Helens. Details of lavatory for the proposed converter station for the Electricity Department in Tolver Street. Includes sections showing entrance. Scale: 1 foot to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer, Nov 1920.
- 111.2j County Borough of St.Helens. Section, elevation and plan show details of window sills for the proposed converter station for the Electricity Department in Tolver Street. Scale: full size. No date.

- 111.2k County Borough of St.Helens. Section, elevation and plan show details of stonework for the proposed converter station for the Electricity Department in Tolver Street. Scale: ½ inch to 1 foot. Drawn by Arthur W. Bradley, May 1921.
- 111.2l County Borough of St.Helens. Section, elevation and plan show ferro-concrete beams for the proposed converter station for the Electricity Department in Tolver Street. Includes plan of beams for back wall and side walls and an isometric view showing detail of steel reinforcement and forms in position. Scale: ½ inch and 1 inch. Drawn by Arthur W. Bradley, Feb 1921.
- 111.2m County Borough of St.Helens. Elevation and plan show beams for back wall and beams for two side walls at the proposed converter station for the Electricity Department in Tolver Street. Scale: ½ inch to 1 foot. Drawn by Arthur W. Bradley, Borough Engineer, Dec 1920.
- 111.2n Part of side elevation of the proposed converter station for the Electricity Department in Tolver Street. No scale. No date. Sent in Apr 1921.
- 111.3a County Borough of St.Helens. Plan shows extension to engine house and transformer house of the Electricity Works. Drawing No. 1. Includes north east elevation, south east elevation and north west elevation. Scale: 8 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer in Feb 1924.
- 111.3b County Borough of St.Helens. Plan shows steelwork extension to Croppers Hill Power Station. Drawing No. 6. Includes elevation of framing to temporary end, elevations of stanchions carrying roof trusses, half elevation roof truss, and junction of vertical members. Various scales. Drawn by Arthur W. Bradley, Borough Engineer, May 1924. 4 copies.
- 111.3d Pencil drawing of exterior of extension to Croppers Hill Power Station. Includes drawing of roof, elevation of doors, plan and section. Various scales. No date.
- 111.3e Blueprint and tracing show suggested alteration to permanent opening for steam pipe at the extension to the Electricity Works. Drawn by Arthur W. Bradley, Borough Engineer on 23 Sep 1924.
- 111.3f Existing and new crane stops for Croppers Hill Power Station. Drawn by Borough and Water Engineers Department. Contract No. 1142. Dated 2 Oct 1924. 2 copies.
- 111.3g Details of framing and chequered plate over sump holes for extension to the Electricity Works at Croppers Hill. Contract No. 1142. Various scales. No date.
- 111.3h Blueprint and tracing of a drawing of crane carriage and girder for extension to the Electricity Works at Croppers Hill. Scale: ½ inch to 1 foot. No date.
- 111.3i Plan shows slight alterations to the extension to Croppers Hill Power Station. No scale. Stamped by Robin and Kershaw, Temple Iron Works,

Temple Street, Manchester, on 1 Sep 1924. Stamped by St.Helens Borough Council Borough and Water Engineers Department on 2 Sep 1924.

- 111.3j Small, rough pencil sketch of various angles of the extension to Croppers Hill Power Station. No scale. No date.
- 111.3k Section and elevation above main stanchion pipes of the extension to the engine room of the Electricity Works at Croppers Hill. Scale:  $\frac{3}{4}$  inch to 1 foot. Drawn by Arthur W. Bradley, Borough Engineer on 10 Oct 1924. 2 copies.
- 111.3l Plan shows dimensions and positions of stanchions for the floor of the engine room of the Electricity Works, Croppers Hill. No scale. No date. 2 copies.
- 111.3m Detail of 24 inch square opening in permanent gable end of the engine room of the Electricity Works, Croppers Hill. Scale:  $\frac{1}{2}$  inch to 1 foot. Drawn by Arthur W. Bradley, Borough Engineer on 27 Oct 1924.
- 111.3n Plan and elevation show extension to the engine house of the Electricity Works, Croppers Hill. Scale:  $\frac{1}{4}$  inch to 1 foot. No date.
- 111.3o Plan shows details of alterations to piers to gable stanchions in the engine room of the Electricity Works, Croppers Hill. Scale:  $\frac{1}{4}$  inch to 1 foot. Drawn by Arthur W. Bradley on 24 Oct 1924.
- 111.3p Blueprint and tracing show elevation of doors to engine house of the Electricity Works, Croppers Hill. Scale: 1 inch to 1 foot. No date.
- 111.3q Blueprint and tracing of drawing of crane at Croppers Hill Electricity Station. Scale: 3 inch to 1 foot. Stamped by Borough Engineers Department on 30 Sep 1924.
- 111.3r Sketch plan of standard at top of stairway of engine house of the Electricity Works, Croppers Hill. Scale: 1 inch to 1 foot. No date. Signed by Arthur W. Bradley, Borough and Water Engineer.
- 111.3s Plan of girder carrying crane rail. Includes measurements. Scale: 1 inch to 1 foot. No date.
- 111.3t Section shows measurement of crane stops. Holes were  $\frac{7}{8}$  inch in diameter. Contract No. 1142. Stamped on 23 Sep 1924 by Robinson and Kershaw, Temple Ironworks, Temple Street, Manchester. Stamped on 24 Sep 1924 by St.Helens Council.
- 111.3u Elevation and section show detail of end stanchion and opening to steam pipe in extension to the Electricity Works, Croppers Hill. Scale:  $\frac{1}{2}$  inch to 1 foot. No date. 2 copies.
- 111.3v Sketch shows modification of dimensions to pump for air filter in engine room of Electricity Works, Croppers Hill. No date.

- 111.3w Plan of engine room of the Electricity Station, Croppers Hill. Shows loading bay, 12 inch bore steam pipes, permanent opening (22 inch diameter), permanent opening (24 inch diameter) and roundnose bricks. Scale: ¼ inch to 1 foot. Drawing no. P213. Dated Sep 11 1924. Signed by F. N. R. Baker, Engineer.
- 111.3x Plan of floor of engine room of the Electricity Station, Croppers Hill. Shows transformer house and loading bay. Includes sections. Dotted lines indicate concrete foundations to stanchions. Scale: 1 inch to 1 foot. No date.
- 111.3y Plan shows steelwork extension to the engine house of Croppers Hill Power Station. Includes foundation plan, plan of engine room floor, plan of loading bay, base for 10 inches x 8 inches gable stanchions and basement floor level. Contract No. 1142. Drawing No. S1. Dated 2 Oct 1924.
- 111.3z Section shows beams of the engine house of Croppers Hill Power Station. Schedule. Includes measurements of beams. Contract No. 1142. Drawing No. S2. Dated 2 Oct 1924.
- 111.3a2 Section shows details of base of stanchion for Croppers Hill Power Station. Holes were ⅞ inch in diameter. Countersunk rivets were ¾ inch in diameter. Contract No. 1142. No scale. Contract No. 1142. Drawing No. S3. Dated 2 Oct 1924.
- 111.3b2 Details of stanchions for Croppers Hill Power Station. Includes section containing measurements. Holes were ⅞ inch in diameter. Countersunk rivets were ¾ inch in diameter. No scale. Contract No. 1142. Drawing No. S4. Dated 2 Oct 1924.
- 111.3c2 Elevation of temporary gable from temporary end at Croppers Hill Power Station. Shows floor level of engine house and main stanchions. No scale. Contract no. 1142. Drawing No. S6. Dated 2 Oct 1924.
- 111.3d2 Plan shows connections of temporary gable at Croppers Hill Power Station. All bolts and rivets were countersunk on outside face of gable frame. Contract No. 1142. Drawing No. S7. No scale. Dated 2 Oct 1924.
- 111.3e2 County Borough of St.Helens. Plan of the engine house and transformer house at Croppers Hill Power Station. Drawing No. 1. Includes north east elevation, south east elevation and north west elevation. Scale: 8 feet to 1 inch. Drawn by Arthur W, Bradley, Borough Engineer in Feb 1924.
- 111.3f2 County Borough of St.Helens. Plan of basement and engine room of engine house at Croppers Hill Power Station. Drawing No. 2. Scale: ¼ inch to 1 foot. Drawn by Arthur W. Bradley, Borough and Water Engineer. No date. 4 copies.
- 111.3g2 County Borough of St.Helens. Plan shows extension to engine house and transformer house of the Electricity Works. Drawing No. 1. Includes north east elevation, south east elevation and north west elevation. Scale: 8 feet

to 1 inch. Contract no. 1525. Drawn by Arthur W. Bradley, Borough Engineer on Feb 1924. Signed by S. Ellison, contractor, on 9 Sep 1924.

- 111.3h2 County Borough of St.Helens. Plan shows steelwork extension to Croppers Hill Power Station. Drawing No. 6. Includes elevation of framing to temporary end, elevations of stanchions carrying roof trusses, half elevation roof truss, and junction of vertical members. Various scales. Drawn by Arthur W. Bradley, Borough Engineer, May 1924.
- 113i2 County Borough of St.Helens. 2 sections show dimensions of engine house at Croppers Hill Power Station. Drawing No. 3. No scale. Contract No. 1525. Drawn by Arthur W. Bradley, Borough and Water Engineer. No date.
- 113.3j2 County Borough of St.Helens. Large blueprint shows steelwork extension to engine house of Croppers Hill Power Station. Scale: 1 inch to 1 foot. Contract No. 1142. Stamped by Robinson and Kershaw, Temple Ironworks, Temple Street, Manchester, on 2 Oct 1924.
- 113k2 County Borough of St.Helens. Elevation and plan show foundation of 1000 kilowatt motor converter at Croppers Hill Power Station. Scale:  $\frac{3}{4}$  inch to 1 foot. Scale:  $1\frac{1}{2}$  inches to 1 foot. Drawing No. P/215. Drawn by F. N. R. Baker, Electricity Department Engineer, 2 Oct 1924.
- 1113.312 Pencil drawing of roof of engine house at Croppers Hill Power Station. Scale:  $\frac{3}{8}$  inch to 1 foot. No date.
- 111.3m2 County Borough of St.Helens. Extension to of engine house at Croppers Hill Power Station. Shows north east, south west, south east and north west elevations. Includes engine room floor, steelwork, loading bay, basement plan and floor plan. Scale:  $\frac{1}{8}$  inch to 1 foot. Drawn by Arthur W. Bradley, Borough and Water Engineer, Feb 1924.
- 111.3n2 Pencil drawing of a sectional elevation of extension to engine house at Croppers Hill Power Station. Scale:  $\frac{1}{4}$  inch to 1 foot. No date.
- 114.1 Plan showing sewers and manholes in Windlehurst. No scale. Drawn by Robertson on 21 Sep 1894.
- 114.2 Plan for additional cloak rooms for Girls' School in College Street. Includes elevation and section. Scale:  $\frac{1}{8}$  inch to 1 foot. No date.
- 114.4 Upper Mersey Navigation Commission. Plan of River Mersey from Liverpool to Runcorn and Warrington. Channel surveyed by Edward Davies on Jun 29 1878.
- 114.6 Sheets 1 and 2 of Ordnance Survey of St.Helens. Shows Crab Fields Cottage in Crab Street to Merton Bank Lane and Dam Cottages. Includes Lowe House Roman Catholic Chapel, Alkali Works and College Street Mill. Scale: 5 foot to 1 mile. Published on 15 Sep 1851.
- 114.7a Plan and section of passages in Cowley Vale. Shows fitting of 9 inch sewer

and 12 inch sewer in passage at rear of Canterbury Road and Bishop Road and site of semi-detached houses to be built. Includes section. Copy of plan was deposited with Corporation by J.M. Wilson and Sons. Drawn by James A. Baron on 8 Nov 1902.

- 114.7b Section of back passage next to Windleshaw Road from centre of intended Crop Street to footings of wall. Shows line of sewer and proposed bottom of sewer. Scale: horizontal 20 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by James A. Baron, Land and Mine Surveyor, St.Helens, Jan 1893.
- 114.7c Small section shows pit next to lawn tennis ground. Section continued from 24 Jul 1893.
- 114.8a Rough sketch shows dimensions of cricket field. No scale. No date.
- 114.8b Plan shows pavilion of cricket ground in St.Helens. Includes club room, visitors' room, W.C. and locker seats. Includes side elevation, back elevation and section. Scale: 20 feet to 1 inch. No date.
- 114.8c Plan shows pavilion of cricket ground in St.Helens. Includes elevation and section. No scale. No date.
- 114.8d Longitudinal section of a low wall for railings in Hard Lane (1 foot high). Scale: vertical 8 feet to 1 inch; horizontal 20 feet to 1 inch. No date.
- 114.8e Coachman's and gardener's houses in Hard Lane. No scale. No date.
- 114.8f Section of new footpath in Windlehurst. Scale: horizontal 20 yards to 1 inch; vertical 20 feet to 1 inch. Dated 23 Feb 1880.
- 114.8g Section from Hard Lane down proposed new footpath to Cowley Hill Lane. Scale: horizontal 20 yards to 1 inch; vertical 15 feet to 1 inch. Dated 14 May 1889.
- 114.8h Longitudinal section of Cowley Hill Lane. Shows a property owned by the Bishop family. No scale. No date.
- 114.8i Plan of cricket ground in Windleshaw Road. Shows new pavilion, promenade and trees to be planted. Includes elevation. Scale: 1 inch to 20 yards. No date.
- 114.8j New fence in Windlehurst Gardens. Unplanned oak was to be used and parts of ground were to be burned and tarred before fence was built. Gates were also to be constructed. Scale: ½ inch to 1 foot. Dated 23 Feb 1893.
- 114.8k Improvements to lawn tennis ground in Windleshaw Road. Shows new positions of Ladies and Gents tents. Also shows trees and shrubs to be planted. A new lawn was to be constructed. Includes 3 sections. Scale: horizontal 20 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- 114.8l Plan and section show boys' pavilion in cricket field in Windleshaw Road.



No date. Very poor condition.

- 114.8m Plan shows site of cricket ground in Windleshaw Road. Includes Tennis Street North, Tennis Street, Bishop Road, Bowling Green, Keswick Road, Wynne Road, Rivington Street, Speakman Road and King Edward Road. Enlarged from Ordnance Survey map. Scale: 1/2500. Dated 16 Dec 1910.
- 114.8n Plan and sections of proposed new bowling green on cricket field in Windleshaw Road. Scale: horizontal 1/8 inch to 1 foot; vertical 1/2 inch to 1 foot. No date.
- 114.10a Ordnance Survey map of South London. Includes Lambeth, Brixton and Walworth. Map shows the Oval Cricket Ground and Kensington Park. Scale: 5 feet to 1 mile. Dated 31 Dec 1875.
- 114.10b Ordnance Survey map of North London. Includes St. John's Wood, Marylebone and Regent's Park. Map shows Lord's Cricket Ground. Scale: 5 feet to 1 mile. Published in 1868.
- 114.12a Ordnance Survey map of Lancashire (South-West Division). Sheet C1.13.16. Shows Windle Ward. Includes Cooper Street, Crab Street, Atherton Street, Duke Street, York Street, Volunteer Street, Drill Hall, the convent, St.Helens Mills, St. Mary's Church of England School, York Street, timber yard, Boys' School, Halefield Street, Lowe House School, the Talbot Hotel, Rifle Corps Hotel and Clarence Hotel.
- 114.12b Ordnance Survey map of Lancashire (South-West). Sheet C1.13.22. Central Ward and Hardshaw Ward. Includes Baptist Chapel, Providence Free Hospital, Tramway depot, Holy Cross Roman Catholic Church, livery stables, Smithy, Theatre Royal, Town Hall, Free Library and Police barracks. Scale: 41.66 feet to 1 inch. Published 1892.
- 114.12c Ordnance Survey map of Lancashire (South Western Division). Sheet C8.1.1. Windle Ward, Eccleston Ward and West Sutton Ward. Includes Liverpool Road, Westfield Street, Thomas Street, Milk Street, Russell Street, Hardy Street, Water Street, Waterloo Street and Bath Street. Buildings include Waterloo Foundry, St.Helens Iron Works, the Shambles, Tups Row, the Albion Works, Carriage Manufactory, Saw Mill and Smithy in Copperas Street. Scale: 41.66 feet to 1 inch. Dated 1892.
- 114.12d Ordnance Survey map of Lancashire. Sheet C8.1.2 Hardshaw Ward, Central Ward, Newton Division and West Sutton Ward. Includes Brookfield Foundry, St.Helens Leadworks, Shaw Street Station, Livery Stables, Friend's Meeting House and St.Helens Brewery. Scale: 41.66 feet to 1 inch. Surveyed in 1891. Published in 1892.
- 114.12e Ordnance Survey map of St.Helens. Sheet C.16.5. Shows Hard Lane and Windlehurst, Rivington Aqueduct, Parliamentary Borough Boundary and Victoria Park. Scale: 41.66 feet to 1 inch. Surveyed in 1891. Published in 1892.

- 114.12f Ordnance Survey map of St.Helens. Sheet C.16.10. Shows Cowley Hill Lane, Victoria Park, Windle Cottage and Rivington Aqueduct (owned by Liverpool Corporation Water Works). Scale: 41.66 feet to 1 inch. Surveyed in 1891. Published in 1892. 2 copies.
- 114.12g Plan shows position of tramways and pavements in Westfield Street, Ormskirk Street, New Cross Street and Brook Street. Includes the Sefton Arms, Prince of Wales, Green Dragon, Royal Hotel and Moss Rose public houses. Scale: 41.66 feet to 1 inch. No date.
- 115.1 Plan for resurfacing of road along College Street and into Haresfinch Road. Shows the canal, Rainford Brook and the St.Helens to Rainford railway. Includes several cross sections and elevations. Scale: 8 feet to 1 inch. Dated 18 Feb 1913, 14 Apr 1913 and 4 Jul 1915.
- 115.1a Plan shows improvement to College Street. Includes Haresfinch Road. Rainford Brook and Canal and London and North Western Railway. Longitudinal sections run from No. 203 College Street to Haresfinch Road. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date. No contract number. 3 copies.
- 115.1b General plan of College Street area. Does not include any writing. Scale: 208.33 feet to 1 inch. No date. No contract number.
- 115.1c Sewer in Haresfinch. Longitudinal section runs from bottom of culvert under railway to bottom of culvert opposite Haresfinch Lodge. Includes position of 6 manholes. Scale: horizontal 20 yards to 1 inch; vertical 10 feet to 1 inch. Copied from Sir David Gamble's estate plan (No. 18 in the Estate Office). Dated 23 May 1919. Signed by Arthur W. Bradley, Borough Engineer.
- 115.2a Section showing Hardshaw Brook. Includes Liverpool branch of London and North Western Railway, St.Helens Canal and the water level of the brook. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No contract number. No date. Poor condition.
- 115.2b Section shows junction of Warrington Old Road through and opposite road leading to Watson Street. Scale: horizontal 41.66 feet; vertical: 10 feet. No contract number. No date.
- 115.3a County Borough of St.Helens. Pilkington Brothers. Section shows junction of Warrington Old Road and Warrington New Road. Includes London and North Western Railway Company. Section shows existing 9 inch and 12 inch sewers and agreed level of surface of road. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. 1879.
- 115.3b County Borough of St.Helens. Pilkington Brothers. Section shows junction of Warrington Old Road and Warrington New Road. Includes London and North Western Railway Company. Section shows existing 9 inch and 12 inch sewers and agreed level of surface of road. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. 1879.

- 115.3c County Borough of St.Helens. Pilkington Brothers. Section shows junction of Warrington Old Road and Warrington New Road. Includes London and North Western Railway Company. Section shows existing 9 inch and 12 inch sewers and agreed level of surface of road. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. 1879. Poor condition.
- 115.4 London and North Western Railway. Additional Powers. Session 1879. Plans and sections of new roads to be stopped up and plan of additional lands and buildings in St.Helens. Sheet No. 1. Includes railway lines, stations and factories.
- 115.5a Pilkington Brothers. Section of College Street and Haresfinch Road. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated 21 Feb 1913.
- 115.5b Plan of College Street and Haresfinch Road. Includes Hill Street, Strickland Street and Great Central Railway. Scale: 41.66 feet to 1 inch. No date.
- 115.5c County Borough of St.Helens. Pilkington Brothers. Plan shows gas mains (coloured red), water mains (indicated by blue lines) and sewers (indicated by black dotted lines) in College Street and Haresfinch Road. Includes key to plan and a proposed improvement line. Scale: 41.66 feet to 1 inch. Signed by Arthur Bradley, Borough Engineer and Surveyor. No contract number.
- 115.6a Pilkington Brothers. Section of Warrington Old Road from Parr Street to the Ravenhead Branch of the London and North Western Railway. Shows existing sewer and proposed level of road surface. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- 115.6b County Borough of St.Helens. Section shows junction of Warrington Old Road and Warrington New Road. Shows existing sewer and level of road in 1881, 1905 and 1913. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated 28 Feb 1913.
- 115.6c County Borough of St.Helens. Section shows resurfacing of junction of Warrington Old Road and Warrington New Road. Shows road level in 1881 and in Sep 1905. Includes 18 inch diameter foul sewer, 2 feet 6 inches diameter storm water sewer in Warrington New Road and a 12 inch diameter and a 9 inch diameter sewer in Warrington Old Road. Also shows Ravenhead and siding line of branch of the London and North Western Railway. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Signed by Borough Surveyor or Engineer, Town Hall, St.Helens, 28 Feb 1913. 2 copies.
- 115.6d Pilkington Brothers. Plan shows junction of drain with Hardshaw Brook. Includes St.Helens Canal, Hardshaw Brook, Bottle works, canal arm and existing culvert. Scale: plan 1/500 or 41.66 feet to 1 inch; detail plan: 8 feet to 1 inch. Signed by George Broom, Borough Surveyor.
- 115.7 Plan shows 3 inch and 2 inch gas mains (indicated by red line), 6 inch water mains (indicated by blue line) and sewers and electrical cables (indicated by thick black dotted lines) in Watson Street. Includes key to plan. Scale: 41.66

feet to 1 inch. Dated 28 Jan 1912.

- 115.8 Ravenhead branch of London and North Western Railway. Proposed diversion and lowering of Watson Street, new footbridge, extension of culverts and extensions of bridge no. 4. Scale: horizontal 20 feet to 1 inch; vertical 10 feet to 1 inch. Includes sections of proposed extension of Hardshaw Brook Culvert and proposed extension of culvert along Cannington Shaw's Glass Works. Dated Dec 16 1912.
- 115.10 Plan shows construction of a 12 inch pipe sewer running from Haresfinch Road into College Street. Includes canal, Rainford Brook and London and North Western Railway. Cross section shows 12 inch pipe sewer. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Contract no. 1433. Work commenced on 19 Feb 1917. Completed on 17 Mar 1917. No signature.
- 115.11 Plan shows proposed improvement from Warrington New Road to Peasley Cross Lane and Marshalls Cross Road. Includes the Gas Works, Hardshaw Chemical Works, St.Helens Canal, London and North Western Railway and United Alkali Companies line, Alma Place, Hunter Street, School Street, Manor Street, Greenough Street, Sutton Road, Cleveland Street and the Borough Sanatorium. Scale: 41.66 feet to 1 inch. Dated Dec 1912.
- 115.15 London and North Western Railway, Rainford Branch. Proposed extension of bridge no. 46. Plan shows Rainford Branch Line and sidings, St.Helens Canal, College Road and a diverted stream. Includes section. Scale: section: horizontal 20 feet to 1 inch; vertical 10 feet to 1 inch; plan: 40 feet to 1 inch. Contract No. 24328. Stamped by Engineers Office, Crewe on 13 Nov 1912.
- 116.2A Plan shows Thatto Heath Dam, Victoria Gardens, Whittle Street, Short Street, Victoria Road and Cairo Square. Scale: 1/500. Dec 1881.
- 116.2B Plan shows Thatto Heath Railway Station, Springfield Row, Brickworks, Colliery and Quarry. Scale: 1/500. Dec 1881.
- 116.2C Plan shows Tunstalls Row, Pigmans Row and Methodist Chapel and School. Scale: 1/500. Dec 1881.
- 116.2D Plan of ward boundary of Thatto Heath. Plots of land are shown and numbered. No date.
- 116.2E Plan shows streets, railway station and dam in Thatto Heath. Includes the names of owners of land. 1882.
- 116.2F Block plan of area near Thatto Heath Station. Shows Thatto Heath Road, Ellison Square, Springfield Row and Quarry House. Mar 1912.
- 116.2G Duchy of Lancaster. Plan shows the layout of streets, railway station and housing in Thatto Heath. Includes a schedule listing owners of land in the Thatto Heath area. May 1882.

- 116.2H Map shows buildings to be taken down in Thatto Heath Road, Elephant Lane and Scholes Lane. Scale: 41.66 feet to 1 inch. No date.
- 116.4 Plan of proposed bowling green at Thatto Heath Park at the junction of Crossley Road and Thatto Heath Road. Includes sections. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Sep 1912.
- 116.6A Plan of wall of Cowley Hill Park along City Road, Rutland Street and Balker Drive (south end of park off City Road). Includes section drawing of rubble wall and new road surface. Scale: 41.66 feet to 1 inch. Contract No. 391. Drawing No. 1. May 1886. Attached note dated Jul 1886 refers to ramps.
- 116.6B Section of boundary wall of Cowley Hill Park. No date.
- 116.6C Section of wall and gate post of Cowley Hill Park. Includes notes regarding ramps. Scale: 10 feet to 1 inch. No date.
- 116.6D Section of wall of Cowley Hill Park as seen from inside park. Shows ramps. Scale: 10 feet to 1 inch. No date.
- 116.6E Pencil drawing of section of Cowley Hill Park wall. Showing 14 ramps. 1886.
- 116.6F Section of wall of Cowley Hill Park. Shows entrance gates and cast iron newel posts at various points along wall. No date.
- 116.7A Sketch of cross section of footwalks in Cowley Hill Park and drains under footwalks. Scale: 1 foot to ½ inch. No date.
- 116.7B Elevation drawing of lodge in Cowley Hill Park. No date.
- 116.7C Sketches of details of lodge in Cowley Hill Park. No date.
- 116.7D Ground plan and front and side elevation of lodge in Cowley Hill Park. Scale: 8 feet to 1 inch.
- 116.9 Plan shows mode of laying out portion of Thatto Heath Estate. Scale: 41.66 feet to 1 inch. Jan 1888.
- 116.11A Plan of park gates for untitled park. Scale: 2 feet to 1 inch. Contract No. 391. Drawing No. 3. May 1886.
- 116.11G Plan of proposed railings for untitled park. Scale: 1½ inch to 1 foot. No date.
- 116.12 Pencil drawing for design of King's Gate. No date.
- 116.13A Sketch of Library and Lodge in Thatto Heath. Includes ground plan and elevation. Scale: 6 feet to 1 inch. May 1890.
- 116.13B Drawing of front and side elevation and section of branch library and cottage in Thatto Heath. Scale: 6 feet to 1 inch. Contract No. 533. Jun 1890.

- 116.13C Drawing of ground plan and first floor plan of branch library and cottage in Thatto Heath. Scale: 6 feet to 1 inch. Contract No. 533. Jun 1890.
- 116.17A Design for a sign that reads 'Please not to talk on the grass'. Jul 1886.
- 116.17B Design for a sign that reads 'The Mayor requests the assistance of the inhabitants in protecting trees and shrubs'. Jul 1886.
- 116.18 Diagram for play equipment at Victoria Park. Scale: 2 feet to 1 inch. Aug 1907.
- 117.1A Map of the County Borough of St.Helens No. 1. Scheme No. 1. Shows areas yet to be sewered, proposed sewers and existing sewers. Map extends from St.Helens Cemetery to Clock Face, Thatto Heath and Taylor Park, the area then encompassed by the Municipal Boundary. Scale: 6 inch to 1 mile. Drawn by George Broom, Borough Engineer. Aug 1898.
- 117.1B Map of the County Borough of St.Helens No. 2. Sewers in Clock Face and Lea Green had yet to be dealt with and Eccleston had already been dealt with. Scale: 6 inch to 1 mile. Drawn by George Broom, Borough Engineer, Aug 1898.
- 117.1C Map of the County Borough of St.Helens No. 2. Sewers in Clock Face and Lea Green had yet to be dealt with and Eccleston had already been dealt with. Scale: 6 inch to 1 mile. Drawn by George Broom, Borough Engineer, Aug 1898.
- 117.1D Map of the County Borough of St.Helens. Shows sewerage in Sutton. Drawing No. 1. Existing intercepting sewer and present outfall is marked with a black line. 12 inch, 24 inch, 3 foot and 4 foot intercepting sewers for Robins Lane and South Eastern area are marked with red lines. New outfall is marked in blue. Scale: 6 inch to 1 mile. Drawn by George Broom, Borough Engineer in Feb 1903.
- 117.4 Welfare accommodation. 4 copies of plan of house called 'Hillside' in Cowley Hill Lane. 5 copies of plan of Haresfinch House. Plan of Sutton Grange. No date. Conserved and hung.
- 117.5 Plan of Eccleston New Hall. No scale.
- 117.7a Ground floor plan of New Picture Theatre, Boundary Road, St.Helens. Shows position of stage. Includes a balcony plan. Scale:  $\frac{1}{8}$  inch to 1 foot. Drawn by Messrs. Thornley Brothers, architects, Wigan for T. Eden Esquire. Dated 20 Jul 1915. Stamped by Homan and Rodgers, Manchester.
- 117.7b New Picture Theatre, St.Helens. Section through Homan's reinforced concrete gallery. Shows position of operator. Scale:  $\frac{1}{2}$  inch. Stamped by Homan and Rodgers, Manchester. Dated 20 Jul 1915.
- 117.7c New Picture Theatre, St.Helens. Drawings of stanchions and plan of stan-

chion caps. Scale: 1 inch to 1 foot. Dated 20 Jul 1915. Stamped by Homan and Rodgers, Manchester.

- 117.7d Blueprint plan of New Picture Theatre, St.Helens. Shows No. 1 and No. 2 contact beds and an electric pump. No scale. Dated Nov 1912. Signed by Richard Evans and Company, Haydock Offices, near St.Helens.
- 117.7e Blueprint plan of New Picture Theatre, St.Helens. Scale: ½ inch to 1 foot. Dated Jan 1913. Signed by Richard Evans and Company, Haydock.
- 117.7f Blueprint of section of sewers to New Picture Theatre, St.Helens. No scale. Dated 30 Jan 1913.
- 117.7g Blueprint of section shows contact beds and electric pump for New Picture Theatre, St.Helens. No scale. Signed by Richard Evans and Company, Haydock Offices. Nov 1912.
- 117.7h Sections of No. 6 steel roof principals and No. 12 stanchions for the New Picture Theatre, St.Helens. Scale: ¾ inch to 1 foot. Stamped by Homan and Rodgers, Manchester. Dated 20 Jul 1915.
- 117.9 County Borough of St.Helens. Plan and section show details of manhole covers. Scale: 3 inches to 1 foot. Dated 16 Nov 1912.
- 117.10 Proposed hoarding in Boundary Road for the St.Helens and District Bill Posting and Advertising Company Limited. Includes block plan. Shows Boundary Road, Knowsley Road, Cambridge Road and the Nags Head public house. Includes proposed elevation in perspective and a section showing surface of ground and height of proposed hoarding (15 feet 0 inches). Scale: ½ inch to 1 foot. No contract number. Signed by Grimshaw and Son, Mining Engineers and Surveyors, St.Helens, in 1915.
- 117.11a County Borough of Bury. Plan of dirt box and elevation and section of manhole cover and dirt box. No scale. Drawn by A. W. Bradley, Mar 1901.
- 117.11b Small sketch drawing showing manhole cover. Sketch drawing no. 8213. Stamped by Ham, Baker and Company Limited, Engineers, Grosvenor Road, Westminster, London. Dated 23 May 1912.
- 117.11c Plan showing 24 inch x 18 inch heavy air tight cover and frame. Drawing no. 8216. Stamped by Ham, Baker and Company Limited, Engineers, Grosvenor Road, Westminster, London. Dated 25 May 1912.
- 117.11d Plan and sections of detail of ordinary manhole (up to and including 7 feet 0 inches deep). Scale: 2 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor, Town Hall, St.Helens, Jul 1912.
- 117.12 Proposed covering of Windle Brook. Detail of culvert. Drawing no. 3. Scale: 1 inch to 1 foot. Contract No. 1315. Dated 14 Oct 1912. Signed by W. E. Houghton. Drawn by Arthur W. Bradley.

- 117.13a County Borough of St.Helens. Proposed stables and saleroom on Market ground. Shows Naylor Street South, Exchange Street, Bridge Street and Tontine Street. Scale: 41.66 feet to 1 inch. No date.
- 117.13b County Borough of St.Helens. Proposed stables and saleroom on Market Ground. Includes cross section. Scale: ½ inch to 1 foot. Drawn by Arthur W. Bradley, Jul 1915. (Damaged).
- 117.14 Plan of proposed extension of tramway track in Newton Road and Derbyshire Hill Road. Shows Broad Oak Road and the Horse Shoe Inn. Scale: 41.66 feet to 1 inch. Dated 31 Aug 1912.
- 117.18 Plan showing proposed drain crossing Jubits Lane for the Manor Collieries Limited. Shows course of 12 inch drain, railway, Jubits Lane Farm and Brookfield Farm. Includes section. Scale: 30 yards to 1 inch. No contract number. No date.
- 117.20a County Borough of St.Helens. Plan shows footpath in Park Road, from Higher Parr Street to Prospect Road and Latham Street. Includes tramways, 3 chapels, the Half Mile Inn on the corner of Prospect Road, Black Horse Inn in Black Horse Street, York Hotel on the corner of Ross Street, Parr Vaults on the corner of Merton Bank Road, Grey Horse Inn on the corner of Williamson Street and the Park Road Inn on the corner of Bolton Street. Scale: 41.66 feet to 1 inch. Dated 4 Mar 1914.
- 117.20b County Borough of St.Helens. Plan shows footpath in Park Road, from Higher Parr Street to Prospect Road and Latham Street. Includes tramways, 3 chapels, the Half Mile Inn on the corner of Prospect Road, Black Horse Inn in Black Horse Street, York Hotel on the corner of Ross Street, Parr Vaults on the corner of Merton Bank Road, Grey Horse Inn on the corner of Williamson Street and the Park Road Inn on the corner of Bolton Street. Scale: 41.66 feet to 1 inch. Dated 4 Mar 1914.
- 117.20c Colour plan shows flagging of footpath on both sides of Park Road from Higher Parr Street to Black Horse Street. Includes 3 chapels, the Half Mile Inn on the corner of Prospect Road, Black Horse Inn in Black Horse Street, York Hotel on the corner of Ross Street, Parr Vaults on the corner of Merton Bank Road, Grey Horse Inn on the corner of Williamson Street and the Park Road Inn on the corner of Bolton Street. Scale: 41.66 feet to 1 inch. Dated 4 Mar 1914.
- 117.22a Plan shows proposed widening of Jubits Lane, from Bells Lane to Chester Lane and Gartons Lane. Shows Sutton Colliery and a garage. Scale: 41.66 feet to 1 inch. No date.
- 117.22b Small plan shows where Jubits Lane was to be widened. Scale: 41.66 feet to 1 inch. No date.
- 117.22c Small plan of Jubits Lane from Forest Road to the school. Includes a garage and other properties. Scale: 41.66 feet to 1 inch. No date.



