



Elizabeth Shaw Factory, Greenbank, Bristol

Archaeological Building Recording

OASIS Reference: (waterman2-202132)

February 2015

Waterman Energy, Environment & Design Limited

Merchants House, Wapping Road, Bristol, BS1 4RW

www.watermangroup.com

Elizabeth Shaw Factory, Greenbank, Bristol

Archaeological Building Recording

Client Name: Generator (Chocolate Factory) LLP

Document Reference: EED13609-100_R_2_1_4_TM

Project Number: EED13609-100

Quality Assurance – Approval Status

This document has been prepared and checked in accordance with
Waterman Group's IMS (BS EN ISO 9001: 2008, BS EN ISO 14001: 2004 and BS OHSAS 18001:2007)

Issue	Date	Prepared by	Checked by	Approved by
First	February 2015	Tim Murphy	Susana Parker	Keith Rowe
Second	March 2015	Principal Heritage Consultant	Senior Heritage Consultant	Technical Director

Comments

Disclaimer

This report has been prepared by Waterman Energy, Environment & Design Ltd, with all reasonable skill, care and diligence within the terms of the Contract with the client, incorporation of our General Terms and Condition of Business and taking account of the resources devoted to us by agreement with the client.

We disclaim any responsibility to the client and others in respect of any matters outside the scope of the above.

This report is confidential to the client and we accept no responsibility of whatsoever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report at its own risk.

Contents

1. Introduction	1
2. Methodology	2
Methodology	2
3. Historical Baseline and Analysis	5
Designated Heritage Assets	5
Non-Designated Heritage Assets	5
Historical Overview	5
Mid Nineteenth Century	5
H.J. Packer and Co	6
The Construction of a Factory at Greenbank.	7
World War One	10