- 117.22d Small plan on tracing paper of Jubits Lane. Includes Chester Lane and Gartons Lane. Scale: 1/2500. Dated 20 Oct 1921. Very poor condition.
- 122.3 Aqueduct No. 2. Plan shows water mains along Moss Lane, New Road, Long Borough Road, Ram Fold Lane, Catchdale Moss Lane, Gillars Lane and Eccleston Lane. 1882.
- 123.8a Plan shows the boiler room, engine room, press house, wagon way, office, laboratory, sludge well and tanks of the sewage disposal works. Includes sections, west elevation and north elevation. Scale: 8 feet to 1 inch. Contract no. 966. Drawing no. 5. Signed by George Broom. No date.
- 123.8b General plan shows press house, main corner, delivery channel, tanks, sludge well, office, laboratory, air compressor, blowing engine, air receiver, vertical boiler and boiler of the sewage disposal works. Scale: 1/8 inch to 1 foot. No contract number. No date.
- 123.11a Plan, sections and elevation show vertical engine, compressor and air receiver of sewage disposal works. Scale: 8 feet to 1 inch. No. 165. Dated 23 Aug 1904.
- 123.11b General plan shows St.Helens Canal, Sankey Brook, Havannah branch of London and North Western Railway, Broad Oak Farm, Broad Oak Cottages, Broad Oak Road, Derbyshire Hill Road, Newton Road, Epsom Street, St. Peter's Church and Vicarage. Area of 10.45 acres alongside Sankey Brook is marked by a red line. Scale: 208.33 feet to 1 inch. No. 154. Dated 11 May 1904. Signed by George Broom, Borough Engineer.
- 123.11c Small drawing of Sankey Brook and adjoining land. No contract number. No date.
- 123.20a County Borough of St.Helens. Plan of extension to sewage disposal works. Drawing No. 1. Shows storm water filter, septic tanks and filter beds (150 feet in diameter and 8 feet deep) an iron 'unclimbable' fence, a 12 inch wide roadway and the Sankey Brook. Scale: 20 feet to 1 inch. No date.
- 123.20b County Borough of St.Helens. Plan of extension to sewage disposal works. Drawing no. 5. Sections show filter beds, storm filter and septic tank. Scale: 20 feet to 1 inch. Drawn by George Broom, Borough Engineer. Dated 17 Jan 1907.
- 123.21 Plan shows no. 1 Works and no. 2 Works of Sewage Disposal Works. Includes St.Helens Canal, old double locks, Borough boundary, Sankey Brook, Broad Oak Road and outfall sewer. Land belonging to the Corporation is edged red Scale: 1/2500. Signed by Arthur W. Bradley, Borough Engineer.
- 124.1a Sectional plan, sectional elevation, and cross section of detail of a drying closet at St.Helens Borough Sanatorium. Scale: 1/2 inch to 1 foot. Drawing no. 6/7055. No date.

- 124.1b Blueprint copy of detail of drying closet at St.Helens Borough Sanatorium. Drawing no. 6/7055. No date.
- 124.1c Plan of detail of drying closet at St.Helens Borough Sanatorium. Includes cross section, sectional elevation and front elevation of furnace brickwork. Scale: ½ inch to 1 foot. Dated 8 Jul 1886. Stamped by Thomas Bradford and Company.
- 124.1d Sectional plan, sectional elevation, and cross section of detail of a drying closet at St.Helens Borough Sanatorium. Scale: ½ inch to 1 foot. Drawing no. 6/7055. Dated 5 Feb 1910.
- 124.1e Plan of drying closet at St.Helens Hospital. Scale: 4 feet to 1 inch. Stamped by Thomas Bradford and Company, engineers on 28 Feb 1895. Drawing no. 1/3714.
- 124.2a Levels of brook between Marshalls Cross Road and London and North Western Railway. Plan shows line of 24 inch pipe sewer and position of manholes. Scale: 41.66 feet to 1 inch. Dated 28 Jun 1909.
- 124.2b Levels of brook between Marshalls Cross Road and London and North Western Railway. Section shows bed of brook. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- 124.3a Scale: ½ inch to 1 foot. Dated 18 Oct 1897.
- 124.3b Plan of details of iron railings to ward stoves at St.Helens Borough Sanatorium. Includes section, full size horizontal section of hinges and full size elevation of hinges. Scale has been torn off. Dated 22 Aug 1903. Drawing No. 119.
- 124.3c Colour plan of details of iron railings to ward stoves at St.Helens Borough Sanatorium. Includes section, full size horizontal section of hinges and full size elevation of hinges. Scale has been torn off. Dated 22 Aug 1903. Drawing No. 119.
- 124.5 Plan of proposed porch for St.Helens Borough Sanatorium. Includes front elevation and side elevation. Scale: 2 feet to 1 inch. No date.
- 124.7a Plan of brook culvert of St.Helens Borough Sanatorium. Includes longitudinal section from brook to corner of Marshalls Cross Road. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated 8 Apr 1914.
- 124.7b Plan of brook culvert at St.Helens Borough Sanatorium. Includes longitudinal section from brook to corner of Marshalls Cross Road. Shows administration block and 8 manholes. Scale: 41.66 feet to 1 inch. Dated 8 Apr 1914.
- 124.9 Plan, section, front elevation and end elevation of fire hose cupboard at St.Helens Borough Sanatorium. Scale: 3 inch to 1 foot. No date.
- 124.10a Details of wringer with auto finger guard of Vowel A2 washing machine. In-

cludes cross section, front elevation and sectional end elevation. Scale: 3 inches to 1 foot. No contract number. Dated 28 Dec 1910. Stamped by Thomas Bradford and Company, engineers, Manchester.

- 124.10b Slip of paper containing directions for fixing Bradford's Patent Automatic finger guard to Vowel A2 washing machine. Print No. 17/60. Dated 28 Dec 1910.
- 124.11a Block plan of extension to St.Helens Borough Sanatorium. Shows Emmett Street, Marshalls Cross Road, Ormande Street, Sherdley Road, Dyson Street, Edgar Street, Bourne Street and Ada Street. Buildings include new large pavilion, new small pavilion, wards nos. 1 – 5 and the administration block. Scale: 41.66 feet to 1 inch. Drawn by George Broom on 5 May 1903.
- 124.11b Block plan of extension to St.Helens Borough Sanatorium. Scale: 41.66 feet to 1 inch. Drawn by George Broom on 5 May 1903.
- 124.11c Extension to Borough Sanatorium. Details of terra-cotta. Scale: full size. Includes apex block, front elevation of footable, side elevation of footable and factabling. Contract no. 971. Drawing No. 10. Drawn by George Broom on 7 May 1903.
- 124.11d Extension to Borough Sanatorium. Details of terra-cotta. Scale: full size. Includes apex block, front elevation of footable, side elevation of footable and factabling. Contract no. 971. Drawing No. 10. Drawn by George Broom on 7 May 1903.
- 124.11e Extension to Borough Sanatorium. Details of terra-cotta. Scale: full size. Includes apex block, front elevation of footable, side elevation of footable and factabling. Contract no. 971. Drawing No. 10. Drawn by George Broom on 7 May 1903.
- 124.11f Extension to Borough Sanatorium. Details of terra-cotta. Scale: full size. Shows elevation of block under footable (9 inches deep). Also shows section of cornice and blocking course for bay window. Contract no. 971. Drawing no. 11. Signed by George Broom. No date.
- 124.11g Extension to Borough Sanatorium. Details of terra-cotta. Scale: full size. Drawing no. 11. Elevation of block under footable (9 inches deep). Includes elevation of apex block adjoining chimney and section of cornice and blocking course for bay window. Contract no. 971. No date.
- 124.11h Extension to Borough Sanatorium. Details of terra-cotta. Scale: full size. Shows elevation of block under footable (9 inches deep). Also shows section of cornice and blocking course for bay window. Contract no. 971. Drawing no. 11. Signed by George Broom. No date.
- 124.11i Longitudinal sections show extension to Borough Sanatorium. Includes small pavilion, verandah, administration block and footpaths. Scale: 1/500. Dated 2 Aug 1912.

- 124.12a Plan of area of land in Emmett Street, 4620 square yards in area and costing £577.10s.0d, presumably to be used for the building of the Borough Sanatorium. Scale: 20 feet to 1 inch. Dated 8 Apr 1893.
- 124.12b Block plan shows extension to Borough Sanatorium. Shows Sherdley Road, Ormande Street, Dyson Street, Emmett Street and Marshalls Cross Road. Includes the observation block, administrative block, wards 1 to 5, the new large pavilion and the sewers and line of gas main. Scale: 41.66 feet to 1 inch. No date.
- 124.12c Plan for fitting of 9 inch and 12 inch pipe sewers for the Borough Sanatorium. Includes block plan and sections. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by George Broom, Borough Engineer. Dated 17 Feb 1905.
- 124.12d Extension to Borough Sanatorium. Includes administration block and wards nos. 1 to 6. Block plan shows Dyson Street, Emmett Street and Marshalls Cross Road. Scale: 41.66 feet to 1 inch. Dated 18 Jan 1908.
- 124.12e Preliminary sketches of the Borough Sanatorium showing offsets and line of sections. No scale. No date.
- 124.12f Longitudinal section along Marshalls Cross Road. No scale. Dated 1 Aug 1912. Very fragile.
- 124.12g Pencil drawing showing construction of sanatorium extension and boiler house. Boiler was 9 feet 9 inches in length. No scale. No date.
- 124.12h Plan of setting for a 4 foot 6 inch diameter Cornish boiler, for the Corporation of St.Helens. Shows 3 plans on 1 sheet. Includes instructions for setting sent by Edward E. Hiller, Chief Engineer at the National Boiler and General Insurance Company Limited, Head Offices, 22 Ann's Square, Manchester. No date.
- 124.12i Plan for a boiler or engine. Drawn by E.M. Hollingsworth, engineer. Dated 22 Apr 1910. Stamped by the Electric Power Station, St.Helens.
- 124.12j Small booklet that belonged to George Broom titled 'Blackman Electrically Driven Volume Fans and Rheostats'. Printed Jan 1910.
- 124.12k Small blue print for the Electric Power Station, St.Helens. Scale: 3 inches to 1 foot. Drawn by E.M. Hollingsworth, engineer, on 20 Apr 1910.
- 124.12l County Borough of St.Helens. Block plan of ward no. 4 of the Borough Sanatorium. Shows line of 6 inch and 9 inch pipe sewers and a longitudinal section. Scale: horizontal 20 feet to 1 inch; vertical 10 feet to 1 inch. Dated 12 Apr 1912.
- 124.12m Small sketch showing line of sewer and position of manhole for ward no. 4 of the Borough Sanatorium. Dated 12 Apr 1912.

- 124.12o Floor plan of Borough Sanatorium. Plan shows ironing room, delivery room, receiving room, wash house, boiler house, disinfected room, infected room and various machines. Scale: 8 feet to 1 inch. Feb 1908.
- 124.12p Floor plan of Borough Sanatorium. Shows wash house, ironing room, mortuary, boiler house and ambulance garages next to ward No. 4. Scale: 8 feet to 1 inch. Jul 1908.
- 124.12q Details of sanatorium roof. Shows roof beams and cast iron grating. Scale: ½ inch to 1 foot. Sep 1903.
- 124.12r Plan of streets off Sherdley Road at Peasley Cross. Shows Emmett Street, Dyson Street, Edgar Street, Bourne Street and Ormande Street and area of 6326 square feet near Dyson Street. Scale: 208.33 feet to 1 inch.
- 124.12s Plan of St.Helens Borough Sanatorium, Marshalls Cross Road. Shows ironing room, laundry, drying room, receiving room, boiler house, infected room, disinfected room, store room, tool house, ash pit, coal house, ambulance garages, mortuary ward No. 4 and administrative block. Includes dimensions of rooms. Scale: 8 feet to 1 inch. Jan 1908.
- 124.13 St.Helens Borough Sanatorium. Includes details of gable coping, footable stop blocks and knee blocks, elevation of factable stop block, sectional elevation of footable stop block and end section of coping. Dated 21 Jul 1897.
- 124.14 St.Helens Borough Sanatorium. Shows no. 4 pavilion, no. 5 pavilion, no. 3 pavilion, no. 6 observation block, discharge block, administration block and mortuary. Includes water mains (marked blue) and electric mains (marked red). Scale: 16 feet to 1 inch. Dated 1 May 1904.
- 124.16a Administrative block of St.Helens Borough Sanatorium. Drawing no. 1. Includes general plan, north elevation and sections. Scale: plan: 1/500; section ⅛ inch. Contract no. 733. Drawn by George Broom, Borough Engineer. No date.
- 124.16b Administrative block of St.Helens Borough Sanatorium. Drawing no. 2. Includes ground floor plan, first floor plan, roof plan, east elevation and west elevation. Scale: ⅛ inch. Contract no. 733. Drawn by George Broom, Borough Engineer. Signed by John Whittaker, Thomas Woods and L. Rawlinson, Town Clerks Office, St.Helens, on 4 Mar 1897.
- 124.16c Observation block of St.Helens Borough Sanatorium. Drawing no. 3. Includes roof plan, ground plan, south and north elevations and east and west and sections. Scale: ⅛ inch. Contract no. 733. Drawn by George Broom, Borough Engineer. Signed by John Whittaker, Thomas Woods and L. Rawlinson, Town Clerks Office, St.Helens, on 4 Mar 1897.
- 124.17A Extension to St.Helens Borough Sanatorium. Shown in front and back elevations and in section with details of foundations. Drawing no. 2. Scale: ⅛ inch. Sep 1902.

- 124.17B Details of extension to St.Helens Borough Sanatorium. Shows front elevation, section and plan of discharging block and mortuary and elevation, section and plan of additional bathrooms to ward nos. 1 and 4. Scale: 8 feet to 1 inch.
- 124.17C Extension to St.Helens Borough Sanatorium. Shows large pavilion buildings in front elevation, back elevation, longitudinal and cross section. Section drawings give various measurements. Scale: 8 feet to 1 inch. Drawing no. 2. Sep 1902.
- 124.17D Extension to St.Helens Borough Sanatorium. Includes roof plan, floor plan, end elevation and section. Floor plan shows wards, kitchen, hall, separation wards and verandah. Scale: 8 feet to 1 inch. Sep 1902.
- 124.18a Extension to St.Helens Borough Sanatorium. Drawing no. 1. Includes roof plan, end elevation and floor plan of ward 4 in the large pavilion. Scale: 8 feet to 1 inch. Contract no. 971. Drawn by George Broom in Sep 1902. Signed by James Pilkington.
- 124.18b Extension to St.Helens Borough Sanatorium. Drawing no. 2. Includes front elevation, back elevation and sections of ward 4 in the large pavilion. Scale: 8 feet to 1 inch. Contract no. 971. Drawn by George Broom in Sep 1902. Signed by James Pilkington.
- 124.18c Extension to St.Helens Borough Sanatorium. Drawing no. 5. Administrative block. Shows details of bay window, detail of staircase, sections of whole building and south elevation. Scale: 8 feet to 1 inch. Contract no. 971. Signed by James Pilkington on 11 May 1903.
- 124.18d Extension to St.Helens Borough Sanatorium. Drawing no. 6. Includes discharging block, mortuary, additional bathroom to ward no. 1 and additional bathroom to ward no. 4. Scale: 8 feet to 1 inch. Contract no. 971. Drawn by George Broom in Sep 1902. Signed by James Pilkington on 11 May 1903.
- 124.18e Proposed additions to St.Helens Borough Sanatorium. Plan shows new large pavilion, new small pavilion and extensions to observation block ward no. 6, discharging block, administrative block and a mortuary. Includes construction of 6 inch and 12 inch sewer pipes and 4 inch, 6 inch, 9 inch and 12 inch pipes. Also shows existing ward nos. 1, 2 and 3, disinfector, laundry, porters' lodge, sewage tanks, Sherdley Road (late Ell Bess Street), Ormande Street, Dyson Street, Emmett Street, Edgar Street, Bourne Street, Ada Street and Marshalls Cross Road. Scale: 41.66 feet to 1 inch. Contract no. 971. Drawing no. 9. Signed by George Broom on 11 May 1905.
- 124.18f Extension to St.Helens Borough Sanatorium. Large pavilion. Drawing no. 1. Includes floor plan (showing wards, kitchen and verandah), roof plan, end elevation and section. Scale: 8 feet to 1 inch. Contract no. 971. Drawn by George Broom in Sep 1902.
- 124.18g Extension to St.Helens Borough Sanatorium. Large pavilion. Drawing no. 2. Includes front elevation, back elevation and sections. Scale: 8 feet to 1 inch.

Contract no. 971. Drawn by George Broom in Sep 1902.

- 124.18h Extension to St.Helens Borough Sanatorium. Large pavilion. Drawing no. 3. Small pavilion. Drawing no. 3. Includes ground plan of verandah, nurses' duty room, wards and separation ward, half front elevation, half back elevation and sections. Scale: 8 feet to 1 inch. Contract no. 971. Drawn by George Broom in Sep 1902.
- 124.18i Extension to St.Helens Borough Sanatorium. Administrative block. Drawing no. 4. Includes ground floor plan showing bedrooms, matron's dining room and sitting room, porch and scullery; first floor plan showing bedrooms and bathrooms; west elevation; east elevation and roof plan. Scale: 8 feet to 1 inch. Contract no. 971. Drawn by George Broom in Sep 1902.
- 124.18j Extension to St.Helens Borough Sanatorium. Administrative block. Drawing no. 5. Includes sections and south elevation (scale: 8 feet to 1 inch), details of bay window in section and elevation (scale: 2 feet to 1 inch) and detail of staircase in plan and elevation (scale: 1½ inches to 1 foot). Contract no. 971. Drawn by George Broom.
- 124.18k Extension to St.Helens Borough Sanatorium. Drawing no. 6. Includes front and end elevation of discharging block and mortuary; sections and plan of mortuary and elevation, section and plan of additional bathrooms to wards no. 1 and no. 4. Scale: 8 feet to 1 inch. Contract no. 971. Drawn by George Broom in Sep 1902.
- 124.18l Extension to St.Helens Borough Sanatorium. Drawing no. 7. Details, half elevation and section of dome. Scale: 1 inch. Includes full size drawings of points, section of cornice and elevation of finials. Contract no. 971. Drawn by George Broom.
- 124.18m Extension to St.Helens Borough Sanatorium. Drawing no. 8. Includes elevation and section of verandah (scale: 1 inch to 1 foot); section and elevation of boundary wall (scale: 4 feet to 1 inch) and sketches of skirting boards, window frames and door frames. Contract no. 971. Drawn by George Broom on 5 May 1903.
- 124.18n Proposed additions to administrative block of St.Helens Borough Sanatorium. Includes ground floor plan showing 3 proposed bedrooms and a lavatory and first floor plan showing 3 proposed bedrooms, a lavatory and a bath. Scale: 8 feet to 1 inch. Dated Jul 1902.
- 124.18o Extension to St.Helens Borough Sanatorium. Ground plan shows 2 wards, a kitchen and a verandah. Scale: 8 feet to 1 inch. No date.
- 124.18p County Borough of St.Helens. Proposed exchange of land at Peasley Cross Hospital. Shows brook, Marshalls Cross Road and Peasley Vale. Area shaded pink consisted of 1348 square yards; area shaded green consisted of 897 square yards. Boundary of hospital is marked by a green line. Scale: 20 feet to 1 inch. Drawn by George Broom on 5 Jun 1896.

- 124.19a Extension to St.Helens Borough Sanatorium. Drawing no. 1. Includes roof plan, floor plan, end elevation and section. Scale: 8 feet to 1 inch. Contract no. 971. Drawn by George Broom.
- 124.19b Extension to St.Helens Borough Sanatorium. Drawing no. 2. Shows colour drawings of the front and back elevations of the large pavilion. Includes sections. Scale: 8 feet to 1 inch. Contract no. 971. Signed by George Broom in Sep 1902.
- 124.19c Extension to St.Helens Borough Sanatorium. Drawing no. 6. Includes discharging block, mortuary, additional bathroom to ward no. 1, additional bathroom to ward No 4. Includes several sections. Scale: 8 feet to 1 inch. Contract no. 971. Drawn by George Broom in Sep 1902.
- 124.20a County Borough of St.Helens. Proposed isolated smallpox hospital at Parr Flat. Plan of administrative block, ground floor and first floor. Includes caretaker's living room, scullery, kitchen and nurses' sitting room. Scale: 1/8 inch to 1 foot. No date.
- 124.20b County Borough of St.Helens. Proposed additions at Peasley Cross Hospital. Plan of proposed pavilion containing 2 wards, separation ward, kitchen and bathrooms. Scale: 8 feet to 1 inch. Drawn by George Broom, Borough Engineer. No date.
- 124.20c Peasley Vale Hospital. Proposed additions to administrative block. Ground plan shows matron's room, servants' bedrooms and sitting room, a kitchen and scullery. First floor plan shows matron's bedroom, nurses' bedrooms and a bathroom. Scale: 1/8 inch to 1 3/4 feet. No date.
- 124.20d Peasley Vale Hospital. Proposed isolated smallpox hospital and administrative block. Includes plan and section. Scale: 8 feet to 1 inch. No date.
- 124.20e Small plan of Peasley Vale Hospital. Very fragile. Not available for public consultation.
- 124.20f Proposed additions to Peasley Cross Hospital. Plan of proposed pavilion and covered way. The pavilion contains 2 wards, a separation ward, a kitchen and 2 bathrooms. Includes position of ward stoves. Scale: 8 feet to 1 inch. Dated 10 Dec 1895.
- 124.20g Proposed additions to administrative block at Peasley Vale Hospital. Includes a ground plan and chamber plan. Shows ground floor bedrooms, nurses' sitting room and dining room and stores that were proposed to be built. Scale: 8 feet to 1 inch. Drawn by George Broom, Borough Engineer, in Feb 1896.
- 124.20h Sewage tanks at St.Helens Borough Sanatorium. Drawing no. 6. Includes a general plan showing drains, sewage tanks and wall (scale: 1/500); a plan showing tanks and fitters (scale: 1/4 inch); section and elevation of walls and section of sewer (scale: horizontal 20 feet to 1 inch; vertical 10 feet to 1 inch). Contract no. 971. Drawn by George Broom, Borough Engineer. No



date.

- 124.20i Proposed administrative block at Peasley Cross Sanatorium. Plans of first and second floors show bedrooms, bathrooms and sick wards. Scale: 8 feet to 1 inch. Drawn by Arthur W. Bradley. No date.
- 124.20j Proposed administrative block at Peasley Cross Sanatorium. Ground floor plan shows kitchen, scullery, stores, nurses' dining room, dispensary, clothes store, committee room, butler's pantry, work room, maids' dining room, sister's dining room and bedroom, office and matron's dining room and bedroom. Scale: 8 feet to 1 inch. No date.
- 124.20k Alterations to administrative block at Peasley Cross Sanatorium. Includes plans showing matron's room and doctor's room on the ground floor; nurses' bedrooms on the first floor and servants' bedrooms on the second floor. Scale:  $\frac{1}{8}$  inch to 1 foot. No date.
- 124.20l St. Helens Borough Sanatorium. Plan shows proposed pavilions providing accommodation for 14 patients, male and female wards, bathrooms, separation wards, duty room or kitchen, receiving room, clothes store and nurses' room. Scale:  $\frac{1}{8}$  inch to 1 foot. Drawn by Arthur W. Bradley, Borough Engineer, in Oct 1912.
- 124.20m Proposed pavilions at Peasley Cross Sanatorium. Plan shows male and female wards, separation wards, duty room, hall, verandah, doctor's room, larder, clothes store and nurses' robing room. Includes accommodation for 14 patients. Scale:  $\frac{1}{8}$  inch to 1 foot. Scheme B. Drawn by Arthur W. Bradley, Borough Engineer. No date.
- 124.20n County Borough of St. Helens. Peasley Cross Sanatorium. Proposed isolation pavilion. Plan view. Pavilion is semi-circular in design. Includes a duty room, larder, wards, bathrooms and verandah. Scale:  $\frac{1}{8}$  inch to 1 foot. Drawn by Arthur W. Bradley, Borough Engineer. No date.
- 124.20o Sketch plan shows 2 wards, hall, bathrooms and verandah in proposed isolation pavilion at Peasley Cross Sanatorium. No scale. No date.
- 124.20p Extension at Nightingale Hospital. Extension consisted of yard, coal sheds, pantry, stores, scullery, kitchen, boiler house, bathroom and beer and wine stores. No scale. No date.
- 124.21 Section and plan show sewage tanks at Peasley Cross Sanatorium. No scale. No date.
- 124.22a St. Helens Corporation. Arrangement of large capacity disinfector. Shown in plan, elevation and end elevation. Scale:  $\frac{1}{2}$  inch to 1 foot. Made by Manlove, Elliott and Company Limited, engineers, Nottingham. Drawing nos. B10/195 to B10/198. 19 Jan 1910.
- 124.22b St. Helens Corporation. Arrangement of large capacity disinfector (7 feet long x 4 feet in diameter). Shown in plan, elevation and end elevation.

Scale: ½ inch to 1 foot. Made by Manlove, Alliott and Company Limited, engineers, Nottingham. Drawing nos. B10/195 to B10/198. 1 Apr 1910.

- 124.23a Proposed laundry for St.Helens Borough Sanatorium. Includes plans of ground floor and first floor, sections, front elevation and side elevation. Scale: ⅛ inch to 1 foot. Drawn by George Broom in Oct 1908.
- 124.23b Proposed laundry for St.Helens Borough Sanatorium. Drawing no. 2. Includes a plan showing elevation and section of wash house and boiler house. Scale: 2 feet to 1 inch. Contract no. 1257. Signed by Henry Waizborn and Albert Waizborn, contractors, on 13 Apr 1910.
- 124.23c Proposed laundry for St.Helens Borough Sanatorium. Plan showing elevation and section of wash house and boiler house. Scale: 2 feet to 1 inch. Contract no. 1257. Drawing no. 2. No date.
- 124.23d Proposed laundry for St.Helens Borough Sanatorium. Includes plan showing front elevation, side elevation and sections of wash house, delivery room, ironing room, boiler house, airing room, infected room and disinfected room. Scale: ⅛ inch to 1 foot. No date. 2 copies.
- 124.23e Proposed laundry for St.Helens Borough Sanatorium. Plans show wash house, receiving room and boiler house on the ground floor and ironing room on the first floor. Includes front elevation, side elevation and sections. Scale: ⅛ inch to 1 foot. Dated 12 Oct 1908. 2 copies.
- 124.23f Proposed laundry for St.Helens Borough Sanatorium. Shows wash house with foul washing machine, soap boiler, rinsing tanks and starcher; ironing room with mangle and ironing machine and a room with motor and blower. Drawing no. 1/7055. Stamped by Thomas Bradford and Company, engineers, on 27 Jan 1908.
- 124.23g Proposed laundry for St.Helens Borough Sanatorium. Shows washing machines, soap boiler, hydro extractor, boiler, stoves, ironing machine and mangle. Drawing no. 3/7055. Scale: ⅛ inch to 1 foot. Stamped by Thomas Bradford and Company, engineers, on 6 May 1908.
- 124.23h Sectional elevation, plan and details of roof trusses on laundry for St.Helens Borough Sanatorium. Copy of blueprint from William Park and Company, Structural Engineers, Wigan. Dated 1 Apr 1910.
- 124.23i Proposed arrangement of laundry for the St.Helens Borough Sanatorium. Shows vertical boiler, water heater, drying horses, ironing table, steeping tank, wash troughs, soap and soda tanks, washing machines, hydro-extractor, wringer, coke stove, body ironer and radical airing horse. Scale: ¼ inch to 1 foot. Drawing no. 2130. No date.
- 124.23j Blueprint of front and side elevation of a 4 poles 860 revolutions per minute 10 horse power 460 volts motor. Stamped by the Electric Power Station, St.Helens. Drawn by E.M. Hollingsworth, engineer, on 22 Jun 1910.

- 124.23k Proposed additions to laundry at Peasley Cross Fever Hospital. Plan shows the drying room that was to be added to the coach houses, laundry and disinfecting rooms. No scale. Dated 22 Jan 1896.
- 124.23l Proposed pantry and enlargement of servants' hall of Borough Sanatorium. Shown in plan, elevation and section. Scale: 8 inches to 1 foot. Includes block plan which shows Marshalls Cross Road and Emmett Street (Scale: 1/500). Contract no. 1192. Drawn by George Broom on 13 Aug 1907. Signed on 12 Mar 1908 by Henry Waizborn and Albert Waizborn.
- 124.23m Ground plan of laundry of Borough Sanatorium. Also includes mortuary, administration block, discharging block and ward no. 4. Scale: 1/8 inch to 1 foot. Dated 8 Jul 1908.
- 124.23n Plan of proposed laundry for Peasley Cross Hospital. Shows wash house, boiler house and receiving room on the ground floor and ironing room, delivery room and airing room on first floor. Scale: 8 feet to 1 inch. Dated 16 Jul 1908.
- 124.23o Plan of laundry, ironing room, receiving room, drying room, boiler house, disinfected room and infected room of Borough Sanatorium. Scale: 8 inches to 1 foot. Dated 17 Jan 1908.
- 124.23p Plan shows existing laundry of Borough Sanatorium and adjoining buildings. Includes sections. Scale: 8 feet to 1 inch. No date.
- 124.23q Plan of additions to laundry of Borough Sanatorium. Includes delivery room, ironing room, wash house, boiler house, airing room and infected room. Scale: 8 feet to 1 inch. Dated 8 Apr 1909.
- 124.23r Details of roof trusses of laundry of Borough Sanatorium. Includes sectional elevation and plan. Copy of blueprint from William Park and Company, Structural Engineers, Wigan, 1 Apr 1910. Stamped by Borough Engineers Department, St.Helens, on 17 May 1910.
- 124.23s Plan and sections show chimney for laundry of Borough Sanatorium. Scale: 1 foot to 1 inch and 4 feet to 1 inch. Contract no. 1257. Drawn by George Broom. Dated 5 Apr 1910. Signed by Henry Waizborn.
- 124.24 County Borough of St.Helens. General plan of infectious hospital includes Emmett Street, Marshalls Cross Road and the brook. Shows change in site of the proposed pavilion and intended additions to the administrative block. Scale: 41.66 feet to 1 inch. Drawn by George Broom, Borough Engineer. Copy sent to Dr Thorne on 27 Jan 1896.
- 124.26 Proposed lavatory and urinal in the Borough Sanatorium. Plans show the lavatory sited between the porch and the matron's dining room and the urinal sited near the mortuary. 6 inch pipe sewers were proposed for both. Includes sections. Scale: 8 feet to 1 inch and 4 feet to 1 inch. Drawn 15 Dec 1909. Stamped by Borough Engineer's Department on 27 Dec 1909.

- 124.27 Bury Fever Hospital. Drawing shows sizes and depths of manholes on drains. Plan shows isolation pavilion, diphtheria pavilion, typhoid fever pavilion, scarlet fever pavilion, kitchen and stores, administrative block, discharge block, lodge, laundry, mortuary and stables. Scale: 32 feet to 1 inch. No date.
- 124.28 St. Helens Borough Sanatorium. Detail of foundation and drains in wash house. Plan of wash house shows design of equipment used e.g. steeping tank, boiling tank and rinsing tank. Includes ironing room and drying closet and sections of a 32 inch thermodynamic Hydro extractor, No 18 Sargar washing machine, washing troughs and steeping tank. Scale: ½ inch to 1 foot. Drawing no 5/7055. Stamped by Thomas Bradford and Company, engineers. Dated 4 Feb 1910.
- 125.1 Sutton intercepting sewer. Drawing no. 2. Sheet no. 3. Longitudinal section across fields and along intended streets to be built. Shows a 5 foot diameter circular sewer in 9 inch brickwork and manholes nos. 14-21. Included on the sheet are several statements of materials needed and the extent of work to be done. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Contract no. 1227. Stamped by the Town Clerk's office on 4 Oct 1910.
- 125.1b Sutton intercepting sewer. Drawing no. 2. Sheet no. 4. Longitudinal section of Derbyshire Hill Road and Fleet Lane. Shows proposed 4 foot 6 inch diameter circular sewer in 9 inch brickwork and manholes nos. 21-30. Included are several statements of materials needed and the extent of work to be done. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Contract no. 1227. Stamped by the Town Clerk's office on 4 Oct 1910.
- 125.1c Sutton intercepting sewer. Drawing no. 2. Sheet no. 9. Longitudinal section of Ellamsbridge Road, Edgeworth Street and Robins Lane. Shows proposed 3 foot 6 inch and 3 foot diameter circular sewer in 9 inch brickwork, manholes nos. 56-64 and borehole no. 6 (with a soil profile depth of 20 feet 0 inches). The existing 15 inch pipe sewer was to be taken up. Included on the sheet are several statements of work to be done and materials to be required. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Contract no. 1227. Stamped by the Town Clerk's Office on 4 Oct 1910.
- 125.1d Sutton intercepting sewer. Drawing no. 2. Sheet no. 10. Longitudinal section of Monastery Road and arable land. Shows proposed 2 foot 6 inch diameter circular sewer in 9 inch brickwork. The existing 12 inch pipe sewer was to be taken up. Included are manholes nos. 64-70 and borehole no. 7 (with a soil profile depth of 18 feet). Includes several statements of work to be done and materials to be required.
- 125.1e Sutton intercepting sewer. Includes 4 foot 6 inch section and manholes nos. 29-31. Longitudinal section includes 2 shafts and soil profile (mostly clay and sand). Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Contract no. 1227. Dated 14 Jul 1910.
- 125.2 Sutton intercepting sewer. Drawing no. 2. Sheet no. 9. Longitudinal section shows tunnel running along Ellamsbridge Road, Edgeworth Street and

Robins Lane. Includes 3 foot 6 inch diameter circular sewer, 3 foot diameter sewer, existing 15 inch pipe sewer and 3 foot diameter circular sewer in 9 inch brickwork. Shows overflow, London and North Western Railway and section running from manhole no. 56 to manhole no. 63. No scale. No date.

- 125.2a Sutton intercepting sewer. Plans show overflow into brook at outfall works and overflow into Sankey Brook. Includes sections. Scale: 4 feet to 1 inch and 20 feet to 1 inch. Contract no. 1187. Drawing no. 4. Dated Dec 1907. Signed by George Broom, Borough Engineer.
- 125.2b Sutton intercepting sewer. Section running along Ellamsbridge Road into Edgeworth Street. Shows manholes 57-60, shaft, working shaft sunk to invert level and length of existing 15 inch pipe sewer which was taken up and re-laid. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Contract no. 1187. 21 Apr 1909.
- 125.2c Sutton intercepting sewer. Construction of a 12 inch diameter pipe sewer at the rear of Newton Road running from Drayton Street. Plan also shows fitting of a 6 foot diameter brick sewer along Drayton Street. Includes Mersey Street, Stanton Street, Ralph Street and 12 inch pipe sewer. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Contract no. 1187. Drawing no. 3 Dated Dec 1907. Signed by George Broom.
- 125.2d Sutton intercepting sewer. Drawing no. 11. Plan and sections show manholes nos. 40 and 41, 65 to 74, 78 to 82 and 83-93. Scale: 4 feet to 1 inch. Contract no. 1187. Drawn Dec 1907. Signed on 12 Mar 1908 by R. Burns, Robert Lowry and James Hammill, Town Clerk's Office.
- 125.2e Sutton intercepting sewer. Drawings include overflow into brook and several manholes in plan and section. Drawing no. 9. Scale: 4 feet to 1 inch. Contract no. 1187. Drawn by George Broom in Dec 1907. Signed on 12 Mar 1908 by R.L. Burns and James Hammill, Town Clerk's Office.
- 125.2f Plan of Sutton intercepting sewer. Drawing no. 1. Sheet no. 2. Shows position of houses, manholes and 6 foot sewer in 9 inch brickwork. Includes Newton Road. Scale: 41.66 feet to 1 inch. Drawn by George Broom. No date.
- 125.2g Longitudinal section of Sutton intercepting sewer. Drawing no. 2. Sheet no. 2. Section shows Drayton Street from manhole no. 5 to manhole no. 14. Includes 6 foot and 5 foot diameter circular sewer in 9 inch brickwork. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by George Broom. No date.
- 125.2h Longitudinal section of Sutton intercepting sewer. Drawing no. 2. Sheet no. 3. Section shows fields and intended streets from manhole no. 14 to manhole no. 21 and borehole no. 2. Includes soil profile (clay and loamy sand). Shows 5 foot diameter circular sewer in 9 inch brickwork. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by George Broom. No date.

- 125.2i Longitudinal section of Sutton intercepting sewer. Drawing no. 2. Sheet no. 6. Section shows Berrys Lane and borehole no. 5. Includes soil profile (clay and gravel). Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by George Broom. No date.
- 125.2j Longitudinal section of Sutton intercepting sewer. Drawing no. 2. Sheet no. 13. Section shows Mill Lane from manhole no. 81 to manhole no. 87. Includes 18 inch and 12 inch diameter pipe sewers. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by George Broom. No date.
- 125.2k Sutton intercepting sewer. Overflow into brook at outfall works. Drawing no. 4. Contract no. 1187. Includes elevation and sections. Scale: 20 feet to 1 inch. No date.
- 125.2l Sutton intercepting sewer. Overflow chamber at outfall works. Drawing no. 5. Contract no. 1187. Includes sections. Scale: 4 feet to 1 inch. No date.
- 125.2m Sutton intercepting sewer. Improvement to Ellams Bridge. Drawing no. 12. Block plan shows bridge over Sutton Brook. Sections show the water level, road surface, storm sewer and present elevation. Scale: 1/500 and 4 feet to 1 inch. Drawn by George Broom in Dec 1907. Contract no. 1187. Signed by R.L. Burns, Governing Director of E. Burns and Sons Limited, on 12 Mar 1908.
- 125.2n Sutton intercepting sewer. Drawing no. 2. Sheet no. 1. Longitudinal section shows land for sewage works, waste bank and fields, from manhole no. 1 to manhole no. 5 and borehole no. 1. Includes soil profile (clay and blue shale). Shows 6 foot diameter circular sewer in 9 inch brickwork, Sankey Brook, London and North Western Railway (Havannah branch) and Old Wagon Road. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by George Broom. No date.
- 125.2o Sutton intercepting sewer. Drawing no. 1. Sheet no. 1. Plan of sewer from manhole no. 1 to no. 5 and borehole no. 1. Shows 6 foot diameter circular sewer from Sankey Brook to existing sewer. Includes London and North Western Railway. Scale: horizontal 41.66 feet to 1 inch. Drawn by George Broom. No date.
- 125.2p Sutton intercepting sewer. Details of manhole no. 77 and overflow chamber. Plan and sections show Mill Lane and manhole no. 76. Contract no. 1187. Drawing no. 10. Scale: 4 feet to 1 inch. Dec 1907.
- 125.2q Longitudinal section of Sutton intercepting sewer. Includes manholes nos. 10-17 near Newton Road and shafts nos. 1 and 2. Contract no. 1187. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch.
- 125.2r Longitudinal section of Sutton intercepting sewer. Includes manholes nos. 10-17 near Newton Road and shafts nos. 1 and 2. Contract no. 1187. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch.
- 125.3 Proposed brook culvert in Berrys Lane. Plan shows existing 4 foot 0 inch

diameter brick sewer, existing 24 inch pipe, 7 inch diameter gas main and 15 inch diameter water main. Scale: 8 feet to 1 inch. Includes a longitudinal section of Berrys Lane. Includes section. Scale: 2 feet to 1 inch. Contract No. 1301. Dated 20 Jun 1911. Work commenced on 5 Sep 1911. Completed on 22 Sep 1911. Signed by George Broom, Borough Engineer in Jul 1911.

- 125.4a Map of sewers in County Borough of St.Helens. Colour portions of map show area to be dealt with and area to be acquired for outfall. Drawn by George Broom on 3 May 1905. Scale: 6 inches to 1 mile.
- 125.4b Plan of proposed intercepting sewer. Shows Redgate Swing Bridge, sewage tanks, Sankey Brook and the London and North Western Railway (Havannah Branch). No date.
- 125.4c Sutton Intercepting sewer. Plan and sections show sewer crossing brook at Berrys Lane. Scale: 2 feet to 1 inch. No date.
- 125.4d Sutton Intercepting Sewer. Drawing No. 6. Plan and sections show manhole and overflow chambers No. 1 and No. 2. Scale: 4 feet to 1 inch. Drawn by George Broom, Borough Engineer. Dated 17 Jan 1907.
- 125.4e Map shows Sutton Intercepting Sewer from Reginald Road to Clock Face. Includes existing 18 inch pipe sewer, the intercepting sewer during the course of construction and the Fern Estate. Drawn by George Broom, Borough Engineer in Mar 1908.
- 125.4f Small plan of Sutton Intercepting Sewer. Shows Worsley Brow, Edgeworth Road, Robins Lane and Church Road. No scale. No date.
- 125.4g Proposed drainage scheme at the Bull and Dog Inn, Marshalls Cross for Messrs. Greenall Whitley and Company Limited, St.Helens. Shows the lines of proposed 6 inch sewer. Scale: 41.66 feet to 1 inch. Drawn by James and William Gandy, architects, St.Helens, on 30 Aug 1910.
- 125.4h Pencil sketch of Sutton Intercepting Sewer. Shows Berrys Lane, the working shafts and manholes. Includes a list of material used. No scale. Very fragile. 27 Sep 1910
- 125.4i 3 lists of materials used and prices paid for the Sutton Intercepting Sewer. No date.
- 125.4j Sutton Intercepting Sewer. Position of rock between Nos. 2 and 4 manholes. Sections show London and North Western Railway and positions of hard rock and shale. Scale ¼ inch to 1 foot. Jul 1909.
- 125.4k Sutton Intercepting Sewer. Calculations of hard rock area (290.38 cubic yards). Dated Jul 1909.
- 125.4L Pencil sketch of filter beds at the Sewage Disposal Works. Beds were 150 feet in diameter and 8 inches deep. No date.

- 125.4m Map of Sutton and area showing line of proposed intercepting sewer from Sankey Brook, under the London and North Western Railway Havannah line, under Newton Road, under Berry's line following the line to the road and into and along Reginald Road. Scale: 6 inches to 1 mile. Drawn by George Broom, Borough Engineer, on 28 Mar 1906.
- 125.4n Section of Sutton Brook from Ellamsbridge towards Watery Lane. Brook was to be cleaned out to a depth of 8 feet. Scale: 1/500. Dated 31 Dec 1907.
- 125.4o Plan of Sutton Intercepting Sewer. Includes St.Helens Canal, Sankey Brook, Newton Road, Pleasant Street, Provident Street and Derbyshire Hill Road. Scale: 208.33 feet to 1 inch. Dated 31 Oct 1907.
- 125.4p County Borough of St.Helens. Map of area shows line of proposed intercepting sewer from Sankey Brook to Reginald Road. Scale: 6 inches to 1 mile. Drawn by George Broom, Borough Engineer, on 9 Dec 1908.
- 125.4Q Proposed drainage scheme at the Bull and Dog Inn, Marshalls Cross, for Messrs. Greenall Whitley and Company Limited, St.Helens. Scale: 41.66 feet to 1 inch. Dated 30 Aug 1910.
- 125.4R Sutton intercepting sewer. Berrys Lane. Section includes manholes nos. 36 and 37 and 2 working shafts. Scale: horizontal 41.66 feet to 1 inch: vertical 10 feet to 1 inch. Dated 4 Oct 1910.
- 125.4s Pencil drawing of cross section of intercepting sewer and Sankey Brook. Section shows 3 foot 6 inch sewer between manhole 43 and 44. Half inch scale. Signed by J. Yearsley on 9 Jan 1911.
- 125.4t Colour pencil sketches of old manhole rebuilt between manhole 51 and 52. Section shows culvert crossing road near manhole 52. Scale: ½ inch. Signed by J. Yearsley, Jun 1911.
- 125.4u Cross section of sewer under the London and North Western Railway Havannah line. No scale. Dated 31 Oct 1907.
- 125.4v Cross sections of two boreholes. Borehole No. 1 contained 1 foot 6 inches of road, 15 feet of clay and 5 feet 6 inches of blue shale. Total depth was 22 feet 0 inches. Borehole No. 2 contained 2 feet 0 inches of soil, 12 feet 0 inches of loamy sand, 5 feet 0 inches of clay and 9 feet 0 inches of marl. Total depth was 28 feet 0 inches.
- 125.4w Longitudinal section of a 6 foot diameter circular brick sewer. No scale. No date.
- 125.4x Plan of proposed intercepting sewer from Newton Road to Watery Lane. No scale. No date.
- 125.4y Small pencil plan on tracing paper of line of proposed intercepting sewer.



No scale. Dated 29 May 1911.

- 125.4z Pencil calculations of area from the Sutton intercepting sewer to the fence. No date.
- 125.4az Longitudinal section of Sutton intercepting sewer from Robins Lane to Watery Lane. Scale: 208.33 feet to 1 inch. No date.
- 125.4bz Estimate of extra work required to be done to carry the Sutton intercepting sewer as far as open brook. Total of extra work cost £2,250.4s 0d plus previous estimate £8,000 = £10,250.4s 0d. Signed by George Broom on 4 Mar 1885.
- 125.4cz County Borough of St.Helens. Intercepting sewer. Details of steel tube. Shown in elevation, plan and section and longitudinal sectional elevation. Various scales. Drawn by George Broom, Borough Engineer, on 18 Jul 1894.
- 125.4dz Sutton Intercepting Sewer. Longitudinal section from Monastery Road to Leech Lane. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by George Broom. Dated 14 Feb 1906. Includes drawing of sewer under Leech Lane railway.
- 125.4ez Sutton Intercepting Sewer. Plan view of a 30 inch diameter circular sewer in 9 inch brick work from Church Road to the manhole in Leech Lane near the London and North Western Railway line (Manchester to Liverpool line). Scale: 41.66 feet to 1 inch. Drawn by George Broom. Dated 7 Feb 1906.
- 125.4fz Sutton Intercepting Sewer. Plan view from London and North Western Railway (Havannah Branch) to run parallel with Newton Road. Plan includes Derbyshire Hill Road and Green Farm. Scale: 208.33 feet to 1 inch. Includes longitudinal section and cross sections of headings under Havannah Branch and Leech Lane. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by George Broom. Dated 21 Mar 1906.
- 125.4gz Plan shows line of Sutton Intercepting Sewer from Haydock branch of London and North Western Railway to run parallel with Newton Road. Plan includes Ashton Green Farm, St.Helens Canal and Sankey Brook. Scale: 208.33 feet to 1 inch. Dated 14 Mar 1906.
- 125.4hz Tracing of line of proposed intercepting sewer. Differing widths of sewer were 12 inches, 18 inches, 30 inches, 3 feet 0 inches, 3 feet 6 inches, 4 feet 0 inches, 4 feet 6 inches and 6 feet 0 inches. Property owners were Richard Evans and Company Limited, London and North Western Railway Company, Messrs. Pilkington Brothers and the Roman Catholic Bishop of Liverpool. 6 inch scale. Copied from Town Clerk's plan on 4 Oct 1907.
- 125.4iz Plan shows crossing of Sutton Intercepting Sewer at the Leigh Estate. Includes longitudinal section. Scale: 208.33 feet to 1 inch. Drawing no. 286. Dated 23 Oct 1907.

- 125.4jz Longitudinal section of Sutton Intercepting Sewer from Monastery Road to Leech Road. Includes a cross section of the heading under the London and North Western Railway, Leech Road. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawing no. 289. Dated 4 Nov 1907.
- 125.4kz Map of St.Helens shows line and widths of proposed intercepting sewer. Scale: 6 inches to 1 mile. Drawn by George Broom, Borough Engineer, in Jan 1903. Copied from Town Clerk's plan on 7 Oct 1907.
- 125.4lz Sutton Intercepting Sewer. Shows Sewage Disposal Works, London and North Western Railway, St.Helens Canal, Sankey Brook, Derbyshire Hill Road, Newton Road and Ashton Green Farm. Scale: 208.33 feet to 1 inch. No 292. Signed by George Broom. Dated 23 Dec 1907.
- 125.4mz Longitudinal section shows soil profile (soil, clay and sand) along the line of the Sutton intercepting sewer. Includes 2 cross sections of soil showing the sewer built into the clay. Scale: 4 feet to 1 inch. Dated 14 May 1909.
- 125.4nz Longitudinal section of Sutton intercepting sewer. Shows position of man-holes and shafts. Section includes manhole nos. 14, 15 and 16. No scale. No date.
- 125.4oz Longitudinal section of intercepting sewer. Includes a cross section showing soil profile. No scale. No date.
- 125.4pz Sutton intercepting sewer. Pencil drawings of 4 soil profiles. No scale. Dated 17 Jun 1909 and 18 Jun 1909.
- 125.4qz Longitudinal sections of line of intercepting sewer. Includes manhole no. 30 and the shaft between manholes 30 and 31. No scale. 1910.
- 125.4rz Longitudinal section of Mill Lane from manhole no. 76 to no. 82. Shows position of 18 inch pipe sewer and broken pipes which were to be taken up and replaced. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawing no. 400. Dated 26 May 1911.
- 125.4sz Steel tube of Sutton Intercepting Sewer. Elevation shows  $\frac{1}{2}$  inch plates,  $\frac{3}{4}$  inch rivets,  $2\frac{1}{2}$  inch pitches,  $\frac{3}{4}$  inch bolts and 5 inch pitch. Section shows width of tube. Scale: 1 inch to 1 foot. No. 310. Signed by George Broom, Borough Engineer. Dated 26 Aug 1908.
- 125.4tz Sutton Intercepting Sewer. Sections show widths of 8 feet 0 inches and 6 feet 0 inches. Includes longitudinal section. Scale: 1 inch to 1 foot. Dated 9 Jun 1909.
- 125.4uz Plan and sections show the Sutton Intercepting Sewer crossing the brook at Berrys Lane. Scale: 2 feet to 1 inch. Drawing No. 370. Dated 12 Aug 1910.
- 125.4vz Plan of Sutton Intercepting Sewer from Ellamsbridge Road to Watery lane. 3 foot diameter circular brick sewer with 5 manholes and an overflow into Mill Brook. Shows waste sand carrier, Goodban Street, Carnegie Street, All

Saints Church, Taylor Street and Edgeworth Street. Scale: 41.66 feet to 1 inch. Dated 14 Mar 1905.

- 125.4wz Plan of Sutton Intercepting Sewer. Includes canal, Sankey Brook, London and North Western Railway (Havannah branch), Derbyshire Hill Road, Newton Road and Mount Pleasant. Scale: 208.33 feet to 1 inch. Dated 28 Oct 1905.
- 125.4xz Plan of Sutton Intercepting Sewer from the London and North Western Railway (Havannah branch) to Derbyshire Hill Road. Shows the hamlet of Havannah. Scale: 208.33 feet to 1 inch. Dated 15 Jan 1906.
- 125.4yz Plan of Sutton Intercepting Sewer from Church Road to Leech Road. Includes the burial ground and Railway Terrace. Scale: 41.66 feet to 1 inch. Drawn by George Broom, Borough Engineer. Dated 7 Feb 1906.
- 125.4zz Plan of Sutton Intercepting Sewer from Monastery Road (late Church Road) to Leech Lane. Includes London and North Western Railway lines, Gerards Lane, Robins Lane and Railway Terrace. Scale: 208.33 feet to 1 inch. Dated 31 Oct 1907.
- 125.4a3 Plan shows temporary connection of existing sewer with new sewer at manhole no. 57. Scale: 4 feet to 1 inch. Dated 23 Jan 1909.
- 125.4b3 Sutton Intercepting Sewer. Shows section of brickwork of 5 foot culvert. Dated 21 Nov 1908.
- 125.4c3 Sutton Intercepting Sewer. Includes section of 5 foot culvert built with square and radiated bricks and a diagram of 5 foot culvert built with slightly different radiated bricks. No scale. Dated 21 Nov 1908.
- 125.4d3 7 diagrams of Sutton Intercepting Sewer. Plan of timbering in headings completed by Messrs. Burns and Son between manhole nos. 1 and 15. Scale: 1 inch to 1 foot. Signed by J. Yearsley, 15 Jul 1909.
- 125.4.e3 Sutton Intercepting Sewer. Letter from J. Yearsley to George regarding the timbering carried out by Burns and Son between manhole nos. 1 to 15. Dated Jul 15 1909.
- 125.4f3 Sutton Intercepting Sewer. Section of heading between manhole 37 and no. 1 shaft (going east). Scale: ½ inch to 1 foot. Signed by J. Yearsley. Dated 28 Sep 1910.
- 125.4g3 Sutton Intercepting Sewer. Section of heading 18 feet east of no. 2 shaft going from manhole 37. Scale: ½ inch to 1 foot. Signed by J. Yearsley. Dated 28 Sep 1910.
- 125.4h3 Map of the Borough of St.Helens shows sewer from the Sankey Brook to Chester Lane, near the London and North Western Railway (Liverpool and Manchester Line). Pipes were 12 inches, 18 inches, 30 inches, 3 feet 0 inches, 3 feet 6 inches, 4 feet 0 inches, 4 feet 6 inches, 5 feet 0 inches, and

6 feet 0 inches. Includes a storm overflow (6 feet 0 inches x 4 feet 0 inches). Scale: 6 inches to 1 mile. Drawn by Arthur W. Bradley, Borough Engineer, on 27 Oct 1913. Copy sent to the Town Clerk on 28 Oct 1913.

- 125.4i3 Sutton Intercepting Sewer. Longitudinal section shows fields, Drayton Street, Derbyshire Hill Road, Fleet Lane, Berrys Lane, Watery Lane, Worsley Brow, Ellamsbridge Road and Edgeworth Street. Scale: 1: 2000. No date.
- 125.4j3 Plan and sections of Sutton Intercepting Sewer. No scale. No signature. No date.
- 125.4k3 Sutton Intercepting Sewer. Longitudinal section from manhole no. 76 to 81. No scale. No date.
- 125.4l3 Sutton Intercepting Sewer. Longitudinal section shows Worsley Brow, Ellamsbridge Road and Edgeworth Street, from manhole no. 55 to 59. Includes overflow and 3 foot and 3 foot 6 inch diameter sewers. No scale. No date.
- 125.4m3 Longitudinal section of Sutton Intercepting Sewer from Watery Lane to junction of Worsley Brow and Ellamsbridge Road. No scale. No date.
- 125.4n3 Pencil tracing of Sutton Intercepting Sewer. Scale: 6 inches to 1 mile. 17.77 acres per square inch. No date.
- 125.6a Plan of extension of Sutton Intercepting Sewer from Reginald Road to Clock Face. Includes Mill Lane, Mill Brow, Abbott's Farm, Mill Farm, Willow Tree Farm, Clock Face Road, Clock Face Station, Fern Estate and Gartons Lane. Longitudinal section shows an inclination of 1 in 27, 1 in 400 and 1 in 333. Scale: horizontal 208.33 feet to 1 inch; vertical 20 feet to 1 inch. Drawing no. 291. Drawn by George Broom on 27 Nov 1907.
- 125.6b Plan of extension of Sutton Intercepting Sewer from Reginald Road to Clock Face. Shows 18 inch pipe sewer running from junction of Leach Lane and Reginald Road, over to manhole and Mill Lane. Scale: 41.66 feet to 1 inch. Includes sections. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Sheet no. 1. Drawing no. 1. Contract no. 1256. No date.
- 125.7 Plan and sections of Sutton Intercepting Sewer. Drawing no. 6. Includes manhole and overflow chamber no. 1 and 2. Scale: 4 feet to 1 inch. Drawn by George Broom, Borough Engineer. Drawing no. 262. Dated 17 Jan 1907.
- 125.8 Proposed brook culvert in Berrys Lane, Sutton Moss. Shows 2 reservoirs and a stream running from east to west. Includes Parr Moss Works, Sutton Rolling Mill, Parr Depot, Hammond Street, Gaskell Street, Nook Lane, Watery Lane, Rolling Mill Lane, Moss Lane, Berrys Lane and Ramford Street. Scale: 208.33 feet to 1 inch. No date.
- 125.11 Longitudinal section of intercepting sewer running from overflow and Penstock Chamber to Sankey Brook. Shows Ashcroft Street, stream, filling,

overflow, Rainford Brook, tramway from Parr Copper Works, Boardmans Lane, London and North Western Railway (Blackbrook branch and Haydock branch) and overflow boundary post. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Includes sections. Contract no. 509. Drawing no. 2. Signed by George Broom, Borough Engineer. No date.

- 125.16 Longitudinal sections show sewers under Watery Lane and Rolling Mill Lane. Scale: horizontal 41.66 feet to 1 inch; vertical 1 foot to 1 inch. No date.
- 126.1A Plan of improvement to Crab Street. Includes plan, section and elevation of buildings. Scale: plan 41.66 feet to 1 inch; plan, section and elevation 8 feet to 1 inch. Aug 1904.
- 126.1B Pencil sketch of plan, section and elevation of buildings in Crab Street. No date.
- 126.1C Plan of Lowe House Estate. Includes elevation of wall and railings along 1 side of Crab Street and details of various buildings that were to be built in Crab Street. Scale: plan 41.66 feet to 1 inch; elevations and details 8 feet to 1 inch. No date.
- 126.1D Plan of Lowe House Estate. Shows proposed improvement to Crab Street. Scale: 41.66 feet to 1 inch. 1903.
- 126.1E Plan of proposed improvement to Crab Street. Shows existing buildings and proposed new schools. Includes measurements of width of street. Scale: 41.66 feet to 1 inch. No date.
- 126.1F Plan of junction of Crab Street and Marley Street. Showing area that was to be removed in order to widen Crab Street. Scale: 41.66 feet to 1 inch. Aug 1887. 2 copies.
- 126.1H Plan of Crab Street. Shows proposed street lines. No date.
- 126.3A Plan of Greengate Brick and Tile Works. Shows the diversion of Elm Road and footpath diversions. Scale: 41.66 feet to 1 inch. Jan 1908.
- 126.3B Plan of footpaths near Greengate Brick and Tile Works, Ravenhead. Shows existing footpaths, footpaths to be closed and proposed new footpaths. Scale: 41.66 feet to 1 inch. Mar 1909.
- 126.3C Plan of clay pit of Greengate Brick and Tile Works. Includes diversion of Elm Road (late Hall Lane) and footpaths. Scale: 41.66 feet to 1 inch. Dec 1907.
- 126.3D Plan of Elm Road, Thatto Heath. Includes measurements of width of road at various points along its length. Scale: 41.66 feet to 1 inch. Jan 1910.
- 126.3E Plan of Elm Road (late Hall Lane). Shows alterations made in the vicinity of Greengate Brick Works. Scale: 41.66 feet to 1 inch. Oct 1909.

- 126.4 Plan of Leach Lane and Mill Lane. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Feb 1909.
- 126.5A Plan shows suggested improvements at the junction of Dentons Green Lane and Rivington Road. Scale: 20 feet to 1 inch. Jan 1905.
- 126.5B Plan shows suggested improvements at the junction of Dentons Green Lane and Rivington Road. Shows nos. 147-163 Dentons Green Lane and refers to Mr. T. Houlton and Mr. P. Bagley. Scale: 41.66 feet to 1 inch. Feb 1905.
- 126.15C Pencil sketch showing nos. 149-163 Dentons Green Lane. Scale: 1/500. Dec 1904.
- 126.6A Plan of proposed streets and passages for Messrs. Pilkington Brothers Limited in the Prescott Road area. Scale: 208.33 feet to 1 inch. No date.
- 126.6B Plan shows land belonging to Pilkington Brothers Limited off Sherdley Road. Includes house numbers and sewer serving houses. No date.
- 126.8A Plan of sewer under Emmett Street and Marshalls Cross Road. Scale: 41.66 feet to 1 inch. May 1903.
- 126.8B Plan of crossroads at junction of Ell Bess Lane, Marshalls Cross Road, Sutton Road and Peasley Cross Lane. Scale: 41.66 feet to 1 inch. No date.
- 126.8C Plan of Baxters Lane. Scale: 41.66 feet to 1 inch. May 1907.
- 126.8D Plan shows measurements of width at various points along Baxters Lane. Scale: 41.66 feet to 1 inch. May 1907.
- 126.9A Map shows junction of Sherdley Road and Dobsons Lane. Includes Ell Bess Vaults public house. Scale: 41.66 feet to 1 inch. Jul 1904.
- 126.9B Map shows junction of Sherdley Road and Dobsons Lane. Sep 1906.
- 126.10 Plan for proposed improvement of junction of Monastery Road and Robins Lane. Scale: 10 feet to 1 inch. Sep 1910.
- 126.11A Plan of improvement to Robins Lane. Shows tramway and house numbers. Scale: 41.66 feet to 1 inch. No date.
- 126.11B Plan of improvement to Robins Lane. Scale: 41.66 feet to 1 inch. Jul 1907.
- 126.11C Plan shows new footpath in Robins Lane. Scale: 41.66 feet to 1 inch. Jun 1915.
- 126.11D Plan of improvement to Robins Lane. Apr 1916.
- 126.11E Plan of improvement to Robins Lane. Scale: 41.66 feet to 1 inch. Jan 1913.

- 126.11F Plan shows junction of Robins Lane and Baxters Lane. Includes proposed side streets off Robins Lane. Scale: 41.66 feet to 1 inch. Sep 1908.
- 126.12A Plan of improvement to Bell Lane. Shows the improvement of drain and the creation of cesspools. Includes note of undertaking from Sutton Manor Collieries Limited. Scale: 41.66 feet to 1 inch. Oct 1909.
- 126.12B Plan of improvement to Bell Lane. Shows position of culverts. Scale: 41.66 feet to 1 inch. Oct 1909.
- 126.13A Plan of sewers at Canal Bank West for Messrs. Pilkington Brothers. Shows longitudinal and cross sections of manholes. Includes plan of canal feeder. Contract no. 1. Drawing no. 2. Scale: 4 feet to 1 inch. No date.
- 126.13B Plan of Ravenhead Road from Canal Bank West to Crossley Street. Shows 9 inch and 12 inch drains, manholes and railway diversions. Scale: 41.66 feet to 1 inch. May 1908.
- 126.13C Plan of unnamed factory (possibly Pilkington Brothers Crown Glass Works). Shows factory complex, railway tracks and existing 6 inch drain to be replaced by 9 inch or 12 inch drain. Scale: 41.66 feet to 1 inch. No date.
- 126.13E General plan of the Ravenhead area. Scale: 208.33 feet to 1 inch. Nov 1906.
- 126.13F Plan of Ravenhead Road, Ecclestone Branch Railway and Canal Bank West. Scale: 41.66 feet to 1 inch. Oct 1906.
- 126.13G Plan of Ravenhead Road. Show details of 18 inch, 9 inch and 12 inch drains and manholes. Includes railway, reservoirs and Factory Row. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated May 1908.
- 126.14A Longitudinal sections of Foundry Street showing underlying rock strata in different colours. Scale: horizontal 16 feet to 1 inch; vertical 1 foot to 1 inch. No date.
- 126.14B Colour key to longitudinal section of underlying rock strata in Foundry Street (126.14A). No date.
- 126.14C Map shows buildings along either side of Foundry Street. Scale: 41.66 feet to 1 inch. No date.
- 126.15A Proposed improvement to Nutgrove Road. Shows Govett Road. Scale: 41.66 feet to 1 inch. Drawn by Borough Engineer. St.Helens. No date.
- 126.15B Proposed improvement to Nutgrove Road. Shows Govett Road. Scale: 41.66 feet to 1 inch. Drawn by Borough Engineer. St.Helens. No date.
- 126.15C Improvements to Nutgrove Road. Includes dimensions. Scale: 20 feet to 1 inch. No date.

- 126.15D Plan shows improvements at junction of Heath Street and Nutgrove Road. Improvements are represented by a red line. Scale: 41.66 feet to 1 inch. Drawn by Borough Engineer. No date.
- 126.15E Proposed improvements to Nutgrove Road. Scale: 41.66 feet to 1 inch. Drawn by Borough Engineer, St.Helens. No date.
- 126.15F Plan shows improvements at junction of Nutgrove Road and Govett Road. Scale: 41.66 feet to 1 inch. Drawn by Borough Engineer, St.Helens. No date.
- 126.15G Map shows new footpath in Nutgrove Road. Scale: 41.66 feet to 1 inch. No date.
- 126.15H Map shows proposed improvements to Nutgrove Road. Scale: 41.66 feet to 1 inch. No date.
- 126.16 Plan shows sewer and manholes along Horace Street and Cambridge Road. Apr 1906.
- 126.18 Plan of Fry Street, Broad Oak. Shows 12 inch diameter pipe sewer and manholes. Cross section shows road surface and width of road. Scale: 41.66 feet to 1 inch. Apr 1906.
- 126.19 Plan of Dudley Street, Parr. Shows manholes and 9 inch sewer. Includes cross section of road surface. Scale: plan 41.66 feet to 1 inch; cross section 4 feet to 1 inch. Apr 1906.
- 126.2 Plan of junction of Carnegie Street and Ellamsbridge Road. Shows drains serving Carnegie Street. Scale: 41.66 feet to 1 inch. No date.
- 126.21 Plan of passage at rear of Nos. 6-39 Prescott Road. Shows sewer running under passage and Volunteer Drill Hall. Includes cross section. Scale: 4 feet to 1 inch. No date.
- 126.22 Plan and cross section show intended tarmacadamming at the junction of Bishop Road and Cowley Hill Lane. Scale: 41.66 feet to 1 inch. No date.
- 126.24 Plan of passage at rear of Leicester Street. Shows Nos. 1-21 and 2-24 Leicester Street and Nos. 1-7 Elephant Lane. Scale: 41.66 feet to 1 inch. No date.
- 126.25 Plan shows improvements that were to be made to drains in Springfield Road. Scale: 41.66 feet to 1 inch. No date.
- 126.29 Plan of land near Sprays Bridge, Boundary Road. Shows drains and sewers serving Peter Street, Boundary Road, Kirkland Street, Albion Street and Windle Brook. Longitudinal section of Albion Street shows 9 inch pipes. Sheet No. 5. Drawing No. 19. No date.



- 126.34a Diagrams for the temporary repair of passages rear of Nos. 8-90 Lugsmore Lane, between Nos. 24 and 30 Lugsmore Lane and rear of Ivydene and nos. 1-29 Grange Park Road. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- 126.34b Diagrams of passage at the rear of Lugsmore Lane. Scale: 4 feet to 1 inch. No date.
- 126.34c Diagrams show the temporary repair of passages between nos. 24 and 30 Lugsmore Lane and rear of Ivydene, Nos. 8-90 Lugsmore Lane and Nos. 1-29 Grange Park Road. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date. 2 copies.
- 126.34e Map shows suggested improvement to Lugsmore Lane. Scale: 41.66 feet to 1 inch. No date.
- 126.34f Untitled pencil sketch of Lugsmore Lane. No date.
- 126.34g Untitled pencil sketch of Lugsmore Lane. No date.
- 126.36a Plan shows land near Sutton Brook, from Ramford Street to Blackbrook Branch railway (London and North Western) that belonged to R.A. Gaskell Esquire. Scale: 2 chains to 1 inch. May 1889.
- 126.36b Plan of land in area of Sutton Bridge owned by R.A. Gaskell Esquire. Scale: 208.33 feet to 1 inch. Dec 1898.
- 126.36c Plan of Fleet Lane, Lawrence Street, Sadgrove Street and Hammond Street. Also shows land owned by R.A. Gaskell Esquire. Scale: 40 yards to 1 inch. Jun 1889.
- 126.38 Longitudinal section of land from Fleet Lane to the boundary of St.Helens borough. Scale: horizontal 41.66 feet to 1 inch; vertical to 1 inch. Dec 1906.
- 126.39A Detailed plan shows Fleet Lane water sewer and manholes. Contract no. 1516. Includes details of costing. 1922.
- 126.39B Map shows proposed improvement to Scholes Lane. Scale: 41.66 feet to 1 inch.
- 126.40 Plan of improvement to Knowsley Road and Holme Road. Scale: 41.66 feet to 1 inch.
- 126.42 Ordnance Survey map of St.Helens. Includes notes regarding footpaths and sewers. 19 Oct 1911.
- 126.43 Plan shows land leased to the Tramway Company in Parade Street in Dec 1898. Scale: 30 feet to 1 inch. No date.
- 126.44a Plan shows proposed improvement to the junction of Baldwin Street and College Street. Scale: 41.66 feet to 1 inch. Oct 1904.

- 126.44b Plan shows proposed improvement to the junction of Baldwin Street and College Street. Scale: 41.66 feet to 1 inch. Feb 1905.
- 126.46 Plan shows Park Road, Parr, and surrounding streets. Includes Regent Street and proposed recreation ground. Scale: 208.33 feet to 1 inch. No date.
- 126.49 Plan of Dorothy Street, Thatto Heath. Shows various measurements along roads. Scale: 41.66 feet to 1 inch. Mar 1909.
- 126.52 Map shows estate along Elephant Lane. Scale: 41.66 feet to 1 inch. Oct 1905.
- 126.53a Plan shows general improvement of Elm Road (late Hall Lane). Includes sewer, flagging, tar and cinders. House numbers are shown. Various scales. No date.
- 126.55a Plan of improvement to Kiln Lane. Scale: 41.66 feet to 1 inch. Jul 1917.
- 126.55b Plan of improvement to Kiln Lane. Scale: 1:500. No date.
- 126.55c Plan of improvement to Kiln Lane. Shows road widening proposals. Scale: 41.66 feet to 1 inch. Feb 1919.
- 126.55d Plan shows Kiln Lane before improvement. Scale: 41.66 feet to 1 inch. No date.
- 126.55e Windle's hundred. Bridge plan. Scale: 10 feet to 1 inch. Jun 1917.
- 126.56 Plan shows improvement of Fleet Lane from Chancery Lane and the existing and proposed line of sewer.
- 129.19 Plan of land in Sutton. Shows Sutton Moss, Sutton Rolling Mill, 2 reservoirs, Cecil Street, Weymouth Street, Frederick Street, Houghton Road, Sutton Moss and Sutton cottage, Watery Lane and Rolling Mill Lane. No scale. No date.
- 131.2a Proposed joint school clinic and tuberculosis dispensary in Claughton Street. Shows plan of existing ground and 1st floor bedrooms and plan of the parlours, kitchens, sculleries, yards and outdoor WCs of Nos. 16, 18 and 20 Claughton Street. Includes section and elevation. Drawn by Arthur W. Bradley, 27 Nov 1912. Scale: 8 feet to 1 inch.
- 131.2b Proposed joint school clinic and tuberculosis dispensary in Claughton Street. Ground floor plan shows waiting rooms, dressing rooms, consulting rooms, dark room and laboratory. First floor plan shows recovery room, operating room, dentist and x-ray room. Both plans show position of  $\frac{3}{4}$  inch main pipes and stop taps. Scale: 8 feet to 1 inch. Drawn by Arthur W. Bradley. No date.

- 131.2c Proposed alterations to school clinic and tuberculosis dispensary in Claughton Street. Scheme no. 1. Ground floor includes a venereal disease male's room, waiting room, examination room, nurses' room and office. The first floor has a venereal disease female's room and ophthalmic room. Scale: 8 feet to 1 inch. Drawn by the Medical Officer of Health, St.Helens, in Mar 1928.
- 131.2d Proposed alterations to school clinic and tuberculosis dispensary in Claughton Street. Scheme no. 2. Probable cost was £1000. Scale: 8 feet to 1 inch. Drawn by the Medical Officer of Health, St.Helens, in Mar 1928.
- 131.5a Town Hall. Assembly Hall. Section of roof trusses show the king post (6 inches x 6 inches) and struts (6 inches x 4 inches). Scale: ¼ full size. Drawn by Arthur W. Bradley. No date.
- 131.5b Town Hall. Assembly Hall. Section of roof trusses show the king post (6 inches x 6 inches) and struts (6 inches x 4 inches). Scale: ¼ full size. Drawn by Arthur W. Bradley. No date.
- 131.6 Pencil drawings of a shed-type building. Shown in plan, elevation and sections. Scale: ¾ inch to 1 foot. No date.
- 131.8a County Borough of St.Helens. Detail of ordinary manhole (up to and including 7 feet 0 inches deep) Shown in plan and sections. Scale: 2 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer in Jul 1912.
- 131.8b County Borough of St.Helens. Detail of ordinary manhole (up to and including 7 feet 0 inches deep) Shown in plan and sections. Scale: 2 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer in Jul 1912.
- 131.8c Detail of manhole (11 feet 0 inches deep to invert). Includes rough pencil sketches of elevations and sections. No scale. No date.
- 131.8d Pencil sketch on tracing paper of manhole (6 feet 0 inches deep). Includes 2 sections. No scale. No date.
- 131.8e Pencil sketch on tracing paper of manhole (5 feet 6 inches deep) Includes 2 sections. No scale. No date.
- 131.8f Pencil sketch on tracing paper of manhole (7 feet 0 inches deep). Includes 2 sections. No scale. No date.
- 131.8g Pencil sketch on tracing paper of manhole (5 feet 0 inches deep). Includes 2 sections. No scale. No date.
- 131.8h Pencil sketch on tracing paper of manhole (6 feet 6 inches deep). Includes 2 sections. No scale. No date.
- 131.8i Pencil sketch on tracing paper of manhole (5 feet 6 inches deep). Includes 2 sections. No scale. No date.

- 131.8j Pencil sketch on tracing paper of manhole (9 feet 6 inches deep). Includes 2 sections. No scale. No date.
- 131.8k Pencil sketch on tracing paper of manhole (8 feet 0 inches deep). Includes 2 sections. No scale. No date.
- 131.8l Pencil sketch on tracing paper of manhole (10 feet 0 inches deep). Includes 2 sections. No scale. No date.
- 131.8m Pencil sketch on tracing paper of manhole (10 feet 6 inches deep). Includes 2 sections. No scale. No date.
- 131.8n Pencil sketch on tracing paper of manhole (7 feet 3 inches deep). Includes 2 sections. No scale. No date.
- 131.8o Pencil sketch on tracing paper of manhole (9 feet 0 inches deep). Includes 2 sections. No scale. No date.
- 131.9a 2 plans of a building in Liverpool Road. No scale. No date.
- 131.9b 2 plans of a building in Liverpool Road. Scale: 8 feet to 1 inch. No date.
- 131.9c Very faint pencil sketches of dimensions of a building in Liverpool Road. No scale. No date.
- 131.9d Pencil sketches of ground floor and first floor of a building in Liverpool Road. No scale. No date.
- 131.9e Very faint pencil plan and elevation of a building in Liverpool Road. No scale. No date.
- 131.9f Plan and elevation of a building in Liverpool Road. Drawn in pencil on tracing paper. No scale. Dated 4 Feb 1863.
- 131.11 Plan shows small area of land with property. Scale: 20 feet to 1 inch. Plan also includes an elevation with measurements. No date.
- 131.12a Map shows a new road to be built from Rainford Road across Kiln Lane to join Knowsley Road. Also shows a new 21 inch diameter main sewer to be constructed from Rivington Aqueduct to Brown Edge reservoir. Includes tramways and Parr depot. Scale: 6 inches to 1 mile. Drawn by George Broom, Borough Engineer, in Mar 1912. Map is in poor condition.
- 131.12b County Borough of St.Helens. Tramways. Shows depots in Parr and Boundary Road. Shows routes within 1 mile of the depot (in red) and routes between 1 mile and 1½ miles from the depot (in green). Drawn by George Broom, Borough Engineer, in Mar 1910. Map is badly damaged.
- 131.13 Plan shows area within the municipal boundary of St.Helens. Includes Ravenhead, Pocket Nook, Peasley Cross, London and North Western Railway. Drawn by George Broom, Borough Engineer, in Mar 1910.

- 131.14a Longitudinal section of Sutton Heath Road from a fence to the junction of Sherdley Road and Elephant Lane. Scale: horizontal: 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated 10 Dec 1912.
- 131.14b Sections, elevations and details of the police station in Sutton Heath Road. No scale. No date.
- 131.14c Front elevation of the police station in Sutton Heath Road. No scale. No date.
- 131.14d Front elevation of the police station in Sutton Heath Road. No scale. No date.
- 131.16a Royal visit. Plan shows Town Hall, Corporation Street, Bickerstaffe Street, Cotham Street, Barrow Street, Cotham's Arms public house, statue, Gamble Institute, Wesleyan Chapel and pillar box at the corner of Hardshaw Street. No scale. Jul 1913.
- 131.16b Royal visit. Plan shows Corporation Street, Hardshaw Street, Cotham Street, Vincent Street, Barrow Street, Bickerstaffe Street, Victoria Square and Birchley Street. Includes Town Hall, Wesleyan Chapel, Gamble Institute and statue. Scale: 41.66 feet to 1 inch. Stamped by Borough Engineer and Surveyor, Town Hall, St.Helens. Jul 1913.
- 131.16c Plan of arrangement for Royal platform in Victoria Square. Jul 1921.
- 131.16d Royal visit. Plan of arrangement for Royal platform. Shows Mayoress and Mayor, H.R.H. suite and exit from Town Hall to Royal platform. Jul 1921. 4 copies.
- 131.17a General plan shows Dentons Green, Windle ward, Victoria Park, North Eccleston ward, Cowley Hill, South Windle ward, South Eccleston ward, Cowley Hill, and Queens recreation ground. Scale: 208.33 feet to 1 inch. 1903.
- 131.17b General plan shows Thatto Heath Park, Thatto Heath Station, library, Nutgrove Colliery, pumping station, reservoir, Railway Hotel and St. Austin's Roman Catholic Church. 1908
- 131.17c General plan shows Windle ward, Cowley Hill, Gerards Bridge, South Windle, Hardshaw, Central ward and North Eccleston ward. Includes St.Helens Plate Glass Works, Gerards Bridge Chemical Works and London and North Western Railway. Plan includes key. Re-surveyed in 1880. Revised in 1906.
- 131.17d General plan shows Central ward, North Eccleston ward, South Eccleston ward and West Sutton ward. Plan also shows St.Helens Sheet Glassworks, St.Helens Canal, Liverpool and St.Helens Colliery (disused), Ravenhead Sanitary Pipe and Brick Works and London and North Western Railway. Includes code and reference. Re-surveyed in 1881-1882. Revised in 1906.

- 131.17e Plan shows South Eccleston ward, North Eccleston ward, Big Dam (St.Helens Corporation Water Works), Eccleston Bottom Dam, Taylor Park, London and North Western Railway (Huyton and St.Helens branch), Ravenhead British Plate Glass Works and Greengate Brick and Tile Works. Scale: 208.33 feet. 1908.
- 131.17f General plan shows Moss Bank, Winstanley Wood, Birch Tree Farm, Clinkham Wood, Rivington Aqueduct, Fenney Bank Farm, London and North Western Railway (St.Helens line) and Moss Bank Station. Code and key are included. Re-surveyed in 1892. Revised in 1906.
- 131.18a Plan of the Cenotaph, London. Includes front elevation, side elevation and plan. Scale:  $\frac{3}{4}$  inch to 1 foot. No date. No signature.
- 131.18b Colour painting of the Cenotaph in Whitehall, London. No date.
- 131.19 Plan for construction of a new parish church in Church Street. Scale: 41.66 feet to 1 inch. Drawing no. 958. No date.
- 131.20 Plan of proposed extension of tramways in Station Road, Robins Lane and Junction Lane. Shows extension from Robins Lane to just past Orville Street. Plan also shows Peckers Hill Road, Wilbur Street and Helena Road. Includes flagging of Station Road from Peckers Hill Road to end of tramway extension. Scale: 41.66 feet to 1 inch. Dated 8 Apr 1914. Stamped by Borough Engineer and Surveyor.
- 131.21a Key map of passages paved since 1873. Plan shows North Windle, South Windle, Hardshaw, North Eccleston, South Eccleston and Central wards. Includes Plate Glass Company and St.Helens Sheet Glassworks. No date.
- 131.21b Plan shows paving of passages in East Sutton including Parr Moss and Sutton Moss. Includes Cottage Hospital, Sutton Glass Works, Sutton Mill Dam, London and North Western Railway (Liverpool and Manchester section), Sheeting Works and Sutton Mill Dam. Scale: 12.672 inches to a statute mile. Signed by George Broom, Borough Engineer, in Jun 1890.
- 131.21c General plan shows West Sutton ward including Sherdley Park, Thatto Heath, Sutton Leach, County Asylum, London and North Western Railway, Lea Green and St. Anne's Well, Sandstone Quarry and Hanging Bridge. Passages paved are marked by red and blue lines and numbered. No scale. No date.
- 131.21d Plan shows Parr Ward. Includes Blackbrook, Pocket Nook, Parr Stocks, Ashtons Green, London and North Western Railway (Broad Oak, Havannah and Haydock branches), Peasley Cross Station and St.Helens Canal. Passages paved are represented by red, blue and green lines and numbered. No scale. No date.
- 131.22a Longitudinal sections show proposed 18 inch and 24 inch sewers in Rivington Street, Dentons Green Lane and Lingholme Road. No scale. No date.

- 131.22b Longitudinal sections show fitting of 18 inch sewers in passages between Dentons Green Lane and Greenfield Road. No scale. No date.
- 131.22c Longitudinal sections show fitting of 12 inch sewers in Tennis Street and Carr Street. No scale. No date.
- 131.22d Longitudinal sections show fitting of 12 inch and 24 inch storm sewers in Windleshaw Road and Greenfield Road and fitting of 9 inch pipe in a passage. No scale. No date.
- 131.22e Longitudinal sections show fitting of 12 inch and 15 inch pipe sewers in Greenfield Road and Windleshaw Road. No scale. Dated Jan 1895.
- 131.22f Longitudinal sections of passages between Greenfield Road and Dentons Green Lane. No scale. No date.
- 131.22g Longitudinal sections show 12 inch and 15 inch storm sewers and 12 inch and 15 inch pipe sewers from Dentons Green Lane to Windleshaw Road, Hammill Street to Hard Lane and Bothwell's to large street grid. Scale: horizontal 41.66 feet; vertical 10 feet to 1 inch. No date.
- 131.22h Details of manhole and gully. Drawing no. 2. Scale: 4 feet to 1 inch and 1 foot to 1 inch. Drawn by George Broom. Contract no. 680. No date.
- 131.22i Longitudinal section shows fitting of 8 inch sewer in passage between Dentons Green Lane and Greenfield Road, from corner of Hammill Street to Rivington Street. Scale: horizontal 41.66 feet; vertical 10 feet to 1 inch. No date.
- 131.22j Pencil drawing on tracing paper (in poor condition) of a longitudinal section with manhole (not labelled). No scale. No date.
- 131.23 Plan shows 15 inch sewer in Park Road connecting to 12 inch sewer in Critchley Street, 4 foot 0 inch x 2 foot 8 inch sewer in Parr Mill Road and 12 inch sewers in Waine Street, Black Horse Street and Lathom Street. Includes Recreation Street, Prospect Road, Pilkington Street, Ball Street and 9 inch sewers in passages rear of Recreation Street and Waine Street. No date.
- 131.25 Footpath in Robins Lane from Baxters Lane to Monastery Road and London and North Western Railway. Footpath was to be flagged on both sides from Extension View to Lancots Lane and on one side only from Lancots Lane to London and North Western Railway. Scale: 41.66 feet to 1 inch. No date.
- 131.26 Half a map showing signposts. Covers Blackbrook, Peasley Cross and Clock Face. Scale: 6 inches to 1 mile. Drawn by George Broom, Borough Engineer in Jan 1903.
- 132.1 Plan shows Burtonhead Road from Canal Street to Sherdley Road. Includes Ravenhead Colliery, Ravenhead Sanitary Brick and Tile Works, the London and North Western Railway, Sutton Heath Road and Essex Street. Includes

longitudinal section. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.

- 132.1a Map shows Burtonhead Road and surrounding area. Includes Ravenhead Copper Works, St.Helens Collieries, St.Helens Canal, Greenbank Alkali Works, Phoenix Colliery, Boiler Works, Pottery, Saw Mills Albion Works, Carriage Manufactory, Brick Works, Sutton Lodge Chemical Works and Caldwell's Dam. Scale: 1:2500 or 208.33 feet to 1 inch. Ordnance Survey Office, Southampton, 1882.
- 132.1b Pencil drawn plan on tracing paper of Burtonhead Road. Property owners were Pilkington Brothers, Ravenhead Colliery, executors of the late James Grace, Ravenhead Sanitary Pipe and Brick Company, Ravenhead Tile and Brick Works, Phoenix Colliery, the Honourable Robert Gerard and Major Dicconson. No scale. No date.
- 132.1c Plan of Burtonhead Road from Canal Street to Sherdley Road. Includes Ravenhead Colliery, Ravenhead Sanitary Brick and Tile Works, the London and North Western Railway, Sutton Heath Road and Essex Street. Includes longitudinal section. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- 132.3a Proposed improvement near Borough boundary. Plan shows new wall (coloured pink) and filling (coloured green). Also shows concrete. Scale: 2 feet to 1 inch. Dated 31 Dec 1912. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor.
- 132.3b Proposed improvement near Borough boundary. Plan shows new wall (shaded pink), brick pipe and measurements. Scale: 2 feet to 1 inch. Dated 31 Dec 1912. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor.
- 132.3c Proposed improvement near Borough boundary. Plan shows boundary. No date.
- 132.3d Improvement to Blackbrook. Includes longitudinal section and plan. Scale: 4 feet to 1 inch; ½ inch to 1 foot. No date.
- 132.3e Proposed improvement near Borough boundary. Plan shows measurements and dimensions of boundary. No date.
- 132.3f Longitudinal section shows Borough boundary and new wall. No date.
- 132.3g Proposed improvement near Borough boundary. Plan shows Blackbrook Road, section of Borough boundary, St.Helens canal, channel, kerb, post and rail fence and wall. Shows fitting of 9 inch pipe sewer from manhole to brook. Scale: 41.66 feet to 1 inch. Includes cross section and section. Signed by Arthur W. Bradley, Borough Engineer and Surveyor. Dated 8 Sep 1912.
- 132.3h Proposed improvement to Blackbrook Road from Parr Mill to the Borough



boundary beyond St.Helens Canal. Road was to be widened from Grand Central Railway to Borough boundary to a width of 60 feet. Plan includes Park Road, Callon Avenue, the London and North Western Railway, Chain Lane and the bridge over the St.Helens Canal. Scale: 41.66 feet to 1 inch. Drawing no. 537. Dated Apr 1913. 4 copies.

- 132.4a Pencil plan of Clock Face Road. No scale. No date.
- 132.4b Plan of Clock Face Road from Leach Lane to the open waste land. Area consisted of 546 square yards. Scale: 30 feet to 1 inch. Drawn on 4 Aug 1905.
- 132.4c Improvement from Gartons Lane to No. 27 Clock Face Road. Includes London and North Western Railway, Clock Face Station and the Clock Face Hotel. Scale: 41.66 feet to 1 inch. Dated 28 Aug 1913.
- 132.4d Plan of Clock Face Road from Leach Lane to manhole and land owned by the Sherdley estate. Includes open waste land. Scale: 30 feet to 1 inch. No date.
- 132.4e Plan of Clock Face Road. Includes Railway Bridge, Borough boundary, old building line, building line of shops, proposed fence, new houses and shops, stable and Clock Face Hotel. No scale. No date. Drawn by J.A. Baron, St.Helens.
- 132.5a Plan of Clock Face Road from the London and North Western Railway (Liverpool and Manchester line). Shows Chester Lane, Dam House Bridge, Dam House and Four Acre Lane. Includes longitudinal section. No scale. No date.
- 132.5b Plan of a building to be built on the corner of Clock Face Road and Four Acre Lane. Scale: 41.66 feet to 1 inch. Dated 5 Aug 1914.
- 132.5c Plan of Clock Face Road from Marshalls Cross Bridge to Four Acre Lane. Shows London and North Western Railway (Liverpool to Manchester line), Bull and Dog public house, Chester Lane, Marshalls Cross pottery, Dam House Bridge and Dam House. Includes line of sewer. No date.
- 132.6a Plan shows Warrington New Road, Nags Head public house, Canal bank and existing offices. Scale: 8 feet to 1 inch. Drawing no 705. Dated 14 Oct 1914.
- 132.6b Plan shows Church Street and Nags Head Inn. Scale: 20 feet to 1 inch. No date.
- 132.7a Blueprint plan shows fitting of electrical cables in Eccleston Street, Raglan Street, Lyon Street, Havelock Street, Lawrenson Street and the power station. A second plan shows Liverpool Road, Liverpool Street, Borough Road and Eccleston Street in continuation of the first plan. A third plan is a continuation of Liverpool Street. Scale: 1 inch to 25 feet. Drawn by E.M. Hollingsworth, Engineer, on 1 Mar 1912.

- 132.7b Blueprint with 4 plans. Includes Canal Street, Burtonhead Road, Ravenhead Sanitary Pipe and Brick Works, Ravenhead Colliery, and Sherdley Road (including sub-station). Section of trench shows cables. Scale: 1 inch to 25 feet. Drawn by E.M. Hollingsworth, Engineer, on 6 Mar 1912.
- 132.7c Blueprint with 5 plans. Includes Sherdley Road, Marshalls Cross Road, Peasley Cross Road, Sutton Road, Ramford Street, Gower Street and Bentinck Street. Shows the Griffin Inn. Trench for cable is shown as a red line. Scale: 25 feet to 1 inch. No date.
- 132.7d Blueprint with 3 plans. Includes Sutton Road, Brown Street, Watery Lane, Worsley Brow, Ellamsbridge Road, Edgeworth Street, Taylor Street, Carnegie Street, Peckers Hill Road, Alice Street, Red Rat Inn, All Saints Church and the library. Trench for cable is shown as a red line. Scale: 25 feet to 1 inch. Drawn by E.M. Hollingsworth, Engineer, on 8 Mar 1912.
- 132.7e Blueprint with 2 plans. Includes Peckers Hill Road, Hoghton Road, Cecil Street, Watery Lane, Rolling Mill Lane and Sutton Rolling Mills. Trench for cable is shown as a red line. Scale: 25 feet to 1 inch. Drawn by E.M. Hollingsworth, Engineer, in Mar 1912.
- 132.7f Blueprint with 3 plans. Includes Station Road, Junction Lane, Helena Road, Leonard Street, Providence Foundry, St.Helens Junction Station, Normans Road, Bold Road, Reginald Road, Safety Fuse Works, substation and the Magnum Steel Works. Includes a section through trench showing cables. Scale: 25 feet to 1 inch. Drawn by E.M. Hollingsworth, Engineer, in Mar 1912.
- 132.8 Sections show Station Road, Junction Lane, Helena Road, Leonard Street, Reginald Road, Bold Road and Normans Road. Includes section of trench showing cables. Scale: 2 inches to 1 foot. Signed by E.M. Hollingsworth, Engineer, on 16 Mar 1912.
- 132.9a Plan shows the repaving of North Road from Duke Street to Cooper Street. Includes Volunteer Street, Ward Street and Mill Street. Scale: 4 feet to 1 inch. Dated 19 Aug 1908.
- 132.9b Cross sections of North Road. Includes Duke Street and Mill Street. Scale: 4 feet to 1 inch. No date.
- 132.10 Plan shows fitting of sewer in Park Road from Higher Parr Street to Prospect Road and Latham Street. Includes Ashton Street, Bolton Street, Marsh Street, Park Street, Pocket Nook Street, Williamson Street, Johnson Street, Merton Bank Road, Ross Street, Spungeon Street, Waive Street, Critchley Street and Black Horse Street. Buildings include Park Road Inn, Grey Horse Inn, Parr Vaults, York Hotel, Black Horse Inn, Half Mile Inn and 3 chapels. Scale: 41.66 feet to 1 inch. Dated Feb 1914.
- 132.11a Longitudinal section of Sutton Heath Road from the corner of Eltonhead Road to the junction of Sherdley Road and Elephant Lane. Shows the bed

of the ditch, level of road in 1891, existing pipe sewer and 12 inch pipe sewer to be fitted. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.

- 132.11b Plan of Sutton Heath Road. Shows slag from mining operations. Includes Lowfield Lane, Eltonhead Road, Old Shaft, Elephant Lane and Sherdley Road. Includes longitudinal section. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated 23 Jan 1909.
- 132.11c Tracing from Sherdley Estate Office of levels of ditch in Sutton Heath Road. Includes longitudinal section showing Sherdley Road. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated 1 Oct 1909.
- 132.11d Plan of part of Sutton Heath Road. Shows slag from mining operations (coloured blue). Includes Sherdley Road/Elephant Lane, Sutton Heath Collieries, Eltonhead Road and the Boar's Head Inn. Scale: 208.33 feet to 1 inch. Drawing no. 134. Dated 28 Oct 1908.
- 132.12a Plan of Sutton Road from Peasley Cross Station to Baxters Lane. Includes Langtree Street, Gaskell Street, Gower Street and Bentinck Street. No scale. No date.
- 132.12b Plan of improvement to Sutton Road. Includes Gaskell Street and several sections. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawing no. 1. No date.
- 132.12c Plan of improvement to Sutton Road. Drawing no. 2. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- 132.12d Plan of improvement to Sutton Road. Includes Gaskell Street and Peasley View. Includes several sections. Scale: 41.66 feet to 1 inch. No date.
- 132.12e Paving and flagging of approaches to bridge no. 4 of Broad Oak Branch, Sutton Road. Includes Bentinck Street, London and North Western Railway, Baxters Lane and Webb Street. Scale: 41.66 feet to 1 inch. Drawn by George Broom on 13 Mar 1907.
- 132.12f Plan of Sutton Road. Areas coloured red were to be repaired by St. Helens Corporation; areas coloured blue were to be repaired by London and North Western Railway Company. Includes Middlehurst's Brickworks, engine shed, Swallow's Works and the London and North Western Railway. Scale: 41.66 feet to 1 inch. Dated 18 Mar 1908.
- 132.12g Longitudinal section shows Ellamsbridge Road and Peckers Hill Road from manhole and overflow chamber to railway fence. Shows existing 15 inch diameter pipe sewer running the whole way. Section also shows manholes opposite Edgeworth Street, Goodban Street, Herbert Street, Fisher Street, Junction Lane, Powell Street, junction of Robins Lane and Station Road and opposite Smith Street. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated 29 Nov 1912.

- 132.12h General plan shows Ellamsbridge Road, Robins Lane, Station Road, Lancots Lane, Watery Lane, Hoghton Road, Reginald Road, Junction Lane, Peckers Hill Road and Leach Lane. Scale: 208.33 feet to 1 inch. No date. Conserved and hanged.
- 132.13 Longitudinal section shows Reginald Road from junction of Leach Lane and Mill Lane to corner of Helena Road. Second longitudinal section shows Robins Lane, Station Road and Helena Road from Edgeworth Street to opposite Normans Lane. Section shows a 15 inch diameter sewer running along Helena Road. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Stamped by Borough Engineer and Surveyor. Dated 15 Nov 1912.
- 132.14 Baxters Lane. Electricity cable over rail bridge. Plan shows Ditch Barn Bridge, electricity cable, St.Helens line and engine shed. Scale: 1 inch to 1 foot. Drawn by B.T. Hawkins, Engineer, on 14 Feb 1919.
- 132.15 Plan of Ardwick Street, Atlas Street and Graham Street. Shows improvements to be made to sewerage. Includes longitudinal section. Scale: 20 feet to 1 inch. No date.
- 132.16 Longitudinal section shows improvement to Bishop Road running opposite centre island to between rails in City Road. Floor level of new houses is represented by a pink line. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer.
- 132.18 Plans relating to Ormskirk Street improvement. No date.
- 133.1a Tracing of Eltonhead Road. No date.
- 133.1b Tracing of Eltonhead Road possibly showing road improvements. No date.
- 133.1c Tracing of various buildings in Eltonhead Road. No date.
- 133.1d Tracing of part of Eltonhead Road. Shows a number of calculations. No date.
- 133.1e Sections of Eltonhead Road opposite Nutgrove Farm. No scale. May 1907.
- 133.1f Plan of Eltonhead Road showing possible road widening and various buildings. Scale: 1: 500. Mar 1912.
- 133.2a Survey of Jubits Lane and Gartons Lane for suggested improvements. Also shows boundary line between County Borough of St.Helens and Whiston Rural District. Scale: 41.66 feet to 1 inch. Oct 1903.
- 133.2b Survey of Jubits Lane and Gartons Lane for suggested improvements. Shows area in square yards to be used for improvements. Also shows boundary line between County Borough of St.Helens and Whiston Rural District. Scale: 41.66 feet to 1 inch. Oct 1903.
- 133.2c Tracing of Gartons Lane. Aug 1912.

- 133.2d Proposed improvement to Gartons Lane from Jubits Lane to Clock Face Road. Road was to be widened and a sewer was to be fitted from Clock Face Road to run parallel with Gartons Lane. Manholes were to be fitted. Scale: 41.66 feet to 1 inch. Dated Aug 1912.
- 133.3a Longitudinal section of Gartons Lane from junction with Jubits Lane to Clock Face Road. Scale: 41.66 feet to 1 inch. Aug 1912.
- 133.3b Plan of Gartons Lane, possibly showing road improvements. No date.
- 133.3c Untitled plan of a road showing buildings and possibly a railway line. No date.
- 133.3d Untitled plan of a road, possibly showing road improvements. No date.
- 133.3e Untitled plan of a road, possibly showing road improvements. Various buildings are also shown. References are made to Agnes Street and Lever Street. No date.
- 133.5 Plan of part of Derbyshire Hill Road. Shows sewer and manholes serving the road and the house. Scale: 41.66 feet to 1 inch. No date.
- 133.9a Floor plan of St.Helens Market showing layout and numbering of stalls. Scale: 8 feet to 1 inch. Jun 1912.
- 133.9b Floor plan of St.Helens Market showing layout and numbering of stalls. Includes reference to single brick sewer running under hall. Scale: 8 feet to 1 inch. Jun 1912.
- 133.14 Derbyshire Hill intercepting sewer. Plan of details of junction with manhole no. 22. Contract no. 1282. Drawing no. 2. Scale: 4 feet to 1 inch. Nov 1910.
- 133.15a-b Plan of proposed public urinal in the Prince of Wales Hotel, Brook Street. 1926. Scale: 4 feet to 1 inch. Damaged. 2 copies.
- 133.17a Blueprint design for tramway shelter in plan, elevation and section. Scale: 1 foot to ½ inch. No date.
- 133.17b Blueprint design for tramway shelter no. 52. Shown in general view and ground plan. No date.
- 133.17c Blueprint design for tramway shelter no. 55. Shows floor plan and roof plan. Scale: 1 foot to ¾ inches. No date.
- 133.17d Blueprint design for tramway shelter no. 55. Shows floor plan roof plan and vertical section. Scale: 1 foot to ¾ inches. No date.
- 133.17e Blueprint design for tramway shelter no. 56. Shows front and end elevation. Gives dimensions of structure. Scale: 1 foot to ½ inch. No date.

- 133.17f Blueprint design for tramway shelter. Gives dimensions and details of intermediate and end trusses. No date.
- 133.17g Blueprint design for tramway shelter. Shows elevation and section. Includes diagram of barrier rails. Scale: 1 foot to  $\frac{3}{4}$  inch. May 1923.
- 133.17h Blueprint design for tramway shelter. Includes front end and plan view showing dimensions. Drawing no. 3743. No date.
- 133.17i Design for tramway shelter in plan, elevation and cross section. Scale: 1 foot to  $\frac{1}{2}$  inch. No date.
- 133.17j Blueprint design for tramway shelter in plan, elevation and cross section. Scale: 1 foot to  $\frac{1}{2}$  inch. Mar 1925.
- 133.17k Design for tramway shelter in plan, front elevation and cross section. Drawing no. 5a/204. Scale: 1 foot to  $\frac{1}{2}$  inch. No date.
- 133.17l Design for tramway shelter no. 56. Shown in plan, front elevation and cross section. Gives dimensions and shows foundations. Scale: 1 foot to  $\frac{1}{2}$  inch. No date.
- 133.17m Advertising poster from the Lion Foundry Company Limited, Kirkintilloch, near Glasgow. Shows Public Shelter no. 39. Gives dimensions of shelter. No date.
- 133.18a Detailed plan shows junction of Monastery Road and Monastery Lane and Woodstock Street. Also shows Golden Cross Inn. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- 133.18b Plan of Railway Terrace off Monastery Lane. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- 133.18c Blueprint plan of London, Midland and Scottish Railway. Plan for conversion of privies into water closets. Shows Railway Terrace, Monastery Lane and Woodstock Street. Includes existing drainage and 4 inch diameter drains. Scale: 41.66 feet to 1 inch. No date.
- 148.1 Proposed ladies' and gentlemen's conveniences under the Market Hall and Market Inspector's office. Block plan of the area near Bridge Street shows Naylor Street North, Market Square, Naylor Street South, Exchange Street and Tontine Street. Scale: 41.66 feet to 1 inch. Jun 1908.
- 148.27 Proposed water closet in Thatto Heath Park. Includes elevation, plan and section. Also includes block plan of park near footbridge showing position of water closets. Contract no. 1197. Apr 1908.
- 148.32 Plan for combination motor lorry weighbridge - capacity 20 tons. Shows alterations to pedestals. Includes attached notes from Hodgson and Stead Limited, Egerton Iron Works, Salford. Tracings nos. 783/08 and 614/08. Dec 1908.

- 149.1 Plan of new stable and cottages in Boundary Road. Shows ground plan, loft plan and drains serving building linking up to a 24 inch pipe sewer. Also shows ground plan and chamber plan of cottages. Contract no. 605. Drawing no. 1. Scale: 8 feet to 1 inch. No date.
- 149.3 Plan of new stable and cottages in Boundary Road. Details of stable, windows and stall divisions. Shows cross section, part ground plan and elevation to stable window. Section through stable is shown at  $\frac{1}{4}$  of full size. Contract no. 605. Drawing no. 4. Scale: 1 foot to 1 inch. No date.
- 149.4 Plan of new stable and cottages in Boundary Road. Shown in front elevation and section. Contract no. 605. Drawing no. 5. Scale: 1 foot to 1 inch. No date.
- 149.5 Plans for fencing in Boundary Road. Shows dimensions of fence with details of type of joints to be used and includes notes regarding construction and materials. Contract no. 862. Scale: 1 foot to 1 inch. No date.
- 149.6 Four cottages at Boundary Road depot. Includes ground plan, chamber plan, elevation and cross section. Dimensions of cottage rooms are displayed on ground and chamber plans. Contract no. 650. Scale: 8 feet to 1 inch. Jun 1893.
- 149.7 Plan shows retaining wall at Boundary Road depot. Includes alterations to railway siding. Contract no. 963. Drawing no. 1. Scale: section 4 feet to 1 inch; general plan 41.66 feet to 1 inch. Jul 1902.
- 149.8 Plans of Boundary Road depot. Shows retaining wall and alterations to railway sidings. Contract no. 963. Drawing no. 3. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Jul 1902.
- 149.9 Plans of Boundary Road depot. Shows retaining wall, alterations to railway sidings and level of rails. Contract no. 963. Drawing no. 2. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Jul 1902.
- 149.10a Plans for Boundary Road depot. Shows alterations to railway siding in area of Maxwell Street and Cotton Street. Includes Mellings Mill, electricity works, offices and St.Helens Co-operative Society. Scale: 41.66 feet to 1 inch. Jun 1906.
- 149.10b Plans for Boundary Road depot. Shows alterations to railway siding in area of Maxwell Street and Cotton Street. Scale: 41.66 feet to 1 inch. Jul 1906.
- 149.10c Plans for Boundary Road depot. Shows alterations to railway siding in area of Maxwell Street and Cotton Street. Scale: 41.66 feet to 1 inch. Jul 1906.
- 149.10d Plans for Boundary Road depot. Shows alterations to railway siding in area of Maxwell Street and Cotton Street. Scale: 41.66 feet to 1 inch. Apr 1907.
- 149.12 Plan of St.Helens Stained Glass Works and surrounding land including rail-

way sidings and surrounding streets (including Lawrenson Street and Eccleston Street). Scale: 41.66 feet to 1 inch. Copied from deed dated 14 Jan 1908.

- 149.14 Alterations to railway sidings near Boundary Road depot. Sidings led off towards St.Helens Stained Glass Works. Scale: 41.66 feet to 1 inch. No date.
- 149.15 Plan of Eccleston Branch Railway showing proposed sidings and retaining wall to be built on land near Maxwell Street and Cotton Street (area west of town centre). Scale: 41.66 feet to 1 inch. Jan 1901.
- 149.16 Alterations to railway sidings near Boundary Road depot. Shows existing sidings that were to be taken up and existing rails that were to be slewn into position. Also shows proposed extension to boiler house at the Electricity Works. Contract no. 1261. Scale: 8 feet to 1 inch. Mar 1910.
- 149.17 Plans for fire engine house in Foundry Street. Shows building to be erected on land belonging to the St.Helens Improvement Commissioners. Plan also shows north and north west elevations. Aug 1858.
- 149.18 Plan of proposed shed for steam roller house showing side and end elevation. Includes cross section, long sections and dimensions of shed. Scale: 4 feet to 1 inch. No date.
- 149.19 Plan of new depot at junction of Foundry Street and Salisbury Street. Shows yard, office of steam roller house, Masons' sheds and entrance gates. Contract no. 513. Drawing no. 1. Scale: 4 feet to 1 inch. Nov 1889.
- 149.20 New depot in Salisbury Street. Shown in elevation as seen from Salisbury Street and Foundry Street. Contract no. 513. Drawing no. 2. Scale: 8 feet to 1 inch. Nov 1889.
- 149.21a Manure depot in Parr. General plan of grounds shows location near Sutton Brook. Shows tank and shed with 6 inch and 12 inch pipes leading from depot to main sewer. Contract no. 499. Drawing no. 3. Scale: 41.66 feet to 1 inch. May 1889.
- 149.21b Manure depot in Parr. General plan of grounds shows location near Sutton Brook. Shows tank and shed with 6 inch and 12 inch pipes leading from depot to main sewer. Contract no. 499. Scale: 41.66 feet to 1 inch. Jan 1889.
- 149.22 Plans for manure depot in Parr. Shows details of tank, joints, rust joints and supporting girders for tanks. Contract no. 499. Drawing no. 2. May 1889.
- 149.23 Plans for manure depot in Parr. Shows details of shed and tank. Includes details in plan, long section, traverse section and south and east elevations. Contract no. 499. Drawing no. 1. Scale: 8 feet to 1 inch. May 1889.
- 149.24 Mill and elevator for Parr depot. Shows wagon, tank and elevator. Scale: ½ inch. No date.



- 149.26 Plan view shows proposed sheds in Parr depot in relation to buildings and tanks already present. Scale: 41.66 feet to 1 inch. Jun 1890.
- 149.27 Proposed tram shed in Parr depot near Hammond Street. Shown in plan, longitudinal section, cross section and elevation. Dimensions of shed are included as well as specifications for labour, materials and construction. Scale: 4 feet to 1 inch. Jul 1890.
- 149.28 Proposed shed and destructor for Parr Depot. Shown in plan, cross section and longitudinal section. Scale: 4 feet to 1 inch and 8 feet to 1 inch. Nov 1896.
- 149.29 Plan of land near Sutton Brook (junction of Jackson Street and Gaskell Street). Also shows Parr Alkali Works. Scale: 41.66 feet to 1 inch. No date.
- 149.30 Health Committee. Proposed reconstruction of stables at Peasley Cross. Shown in ground and first floor plan, elevation and cross section. Includes a specification of dimensions, materials and construction. Scale: 4 feet to 1 inch. Apr 1880.
- 149.31 Health Committee. Plans for proposed additional stables at Peasley Cross. Also shows drying room and cottages. Scale: 8 feet to 1 inch. Apr 1877.
- 149.32 General Health Committee. Additional stables at Peasley Cross. Shows ground plan, elevation and cross section. Includes dimensions. Scale: 4 feet to 1 inch. May 1877.
- 149.33 Plans show disinfecting apparatus at Peasley Cross stables and yard at Peasley Vale. Scale: 4 feet to 1 inch. No date.
- 149.34 Plan for proposed shed in Boundary Road depot. Shown in plan, section and block plan. Scale: general: 8 feet to 1 inch; block plan: 1:500. Feb 1912.
- 149.35 Plan for proposed smith in Foundry Street. Shows yard and interior. Contract no. 1169. Scale: 4 feet to 1 inch. Mar 1907.
- 149.36 Proposed lime house destructor works. Shown in plan, section and elevation. Contract no. 1167. Jan 1907.
- 149.37 Plan of sidings from Boundary Road. Shows proposed alterations, Melling Mill and St.Helens Co-operative Society buildings. Scale: 20 feet to 1 inch. Jun 1903.
- 149.38a Proposed extension to electricity depot and alteration to railway sidings at Boundary Road depot. Scale: 41.66 feet to 1 inch. Nov 1900.
- 149.38b Proposed retaining wall and alterations to railway sidings at Boundary Road depot. Scale: 41.66 feet to 1 inch. Apr 1903.
- 149.38c-d Plans of Boundary Road. Shows proposed alterations to railway sidings and erection of a retaining wall. Scale: 41.66 feet to 1 inch. Jun 1903. 2 copies.

- 151.5h Flooring plan of cubicle block at Peasley Cross Isolation Hospital by Bison Floors, Concrete Limited, Stourton, Leeds. Includes basement plan and sections. Estimate no. 35339. Contract no 2193. Dated 11 Mar 1936.
- 151.5i Proposed cubicle block for Peasley Cross Isolation Hospital. Includes plan of ground floor and basement, north west elevation, south east elevation and sections. Scale: 8 feet to 1 inch. Plan no. 4601. Drawn by A.P. Statham, Borough Engineer in Feb 1935.
- 151.5j Site plan of Peasley Cross Sanatorium. Shows wards 1-6, discharging block, administrative block, laundry, mortuary and ambulance shed. Scale: 1 inch to 40 feet. Drawing no. 8292.
- 151.5k Peasley Cross Sanatorium. Ward no. 5. Alterations are shown on pieces of tracing paper stuck over the original plan. A heating chamber and WC was to be built. Scale: 8 feet to 1 inch. Drawing no. 8292.
- 151.5l Peasley Cross Sanatorium. Ward no. 5. Plan shows 2 main wards, separation ward, verandah and 2 bathrooms. Includes a sectional view. Scale: 8 feet to 1 inch. Drawing no. 8292. No date.
- 151.5m Peasley Cross Sanatorium. Ward no. 4. Alterations are shown on pieces of tracing paper stuck over the original plan. A heating chamber was to be added. Scale: 8 feet to 1 inch. Drawing no. 8293. No date
- 151.5n Peasley Cross Sanatorium. Ward no. 4. Plan shows 2 main wards, separation ward, verandah and 2 bathrooms. Includes a sectional view. Scale: 8 feet to 1 inch. Drawing no. 8293. No date.
- 151.5o Peasley Cross Sanatorium. Sketch plan of proposed alterations to ward no. 5. Shows the WCs, soiled linen and the heating chamber joining onto the nurses' duty room. Scale: 8 feet to 1 inch. Drawing no. 8308. No date.
- 151.5p Peasley Cross Sanatorium. Sketch plan of proposed alterations to ward no. 4. Shows bathrooms and soiled linen rooms that were to be added at either end. Includes the heating chamber and WCs that were to be built in the middle onto the kitchen. Scale: 8 feet to 1 inch. Drawing no. 8311. No date.
- 151.5q Peasley Cross Sanatorium. Proposed air raid precautions. Ward no. 3. Floor plan only. Shows sandbagging all the way around the building. Scale: 8 feet to 1 inch. Drawing no. 6754. Drawn by A.P. Statham, Borough Engineer. No date.
- 151.5r Peasley Cross Sanatorium. Proposed air raid precautions. Ward no. 3. Shows sandbagging previously approved. Scale: 8 feet to 1 inch. Drawing no. 7318. Drawn by A.P. Statham, Borough Engineer. 2 copies.
- 151.5s Peasley Cross Sanatorium. Proposed air raid precautions. Ward no. 4. Shows sandbagging previously approved. Includes sectional view. Scale: 8 feet to 1 inch. Drawing no. 7430. Drawn by A.P. Statham, Borough Engineer.

eer. No date.

- 151.5t Peasley Cross Sanatorium. Proposed air raid precautions. Ward no. 4. Shows sandbagging previously approved and new ones positioned against windows. Includes sectional view. Scale: 8 feet to 1 inch. Drawing no. 7430. Drawn by A.P. Statham, Borough Engineer. Sep 1939.
- 151.5u Peasley Cross Sanatorium. Proposed air raid precautions. Ward no. 5. Shows sandbagging previously approved and new ones positioned against windows. Includes sectional view. Scale: 8 feet to 1 inch. Drawing no. 7431. Drawn by A.P. Statham, Borough Engineer. Sep 1939.
- 151.5v Peasley Cross Sanatorium. Proposed air raid precautions. Ward no. 5. Shows sandbagging previously approved and new ones positioned against windows. Includes sectional view. Scale: 8 feet to 1 inch. Drawing no. 7431. Drawn by A.P. Statham, Borough Engineer. Sep 1939.
- 151.6 Eccleston Hall Tuberculosis Hospital. Sewerage and drainage. Shows sections and plan of hospital wards, kitchen, scullery, stores and sitting room. Shows manholes and 4 inch, 6 inch and 9 inch sewers to be fitted. Scale: 8 feet to 1 inch. Contract no. 1327. Drawing no. 1. Drawn by Arthur W. Bradley in 1913.
- 151.7 Eccleston Hall Tuberculosis Hospital. Sewerage and drainage. Shows sections and plan of hospital wards, kitchen, scullery, stores and sitting room. Shows manholes and 4 inch, 6 inch and 9 inch sewers that were to be fitted. Scale: 8 feet to 1 inch. Contract no. 1327. Drawing no. 2. Drawn by Arthur W. Bradley in 1913.
- 151.9 Eccleston Hall Tuberculosis Hospital. Includes ground plan showing hall, sitting room, nurses' dining room, doctors' dining room and sitting rooms. Shows 4 inch, 6 inch and 9 inch pipe sewers, 4 inch soil pipe and 2 inch waste pipe. Also includes basement plans and a floor plan. Drawn by Borough Engineer and Surveyor, St.Helens. Scale: 8 feet to 1 inch. No date.
- 151.10 Eccleston Hall Tuberculosis Hospital. Shows 4 inch, 6 inch and 9 inch pipe sewers to be fitted. Scale: 8 feet to 1 inch. Contract no. 1327. Drawing no. 1. Drawn by Arthur W. Bradley. No date.
- 151.11 Eccleston Hall Tuberculosis Hospital. Floor plan shows wards, bathroom, sitting room, kitchen, stores, scullery and sections. Shows 4 inch, 6 inch and 9 inch pipe sewers and line of roof. Contract no. 1327. Drawing no. 2. Drawn by Arthur W. Bradley. No date.
- 151.12 Eccleston Hall Tuberculosis Hospital. Foundation plan. Shows wards, double bedrooms, heating chamber, single rooms, dining rooms and recreation rooms. Scale: 8 feet to 1 inch. Contract no. 1327. Drawing no. 1. Drawn by Arthur W. Bradley. Dated 18 Jul 1913.
- 151.16 Eccleston Hall sanatorium. Includes front elevation, cross sections, ground plan and elevation of door and windows to double-bedded room. Scale: 8

feet to 1 inch. No date.

- 151.17 Eccleston Hall sanatorium. Includes front elevation, cross sections, ground plan and elevation of door and windows to double-bedded room. Scale: 8 feet to 1 inch. No date.
- 151.18 Proposed sanatorium in Eccleston Hall. Shows ground floor and first floor plans and basement plan of staff quarters. Contract no. 1326. Scale: 8 feet to 1 inch. Feb 1913.
- 151.19 Tuberculosis hospital at Eccleston Hall. Application to the Local Government Board for sanction to borrow the sum of £7900. Includes sections. Plan of hospital shows wards, double bedrooms, single bedrooms, dining and recreation rooms, kitchen, scullery, baths and patients' clothes store. Includes fitting of 4 inch, 6 inch and 9 inch sewers. Scale: 8 feet to 1 inch. Drawing No. 1. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor, on 13 Mar 1913.
- 151.20 Tuberculosis hospital at Eccleston Hall. Application to the Local Government Board for sanction to borrow the sum of £7900. Includes sections. Plan shows wards, patients' clothes store, dressing room, bath, kitchen, pantry, stores and duty room. Includes fitting of 4 inch, 6 inch and 9 inch pipes. Scale: 8 feet to 1 inch. Drawing No. 2. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor, on 13 Mar 1913.
- 151.21 Tuberculosis hospital at Eccleston Hall. Plan shows 9 inch stoneware pipes from Church Lane to Eccleston Hall, 6 inch pipes, manholes and proposed pavilions. Also shows Borough boundary along Holme Road. Scale: 208.33 feet to 1 inch. Apr 1913.
- 151.22 Tuberculosis hospital at Eccleston Hall. Application to the Local Government Board for sanction to borrow the sum of £7900. Section shows sewer running from Church Street to Eccleston Hall. 2nd section shows road at the front of the hospital. Scale: horizontal 100 feet to 1 inch; vertical 10 feet to 1 inch. Drawing No. 4. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor, in 1913.
- 151.24 Tuberculosis hospital at Eccleston Hall. Application to the Local Government Board for sanction to borrow the sum of £7900. Shows proposed site of the County Lunatic Asylum, Ravenhead, Borough Sanatorium, London and North Western Railway (Huyton and St. Helens branch), Great Central Railway, Victoria Park, Queens Recreation Ground, hospital and Chemical Works. Scale: 6 inches to 1 statute mile.
- 151.25 Sanatorium in Eccleston Hall. Also includes plan views of large and small pavilions. No date. Drawing No. 6. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor, on 19 Jul 1913.
- 151.26 Tuberculosis hospital at Eccleston Hall. Water supply to pavilions. Includes sections. Ground plan shows wards, bathroom, lavatory, double bedrooms, single bedrooms, stores, kitchen, pantry, scullery and dining and recreation

room. Shows 1 inch diameter lead water pipe,  $\frac{3}{4}$  inch diameter pipes and stop taps. Scale: 8 feet to 1 inch. Contract no. 1327. Drawing No. 1. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor, on 19 Jul 1913.

- 151.27 Tuberculosis hospital at Eccleston Hall. Water supply to pavilions. Ground plan shows wards, lavatories, kitchen, scullery, stores and sitting room. Shows 1 inch diameter lead water pipe,  $\frac{3}{4}$  inch diameter pipes and stop taps. Includes 4 inch, 6 inch and 9 inch sewer pipes and manholes. Scale: 8 feet to 1 inch. Contract no. 1327. Drawing No. 2. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor, on 19 Jul 1913.
- 151.28 Tuberculosis hospital at Eccleston Hall. Water supply to pavilion. Map of area from Church Lane to Dunriding Lane. Shows manholes, 9 inch stoneware pipe leading to the hospital, 6 inch stoneware pipes and 1 inch lead water pipes between buildings. Includes existing 3 inch and 6 inch water pipes. Scale: 208.33 feet to 1 inch. Jul 1913.
- 151.29a Sanatorium in Eccleston Hall. Proposed petrol store shown in plan, end elevation and sections. Includes some dimensions and details of construction. Scale: 1 foot to 1 inch. Jul 1913.
- 151.29b Sanatorium in Eccleston Hall. Untitled pencil drawing of building in section. Shows staircase and roofing. No date.
- 151.30 Sanatorium in Eccleston Hall. Map shows location of sanatorium and surrounding area including Eccleston Top Dam, Eccleston Bottom Dam and Mill Dam. Scale: 208.33 feet to 1 inch. Aug 1912.
- 151.31 Sanatorium in Eccleston Hall. Plan and sections show cold water supply and electricity supply to various rooms. Scale: 8 feet to 1 inch. Mar 1913.
- 151.32a Sanatorium in Eccleston Hall. Shows cold water supply (in blue) and electricity supply (in red).  $\frac{1}{2}$  inch and  $\frac{3}{4}$  inch pipes were to be laid and the meter cut outs, main switch and 3-way distribution board were to be placed in a storeroom in the centre of the building. Scale: 8 feet to 1 inch. Drawing no 526. Drawn by Arthur W. Bradley, Borough Engineer, on 4 Mar 1913. Also dated 15 Mar 1913.
- 151.32b Eccleston Hall Sanatorium Tuberculosis hospital. Foundation plan. Drawing no. 2. Mains sewers are also shown. Scale: 8 feet to 1 inch. Contract no. 1327. Drawn by Arthur W. Bradley, Borough Engineer. Dated 18 Jul 1913.
- 151.32c Eccleston Hall Sanatorium Tuberculosis hospital. General plan shows a central block of kitchen, pantry, scullery, staff lavatory, storerooms, 5 wards, a bathroom, lavatory and a room for patients' clothes. Scale: 8 feet to 1 inch. Contract no. 1327. Drawn by Arthur W. Bradley, Borough Engineer. Dated 3 Jul 1913.
- 151.32d Sanatorium for discharged soldiers and sailors in Eccleston Hall. Drawing no. 1. Includes plan, north elevation, south elevation, sections, east elevation and basement plan. Scale: 8 feet to 1 inch. Drawn by Arthur W. Brad-

ley, Borough Engineer. Dated Nov 1920.

- 151.32e Standard design for sanatorium for discharged soldiers and sailors. Plan shows 2 wards for 12 beds each, 2-day rooms, 2 duty rooms, lockers, bathrooms, storerooms and linen stores. Includes south elevation, north elevation, boiler house, section and east elevation. Read by Town Clerk on 25 Oct 1918.
- 151.32f Additional rooms and proposed pavilion for Eccleston Hall. Shows the surrounding area from Knowsley Road to Pinfold Farm, Griffin Inn and Christ Church. Includes Mill Dam, Mill Wood and Eccleston Top Dam and Bottom Dam. Scale: 208.33 feet to 1 inch. Drawing no. 834. Copy sent to Town Clerk on 7 Feb 1919.
- 151.32g Map shows sewerage of Eccleston Hall. Includes 9 inch pipes from sewer in Church Lane and 9 inch and 6 inch pipes for new pavilion. Scale: 208.33 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer. No date.
- 151.32h Blueprint of sanatorium in Eccleston Hall. Shows central block of kitchen, boiler room, scullery, storerooms, staff lavatory and duty room. Scale: 8 feet to 1 inch. No date.
- 151.32i Map of Holme Road and pavilion at Eccleston Hall. Longitudinal section only. No scale. No date.
- 151.32j Sanatorium in Eccleston Hall. Sections of site. Scale: horizontal: 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- 151.33 2 longitudinal sections show 9 inch stoneware pipes to be used in the proposed re-drainage of sanatorium in Eccleston Hall. Scale: horizontal 100 feet to 1 inch; vertical 10 feet to 1 inch. Jan 1913.
- 151.34 Sanatorium in Eccleston Hall. Pencil drawing shows details of joiners' work on doors, doorframes and window frames. No date.
- 151.35a Untitled ground and first floor plans of unidentified buildings (possibly Eccleston Hall Sanatorium) No date.
- 151.35b Sanatorium for discharged soldiers and sailors in Eccleston Hall. Shown in north, south and east elevations, cross section and ground plan with plan of basement. Drawing no. 1. Scale: 8 feet to 1 inch. Nov 1920.
- 151.36 Eccleston Hall hospital. Details of lockers and pavilions. Includes full size plan. No scale. No date.
- 151.37 Proposed lodge at Eccleston Hall Sanatorium. Shows fitting of 6 inch diameter stoneware pipes running from lodge joining existing 9 inch sewer. Includes Holme Road, public footpath to Dunriding lane and Taylor Park. Scale: 20 feet to 1 inch. Drawing No. 2. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor, on 4 Mar 1915.

- 151.38 Plan of proposed lodge at Eccleston Hall Sanatorium. Shows living room, scullery, bathroom, 2 bedrooms, paths around the lodge and 4 inch and 6 inch sewers. Includes elevations and sections. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor, on 3 Feb 1915.
- 151.39 Plan shows land at Eccleston Hall. Shows proposed 9 inch stoneware pipes running from pavilion to existing sewer in Church Lane. Includes covered watercourse running from Eccleston Hall to Paddock Dam. Includes sections. Scale: 208.33 feet to 1 inch. Dated 20 Feb 1913.
- 151.40 Eccleston Hall Sanatorium. Includes back elevation, front elevation, end elevation, ground plan, foundation plan and sections. Scale:  $\frac{1}{8}$  inch to 1 foot. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. No date.
- 151.42 Proposed piggeries for Eccleston Hall. Includes back elevation, section and detail of farrowing rail. Scale: 1 inch to 1 foot. Plan shows 6 inch fitting of 6 inch pipes. Contract no. 1146. Dated 10 Apr 1918.
- 151.43 General plan of proposed entrance gates for Eccleston Hall Sanatorium. Scale: 1 inch to 1 foot. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. 1915.
- 151.44a Child Welfare. Plan of proposed pavilion for Eccleston Hall. Shows entrance, passage, separation wards, ward kitchen, bath and lavatory. Scale: 8 feet to 1 inch. Includes 4 inch, 6 inch and 9 inch sewers and ventilators. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. Dec 1915.
- 151.44b Child Welfare. Plan of proposed pavilion for Eccleston Hall. Shows entrance, passage, separation wards, ward kitchen, bath and lavatory. Scale: 8 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. Dec 1915.
- 151.44c Child Welfare. Plan of proposed pavilion for Eccleston Hall. Shows entrance, passage, separation wards, ward kitchen, bath and lavatory. Scale: 8 feet to 1 inch. Includes 4 inch, 6 inch and 9 inch sewers and ventilators. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. Dec 1915.
- 151.44d Child Welfare. Plan of proposed pavilion for Eccleston Hall. Shows entrance, passage, separation wards, ward kitchen, bath and lavatory. Scale: 8 feet to 1 inch. Includes 4 inch, 6 inch and 9 inch sewers and ventilators. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor. Dec 1915.
- 151.45a Eccleston Hall Sanatorium. Plan shows land off Holme Road and pavilion. Includes sections. Scale: horizontal 20 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor, on 29 Aug 1917.
- 151.45b Plan of land at Eccleston Hall. Scale: 8 feet to 1 inch. Dated 25 Nov 1918.
- 151.45c Eccleston Hall Sanatorium. Sections show surface of road. Scale: horizontal 20 feet to 1 inch; vertical 10 feet to 1 inch. No date.

- 151.45d Eccleston Hall Hospital. Includes front elevation and detail of boiler floor. No scale. No date.
- 151.46 Pencil drawing shows land at side of Holme Road. Includes Eccleston Hall, Taylor Park and St. Anns Road. No scale. No date.
- 151.46a Drawing shows floor plans, side elevations and back elevation of Eccleston Hall. No scale. No date.
- 151.47a Eccleston Hall Tuberculosis Hospital. Plan includes 2 wards, 2 dining and recreation rooms, kitchen, pantry, scullery, bathrooms, stores, bedrooms and patients' clothes rooms. Scale: 8 feet to 1 inch. No date.
- 151.50 New pavilion at Eccleston Hall Tuberculosis Hospital. Ground floor plan shows bedrooms, WC, duty room and ward. Drawing no. 3. Scale: 8 feet to 1 inch. Aug 1920.
- 151.52 Sanatorium for discharged soldiers and sailors in Eccleston Hall. Floor plan shows 2 wards for 12 beds each, dayrooms and duty rooms. Scale: 8 feet to 1 inch. No date.
- 151.53a Details of fencing for Eccleston Hall Sanatorium. Elevation shows dimensions of posts. Scale: 1½ inches to 1 foot. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor, on 25 May 1914.
- 151.53b Details of fencing for Eccleston Hall Sanatorium. Elevation shows dimensions of posts. No scale. No date.
- 151.53c Details of fencing for Eccleston Hall Sanatorium. Elevation shows dimensions of posts. Scale: 1½ inches to 1 foot. Drawn by Arthur W. Bradley, Borough Engineer and Surveyor, on 27 May 1914.
- 151.54a Red Cross Society Sanatorium pavilion in St.Helens. Shown in back and front elevations. Ground plan shows individual rooms and their uses. Includes foundation plan. Scale: 4 feet to 1 inch. No date.
- 151.54b Red Cross Society Sanatorium pavilion in St.Helens. Includes back elevation, front elevation and ground plan. Shows clothes store, drying room, day room, dining room, wards, scullery, duty room, bathroom, linen, lavatory and verandah. Foundation plan shows coal and boilers. Scale: 4 feet to 1 inch. Drawn by Mark Kitchen, Architectural Department, Local Government Board, 22 Oct 1917.
- 151.54c Red Cross Society Sanatorium Pavilion in St.Helens. Includes block and drains plans. Shows pathways, channel, terrace, slope, existing manholes and 4 inch and 6 inch pipes. Includes new Pavilion, existing Pavilion, entrance roadway, 3 inch gas mains, ¾ inch water pipe and channel gully. Scale: 4 feet to 1 inch and 20 feet to 1 inch. Drawn by Mark Kitchen, Architectural Department, Local Government Board, 1 Nov 1917.



- 151.54d Red Cross Society Sanatorium Pavilion in St.Helens. Includes roof plan. Shows cistern access, bearer, plate, soffit and ceiling line, 4 inch x 2 inch rafters and 4 inch x 2 inch collars. Scale: 4 feet to 1 inch. Drawn by Mark Kitchen, Architectural Department, Local Government Board, 1 Nov 1917.
- 151.54e Plans show Lugsmore Lane, Whittle Street, Victoria Road, Thatto Heath Park and street at side of building plots (42 feet wide). Lot No. 2 was an area of 7185 square yards. Building plots had 18 foot frontage. Trees were to be planted by the Corporation. Drawn by George J.C. Broom, Borough Engineer. 3 copies of plan. Plan on reverse shows block plans of buildings. Scale: 20 feet to 1 inch.
- 151.56 Design for new shelter as used by the Westmorland Consumption Sanatorium in Meathop, Cumbria. Includes elevations, section and plan. Scale: ½ inch to 1 foot. Drawn by John Hutton, Architect and Surveyor, Kendall. No date. Also includes small slip of paper dated 23 Apr 1914 and signed by Borough Engineer, St.Helens.
- 185.35a Plan shows widening of road in Scholes Lane from Hayes Street and London and North Western Railway to Stevens Street. Includes several sections. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Signed by Borough Engineer. Poor condition.
- 185.35b Traced copy of plan showing widening of road in Scholes Lane from Hayes Street and London and North Western Railway to Stevens Street. Poor condition.
- 186.12a Plan shows position of Little Delf Colliery, Black Brook Colliery, Haydock Colliery, Broad Oak Colliery, Sankey Brook Colliery and Stanley Colliery. Also included is Messrs. Evans Furnace Pit, Stanley pumping pit, Broad Oak crop pit and deep pit, Black Brook chain pit. Longitudinal section shows the line of tunnels of Rushy Park Mine and Little Delf Mine. Scale: 40 yards to 1 inch. Drawn by D. Bates, Surveyor in 1864.
- 186.12b Plan shows 'give and take' lines in the Little Delf and Rushy Park mines between Black Brook Colliery and Haydock Colliery. Includes copy of plan of proposed exchange of coal in the Rushy Park and Little Delf Mines at Black Brook between Messrs. Brownlow Brothers and Southern and Messrs Richard Evans and Company. Signed 12 Jul 1851. Plan shows the Turnpike Road, the give and take line and the St.Helens canal. Scale: 1 inch to 20 yards.
- 186.12c Little Delf Mine at Blackbrook Colliery. Plan of all the workings from 1857 to 1862. Each level has the name of the men who worked it. Names include Thomas Jackson, Joseph Topping and son, Fairhurst, James Cheetham, William Chasworth, Thomas Middlehurst and John Baron. Plan shows blind pit and chain pit, 'give and take' line and the line of the east fault. Scale: 20 yards to 1 inch. Drawn by D. Bates, Surveyor in 1863.
- 187.6 Parliamentary and Improvement Committee. Map of Church Street and surrounding streets and buildings in the Town Centre. Undefined improve-

ments are coloured red and blue. Scale: 41.66 feet to 1 inch. Aug 1882.

- 185.36a Plan of Peasley Cross Lane. Shows intended line of road and housing along road. Sheet No. 2. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch.
- 188.1a Proposed conversion of Parvillion cinema into glass warehouses, cutting shop and offices for Alfred T. Free and Company, Corporation Street, St.Helens. 1959.
- A1 Improvement of Ashcroft Bridge. Parliamentary and Improvement Committee. Contract No. 312. Plan and section. Nov 1882.
- A2 Diagram and map of Ravenhead main sewer. Boundary Road to Lugsmore Lane. Includes Thatto Heath main sewerage. Scale: horizontal 44 feet to 1 inch; vertical 10 feet to 1 inch. 19 Aug 1882.
- A3 Plan and section of Elephant Lane and Thatto Heath main sewage from Thatto Heath Road to Four Lane Ends. Contract No. 299. 23 Aug 1882.
- A4 Highway and Paving Committee. Plan and sections for new bridge in Warrington New Road and construction of culvert and for diversion of brook in Gas Works yard. Scale: 4 feet to 1 inch. Contract No. 284. No date.
- A5 Plan and section of Thatto Heath main sewerage from Lugsmore Lane to asylum gates. Contract No. 298. Scale: horizontal 44 feet to 1 inch; vertical 10 feet to 1 inch. Dated 23 Aug 1882.
- A6a Plan of main sewer from Moss Nook to Cecil Street. May 1880.
- A6b Plan for proposed sewer in Junction lane and Moss Nook, Sutton. 17 Nov 1879.
- A7 Map showing main intercepting sewer from Sprays Bridge to outfall at old double locks. Scale: 208.33 feet to 1 inch. 10 Feb 1886.
- A8 Map of St.Helens showing Central Ward and East Sutton Ward and pipes and their diameters for drainage. Includes storm water outlets.
- A9 Intercepting sewer from Sprays Bridge to Warrington Old Road. Contract No. 509. Drawing No. 1. 6 Jun 1890.
- A10 Intercepting sewer in vicinity of Hardshaw Brook Chemical Works. Contract No. 509. Drawing No. 2. 6 Jun 1890.
- A12 Pencil drawing of survey of sewage works. Shows double locks. No date.
- A13 Sections of Sankey Brook between Langtree Street and the Pocket Nook Branch Railway. Scale: 4 feet to 1 inch. Small section shows Hardshaw Brook Chemical Works and Sutton Alkali Works. Scale: 41.66 feet to 1 inch. No date.

- A14 Proposed storm sewer in Sutton Road. Plan shows fitting of 18 inch sewer along Bain Street and 15 inch sewer in Blinkhorn Street. Shows proposed new line of sewer in Morris Street. Includes manholes, Sutton Brook, London and North Western Railway, St.Helens Water Works, Lancots Lane and existing sewer in Sutton Road and Little Street. Property owners are listed. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Plan contains detail of overflow manhole. Scale: 4 feet to 1 inch. Contract No. 717. Drawn by George Broom, Borough Surveyor. Witnessed by George Rawlinson, clerk, Town Clerks Office, St.Helens.
- A16 Plan of proposed district drains in Sutton and Parr. Shows sewers, proposed reservoirs and proposed branch railway. Includes brook, Blackbrook Branch Railway and St.Helens Railway. Property owners are included. No date.
- A17 Drawings and plan section of Robins Lane sewer. Scale: horizontal 3 feet to 1 inch; vertical 5 feet to 1 inch. 17 Oct 1870.
- A22 Plan for fitting of a sewer in George's Road and West Park Road. Includes 2 longitudinal sections. Scale: horizontal 30 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- A24 Plan of proposed intercepting sewer from Boardmans Lane to Sprays Bridge. Shows sewer along Albion Street, brook, Westfield Street, Water Street, Tontine Street, Foundry Street to Warrington New Road and along continuation of brook. Includes drawn scale. No date.
- A25 Section of main intercepting sewer. Longitudinal section shows 4 foot 0 inch x 2 foot 8 inch brick sewer in Albion Street, Westfield Street, Water Street and Tontine Street and 6 foot x 4 foot sewers in Foundry Street, London and North Western Railway, Hardshaw Chemical Works and Boardman's Lane. Scale: horizontal 208.33 feet to 1 inch: vertical 10 feet to 1 inch. Drawn by George Broom, Borough Engineer, on 10 Feb 1886.
- A26A Diagram of intercepting sewer. Contract No. 509B. Drawing No. 7. Scale: 4 feet to 1 inch. 14 Mar 1894.
- A26B Diagram of intercepting sewer in Ashcroft bridge area. Includes details of tube steel through Ashcroft Bridge. Scale: 4 feet to 1 inch. Contract No. 509B. Drawing No. 8. Dated 14 Mar 1894.
- A26C Map and diagrams showing intercepting sewer serving Parr Stocks Road, Ashcroft Street, Park Road and Ross Street. Contract No. 509B. Drawing No. 3. Scale: 41.66 feet to 1 inch. Mar 1894.
- A27A Highway and Paving Committee. Plan and section of sewerage of Queen's Park. Scale: horizontal 30 feet to 1 inch; vertical 10 feet to 1 inch. May 1881.
- A27B Plan of Queen's Park. Shows Prescott Road and Regents Road. Scale: 30

feet to 1 inch. Oct 1881.

- A27C Note from W. H. Foster concerning costing of sewerage of Queen's Park Estate. No date.
- A27D Note concerning measurements of pipes used for drainage of Kings Road, Queens Road and Regents Road in Queen's Park area. No date.
- A28 Plan and section of new main sewer in Eccleston Street. Plan shows fitting of 2 foot 8 inch x 1 foot 10 inch brick sewer, 9 inch gullies, manholes, ventilators and paving and flagging from Phythian Street to existing sewer in Boundary Road. Includes Westfield Street, Croppers Hill, Ragland Street, Lyon Street, Havelock Street and Napier Street. Scale: horizontal 30 feet to 1 inch; vertical 10 feet to 1 inch. Includes calculation of frontages, detail of manhole ( $\frac{1}{2}$  inch scale) and section through brick sewer showing invert (inch scale). Contract No. 247. Signed by Samuel Wesley Dale. Dated 11 Jun 1880.
- A29 Drawings and plan section of Croppers Hill Sewer. Scale: horizontal 30 feet to 1 inch; vertical 4 feet to 1 inch. Dated 13 May 1870.
- C1A Proposed ward boundaries. Various schemes. 11 Oct 1933.
- C1B Proposed ward boundaries. Various schemes. Jul 1933.
- C1C Proposed ward boundaries. Various schemes. No date.
- C1D Proposed ward boundaries. Scheme No. 2. Includes note listing local Government electors' rateable value. 1933.
- C1E Proposed ward boundaries. Various schemes. Scheme No. 1. Includes note detailing existing and proposed wards. 20 Sep 1933.
- C1F Proposed ward boundaries. Various schemes. 1933.
- C1G Proposed ward boundaries. Various schemes. 1933.
- C1H Proposed ward boundaries. Various schemes. 1933.
- C1I Proposed ward boundaries. Various schemes. 1933.
- C1J Proposed ward boundaries. Various schemes. 1933.
- C1K Proposed ward boundaries. Various schemes. 1937.
- C1L Proposed ward boundaries. Various schemes. 1933.
- C1M Proposed ward boundaries. Various schemes as submitted to the Commissioner on 15 Jan 1934. Includes note detailing existing and proposed wards. 1934.

- C1N Proposed ward boundaries. Various schemes. 1933.
- C1O Proposed ward boundaries. Various schemes. 1933.
- C1P Proposed ward boundaries. Various schemes. 1933.
- C2A St.Helens Corporation Extension Map. In Parliament Session 1932-1933. Shows existing and proposed boundaries. Includes reference to lands owned by the United Alkali Company. Nov 1932.
- C2B St.Helens Corporation Extension Map. In Parliament Session 1932-1933. Shows existing and proposed boundaries. Nov 1932.
- C3A Ordnance Survey map of St.Helens and surrounding area. Shows proposals for future development of Eccleston, Windle and Moss Bank. Includes new roads, open spaces and industrial areas. Scale: 6 inch. c. 1929.
- C3B Ordnance Survey map of St.Helens and surrounding area shows proposed borough boundary. Scale: 6 inch. c. 1929.
- C3C Ordnance Survey map of St.Helens and surrounding area shows borough boundary and a number of other areas. Scale: 6 inch. c. 1929.
- C5 Map of Borough of St.Helens. Includes Windle, St.Helens, Eccleston, Prescott, Whiston, Rainhill and Bold. Shows London and North Western Railway (Liverpool and Manchester line and St.Helens and Huyton line), County Lunatic Asylum, Halshead Park, Bold Park, St.Helens Plate Glass Works, Carr Mill Dam and Windleshaw Cemetery. Scale: 6 inches to 1 statute mile. 1909.
- C6 Plan shows roads proposed to be closed and formed by the London and North Western Railway Company. Shows Warrington Old Road, Warrington New Road, Rimmer Street and Raven Street. Property owners were St.Helens Gas Works, Messrs. Kurtz Chemical Works and Messrs. Varley's Foundry. Scale: 30 feet to 1 inch. Drawn by James Hart, Borough Surveyor. No date.
- C7 Plan shows London and North Western Railway (Ravenhead Branch and main line). Warrington Old Road was to be stopped up and level crossings were to be stopped. Scale: 40 feet to 1 inch. Dated 4 Oct 1878. Includes a letter specifying the work which was to be done. No date.
- C8 Colour drawing of proposed market and other buildings. Includes elevation to Bridge Street. No scale. Drawn by James Hart in Jul 1879.
- C10A New baths in Boundary Road. Includes front sectional elevation, side elevation and end sectional elevation. No scale. No date.
- C10B Longitudinal section shows new baths in Boundary Road. No scale. No date.

- C10C Ground plan shows new baths in Boundary Road. Includes sections. No scale. No date.
- C10D Proposed baths in Boundary Road. Sketch No. 1. Ground plan shows swimming baths, ladies' baths, private baths, boiler house and waiting rooms. Scale: 20 feet to 1 inch. No date.
- C10E Proposed baths in Boundary Road. Sketch No. 2. Ground plan shows site between Boundary Road and Virgil Street. Includes gentlemen's swimming bath, ladies' plunge bath and private baths. Scale: 20 feet to 1 inch. No date.
- C10F Proposed baths in Boundary Road. Sketch No. 3. Ground plan includes gentlemen's bath and ladies' plunge bath. Scale: 20 feet to 1 inch. No date.
- C10G Proposed baths in Boundary Road. Sketch No. 4. Includes elevation to new street, continuation of Campbell Street and elevation to Boundary Road. Scale: 8 feet 1 inch. No date.
- C10H Proposed baths in Boundary Road. Sketch No. 4. Ground plan shows site between Boundary Road and Virgil Street. Includes gentlemen's swimming bath, ladies' plunge bath, private baths and boiler house. Scale: 20 feet to 1 inch. No date.
- C10I Proposed baths in Boundary Road. Sketch No. 5. Ground plan shows site between Boundary Road and Virgil Street. Includes gentlemen's swimming bath, ladies' plunge bath, private baths and boiler house. Shows elevation to new street, continuation of Campbell Street and elevation to Boundary Road. Scale: 8 feet to 1 inch. No date.
- C10J Proposed baths in Boundary Road. Sketch No. 5. Ground plan includes intended new street (14 yards wide), Virgil Street and Boundary Road. Plan includes gentlemen's swimming bath, ladies' plunge bath and private baths. Scale: 20 feet to 1 inch. No date.
- C10K Proposed baths in Boundary Road. Ground plan shows swimming baths (100 feet x 30 feet), ladies' bath (30 feet x 30 feet) and dressing boxes. No scale. No date.
- C10L Proposed baths in Boundary Road. Ground Plan shows site between Parade Street, Tolver Street and Birchley Street. Shows 1st class swimming bath, 2nd class swimming bath, ladies' bath, private baths and boiler house. Scale: 20 feet to 1 inch. Stamped by Borough Engineer's Department on 17 Jun 1889.
- C19 Plan shows Higher Parr Street, Ashcroft Street, Parr Stocks Road, Chancery Lane, Broad Oak Road, Derbyshire Hill Road, Newton Road, Fleet Lane, Ramford Street, Traverse Street and Park Road. Scale: 41.66 feet to 1 inch. No date.
- C20 Sutton Park Lane. Plan shows area of land at Marshalls Cross Road and

Robins Lane bordered by red and blue lines. 2 Jan 1904.

- C21A Section of Sutton Park for straightening brook. Plan includes Marshalls Cross Road from the Grange to beyond Robins Lane. Scale: 41.66 feet to 1 inch. Drawn by Borough Engineer. No date.
- C21B Section of Sutton Park for straightening brook. Includes section showing brook level. Scale: vertical 1/10; horizontal 1/500. No date.
- D4 Map of Windlehurst housing scheme. Includes proposal site for school. Shows total of 330 houses over 35 acres. Drawing No. 1A. No date.
- D5A Part of a map for Windlehurst housing scheme. Drawing No. 1. No date.
- D5B Map of Windlehurst housing scheme. Drawing No. 1. No date.
- D6 Housing scheme for Windlehurst Estate. Plan shows Rivington Road, Hard Lane, Cowley Hill Lane and Nos. 1-15 City Gardens. Includes proposed 3 inch x 3 inch gas main, foul sewers, surface water, intercepting traps, existing gas mains, proposed new gas mains, markers pipes and Windle garage. Scale: 41.66 feet to 1 inch. Drawn by Borough Engineer. Drawing No. 1. No date.
- D7 Plans of Windlehurst Housing Scheme. Shows details of existing and proposed water mains. No date.
- D9 Plan shows fitting of 15 inch pipe sewer, gullies, ventilators, manholes and flagging, paving and crossings from Merton Bank Lane to Stone Street. Shows existing 15 inch pipe sewer to Park Road. Property owners are listed. Includes longitudinal section, calculation of sewerage and frontages. Scale: horizontal 30 feet to 1 inch; vertical 10 feet to 1 inch. Contract No. 195. Drawn by Samuel Hart, Borough Surveyor in Dec 1878. Flagging was completed on 9 Aug 1879.
- D13A Plan shows improvements to Ashcrofts Bridge over Sankey Brook. Paving was to be carried out. Includes cross section. Property owners included J.R. Pickmere Esquire, Mr. Kurtz, William Tickle, A. Gaskell, Mr. McBryde and Company. Shows Ann Street and the Druid Arms public house. Scale: 16 feet to 1 inch. 1879.
- D13B Improvement to Ashcrofts Bridge. Plan shows levels of road (coloured yellow, grey and green). Property owners included William Tickle, J. Pickmere Esquire, A. Gaskell Esquire, Kurtz Esquire and Mr. McBryde and Company. Shows Sankey Brook and areas. No scale. No date.
- D13C Parliamentary and Improvement Committee. Improvement to Ashcrofts Bridge. Plan shows road, Sankey Brook, Ashcrofts Bridge and Baxters Lane. Property owners are listed. Includes longitudinal section. Scale: horizontal 44 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by James Hart, Borough Surveyor. No date.

- D15 Plan of a proposed intercepting sewer from Sutton Manor to Leach lane. Includes Leach Hall, Sutton Mill Dam, Lea Green Station, London and North Western Railway, Roughdale's Brick and Tile Works, Micklehead Green, Brook Works, Yew Tree Farm, Sutton Road Farm and St. Michael's House. 3 copies. No date.
- D16A to I Plans for granite and paving works. 1924.
- D16J Map shows areas to benefit from granite paving works. Feb 1924.
- D17 Passage rear of Nos. 122-140 Prescott Road and Nos. 2-24 Halton Street. Plan shows flagging of passage to Boundary Road. Includes longitudinal section. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by George Broom, Borough Engineer. Dated 23 Nov 1910.
- D18 Highway and Paving Committee. Plan and section of Dunriding Lane. Scale: horizontal 30 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- D23 Plan shows St.Helens, Windle, Eccleston, Prescott, Derbyshire Hill, and Blackbrook. Includes position of Chemical Works sites, Railway lines, County Mental Hospital, Ravenhead Works, Gerards Bridge Works, and St.Helens Hospital. Scale: 6 inches to one statute mile or 880 feet to 1 inch. 1929
- D24 Map of St.Helens Town Centre and surrounding district including Blackbrook, Peasley Cross and Parr. No date.
- D27A Plan shows house numbers in Wellington Terrace, Lord Street, Albert Street, Derby Street, Victoria Street, Cowley Street, Derby Street, Stanley Street, Victoria Street North, Fern Street, Hill Street and College Street. Includes Gerard Hall, School, Clarendon Hotel and Congregational Hall. Scale: 41.66 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer. No date. Includes copy.
- D27B Section at rear of Wellington Terrace, Albert Street, Cowley Street, Lord Street, Cowley Street, Derby Street, between Victoria Street and Fern Street, rear of Lord Street, Victoria Street, College Street and between Cowley Street and Hill Street. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer, Town Hall, St.Helens. No date.
- E1A Plan of intercepting sewer in Park Road district. Includes details of overflow. Contract no. 509. Oct 1894.
- E1B Plan and section. Includes details of apron and outfall works into Sankey Brook. Sep 1894.
- E1C Plan and details of pipes at overflow at Sankey Brook. No date.
- E1D Manhole and overflow chamber, west side of steel tube and Rainford brook crossing. Sep 1894.



- E1E Intercepting Sewer. Working drawings for No. 3 overflow at Sankey Brook. Mar 1895.
- E1F Sketch shows junction of sewer to main under railway. Jan 1891.
- E2A Highway and Paving Committee. Plan and section show improvement of brook near Hardshaw Brook Chemical Works. Contract No. 296. Jun 1882.
- E2B Plan of Langtree Street crossing Hardshaw Brook. Section shows Sutton Road Bridge. Jun 1887.
- E2C Plan and section show proposed improvement of Hardshaw Brook. Includes estimate of £900. Nov 1887.
- E2D Plan shows proposed improvement of Hardshaw Brook.
- E3 Parliamentary and Improvement Committee. Plan shows proposed improvement and widening of Eccleston Lane. Includes sewerage and draining and details of property. Contract No. 215. Apr 1880.
- E4A Pencil drawing of St. Ann's drainage. Plan and section. No date.
- E4B Pencil drawing of St. Ann's drainage. Plan and section. No date.
- E4C Plan and section shows sewer in Dunriding Lane. Includes costing of £55. No date.
- E4D Diagram of St. Ann's drainage near Cedar Street. No date.
- E6 Plan and section of sewer in Newton Road. Includes names of property owners and details of placement of manholes. Contract No. 1254. Sep 1909.
- E7 Parr Local Board. Plan and section of sewerage in Park Road. Includes names of property owners in Park Road. No date.
- E8 Plan shows Windle Brook and culvert. Includes dimensions. Scale: 1 inch to 1 foot. Contract No. 1315. Drawing No. 3. Drawn By Borough Engineer. No date.
- E9 Section of intercepting sewer from Ashcroft Street to Sewerage Works. Includes cross and longitudinal sections. Contract No. 509B. Drawing No. 2. 1894.
- E10A Investigation of roof truss at Boundary Road baths. Shows load allowance, bending limits and stresses. No date.
- E10B Pencil drawing concerning investigation of roof truss at Boundary Road baths. No date.

- E10C Drawings showing stresses allowed on roof trusses at Boundary Road baths. No date.
- E11A Blueprint drawings for balcony rakes at Boundary Road baths. Order No. CPG/723. Drawing No. F543. No date.
- E11B Blueprint contains details of rivetting at boundary Road Baths.
- E11C-D Drawing of balcony rakers at Boundary Road baths. Drawing No. 545.
- E11E Layout and marking plan of balcony steelwork at Boundary Road baths.
- E11F Drawing shows balcony rakers and mezzanine floor of Boundary Road baths. Drawing No. F544.
- E13 Plan of longitudinal and cross sections of proposed covering of Windle Brook. Part of application to Local Government Board for sanction to borrow £7,000. May 1912.
- E15A Graphics show the cost of materials for the Blackbrook Road Widening Scheme. 1922-1923.
- E15B Graph shows cost of kerbing and retaining walls for the Blackbrook Road Widening Scheme. 1922-1923.
- E16A Drawing of proposed extension to St.Helens Market. Includes longitudinal section, elevation to Exchange Street, transverse section, elevation to Bridge Street and details of foundations. Scale: 8 feet to 1 inch and 4 feet to 1 inch. Aug 1867.
- E16B Roof plan for St.Helens Market. Shows details of roof structure. Sep 1850.
- E16C Details of joints for iron roof of St.Helens Market. Scale: 1 foot to 1 inch. Sep 1850.
- E16D Plans for public urinal in market. Shows main entrance. Includes note containing estimated cost.
- E16E Designs for St.Helens Market. Includes north and west elevations, details of foundations, transverse section and longitudinal section. Sep 1850.
- E16F Plans for ground floor of St.Helens Market, main office and Weights and Measures office. Shows position of supporting columns. Scale: 8 feet to 1 inch. Sep 1850.
- E16G Basement plan for St.Helens Market. Shows drains under market. Scale: 8 feet to 1 inch. Sep 1850.
- E17A-C Drawing of the front elevation of new baths in Boundary Road. Drawing No. 4. Contract No. 507. Oct 1889. 3 copies.

- E19A Ground floor plan of Boundary Road baths. No date.
- E19B Plan of interior of Boundary Road baths. Sheet No. 2.
- E19C Plan of various sections of Boundary Road baths. No date.
- E19D Part of diagram to section of Boundary Road baths.
- E19E Boundary Road baths. Elevation drawings of building in Boundary Road.
- E19F Boundary Road baths. Elevation drawings of building in Horace Street.
- E20 Plan shows proposed diversion of brook. Relates to agreement between Colonel Gamble and A.G. Kurtz. Includes London and North Western Railway and Langtree Street. 20 Mar 1882.
- E22a Rivington supply crossing over London and North Western Railway. Plan shows rivets, pitch, diagonal brace, galvanised corrugated iron sheet. Includes dimensions and cross section. Scale: 1 inch to 1 foot. Drawing no. 2a. Drawn by Arthur W. Bradley, Borough and Water Engineer, in Aug 1921.
- E22b Waterworks. Rivington supply. Plan shows Brown Edge Reservoir, St.Helens Corporation Waterworks inlet well, new 21 inch diameter main, Rivington aqueduct, Liverpool Corporation Waterworks, Venturi meter, pumping station, Eccleston Hill and London and North Western Railway. Scale: 208.33 feet to 1 inch. Drawing no. 1. Drawn by Arthur W. Bradley, Borough and Water Engineer. 1921.
- E22c Plan shows Rivington water supply crossing over London and North Western Railway. Shows bridge and railway track including corrugated sheets, 22 inch diameter steel tube, pitching and cutting, 21 inch diameter pipes, steel tube, existing stone pitching, new steps and existing sleeper fence. Scale: 8 feet to 1 inch. Drawing No. 2. Drawn by Arthur W. Bradley, Borough and Water Engineer, Town Hall, St.Helens, in 1921.
- E22d Corporation Waterworks. Rivington Supply. Plan shows Eccleston Hill Pumping Station, site of meter house (Prescot Road), Thatto Heath Dam, pumping station, Brown Edge Reservoir, Thatto Heath Road, Thatto Heath Park, Thatto Heath Station, London and North Western Railway (Huyton and St.Helens line), Nutgrove Road, Scholes Lane, Lugsmore Lane, Roby Street, Emily Street and Gertrude Street. Scale: 208.33 feet to 1 inch. Plan No. 3. Drawn by Arthur W. Bradley, Borough and Water Engineer, Town Hall, St.Helens. 1920.
- E22e Plan shows pumphouse and connection at Brown Edge Rivington water supply. Includes inlet house, new 21 inch main, reservoir, pump house, suction pit, existing mains, weigh house, 6 inch delivery and 8 inch suction and boiler house. Scale: 16 feet to 1 inch. Includes section. Scale: 8 feet to 1 inch. Drawing No. 3b. Drawn by Arthur W. Bradley, Borough and Water Engineer, Town Hall, St.Helens. 1921.

- E22f Plan shows meter house for Rivington water supply. Includes 18 inch sluice valve, tapper, reflux valve, 21 inch sluice valve, 21 inch B pipes, sump and anthracite recorder. Scale: 4 feet to 1 inch. Includes front elevation and end elevation of meter house, plan of floor and section. General plan (scale 16 feet to 1 inch) included. Drawing No. 4. Drawn by Arthur W. Bradley, Borough and Water Engineer, Town Hall, St.Helens. No date.
- E22g Plan of Rivington water supply pipe crossing over London and North Western Railway. Cross section includes 22 inch diameter steel tube, 30 inch x 12 inch reinforced steel joint, 3 inch concrete slabs reinforced with No. 8 diamond mesh expanded steel,  $\frac{3}{4}$  inch diameter steel rod, 4 inch x 2½ inch shaped hardwood blocks, 1¼ inch x ¼ inch wrought iron strip, 4½ inch x 3 inch bearer bolted to flange and galvanised cast iron sheets screwed to bearer. Shows alternate junction of channel and main girder. Scale: 3 inches to 1 foot. Drawing No. 5. Drawn by Arthur W. Bradley, Borough and Water Engineer, in 1921.
- E22h Details of abutment of crossing for Rivington water supply pipe line over London and North Western Railway. Section shows 22 inch diameter steel tube, selected rubble closely packed to form solid bedding for steps and abutment. All exposed surfaces of steps were to have granolithic rendering. Sectional elevation shows edge of existing pitching, brick on edge and dimensions. No scale. 1922.
- E22i Details of roof of meter house and pumphouse for Rivington water supply. Scale: ¼ inch to 1 foot. Plan shows dimensions of sheet to be secured with binding wire and outlet. Scale: ¼ inch to 1 foot. 1922.
- E22j Details of steel floor of meter house for Rivington water supply ½ inch to 1 foot. Elevation shows valve, guide bracket, lengthening spindle and 6 inch x 3 inch channels. Includes enlarged sectional plans and enlarged detail of guide bracket. No date.
- E22k Rivington water supply. Section shows Venturi meter. Plan shows anthracite stove, recorder, sump, iron ladder and dimensions. No scale. No date.
- E22l Rivington water supply. Small sketches show elevations included rustic brick facings, white joints, steel casements, brick in cement below ground line, rustic plinth and rustic coping. No scale. No date.
- E22m Rivington water supply. Detail of cement slab required for bridge crossing over London and North Western Railway. Cross section shows  $\frac{3}{4}$  inch expanded metal. Includes dimensions, longitudinal section and full size detail of joint. Stamped by the Borough Engineer's Department, Corporation of St.Helens.
- E22n Rivington water supply. Plan shows padstones for London and North Western Railway crossing. Includes dimensions and sections. No date.
- E23 Plan of Rivington water main from Rivington Avenue to City Road. Includes

City Gardens, Friar Street and Seddon Street. Scale: 20 feet to 1 inch. No date.

- E25 Blueprint of layout of houses for Windlehurst Housing Scheme. Includes proposed fencing. Drawn by Arthur W. Bradley, Borough and Water Engineer, St. Helens on 3 May 1921. Copy of this drawing was forwarded to St. Helens panel of architects on 27 May 1921.
- E27a Plan for granite and paving works. Application to borrow £100,000. Shows Station Road, Helena Road and Bold Road. 1924
- E27b Plan for granite and paving works. Application to borrow £100,000. Shows Marshall's Cross Road and Robins Lane. 1924
- E27c Plan for granite and paving works. Application to borrow £100,000. Shows Newton Road and Broad Oak Road. 1924
- E27d Plan for granite and paving works. Application to borrow £100,000. Shows Parr Street, Ashcroft Street, Parr Stocks Road, Warrington New Road, Peasley Cross Lane, Marshall's Cross Road, Market Square, St. Thomas' Street and Arthur Street. 1924
- E27e Plan for granite and paving works. Application to borrow £100,000. Shows Eccleston Hill (A58) and Boundary Road. 1924
- E27f Plan for granite and paving works. Application to borrow £100,000. Shows Broad Oak Road, Newton Road and Blackbrook Road. 1924
- E27g Plan for granite and paving works. Application to borrow £100,000. Shows College Street, Haresfinch Road, Crab Street, North Road, Lowe Street, Traverse Road, Ashcroft Street and Park Road. 1924
- E27h Plan for granite and paving works. Application to borrow £100,000. Shows Dentons Green Lane and Boundary Road. 1924
- E27i Plan for granite and paving works. Application to borrow £100,000. Shows typical cross sections of paving. May 1924
- E28a Plan shows covering of proposed culvert for Windle Brook. Includes dimensions of brook and culvert. Scale: 1 inch to 1 foot. 16 May 1912.
- E28B Proposed covering of Windle Brook. Sections show proposed semi-circular 15 inch diameter brick culvert. Includes Hardshaw Brook, Kirkland Street, Arthur Street and Waterloo Street. Cross sections show passages and man-holes. Includes detail of connection with storm overflow from Duke Street. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Natural scale for cross sections: 4 feet to 1 inch. No date.
- E28C Plan shows proposed urinal in Lowe Street. Includes elevation and section. Scale: 4 feet to 1 inch. Drawn by Borough Engineer. No date.

- E29 Highway and Paving Committee. Plan kerbing, footpaths, manholes and pipe sewers in Shaw Street and Hall Street from Corporation Street to Tolver Street. Includes Holy Cross Church. Scale: horizontal 30 feet to 1 inch; vertical scale 10 feet to 1 inch. No date.
- E30A Sections of sewerage for Windlehurst housing scheme. Drawing No. 6
- E30B Sections of sewerage for Windlehurst housing scheme. Drawing No. 7
- E30C Sections of sewerage for Windlehurst housing scheme. Drawing No. 8
- E30D Sections of sewerage for Windlehurst housing scheme. Drawing No. 3
- E30E Sections of sewerage for Windlehurst housing scheme. Drawing No. 2
- E30F Sections of sewerage for Windlehurst housing scheme. Drawing No. 3
- E30G Sections of sewerage for Windlehurst housing scheme. Drawing No. 4
- E30H Sections of sewerage for Windlehurst housing scheme. Drawing No. 5
- E32A Highway and Paving Committee. Footpath from Hell Bess Lane to Warrington Old Road via Bourne's and Robinson's Colliery. No date.
- E32B Copy of tithe plan of Prescott Church. Shows old footpath from Hell Bess Lane to Warrington Old Road. No date.
- E34a Pencil drawings of sections connected with unnamed brook.
- E34b Pencil drawings. Sections show culvert of brook from Sprays Bridge. Apr 1883.
- E34c Untitled pencil drawing of Windle Brook (?)
- E34d Map showing covering of Windle Brook in Green Street. No date.
- E34e Section drawings of Windle Brook. No date. No scale.
- E34f Longitudinal and cross sections of Windle Brook. No date. No scale.
- E34g Culvert for Windle Brook as previously proposed and as proposed in Oct 1913.
- E35 Section of sewer in Warrington Old Road from Peasley Cross Lane to McKechnie's Works. Section shows 12 inch sewer pipes to be fitted. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated Oct 1886.
- E36 Sewering for Crossley Road. Plan shows fitting of 15 inch pipe sewer from Alexandra Drive to Hall Lane and along road to Whittle Street. Shows reservoir and Victoria Gardens. Property owners are included. Includes longitudinal section and detail of iron pipes ( $\frac{1}{2}$  inch scale). Contract No. 463.

Ordered in Council 4 Apr 1888. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawing by George J.C. Broom, Borough Engineer. Signed on 18 Jun 1888 by John Riddel and William Johnson.

- E37A Sketch plan of brook from canal to Ashcroft Bridge and sketch plan of Hardshaw Brook and Sankey Brook. May 1915.
- E37B Section of brook from Warrington New Road to Ashcroft Bridge. Aug 1903. 3 copies.
- E38a Intercepting sewer. Details of overflow and penstock chambers near Ashcroft Bridge. No date.
- E38b Blueprint diagram of proposed tank details and of penstock weir for intercepting sewer.
- E38c Blueprint of intercepting sewer in cross and longitudinal sections. Contract No. 509B. Drawing No. 7. No date.
- E38d Intercepting Sewer. Blueprint of the overflow and penstock weir near Ashcroft Bridge. Contract No. 509B. Drawing No. 4.
- E38e Longitudinal section shows brook near Ashcroft Bridge.
- E38f Pencil drawing relating to intercepting sewer near Ashcroft Bridge. No scale. No date.
- E38g Pencil drawing of cross sections of pipe or sewer.
- E38h Longitudinal section drawing. No title. Jan 1896.
- E39 Section shows proposed intercepting sewer in Kirkland Street from Hope Street to corner of bridge. Sewer ran along side of brook, Talbot Street, Kirkland Street and Westfield Street. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- E40 Intercepting sewer. General plan shows fitting of proposed 6 foot diameter brick culvert along side of Sankey Brook. Shows culverts at manholes No. 1, No. 6 and No. 11. 2 foot x 2 foot 8 inch sewer was to connect with sewer in Park Road and 18 inch sewer was to connect to Fenney Street. Shows invert to existing sewer, 15 inch sewer along Parr Stocks Road, St. Helens Canal, Parr Stocks, Alkali Works and London and North Western Railway (Haydock Branch). Scale: 12.672 inches to 1 statute mile. Drawn by George J.C. Broom, Borough Engineer on 14 Mar 1894.
- E41A Plan shows proposed covering of Windle Brook at Westfield Street. Includes Brook Street and Arthur Street. Scale: 16 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer on 28 Feb 1912.
- E41B Plan of proposed covering of Windle Brook. Includes dimensions of brook covering and banks. Scale: 1 inch to the foot. No date.

- E42A Draft plan shows path of intercepting sewer through Boundary Road, Westfield Street, Arthur Street, Liverpool Road and Tontine Street. No date.
- E42B Sketch of junction of Arthur Street, Westfield Street and Lowe Street. No date.
- E42C Plan of sewer proposed to be carried through premises belonging to Messrs. Simpson, Latham and Rimmer at the junction of Bridge Street, Tontine Street and Water Street. No date.
- E43A-B Levels of brook at Parr and proposed sewer from Moss Nook. No date. 2 copies.
- E44 General map of St. Helens showing streams, sewers and chemical works. No date.
- E45A-B Plan of Nutgrove Road. Shows new footpath from Asylum to Heath Street. No date. 2 copies.
- E46 Section of Warrington Old Road and Warrington New Road, Plan shows 10 inch sewer main, manholes and road levels. Includes Alma Place, Alma Street, Stanley Inn, Albion Hotel and Gas Department offices. Section shows sewer along Sinclair Street, Warrington New Road and Alma Place. No scale. No date.
- E47 Plan of Warrington Old Road and Warrington New Road. Sections show Mr. McKechnie's sewer. Contract No. 429. Jun 1887.
- E50 Plan of intercepting sewer along Albion Street, side of brook, Westfield Street, Water Street, Tontine Street, Foundry Street, Salisbury Street, London and North Western Railway, Warrington New Road and Hardshaw Brook Chemical Works from Peter Street to catchpits. Shows Talbot Street, brook, Waterloo Street, Bridge Street, canal, London and North Western Railway (Pocket Nook Branch), York Street sewer, Park Road sewer and Boardmans Lane. Scale: horizontal 208.33 feet to 1 inch; vertical 10 feet to 1 inch. Oct 1848.
- E53 Section shows foul sewer/storm sewer from Warrington New Road to Boardmans Lane. Includes junction of Rainford Brook, Hardshaw Chemical Works, Langtree Street, invert of culvert and recreation ground. Scale: horizontal 1/2500; vertical 4 feet to 1 inch. No date.
- E54A Section from Warrington New Road to Manor Street Subway. Includes manholes Nos. 1 to 18, Peasley Cross Lane and Alma Place. Levels were taken on 19 Sep 1905, 6 Aug 1905 and 4 Jan 1910. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated Jan 1910.
- E54B Plan of land at junction of Clock Face Road and Leach Lane. Scale: 33 feet to 1 inch. No date.



- E54C Plan shows Leach Lane and Clock Face Road. Scale: 33 feet to 1 inch. No date.
- E55 Section shows proposed intercepting sewer from Water Street to Rainford Brook via College Street. Scale: horizontal 208.33 feet to 1 inch: vertical 10 feet to 1 inch. No date.
- E58A Main outfall sewer for Thatto Heath. Revised section. Feb 1927.
- E58B Notes regarding sewer in Alexandria Drive. Includes measurements. Feb 1927.
- E58C Small drawing of details of Roby Street sewer. Feb 1927.
- E59 Proposed improvement to Blackbrook Road. Plan shows existing and new tramway and existing and new foul sewer. No date.
- F1A Plan and section of Sankey Brook and Hardshaw Brook. Feb 1913.
- F1B Section of proposed widening and improvement of brook from Boardmans Lane to Sprays Bridge. Sep 1882.
- F1C London and North Western Railway. Plan shows Hardshaw Brook. No date.
- F5 New footpath in Hard Lane from Kiln Lane and Dentons Green Lane to Abbey Road. Includes Greenfield Road and Rainford Road, Windleshaw Road, Abbey Hotel, the Cottage, Windleshaw Cemetery and Windle Bowling Green. No scale. No date.
- F6 Plan shows flagging of footpath in Dunriding Lane from Knowsley Road to London and North Western Railway. Includes flagging from St. Annes Road to Prescott Road. Shows Doulton Street, Gladstone Street, Constance Street, Moxon Street, East Street and Cedar Street. Scale: 41.66 feet to 1 inch. Drawn by Borough Engineer and Surveyor, Town Hall, St.Helens. Dated 12 Dec 1912.
- F8A Letter from James Hart to George Holme, County Bridge Master, Liverpool, regarding the status of Boardmans Bridge, Parr. Signed James Hart. Dated 26 Jan 1883.
- F8B Letters from William Middlehurst regarding the status of Boardmans Bridge, Parr. Stamped by Corporation of St.Helens, Borough Engineer. Dated 26 Jan 1883.
- F8C Letter from C. Hull, Euston Station, London, to James Hart, Borough Surveyor, St.Helens, regarding the proposed improvement of Boardmans Lane, Parr. 11 Jun 1883
- F8D Improvements to Boardmans Lane. Section shows level of rails. Natural scale: 10 feet to 1 inch. Drawn by James Hart, Borough Surveyor, St.Helens, 19 Jun 1883.

- F8E Letter from C. Hull, Euston Station, London, to James Hart, Borough Surveyor, St.Helens, regarding the proposed improvement of Boardmans Lane, Parr. 26 Jun 1883
- F8F Improvement to Boardmans Lane. Plan shows paving and flagging. Shows bridge and siding. Landowners are listed. Includes section. Scale: horizontal 41.66 feet to 1 inch: vertical 10 feet to 1 inch. Drawn by James Hart, Borough Surveyor.
- F8G Improvement to Boardmans Lane. Includes sections. Natural scale: 10 feet to 1 inch. Drawn by James Hart, Borough Engineer. Stamped by Borough Engineer Department, St.Helens.
- F8H Plan shows improvements over Parr Bridge. Details include dimensions. No date.
- F8I Improvement to Boardmans Lane. Plan shows paving of road at side of Brook (area of 77 square yards) and at corner of road (area of 140 square yards). Includes St.Helens Canal, London and North Western Railway, Sankey Brook and Copper Works. Drawn by James Hart Borough Surveyor, St.Helens. Stamped by Borough Engineer's Department. No date.
- F9A The Brush Electrical Engineering Company Limited. Details of condenser foundations of 6500 kilowatt plant. Plan shows line of condenser and chambers to clear condenser ribs. Dated Mar 17 1924.
- F9B The Brush Electrical Engineering Company Limited. Platform arrangement for St.Helens 6500 kilowatt set. Plan includes chequered plates. Includes dimensions. Scale:  $\frac{3}{8}$  inch to 1 foot. P204 Drawing No. 2 7559. Dated 20 May 1924.
- F9C The Brush Electrical Company Limited. Platform arrangements for St.Helens 6500 kilowatt set. Plan shows centre line to turbine. Scale:  $1\frac{1}{2}$  inches to 1 foot. Drawing No. Z 7559A. No date.
- F9D The Brush Electrical Engineering Company Limited. Details of condenser foundations of 6500 kilowatt plant. Scale:  $\frac{3}{8}$  inch to 1 foot. Drawing No. 2 7499. No date.
- F10 Plan shows paving from Washway Lane to Islands Brow. Shows Hard Lane, Moss Bank Road, Green Leach Lane and Back Lane. Scale: 208.33 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer. 3 Feb 1922.
- F11 Longitudinal sections of proposed new road from Blackbrook to Haresfinch. Various measurements are given. Poor condition. No date.
- F12 Plan shows improvement to Elton Head Road from Black Horse Hotel to Asylum. Boundary plan and improvements are labelled. Scale: horizontal 10 feet to 1 inch: vertical 10 feet to 1 inch. No date.

- F14 Map of City of Liverpool, as extended in 1895. Shows Municipal and Parliamentary wards and polling districts boundary. Area within Municipal Boundary consisted of 15.252 acres. Scale: 200 yards to 1 inch. Drawn by H. Percy Boulnois, City Engineer in Sep 1895.
- F15A Drawing concerning Thatto Heath Estate Lane. No date.
- F15B Plan of building land adjoining Thatto Heath Road. May 1925.
- F16 Proposed improvement to Blackbrook Road. Includes London and North Western Railway, Great Central Railway, Alverna House, Chain cottages, Chain Lane and tramway. Shows positions of all manholes, drains and gullies. Scale: 41.66 feet to 1 inch. Drawn by Arthur W. Bradley, Borough Engineer. Dated Sep 1921 and 19 Jan 1922.
- F17 Plan shows tramways along Church Street to Parr Street. Improvements were to be made at corner and between Old Market Place and St. Mary Street. Shows Naylor Street North, Market Street, Brownlow Street, and Salisbury Street. Includes manholes, subway grids and tram stops. Scale: 41.66 feet to 1 inch. No date.
- F19A Ministry of Transport. Public street improvements and new streets. Estimate and particulars. Signed by Arthur W. Bradley, Engineer and Surveyor, St.Helens Council, 13 Apr 1922.
- F19B Application to borrow £52,900 for Highway purposes. Plan shows streets in St.Helens town centre and London and North Western Railway (Huyton and St.Helens line and Liverpool and Manchester line) Great Central Railway (St.Helens Branch), St.Helens Glass Works, British Plate Glass Works, St.Helens Canal, County Lunatic Asylum and St.Helens Hospital. Scale: 6 inches to 1 statute mile. Drawn by Arthur W. Bradley, Borough and Water Engineer on 13 Apr 1922.
- F19C Plan shows tarmacadam in Elephant Lane from Thatto Heath Road/Nutgrove Road to Sutton Heath Road. Includes Radley Street, Lavan Street, Common Street, Brisbane Street, Crown Street and Balmer Street. Scale: 41.66 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer, St.Helens. No date.
- F19D Plan shows tarmacadam in Bath Street from Liverpool Street. Scale: 41.66 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer, St.Helens. No date.
- F19E Plan shows tarmacadam in Phythian Street from junction of Liverpool Road. Includes Banner Street. Scale: 41.66 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer, St.Helens. No date.
- F19F Granite paving at junction of Liverpool Road and Bridgewater Street. Includes Canal Street and Grove Street. Scale: 41.66 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer, St.Helens. No date.

- F19G Granite paving in Kirkland Street from Boundary Road to Westfield Street. Shows Albion Street, Grant Street, Hope Street, Talbot Street, Napier Street, Wilson Street, Clyde Street, Lyon Street and Raglan Street. Scale: 41.66 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer, St.Helens. No date.
- F19H Grit sett paving in Rigby Street from Duke Street to Waterloo Street. Shows Henry Street, King Street, North John Street, Westfield Street and Brook Street. Scale: 41.66 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer, St.Helens. No date.
- F19I Plan shows tarmacadam in Liverpool Road, Short Street, Anne Street, Liverpool Street, Copperas Street and Canal Street. Scale: 41.66 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer, St.Helens.
- F19J Plan shows tarmacadam in Pocket Nook Street, Park Road, Park House Street, Davies Street, Vernon Street, Wood Street, Graham Street, Farnworth Street, Park Street and Marsh Street. Scale: 41.66 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer, St.Helens.
- F19K Plan shows tarmacadam in Crook Street, Edward Street, Russell Street and Hardy Street. Includes Westfield Street, Liverpool Street, Peter Street, St. Thomas Street, Arthur Street and Waterloo Street. Scale: 41.66 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer, St.Helens. No date.
- F20 Plan shows road schemes in Borough of St.Helens. Shows St.Helens Plate Glass Works, Sherdley Park and railways. Scale: 6 inches to 1 statute mile or 880 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer in Jul 1921. Includes copies.
- F21 Section shows flooding in Watery Lane. Includes cross section of road showing intended surface. Shows Berrys Lane and Nook Lane. Scale: horizontal 41.66 feet to 1 inch: vertical 4 feet to 1 inch. No date.
- F22a Ground plan of Town Hall. Includes Borough Engineers Office, health visitor, school nurses, kitchens, Minister of Health's Office, motor garage, Rates and Gas department, yard, book-keeper's office, Police offices and Inspector of Weights and Measures. Scale: 8 feet to 1 inch. No date.
- F22b Ground plan of Town Hall. Includes Borough Engineers Office, school nurses, kitchens, Minister of Health's Office, motor garage, Rates and Gas department, yard, book-keeper's office, Police offices and Inspector of Weights and Measures. Scale: 8 feet to 1 inch. No date.
- F22c Plan of first floor of Town Hall. Includes assembly room, court room, dart room, committee room, Town Clerk, Mayor's Parlour, bedrooms, laboratories, Police recreation room and single constables' room. Scale: 8 feet to 1 inch. No date.

- F22d Plan of second floor of Town Hall. Includes assembly room, Council Chamber, smoke room, tower and 3 bedrooms. Scale: 8 feet to 1 inch. No date.
- F22e General ground plan of Town Hall. Shows position of building between Hardshaw Street, Birchley Street, Corporation Street and Parade Street. Includes Victoria Square and statue, Gamble Institute, Prescott Union Relief Office, Methodist Chapel, Fire Engine Station, Ambulance shed and mortuary. Plan also shows positions and depths of all sewers and manholes in surrounding streets. Scale: 41.66 feet to 1 inch. No date.
- F22f General ground plan of Town Hall. Shows position of building between Hardshaw Street, Birchley Street, Corporation Street and Parade Street. Includes Victoria Square and statue, Gamble Institute, Prescott Union Relief Office, Methodist Chapel, Fire Engine Station, Ambulance shed and mortuary. Plan also shows positions and depths of all sewers and manholes in surrounding streets. Scale: 41.66 feet to 1 inch. Dated 1 Jul 1913.
- F23a Sections of sewerage work for Windlehurst housing scheme. Drawing No. 2. Shows areas to be fitted with 6 inch pipe sewer. Scale: horizontal 41.66 feet to 1 inch. Dated 1 Jul 1913.
- F23b Sections of sewerage work for Windlehurst housing scheme. Drawing No. 3. Shows areas to be fitted with 6 inch pipe sewer. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer. No date.
- F23c Sections of sewerage work for Windlehurst housing scheme. Drawing No. 4. Shows areas to be fitted with 6 inch and 9 inch pipe sewers. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer. No date.
- F23d Sections of sewerage work for Windlehurst housing scheme. Drawing No. 5. Shows areas to be fitted with 6 inch pipe sewer. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer. No date.
- F23e Sections of sewerage work for Windlehurst housing scheme. Drawing No. 6. Shows existing 24 inch dig foul sewer in Cowley Hill Lane. Includes section through roads Nos. 5, 1, 10, 7 and 13 to be fitted with 6 inch and 9 inch pipe sewers and 12 inch, 9 inch and 6 inch diameter storm water pipe sewers. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer. No date.
- F23f Sections of sewerage work for Windlehurst housing scheme. Drawing No. 7. Shows Road No. 1 to be fitted with 6 inch and 9 inch diameter pipe sewers. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineers. No date.
- F23g Sections of sewerage work for Windlehurst housing scheme. Drawing No. 8. Shows 9 inch and 6 inch diameter surface water sewers to be fitted to roads Nos. 7, 2, 3 and 8. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1

inch. Drawn by Arthur W. Bradley, Borough and Water Engineer. No date.

- F23h Sections of sewerage work for Windlehurst housing scheme. Drawing No. 9. Shows 6 inch and 9 inch diameter pipe sewers to be fitted to roads Nos. 14, 15, 11, 6, 9 and 4. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer. No date.
- F24a Site plan of Windlehurst Estate. Section B. Plan shows Cowley Hill Lane and Windle Cottage. Scale: 16 feet to 1 inch. Drawn by St.Helens Panel of Architects. No date.
- F24b Site plan of Windlehurst Estate. Section C. Shows Cowley Hill Lane and sewer pipes and gullies. Scale: 16 feet to 1 inch. Drawn by St.Helens Panel of Architects.
- F24c Site plan of Windlehurst Estate. Section F. Plan shows road numbers, sewerage systems, pipes, manholes, gullies and ventilators. Scale: 16 feet to 1 inch. Drawn by St.Helens Panel of Architects
- F24D Housing scheme for Windlehurst Estate. Site plan A. Plan shows road numbers 1, 2, 3 and Cowley Hill Lane. Sewerage system included gullies and manholes. Shows Rivington Aqueduct. Scale: 16 feet to 1 inch. Drawn by St.Helens panel of Architects. No date.
- F24e Housing scheme in Windlehurst Estate. Site plan section G. Plan of roads. Sewerage system includes 6 inch diameter ventilating shafts, gullies and manholes. Scale: 16 feet to 1 inch. Drawn by St.Helens Panel of Architects. No date.
- F26a Housing scheme in Windlehurst Estate. Plan shows housing schemes in Windlehurst Avenue, Princess Avenue, Rivington Avenue, Martin Avenue, Sycamore Gardens, Hard Lane, Birch Avenue and Birch Gardens. Scale: 41.66 feet to 1 inch. Plan no. 1. Contract No. 1534. Drawn by Arthur W. Bradley, Borough Water Engineer.
- F26B Housing scheme in Windlehurst Estate. Plan shows Windlehurst Avenue, Rivington Avenue, Pine Avenue, Sycamore Gardens, Martins Avenue, Birch Avenue, Birch Gardens and Hard Lane. House Nos. and sewers are shown. Scale: 41.66 feet to 1 inch. Plan no. 1. Contract No. 1534. Drawn by Arthur W. Bradley, Borough and Water Engineer, St.Helens.
- F27 Section of sewers for proposed houses in Windlehurst. Section shows 6 inch diameter sewer and manholes. Second section shows 9 inch diameter sewer and manhole. A third section shows 6 inch diameter sewers and 9 inch diameter sewer. Scale: horizontal 41.66 feet to 1 inch; vertical scale 10 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer, Town Hall, St.Helens.
- F28 Details of Housing Scheme. Shows back elevation, front elevation, section, first floor plan and ground floor plan. Includes 144 houses. Drawing No. 278/23/26. Drawn by Arthur W. Bradley, Borough Engineer, St.Helens Town

Hall. Includes copy.

- F29 Plan shows footpath in Robins Lane from Extension View to London and North Western Railway. Footpath widths were to be 5 feet 0 inches, 5 feet 2½ inches and 6 feet 0 inches. Shows Baxters Lane, Crouch Street, Allen Street, Lancots Lane, Waterdale Crescent, Oxley Street, Garnet Street, Harrison Street and Seymour Street. Scale: 41.66 feet to 1 inch. Drawn by Borough Engineer and Surveyor, Town Hall, St.Helens. No date.
- F30 Extension to Gamble Avenue and Carr Street. Longitudinal section shows Hard Lane to Gamble Avenue. Section shows Gamble Avenue to King Edward Road (Carr Street.) Includes proposed 9 inch surface water sewer. Scale: horizontal 51.66 feet to 1 inch: vertical 10 feet to 1 inch. No date.
- F31A Proposed balustrade and wrought iron railings to concrete gallery at Boundary Road baths. Shows sections. Sheet No. 7. Scale: 1 inch to 1 foot and ½ inch to 1 foot. Drawn by A.W. Bradley, Borough and Water Engineer, Town Hall, St.Helens, on 20 Mar 1925.
- F31B New concrete roof for filtration plan at Boundary Road baths. Shows longitudinal section and plan for cross section. Scale: ¼ inch to 1 foot. No date.
- F31C Proposed railing to concrete gallery at Boundary Road baths. Plan shows edge of gallery, oak rail and dimensions. Scale: 1 inch to 1 foot. Drawn by A.W. Bradley, Borough and Water Engineer, Town Hall, St.Helens. No date.
- F31D Plan of gentlemen's plunge bath at Boundary Road baths. Shows new reinforced concrete gallery. Scale: 8 feet to 1 inch. Sections show gallery. Scale: 2 feet to 1 inch. Drawn by Arthur W. Bradley, Borough and Water Engineer, Town Hall, St.Helens. No date.
- F31E Investigation of roof truss at Boundary Road baths. Includes plans of roof truss (numbered and labelled). Scale: ¼ inch to 1 foot. No date.
- F31F Details of wall at Boundary Road baths. Includes dimensions. No scale. No date.
- F31G Filtration plant at Boundary Road baths. Includes detail of outlet to concrete roof. Shows 2 inch diameter lead outlet, Pudlo cement floating, wooden plug, wooden box and 5½ inch diameter flange. Scale: 3 inches to 1 foot. No date.
- F32A Blueprint of Boundary Road baths. Includes details of reinforced concrete gallery and ladies' plunge pool. Feb 1925.
- F32B Blueprint of Boundary Road baths. Includes details of reinforced concrete gallery and steelwork. No date.
- F32C Blueprint of Boundary Road baths. Includes details of dressing boxes, and ladies' plunge pool. May 1924.

- F32D Blueprint of Boundary Road baths. Includes details of new glaze brick dressing boxes and gentlemen's plunge pool. Feb 1925.
- F32E Blueprint of Boundary Road baths. Includes proposed balustrade to concrete gallery. Mar 1925.
- F32F Untitled plan of part of Boundary Road baths. Feb 1925.
- F32G Blueprint of Boundary Road baths. Includes details of reinforced concrete gallery. Feb 1925.
- F33 Canal feeder through the recreational ground. Longitudinal section shows fitting of 3 foot diameter canal feeder from peg to beyond Boundary Road. Stone, pegs, 12 inch water main, 18 inch gas water main and 6 inch gas main are marked on section. Scale: horizontal 41.66 feet to 1 inch: vertical 10 feet to 1 inch. Dated 2 Mar 1900.
- F34 Covering of brook and extension of canal feeder. Plan shows new canal feeder, weir sluices and cills. Land was owned by London and North Western Railway. Includes elevation, sections and cross section. Scale: 4 feet to 1 inch. Contract No. 802. Drawing No. 4. Drawn by George J.C. Broom, Borough Engineer. No date. Includes copy.
- F35A Section showing invert for dry weather flow from end of brook covering peg to iron girder over centre of brook. Dated Mar 1900.
- F35B Covering of brook and extension of canal feeder. Shows section on lines. Natural scale: 10 feet to 1 inch. Contract No. 802. Drawing No. 3. Drawn by George Broom, Borough Engineer. No date.
- F35D Covering of brook and extension of land feeder. Plan includes 18 inch diameter sewer flush and sections. Scale: 4 feet to 1 inch. Contract No. 802. Drawing No. 5. Drawn by George Broom, Borough Engineer. No date.
- F36 Parliamentary and Improvement Committee. Improvement to Arthur Street. Plan shows Arthur Street, Brook Street, Westfield Street, Lowe Street, brook, ventilator and sewer (scale: 16 feet to 1 inch). Includes longitudinal section. (Scale: 16 feet to 1 inch). Contract No. 317. Drawn by James Hart, Borough Engineer, St.Helens in Jan 1883. Signed William Middlehurst, James Penketh and James Lathom on 4 Apr 1883.
- F37 Sewer in Derbyshire Hill Road. 12 inch pipe sewer and 4 feet 6 inch brick sewer were to be fitted from manhole No. 1 at Horse Shoe Inn to manhole No. 17 at the Borough Boundary. All property owners are listed. Scale: horizontal 41.66 feet to 1 inch: vertical 10 feet to 1 inch. Includes section. Contract No. 1282. Drawing No. 1. Submitted on 21 Sep 1910. Confirmed on 5 Oct 1910. Signed on 29 Mar 1911 by Robert Heaton, Robert D. Heaton, John Peter Morris and Richard Ellison.
- F38A Plan and section of Rainford Brook from Pocket Nook Brook syphon to Sankey Brook. No date.



- F38B Plan and section of Rainford Brook from Pocket Nook Brook syphon to Sankey Brook. No date.
- F38C Map of Rainford Brook and St.Helens Canal. Shows Gerards Bridge Alkali Works, Globe Alkali Works, McBryde's Works, Walkers Works and Baxter's land. May 1892.
- F38D Diagram showing Pocket Nook Brook siphon. Includes details of various water levels recorded at various dates from 1903-1919. 1919.
- F39A Drawing of the east elevation of an old arch carrying stream underground. Scale: 1 foot to ½ inch. Jun 1922.
- F39B Sutton Brook. Cross section of bed of stream as seen from west side of bridge. Shows intended deepening of brook and replacement on natural stream bed with concrete lining. Scale: 1 foot to ½ inch. Jun 1922.
- F39C Plan of railway bridge, near Parr Depot, carrying railway over Sutton Brook. Shows west and east elevation, plan above and below bridge and longitudinal section. Scale: 8 feet to 1 inch. Jun 1922.
- F41 Section of brook from Messrs Daghish's to London and North Western Railway. Includes Brookland Copper Works, canal, Warrington Old Road and Warrington New Road. Scale: horizontal 41.66 feet to 1 inch: vertical 10 feet to 1 inch. Laid before the Health Committee on 12 Feb 1890.
- F44 Intercepting sewer from Sprays Bridge to Warrington Old Road. Section shows Bridgewater Street, King Street, Liverpool Road, Tontine Street, Albion Street, Talbot Street, Lowe Street, Westfield Street, Water Street, Tontine Street, Market Street, Foundry Street, Salisbury Street, canal and Warrington Old Road. Shows brick sewers, manholes and ventilators. Scale: horizontal 41.66 feet to 1 inch: vertical 10 feet to 1 inch. No date.
- F45 Section shows 12 inch x 9 inch pipe sewers to be fitted from Warrington New Road to Warrington Old Road. Includes Hardshaw Brook, London and North Western Railway (Junction Branch and Ravenhead Branch). Scale: horizontal 41.66 feet to 1 inch: vertical 10 feet to 1 inch. Dated 28 Feb 1913.
- F47 Plan shows area of land of 1170 square yards (scale 41.66 feet to 1 inch). Includes sections. Drawn by Arthur W. Bradley, Borough and Water Engineer, Town Hall, St.Helens. Mar 1923.
- F48A Plan shows pressure filter, Duplex steam pump, ¾ inch wrought iron pipe, pump suction, ½ inch wrought iron return pipe from pump to storage tank, pump suction, soda storage, wooden platform to give access to dissolving tanks, delivery main from pump to filters, soda pump and alumina reflux valve, ½ inch wrought iron delivery pipe, copper funnel, 1 inch wrought iron pipe and 1 inch sludge with hose coupling. The Paterson Engineering Company Limited. Print No. 21463/A. Scale: ¾ inch to 1 foot. Date 20 Feb 1924. Includes copies dated 20 Feb 1924 and 29 Apr 1924.

- F48B Plan shows tank and pump suction. Includes dimensions. The Paterson's Engineering Company Limited. Print No. c/517. Scale: 6 inches to 1 foot. Dated 1 May 1924. Includes copies.
- F57 Proposed covering of Hardshaw Brook. Detail of culvert. Plan shows proposed covering. Includes dimensions. Scale: 1 inch to a foot. Drawn by Arthur W. Bradley, Borough Engineer. No date.
- G3A London and North Western Railway. Warrington Old Road. Plan of roads to be closed and formed by London and North Western Railway. Scale: horizontal 3 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- G3B+E Plan of Warrington Old Road and Warrington New Road. Includes reference to London and North Western Railway Company. Shows St. Helens Gas Works, Sutton Alkali Works and Mr. McKechnie's. No date. 2 copies.
- G3C London and North Western Railway. Warrington Old Road. Plan of roads to be closed and formed by London and North Western Railway. Scale: horizontal 3 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- G3D London and North Western Railway. Warrington Old Road. Plan of roads to be closed and formed by London and North Western Railway. Scale: horizontal 3 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- G9A Intercepting sewer. Elevation and section plan of steel tube. Includes details of joint between plates. Scale: 1 foot to 1 inch. Contract No. 509B. Drawing No. 6. Mar 1894.
- G9B Intercepting sewer. Plan of manholes 1 and 20. Section plan. Contract No. 509. ½ inch scale. Drawing No. 4. Jan 1890.
- G9C Plan of intercepting sewer over Rainford Brook. Contract No. 509B. Drawing No. 7a. No date.
- G9D Intercepting sewer. Section plan shows main carrier, tanks and efficient culvert. Scale: 1 foot to ½ inch. No date.
- G9E Intercepting sewer. Untitled diagram of brickwork and gates.
- G9F Intercepting Sewer. Section plan of culvert under Hardshaw Brook Works. Contract No. 509. Drawing No. 7. Jan 1890.
- G9G Intercepting Sewer. Details of steel tube for carrying sewer over Rainford Brook. Includes longitudinal section, half plan of coping, half plan of footings, block plan and sections. Contract No. 509/B. Drawing No. 5. Drawn by George J.C. Broom, Borough Engineer on 14 Mar 1894. Signed by Peter Tickle.
- G14A Eccleston Hall Sanatorium. Proposed new recreation room. Plan shows details of windows. Jan 1929.

- G14B Eccleston Hall Sanatorium. New concert hall. Plan shows proposed ventilation arrangements (including foul air exhaust). Scale: ¼ foot to 1 foot. May 1928.
- G14C Eccleston Hall Sanatorium. Blueprint of recreation room, school and concert hall. Plan shows proposed heating system. Includes plan of basement. Scale: 4 feet to 1 inch. May 1929.
- G17A Intercepting sewer. Detail of manhole No. 51. Plan of sewer. Includes dimensions. Scale: ½ inch. Copy sent to Mr. Middel in Feb 1890.
- G17B Intercepting sewer. Detail of manhole No. 42. Small diagram shows 15 inch pipes in Parr Street and Warrington Old Road and sewer. Scale: 4 feet to 1 inch. Stamped by the Borough Surveyor's department on 31 Jul 1890.
- G17C Intercepting sewer. Small plan shows manhole No. 45. Sep 1890.
- G17D Plan shows intercepting sewer. Detail of junction of Shaw Street and Raven Street. Section shows stone landing and stone invert. Scale: ¼ inch. Borough Surveyor's Department. 18 Nov 1890.
- G17E Detail of manhole No. 38. Plan shows centre lines. Sections show sewer and invert. Scale: ½ inch to 1 foot. Borough Surveyor's Department. 7 Mar 1891.
- G17F Diagram of intercepting sewer. Includes manhole No. 46. No scale. No date. Copy.
- G17G Plan of intercepting sewer. Includes manhole No. 46. Scale: ½ inch. No date. Copy.
- G17H Plan shows line of intercepting sewer from Ashcroft Street to east side of Park Road. Shows manholes and sewer to York Street East and Park Road. Includes brook, new line of brook and canal. Scale: 208.33 feet to 1 inch. Drawn by George J.C. Broom, Borough Engineer. No date.
- G17i Section shows mode of construction of main sewer in ground liable to swag from mining operations. Section of sewer shows blue brick in cement and red bricks in cement. Sections of main sewer through the shiny shaft show mode of protection. Scale: ¼ inch. No date.
- G17J Section of intercepting sewer shows bed canal. No scale. No date.
- G17K Sketch details of intercepting sewer. 1896.
- G17L Pencil sketch of sewer under canal at Ravens Head. Sep 1898.
- G17M Diagrams of sewer under canal. Includes plan of wall and west side of canal. 1896.

- G17N Diagrams of sewer under canal. Includes plan of wall and east side of canal. 1896.
- G17O Plan of intercepting sewer. 1896.
- G18A Description of contract of Messrs James Bridge (St.Helens) Limited, Steelwork to shed in Brown Street, St.Helens. Drawing No. 6578/4. Dated 28 Nov 31.
- G18B Description of contract of Messrs James Bridge (St.Helens) Ltd, Steelwork to new shed in Brown Street, St.Helens. Includes details of garage next to existing stables. Drawing No. 6578/2. Dated 30 Nov 1931.
- G18C Harry Peers and Company Construction Engineers, Bolton. Description of contract. Steelwork to new shed for Messrs James Bridge (St.Helens) in Brown Street, St.Helens. Drawing No. 6578/ Mark T3. Drawing No. 6578/8. Dated 1 Dec 1931.
- G18D Description of contract. Proposed building for James Bridge Limited, St.Helens. Includes plan of building. Shows roof covering and arrangement of windbracing, elevation of back of Gamble Institute, section through building, elevation on front of building and sections Drawing No. 6578/9. Dated 2 Dec 1931.
- G18E Gable next to Parr Mount Street. Drawing No. 6578/3. 1931.
- G18F Harry Peers and Company Constructional Engineers, Bolton. Foundation plan and block plan. Shows proposed shed and existing building in Brown Street, existing stable in Parr Mount Street and existing premises adjacent to Parr Mount Street. Drawing No. 6578/1. No date.
- G18G Harry Peers and Company, Construction Engineers, Bolton. Description of contract. Messrs James Bridge Limited. St.Helens. Steelwork to new shed in Brown Street. Includes outside elevation of front of building and detail of cross brace. Drawing No. 6578/6. No date.
- G18H Description of contract. Messrs James Bridge Limited, St.Helens – Steelwork to new shed in Brown Street. Includes plan of wind bracing. Drawing No. 6578/5. No date.
- G18I Steelwork for new shed in Brown Street for Messrs James Bridge Limited. Blueprint shows fastening arrangements for sliding doors, top of doors, top track, pulley connections and position of bolts and rivets. Drawn by Harry Peers Company, Constructional Engineers, Bolton. No scale. No date.
- G19 Sections of tram rail and plate. Detail of drilling for fishing and electric bonds shows centre line of fish bolt holes, butt joint and bond hole. Includes details of tie bar holes for various rail lengths and detail of slot hole. Stamped by Steel, Peech and Tozer Limited, Sheffield, 31 Aug 1922.
- G20 Section of Sutton Brook from Gaskell Street to the London and North West-

ern Railway Bridge. Shows water level. Includes cross section from Sutton Road to Fleet Lane. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated 23 Feb 1921.

- G23A Details of iron girder for Bishop Bridge. Section and part elevation show girder and rivets. Plan refers to top and bottom plates and cover plates. Scale: 1 inch to 1 foot. Jul 1878.
- G24A Pencil sketch of bandstand. No date.
- G24B County Borough of Southport. Plan of roof structure of bandstand for Municipal Gardens. Drawing No. 2. Scale ½ inch to 1 foot. Mar 1913.
- G24C Plan for bandstand. Includes elevation and roof plan. No date.
- G24D Sketch plan of proposed bandstand. Includes cross section and estimated cost. Scale: ¼ inch to 1 foot. No date.
- G24E Plan for proposed bandstand in Victoria Park. Includes approximate cost for bandstand and screens. Scale: ⅛ inch to 1 foot. No date.
- G24F Drawings of proposed bandstand in Victoria Park. Scale: ⅛ inch to 1 foot. No date.
- G24G Drawing of flat roof for proposed bandstand in Victoria Park. Plan No. 2514. Scale: 6 feet to 1 inch. No date.
- G24H Manchester Corporation. Plans for bandstand in Cringle Fields. Includes drawings of flat roof. No date.
- G26A Section of map from Brown Edge to St.Helens Town Centre. Includes Union Chemical Works, Smarts Row, Union Plate Glass Works, Gerard Bridge Chemical Works, London and North Western Railway, St.Helens Railway, St.Helens Canal, Glass Works, Sherdley Park, London and North Western Railway General Store and Sheeting Works, Parr Moss, Sutton Moss, Derbyshire Hill and Haresfinch. Scale: 6 inches to 1 statute mile. No date.
- G26B Intercepting sewer. Small scale plan of Borough of St.Helens drainage areas. Plan shows area of land from Sutton Heath to Cowley Hill. Includes London and North Western Railway, Sutton Glass Works, Union Plate Glass Works, Sutton Moss, Parr Moss, Blackbrook, Dentons Green and Windle. Scale: 6 inches to 1 statute mile. No date.
- G28 Plan of proposed public hall for Horbury Urban District, Yorkshire. Includes shrubbery, gents' cloak room, town hall, spare room, committee room, platform and retiring rooms. Scale: 8 feet to 1 inch. No date.
- G29 Details of rock cuttings. No scale. No date.
- G31 Section shows sewer from Warrington New Road to Boardmans Lane. Includes Hardshaw Chemical Works, Langtree Street, refuse tip, Alkali Works,

junction of Sutton Brook, storm overflow, Ashcroft Bridge, invert of culvert, recreation ground, junction of Rainford Brook, water level and hard and soft beds. Scale: horizontal 1/2500; vertical 4 feet to 1 inch. 6 Apr 1911.

- H1 Plan, longitudinal sections and cross sections show improvements to Sutton Road. Includes Peasley Cross Station and London and North Western Railway line (Broad Oak Branch). Scale: horizontal 41.66 feet to 1 inch. Apr 1889.
- H2 St.Helens Corporation (Water) 1882. Aqueduct No. 2. Longitudinal sections show Moss Lane, New Road, Longborough Road, Ram Fold Lane, Catchall Moss Lane, Gillars Lane, Burrows Lane, a private road and Eccleston Lane. Jan 1883.
- H3 Plan, longitudinal and cross sections show proposed reconstruction of Sherdley Road bridge. Cross section shows make-up of road surface. Dimensions are included. Details of troughing show riveting. Scale: plan 1/500; sections 1 foot to ½ inch and 1 foot to 3 inches. No date.
- H5A Plan and section shows improvement from Gaskell Street to Sutton Road. Boundary is edged in green. Includes Peasley Cross Station and Langtree Street. Longitudinal section is shown. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Dated 21 Feb 1905.
- H5B Plan shows improvements from Gaskell Street to Sutton Road. Shows Appleton Street, Peasley Cross Station and Langtree Street. Includes longitudinal section and cross section. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Drawn by Borough Engineer. 8 Apr 1904.
- H7 Plan shows Eccleston and St.Helens main road from Urban District of Prescott to Pumping Station. Includes cross section. Shows approximate building line. Scale: plan 208.33 feet to 1 inch; longitudinal section 41.66 feet to 1 inch; cross sections 8 feet to 1 inch. No date.
- H8A Plan of Boundary Road, Lingholme Road, Dilloway Street and Horace Street. Includes baths in Boundary Road. Scale: 41.66 feet to 1 inch. Contract No. 797. Drawing No. 1. Drawn by George Broom, Borough Engineer. No date.
- H8b Longitudinal sections of Dilloway Street, Horace Street, Lingholme Road and Boundary Road. Scale: 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Contract No. 797. Drawing No. 2. Drawn by George Broom, Borough Engineer. No date.
- H8C Longitudinal sections of Horace Street, Lingholme Road, Boundary Road, and Dilloway Street. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Contract No. 797. Drawing No. 2. Drawn by George Broom. No date.
- H9 Longitudinal section of Dilloway Street from corner of Hanover Street to corner of tramway, Dentons Green Lane. Scale: 1/500. No date.

- H10 Survey of land at Gerards Bridge. Plan includes road, kerb, sewage, man-holes and measurements. No scale. No date.
- H11 Plan of Lea Green Road, Sutton. Shows intended level of road, 12 inch diameter surface water sewer, line of road, line of kerb and centreline of bridge. Scale: 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- H12 Map of St.Helens and area. Includes Prescott, Rainhill, Eccleston, Windle, Blackbrook, Haydock, Burtonwood and Winwick. Scale: 6 inches to 1 mile. Surveyed in 1891 and 1892. Published in 1894. Printed in 1895.
- H13 Plan shows 9 inch water main, 6 inch pipes, 6 inch clinkers, 2 inch cinders and 2 inch ashes. Scale: ½ inch to 1 foot. No date.
- H14 St.Helens Water Works. Arrangement of pit work. Longitudinal and cross sections. Scale: ¼ inch to 1 foot; ½ inch to 1 foot. Signed by D.M. Gaskin. Stamped by Hathorn, Davey and Company, Engineers, Leeds. Dated 24 Nov 1889.
- H15 Highway and Paving Committee. Plan and section shows Ann Street and portion of Traverse Street. No scale. No date.
- H16 Plan of Sharp Street and Higher Parr Street. Showing tramlines from junction with Shaw Street to Fingerpost. Scale: 41.66 feet to 1 inch. Aug 1899.
- H19 Plan shows Windle ward, Cowley Hill, Gerards Bridge, South Windle ward and Hardshaw Ward, St.Helens Plate Glass Works, Gerards Bridge Chemical Works, Union Plate Glass Works, Globe Alkali Works, London and North Western Railway (St.Helens line), St.Helens Canal, Union Chemical Works, Rainford Brook, Island Brow, Oil and Tallow Works and Victoria Park. Scale: 25.344 inches to 1 statute mile. First edition. 1894.
- H20 Plan shows arrangement of foundations of St.Helens Water Works. Alterations are underlined in red. Includes hole for air pump discharge. Dimensions are included. Scale: ¼ inch to 1 foot. Stamped by Hathorn, Davey and Company Limited, Engineers, Leeds. Dated 22 Nov 1893.
- H22 Plan of ferro-concrete construction (Hennebique System) for Blackbrook Bridge. Site plan shows existing tram tracks and new tram tracks, chase (8 inches x 8 inches) to be cut into existing abutments and dimensions. Includes elevation, cross section and section. Scale: 10 feet to 1 inch and 8 feet to 1 inch. Plan No. 1. Drawn by L.G. Houchel and Partners Limited, Civil Engineers. 38 Victoria Street, Westminster, London. Dated Jun 19 1925.
- H23 Section shows Reeves Street and Edmondson Street. No scale. No date.
- H24A Blueprint of Leeds Housing Scheme, Meanwood site, Class A, north aspect. Includes north and south elevations of terraced houses, plans of ground and first floors and cross section of rooms. Drawing No. 107. Scale: 4 feet to 1 inch. No date.

- H24B Blueprint of Leeds Housing Scheme, Meanwood site, Class B, north aspect. Includes north, west and south elevations of terraced houses plans of ground and first floors and cross section of rooms. Drawing No. 109. Scale: 4 feet to 1 inch. No date.
- H24C Blueprint of Leeds Housing Scheme, Meanwood site, Class A, south aspect. Includes south, north and west elevations of terraced houses plans of ground and first floors and cross section of rooms. Drawing No. 106. Scale: 4 feet to 1 inch. No date.
- H24D Blueprint of Leeds Housing Scheme, Meanwood site, Class A, north aspect. Includes north, south and west elevations of terraced houses, plans of ground and first floors and cross section of rooms. Drawing No. 105. Scale: 4 feet to 1 inch. No date.
- H24E Blueprint of Leeds Housing Scheme, Meanwood site, Class A, south aspect. Includes south, north and east elevations of terraced houses plans of ground and first floors and cross section of rooms. Drawing No. 108. Scale: 4 feet to 1 inch. No date.
- H25A Map shows Colliery subsidence in St.Helens Borough, 1881-1906. Scale: 1 mile to 6 inches. 1906. 5 copies.
- H26A Plan shows area of land in Fry Street. Includes Broad Oak Road, Reeves Street, Edmondson Street and London and North Western Railways (Blackbrook and Havannah branch). Scale: 208.33 feet to 1 inch. Dated 3 Dec 1900.
- H26B Plan shows area of land in Fry Street at side of London and North Western Railway and London and North Western Railway (Blackbrook Branch). Includes Broad Oak Road, Edmondson Street and Reeves Street. Scale: 41.66 feet to 1 inch. No date.
- H27 Plan of Lingholme Road, Horace Street, Dilloway Street, and Boundary Road around Queens Recreation ground. Scale: 41.66 feet to 1 inch. No date.
- H28 Ordnance Survey map of Portico, Brown Edge, Rainhill and Sutton Heath. Includes the County Lunatic Asylum. Lancashire Sheet CV11. Surveyed 1891. Published 1893.
- H29 Plan of area of land in Fleet Lane. Scale: 1/500. No date.
- H31 Plan shows land in Lingholme Road, Boundary Road, Horace Street and Dilloway Street. Includes Drake Street baths. Scale: 41.66 feet to 1 inch. No date.
- H33 Floor plan of St.Helens Water Works. Scale: ½ inch to 1 foot. Stamped by Hathorn, Davey and Company, Engineers, Leeds. Signed by Mr. Gaskin on 19 May 1885.



- H34 Plan of covered Market, Market Hall, Church Street, Exchange Street, Naylor Street, Tontine Street, Bridge Street, Billiard Hall, Nelson Arms and Picturedome. Scale: 20 feet to 1 inch. No date.
- H35 St.Helens Water Works. Shows compound differential vertical pumping engine and arrangement of foundations. Signed by D.M. Gaskin on 3 Mar 1885.
- H36 Plan of proposed covering of Windle Brook (Green Street). Includes section, cross section and detail of arch. Scale: 20 feet to 1 inch. Contract No. 1375. Drawn by Borough Engineer and Surveyor, St.Helens. No date.
- H37A Improvement of Prescott Road from Lugsmore Lane to Borough Road. Includes cross sections. Scale: plan 41.66 feet to 1 inch; cross section horizontal 30 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- H37B Improvement of Prescott Road from Eccleston Water Works to Owen Street and Lugsmore Lane. Road was to be widened and resurfaced with 9 inches of hand pitched hardcore and 4 inches of tarmacadam. Includes cross sections. Scale: 41.66 feet to 1 inch. No date.
- H37C Improvement of Prescott Road from Eccleston Water Works to the Sycamores on the corner of Lugsmore Lane and Owen Street. Road was to be widened and 2 areas were to be cut back by 96 square yards at the Sycamores. Includes cross sections. No scale. No date.
- H37D Improvement of Prescott Road from Lugsmore Lane to Borough Road. Road was to be widened. Scale: 41.66 feet to 1 inch. No date.
- H38 Plan of Parr Street (from St.Helens to Parr and Peasley Cross). Scale: 4 feet to 1 inch. No. 245. Dated 24 Aug 1906.
- H39 Sketch plan shows proposed extension of Borough and the division, thereof into wards. Includes proposed recreation grounds as a permanent memorial to Queen Victoria's Diamond Jubilee. Includes North Windle, South Windle, North and South Eccleston, Hardshaw Central, Parr and West and East Sutton. Scale: 3 inches to 1 mile. Drawn by George J.C. Broom, Borough Engineer. 1893.
- H41 Section shows sewer in College Street from manhole opposite Strickland Street to railway bridge of London and North Eastern railway. No scale. No date.
- H44A Plan of tram car track in Dentons Green Lane at its junction with Rainford Road, Hard Lane, Greenfield Road and Kiln Lane. Scale: 8 feet to 1 inch. Jan 1899.
- H44B Drawing of tram car track in Dentons Green Lane at its junction with Rainford Road, Hard Lane, Greenfield Road and Kiln Lane. Scale: 1/20. No date.

- H45A – M Plan of layout and boundary of Sutton Park. Shows the main entrance at the junction of Marshalls Cross Road and Robins Lane. Scale: 41.66 feet to 1 inch. Oct 1902.
- H46 Plan of proposed recreation ground at Parr. Shows waste and drain pipes serving the recreation ground and Regent Street and Dudley Street. Scale: 41.66 feet to 1 inch. Feb 1902.
- H47A Longitudinal sections of Queens Recreation Ground show Dilloway Street, Lingholme Road and Horace Street. Contract No. 797. Drawing No. 2. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. Sep 1889.
- H47B Plan of layout and boundary of Queens Recreation Ground. Shows Dilloway Street, Lingholme Road and Horace Street. Contract No. 797. Drawing No. 1. Scale: 41.66 feet to 1 inch. Sep 1899.
- H50A Plan of proposed layout of Recreation Ground, No. 1. Shows site between Lingholme Road, Horace Street, Dilloway Street and Boundary Road. Includes cricket pavilions, lodge, tennis ground, bandstand, bowling greens and reservoir. Drake Street baths are also shown. Scale: 41.66 feet to 1 inch. Drawn by George J.C. Broom, Borough Engineer. No date.
- H50B Plan shows proposed layout of Recreation Ground No. 2. Shows site between Lingholme Road, Horace Street, Dilloway Street and Boundary Road. Includes bowling greens, lodge, tennis ground, shelters, cricket ground, band stand, football ground, cycle track and reservoir. Drake Street baths are also shown. Scale: 41.66 feet to 1 inch. No date.
- H50C Plan shows proposed bowls and tool house for the Queens Recreation Ground. Includes elevation, cross section, end elevation and longitudinal section. Scale: 4 feet to 1 inch. Contract No. 924. Drawn by George J.C. Broom, Borough Engineer. No date.
- H52 Plan of park gates. Includes elevation (scale  $\frac{3}{4}$  inch to 1 foot) and plan (scale  $\frac{1}{4}$  inch to 1 foot). No date.
- H54A Plan of recreation ground in Parr. Includes 9 inch sewer, agricultural drain, fitting of 6 inch drain and manholes, existing 6 foot diameter intercepting sewer, tool house and urinal. Shows Ashcroft Street, Baxter Street, Twyford Street and Marsh Street. Drawn by Borough Engineer. Dec 1901.
- H54B Plan and sections of recreation ground in Parr. Shows fitting of 9 inch pipe sewer. Scale: horizontal 41.66 feet to 1 inch; vertical 10 feet to 1 inch. No date.
- H54C Plan and sections of Parr recreation ground. Shows Regent Street, Marsh Street, Prospect Road, Traverse Street, Ashcroft Street, Dudley Street, Twyford Street, Park Street, Park Road, Williamson Street, Johnson Street, Ross Street and Waine Street. No scale. No date.

- H54D Sections of Parr Recreation Ground. Includes paving of Williamson Street and Ross Street. No scale. No date.
- H54E Land between Regent Street and Sankey Brook. No scale. No date.
- J1A Plan shows the buildings and side elevations of tramway depot. Contract No. 759A. Drawing No. 2. No scale. No date.
- J1B Plan shows end and back elevation of tramway depot. Contract No. 759A. Drawing No. 4. No date.
- J1C Plan of steel work in roof of tramway depot. Contract No. 759A. Drawing No. 4. No date.
- J1D Plan of steel work in roof of tramway depot. Contract No. 759A. Drawing No. 5. No date.
- J2 A – E Plan of tramway at the junction of Church Street and Shaw Street. Scale: 8 feet to 1 inch. Oct 1912. 5 copies.
- J2F Plan of tramway at the junction of Church Street and Shaw Street. Includes building on corner containing 2 shops and billiard rooms. No date.
- J2G Untitled rough diagram of tramway.
- J2H Plan of tramway at the junction of Church Street and Shaw Street. Scale: 8 feet to 1 inch. Oct 1912.
- J3 Map shows tramways along Peasley Cross Road, Warrington New Road, Raven Street, Church Street, Ormskirk Street, Corporation Street and Shaw Street. No date.
- J4A Plan for proposed inspection pits and details of existing inspection pits at the tramway depot, Parade Street. No date.
- J4B Plan of pits in relation to existing drains at the tramway depot, Parade Street. No date.
- J5A Details of steel roof for proposed electric tramcar sheds. 1895.
- J5G Plan of back, front and side elevation of tramcar sheds. Sep 1898.
- J6 Map shows tramways and railway lines throughout the Borough of St. Helens. No date.
- J7 Details for tramway reconstruction in Eccleston Grange. No date.
- J8A Plan and elevation of tramway depot. Includes detail of interior for proposed paint shop. Contract No. 1299. Aug 1911.
- J8B Plan for proposed paint shop in the tramway depot. No date.

- J9A Map shows tramway along Prescott Road from its junction with Grange Park Road to its junction with Queens Road. No date.
- J9B Map shows tramway along Prescott Road from its junction with West Park Road to junction with Boundary Road and from Kings Road junction to Dunriding Lane. No date.
- J9C Map shows tramway along Liverpool Road from junction with Prescott Road to junction with Liverpool Street and from junction with Arthur Street and Bridge Street to junction with Ormskirk Street and Church Street. No date.
- J9D Map shows tramway along Westfield Street from its junction with Prescott Road to its junction with Ormskirk Street. No date.
- J9E Tramway along Church Street. No date.
- J10A Tramways. Map of shows width between kerbs in Borough Road. Scale: 41.66 feet to 1 inch. Jun 1922.
- J10B – C Tramway. Map shows width of Borough Road. No date.
- J12 General railway and tramway. Blueprint of rail joint in section. No date.
- J13 St.Helens Corporation Tramways. Blueprint of general arrangement of engines, dynamos, switchboards and condensing plant. No date.
- J14 Liverpool Corporation Tramways. Details of rails. No date.
- J15 Plan shows Parr Recreation Ground, Recreation Street, Dudley Street, intercepting sewer, overflow, Sankey Brook, Baker Street, Twyford Street, Pickmere Street, Williamson Street, Johnson Street, Ross Street, Waine Street, bowling green, fountain, pavilion and cabin. Scale: 41.66 feet to 1 inch. Drawn by Borough Engineer. Dated 24 Aug 1908.
- J16a Plan of Parr Recreation Ground. Section shows Prospect Road. No date.
- J16b Parr Recreation Ground. Plan shows ownership of land by Messrs. E. R. Pickmere and T. W. Pickmere and land leased to John Quirk. Mar 1915.
- J16c Pencil drawing of Parr Recreation Ground. Plan shows ownership of land by Messrs. E.R. Pickmere and T.W. Pickmere and land leased to John Quirk. 1914.
- J16d Map of the late William Tickle's Estate. Includes property in Ashcroft Street. Shows names of people who leased land and rent paid by them. No date.
- J16e Boundary of the late William Tickle's estate. Includes property in Ashcroft Street. Jul 1914.
- J16f-i Boundary of part of William Tickle's estate. No date. 4 copies.

- J16j Untitled drawing of structure by a brook. Aug 1901.
- J16k Plan of property owned by Messrs. Pickmere, Parr Recreation Ground. Jan 1916.
- J16L Rough sketch from map of the tithe of United Alkali Company. No date.
- J16m Note from Peter Tickle concerning land for recreation ground at Parr. Apr 1900.
- J17 Plan of wrought iron fencing around gymnasium in Parr Recreation Ground. Contract No. 121. Aug 1908.
- J18a Plan and elevation show piers for wrought iron gates for Parr Recreation Ground. No date.
- J18b Plan of wrought iron ornamental gates for entrance to Parr Recreation Ground. No date.
- J18c Notes on costing of gates and pillars for Parr Recreation Ground. No date.
- J18d Costing of gates and pillars for Parr Recreation Ground. No date.
- J19a Plan of wrought iron self adjusting, un-climbable railing and gates for Parr Recreation Ground. No date.
- J20a St.Helens Park. Blueprint for proposed wrought iron fences. Drawing No. 6221. Scale: 1 foot to 1 inch. Mar 1901.
- J20b Proposed gate piers, Parr Recreation Ground, shown in plan and elevation. Scale: 1 foot to 1 inch. Mar 1901.
- J21a Drawing of gates at Gaskell Park. Scale: 1 inch to 1 foot. Includes small piece of paper stating prices involved. 27 Feb 1901.
- J21b Plan shows gates of Gaskell Park in Fry Street. Shows centre of 4 foot gate, centre of 8 foot gate (at Reeves Street) centre of 8 foot gate (at Edmondson Street) and centre of 4 feet gate. Scale: 41.66 feet to 1 inch. 1901
- J23a Sketch shows wrought iron gates for Parr Recreation Ground. Scale:  $\frac{3}{4}$  inch to 1 foot. Sketch No. 10823. Stamped by Borough Engineers Department, St.Helens Dated 7 Apr 1904.
- J23b Plan of proposed railings around bowling green of Parr Recreation Ground. Shows 4 inch x 4 inch posts and 9 foot railings. Scale: 1 inch to the foot. Includes section. Drawn by Borough Engineer. No date.
- J24a Plan of the sewers and drains serving Gaskell Park. Contract No. 968. Drawing No. 1. Jan 1903.

- J24b Long section drawing shows inclination and sewers of Gaskell Park. Contract No. 968. Drawing No. 2. Jan 1903.
- J24c Gaskell Park. Plan and section show agricultural drain, section of walks and detail of manhole. Contract No. 968. Drawing No. 3. Jan 1903.
- J24d Plan of the sewers and drains serving Gaskell Park. Contract No. 968. Jun 1901.
- J25 Gaskell Park. Plan shows Broad Oak Road, Fry Street, Reeves Street, Edmondson Street, London and North Western Railway (Broad Oak and Blackbrook branches). Scale: 41.66 feet to 1 inch. Includes total quantity of estate sold to Railway Company. No date.
- J27a-b Plan shows footpaths and sewers in Gaskell Park. Scale: horizontal 41.66 feet to 1 inch: vertical 10 feet to 1 inch. Feb 1908. 2 copies.
- J28a Details of Cowley Park. Includes plan and elevation of Rutland Street. Scale: 2 feet to 1 inch. Drawn by Borough Surveyor. No date.
- J28b Details of Cowley Park. Includes front elevation, back elevation and floor plans. No scale. No date.
- J28c Details of Cowley Park. Includes front elevation and elevation of roof and floor. Plan shows semi-arch and wash house. 2 separate pencil sketches show part elevation of roof. No date.
- J28d Details of Cowley Park. Includes elevation of roof and ground plans. Scale: horizontal 4 feet to 1 inch. Drawn by Borough Surveyor. No date.
- J29 Design for lodge in Cowley Hill Park. Shows front and side elevation and ground plan. Scale: 98 feet to 1 inch. No date.
- J30 Blueprint of proposed wrought iron fencing for St.Helens Park. Drawing No. 6221. Scale: 1 foot to 1 inch. No date.
- J31 Proposed wrought iron unclimbable railing for St.Helens Park. Scale: 1 inch to 1 foot. Drawn by Bayliss Jones and Bayliss, Victoria Works, Wolverhampton. Drawing No. 6214. No date.
- J32 Design for railings for St.Helens Park. Scale: 1 inch to 1 foot. No date.
- J33a Design for ornamental park gates for unspecified park. Shown in plan and elevation. Includes specifications and cost. Drawing No. 6217. Scale:  $\frac{3}{4}$  inch to 1 foot. Sep 1898.
- J33b Modified design of railing. Drawing No. 6879. Scale:  $\frac{3}{4}$  inch to 1 foot. Jul 1899.
- J34a-b Plans show the position of shelter and bowls house in relation to Hardshaw Playing Fields. Drawing No. 1. Scale: 41.66 feet to 1 inch. No date.

- J34c-d Hardshaw Playing Fields. Proposed shelter and bowls house shown in plan, elevation and section. Drawing No. 2. Scale: 8 feet to 1 inch. No date. 2 copies.
- J36a Longitudinal section and cross section show sewers under Queens Recreation Ground. Includes details of syphon under canal feeder. Drawing No. 2. Scale: horizontal 41.66 feet to 1 inch; vertical scale 10 feet to 1 inch. No date.
- J36b Longitudinal section and cross section show sewers under Queens Recreation Ground. Drawing No. 3. Scale: horizontal 41.66 feet to 1 inch; vertical scale 10 feet to 1 inch. No date.
- J36c Queens Recreation Ground. Plan of bandstand in relation to walkways. Scale: 1/500. Oct 1925.
- J37a Plan of proposed bowls house and tool house in Queens Recreation Ground. Includes elevation, longitudinal section and cross section. Contract No. 924. Scale: 4 feet to 1 inch. No date.
- J37b Plan, section and elevation of proposed wind-screens for bowls house in Queens Recreation Ground. Includes plan of interior. Scale: 4 feet to 1 inch. No date.
- J38a Drawing of wind-screens for bowls house of Queens Recreation Ground. No date.
- J38b Bowls house of Queens Recreation Ground. Includes diagrams of proposed seating. Scale: 1 foot to 1 inch. No date.
- J38c Plan, elevation and section of proposed wind-screen for bowls house in Queens Recreation Ground. Includes plan of interior of house. Scale: 4 feet to 1 inch. No date.
- J39 Plan, section and elevation show proposed railings around bowling green in Queens Recreation Ground. Scale: 1 inch to 1 foot. Sep 1901.
- J40a Plan shows streets surrounding Queen's Recreation Ground. No date.
- J40b Drawing of bandstand in Queen's Recreation Ground. No date.
- J41 Drawing of bandstand in Queen's Recreation Ground. Aug 1900.
- J42 Plan and section of urinal water closet in Queen's Recreation Ground. Includes elevation drawings. Jul 1903.
- J43 Drawing of wrought iron fencing for Queen's Recreation Ground. Includes specifications. No date.
- J44a Plan and elevation of gates, railing and main entrance of Queen's Recre-

- ation Ground. Contract No. 797. Drawing No. 3. No date.
- J44b Drawing of bandstand and urinals for Queen's Recreation Ground. No date.
- J44c Wrought iron gates and unclimbable railings for Parr Recreation Ground and Gaskell Park. Includes plan, section and elevation of tool house. No date.
- J44d Plan and elevation of proposed railings around bowling green of Queen's Recreation Ground. No date.
- J45 Plan shows gates and lodge of Queen's Recreation Ground. No scale. No date.
- J46a Plan shows setting out of front wall for St.Helens Park (Queen's Recreation Ground). Includes front gates and pillars. Plan drawn by Bayliss Jones and Bayliss, Victoria Works, Wolverhampton. Drawing No 7334. Scale: 1.1 inches to 16 feet. No date.
- J46b Plan for entrance to St.Helens Park (Queens Recreation Ground). Includes measurements around the park gates. ¼ inch scale.
- J48 Plan of bowling greens and proposed bowls house of Queen's Recreation Ground. No date.
- J49 Plan of sewers in Queen's Recreation Ground. Drawing No. 1.
- J50a Longitudinal section of Queen's Recreation Ground. No date.
- J50b Section showing details of sewers in Queen's Recreation Ground. Includes details of syphon under canal feeder. Drawing No. 2. No date.
- J50c Plan of sewers under Queen's Recreation Ground. No date.
- J51 Plan shows site of Queen's Recreation Ground between Lingholme Road, Dilloway Street, Horace Street and Boundary Road. Includes proposed bowling greens and sewerage systems. 4 inch sewers ran to centre of ground. Shows flag pole, Peter Street, Campbell Street, Virgil Street and Cambridge Road. Scale: 41.66 feet to 1 inch. Dated May 22 1901.
- J54c Proposed site for public park in Sutton. No date.
- J54b Plan of proposed site for public park in Sutton. No date.
- J55 Plan and elevation of gate post for main entrance of unidentified park. Contract No. 797. Drawing No. 3. No date.
- J56 Plan of standard Anderson shelter. Scale: 1 inch to 1 foot. Ministry of Works. Jul 1945.
- J57 2 sections of intercepting sewer, plan of manhole No. 10, 4 sections and



plan of manhole No. 14 and bell-mounted junction and 2 sections and a plan of manhole Nos. 15-27.

- J58 Plan of Rainhill to Windle arterial road. Shows part of section No. 2 along Scholes Lane to Nutgrove Road. No date.
- M11a Plan and sections of Boundary Road and Prescott Road. Shows fitting of 18 inch pipe sewers, 9 inch and 12 inch gullies, ventilators and manholes from Lugsmore Lane to Croppers Hill and Boundary Road. Shows Carriage Drive and Underhill Road. Includes the Eccleston Arms public house. Property owners are shown. Includes calculation of frontages and longitudinal section. Scale: horizontal 44 feet to 1 inch: vertical 10 feet to 1 inch. Contract No. 255. Drawn by James Hart, Borough Engineer. 2 Apr 1881.
- RM1 Highway and Paving and Sewering Committee. Key plan of sewerage in Thatto Heath. Scale: 132 feet to 1 inch. Drawn by James Hart, Borough Engineer. Dated May 1880.
- RM2 Highways and Paving Committee. 3 sections, longitudinal section, elevation and 3 plans of proposed new bridge in Boardmans Lane, Parr. Scale: 16 feet to 1 inch. No date.
- RM3 Block plan of arterial road from Rainhill to Windle. Section No. 4. Prescott Road to Borough Boundary. Scale: 41.66 feet to one inch. No date.
- RM4 District plan shows roads proposed to be closed by the London and North Western Railway Company. Scale: 100 feet to 1 inch. Drawn by James Hart, County Surveyor. No date.
- RM5 Details of tramway track to be taken up and new track to be laid for St.Helens Junction. Includes Warrington New Road. Peasley Cross Lane, Marshals Cross Road and Robins Lane. Scale: 41.66 feet to 1 inch. Signed by Arthur W. Bradley, Borough and Water Engineer. Dated May 1921. 2 copies.
- RM6 Plan and sections of Langtree Street from junction with Sarogold Street. 7 cross sections show various heights of datum line. Longitudinal section shows gradients. Scale: horizontal 41.66 feet to 1 inch: vertical 10 feet to 1 inch.
- RM7 St.Helens Corporation Transport. Application to Ministry for revised authorised maximum speeds on trolley bus routes. Map of route. Scale: 10 chains to 1 inch. Date 1929.
- RM8 Improvement to Eccleston Lane. Sections show present and intended levels of road and new sewer. Scale: 44 feet to 1 inch. Drawn by James Hart, Borough Engineer. Date Mar 1880.
- RM9 Longitudinal section of Robins Lane intercepting sewer. Scale: 41.66 feet to one inch. No date.

- Misc Plan rolled No. 1 Specifications of works to be undertaken by Peter Middlehurst for the St.Helens Improvement Commissioners, regarding the building and completion of a sewer in Peter Street and the fitting of grids. Dated 12 Nov 1851.
- Misc Plan rolled No. 2 Specification and schedule of the various fittings required in the library portion of the Gamble Institute, St.Helens, by Briggs and Wolstenholme, architects. Handwritten specification and inventory of all materials and their costs.
- Misc Plan rolled No. 4 Electricity Department. Plan of area of supply. Includes Rainford, Windle, Eccleston, Burtonwood, Bold and St.Helens. No date.
- Misc Plan rolled No. 5 Ordnance Survey Map. Includes Crank, Rainhill, Eccleston and Bold. Scale: 6 inches to 1 mile. No date.
- Misc Plan rolled No. 6 Libraries Committee. Proposed Branch Library in Carr Mill, East Lancashire Road Estate. Shows elevation, rear elevation, elevation and ground floor plan. Drawing No. 10397. Scale: 1/8 inch to 1 foot. Dated Mar 1953.
- Misc Plan rolled No. 9a Series of five rubbings from headstones. William Cross of Denton Green, (died 30 Mar 1817, aged 74) and Sarah his wife, daughter of James Allanson of Wavertree (died 25 Jul 1815, aged 52). Also their son John Cross and his wife Catharine, daughter of Thomas Snape (died 1850 and 1859 respectively). Also their daughter Sarah Anne (died 24 Jan 1871 aged 45) and her husband Joseph Eccles of Southport (died 15 Nov 1870, aged 51).
- Misc Plan rolled No. 9b Rubbing from headstone. In Loving Memory of William Windle Pilkington who died 15 Mar 1914, aged 74 years. Also Sarah Louisa his wife, who died 17 Jan 1931, aged 85 years.
- Misc Plan rolled No. 9c Rubbing from headstone. Reverend John Edmonds, formerly a missionary in India and afterwards successfully a Pastor of the Church assembling in Hope Chapels, Shetton and of that Worshipping within these walls. Here he exercised his Ministry with much affection and fidelity for sixteen years and fell asleep in Jesus on Sabbath evening Mar 21 1858, aged 59 years. Also John George, eldest son of above, died 15 Jun 1856, aged 31 years.
- Misc Plan rolled No. 9d Rubbing from headstone. In Memory of Sarah Lilly, the beloved wife of James Cross. Born at St. John New Foundland, 21 Sept. 180? Died in Lowton in this county, 31 Jan, 1828.
- Misc Plan rolled No. 9e Rubbing from headstone. In Loving Remembrance of Richard Allanson Gaskell Surgeon, died Jan 4 1913, aged 84.
- Misc Plan Rolled No. 9f Rubbing from headstone. In Memory of James Cross, son of William and Sarah Cross, of Denton's Green. Born Jan 30 1793. After residence of 11 years at St. Johns New Foundland, he embarked Dec 22 1828 in the Matilda for Liverpool, which is supposed to have foundered at sea in a gale of

wind about the 28 or 29 of the same month.

- Misc Plan  
Rolled No.  
9g Rubbing from headstone. In Loving Memory of Richard Austin Pilkington who died Apr 19 1951, aged 80 years, and of his wife Hope Pilkington, who died Apr 10 1947, aged 70 years.
- Misc Plan  
Rolled No.  
9h Rubbing from headstone. In Memory of William Grundy, who died Jul 10 1844, aged 70 years, and of Margaret his wife who died Mar 8 1863, aged 70 years.
- Misc Plan  
Rolled No.  
10 Ground floor plan and location plan of branch library at Four Acre Lane site. Drawing No. 16142. Scale: 1.100 x 1.1250. Shows north, south, west and east elevations. Dated Apr 1971.
- Misc Plan  
Rolled No.  
11a Five identical maps. St.Helens Corporation extension map. In Parliament sessions 1932-33. Ordnance Survey map with reference and new boundaries marked in various colours. Shows the Liverpool East Lancashire Road. Includes details of ground and allotments and small holdings.
- Misc Plan  
Rolled No.  
11b St.Helens Corporation extension map. In Parliament Session 1932-33. 4 identical maps showing buildings erected since Ordnance Survey (1925). Includes new streets laid out, proposed streets and roads and main sewers. Shows existing and proposed housing sites. Handicraft instruction centres are marked with a red 'S'. Dated Feb 1933.
- Misc Plan  
Rolled No.  
12 Ordnance Survey map of Manchester and district including Charnock Richard, Wigan, Parbold, West Houghton and Belmont. Scale: 3 inch to one mile. No date.
- Misc Plan  
Rolled No.  
13 Ordnance Survey map of Manchester and district. Includes Haydock and Burtonwood, Leigh, Lowton, Billinge, Rainford and Winstanley. Scale: 3 inches to 1 mile. Drawn in 1924.
- Misc Plan  
Rolled No.  
14a Black and white print of Ashton's Green, Broad Oak and Smart's Estates. Shows various lots and railroads. Land was owned by James Orrell, Edward Gaskell, Thomas Boardman and Thomas Speakman. Map also shows Sankey Canal. No date.
- Misc Plan  
Rolled No.  
14b Plan and section of an intended line of railway from St.Helens to West Bank at Runcorn Gap. Includes several railway branches and a wet dock at the termination at Widnes. Scale is in yards and chains. Sutton and Bold are shown as separate townships. River Mersey is included. Survey was ordered by Charles B. Vignes, Civil Engineer, on 28 Nov 1829.
- Misc Plan  
Rolled No.  
15 Plan of library floor, Gamble Institute. Shows mezzanine floor and ground floor. No date.
- Misc Plan  
Rolled No.  
16 London and North Western Railway (Huyton and St.Helens line) – Pilkington's Viaduct. Shows elevation from Huyton to St.Helens (gradient 1 in 80 falling) Also includes plan. Scale: 20 feet to 1 inch. Dated Sep 29 1886.

- Misc Plan Rolled No. 17 Ordnance Survey Map of St.Helens and area including Windle and Burtonwood. No date. Scale: 1:25000.
- Misc Plan Rolled No. 18 Proposed traffic management scheme for A58. One Way System in Victoria Square/Corporation Street /Bickerstaff Street. General plan of St.Helens Town Centre 1:500. Dated 15 Jan 1971.
- Misc Plan Rolled No. 20/1 London Midland and Scottish Railway – St.Helens (in 6 parts). Rating plan shows Shaw Street Railway Station. Includes St.Helens Lead Works, the Canal, the Ship Hotel, the Corporation Yard, the Raven Hotel, Friends Meeting House, a disused burial ground, the Railway Inn and the Royal Alfred Hotel. Also shows a theatre at the junction of Shaw Street and Sharp Street and stables in Shaw Street. Scale: 41.66 feet to 1 inch.
- Misc Plan Rolled No. 20/2 London Midland and Scottish Railway, St.Helens. Rating plan shows Warrington New Road, viaduct, the United Alkali Hardshaw Brook Works, Parr Street, Sharp Street, Higher Parr Street and Atlas Street. Buildings include St.Helens Smelting Works, Flint Glass Works and Bishops Bridge. Scale: 41.66 feet to 1 inch. No date.
- Misc Plan Rolled No. 20/3 London Midland and Scottish Railway, St.Helens. Rating plan includes Warrington New Road, Warrington Old Road, United Alkali Company, Kurtz Works and McKechnie Works, canal basin, iron drum works owned by Messrs Todd Brothers and the drawbridge over the canal basin. Line includes Ravenhead signal box and the engine house, and the Nags Head Inn. Scale: 41.66 feet to 1 inch. No date.
- Misc Plan Rolled No. 20/4 London, Midland and Scottish Railway, St.Helens. Rating plan from Standish Street to Gerard Street. Shows St.Helens Canal and towing path, Gerards Bridge signal box. Great Central Railway (with level crossing and gate keepers hut) and the Glass Works (Messrs Foster and Sons). Scale: 41.66 feet to 1 inch.
- Misc Plan Rolled No. 20/5 London, Midland and Scottish Railway, St.Helens. Rating plan from Gerard Street to land owned by Pilkington and Company. Shows Pilkington sidings signal box. Scale: 41.66 feet to 1 inch. No date.
- Misc Plan Rolled No. 20/6 London, Midland and Scottish Railway, St.Helens. Rating plan shows line coming from St.Helens Junction to bridge No. 32. Includes platelayers' cabin and lamp room. Scale: 41.66 feet to 1 inch. No date.
- Misc Plan Rolled No. 21 Ordnance Survey map of Burtonwood and area, including Newton-le-Wil-lows. Scale: 1:10 000. Dated 13 Jul 1978.
- Misc Plan rolled No. 22 County Palatine of Lancaster. Map shows tuberculosis dispensary areas, (coloured and numbered in black) and district insurance committee areas (outlined and numbered in red). Issued by County Offices, Preston, in Oct 1915. Scale: 4 miles to 1 inch.

- Misc Plan rolled No. 23 3 identical Ordnance Survey maps of Billinge and Winstanley, St.Helens and area including Burtonwood, Golborne, Prescott, outwards to Penketh in the South and Bickerstaffe in the North. Scale: 1:25 000. Dated 1981.
- Misc Plan Rolled No. 24 Plan of 'several of the present and intended canals in the counties of Lancaster and York'. Includes coal areas and calculations of the rise and fall in certain lengths of canal. 1793 (Photocopy).
- Misc Plan Rolled No. 25a Plan of land shows field pattern and property owners including William Kersley, Thomas Lithgoe, Myles Warde, Thomas Ince and Richard Stanley. Shows Hoghurst Bridge and a ditch. Land was 'a plot in controversy' between Abraham Langton and Thomas Gerrarde near Wigan. Scale of 40 perches 8 yards to a perch. All to the east of the yellow line belonged to Abraham Langton and all to the west belonged to Thomas Gerrarde. 31 Mar 1638. (Black and white photocopy).
- Misc Plan Rolled No. 25b 2 identical maps of land near Wigan. Land was surveyed by Thomas Blamiley. The dispute between Abraham Langton and others and Thomas Gerrarde and others was settled. No scale. Signed by Thomas Blamiley on 8 Apr 1639 and witnessed by Robert Mawdsley, Edward Loyal and Richard Masey on 9 Apr 1639.
- Misc Plan Rolled No. 26 Map of Lancashire showing the Hundreds, boroughs and places of election and polling. Also shows railways. At the time Lancashire covered 1, 831 square miles and had 1,667,064 inhabitants. Scale: 1 inch to 2 miles. Dated c. 1846.
- Misc Plan Rolled No. 27 Section shows scullery, water closet and a 1½ inch flush pipe. ¼ full scale.
- Misc Plan Rolled No. 29 Area of Newton in Makerfield. Includes Haydock Park, Dean Dam, Cowley Dam, Lady Hill Dam and Haydock Town. Scale: 6 inches to 1 statute mile. 24 Aug 1849. Copied in 1977.
- Misc Plan rolled No. 33a Mayor's Dinner for the Prime Minister of New Zealand, the Honourable R.J. Seddon. Guests on the seating plan include Colonel Gamble, Joseph Beecham, Mr. K.A. Pilkington, Mr. Harrison, Mr. B.A. Dromgoole, the Town Clerk Reverend J.A. Mitchell, Reverend Father Kenney and reporters from the 'Liverpool Mercury', the 'St.Helens Reporter', the 'Liverpool Courier', the 'Daily Post' and the 'St.Helens Newspaper'. 10 Jun 1897
- Misc Plan rolled No. 33b Rough table plan for Mayor's Dinner for the Prime Minister of New Zealand. 1897
- Misc Plan Rolled No. 33c Unidentified table plan. 15 Apr 1905.

Misc Plan    Plan of the bridges belonging to the West Derby Hundred. Alphabetically  
Rolled No.    and numerically arranged by A.B. Clayton, Bridge Master, Ormskirk. Shows  
34              Kirkdale division, Ormskirk division, Prescott division and Warrington divi-  
                    sions. Scale: 1 inch to ½ mile. No date.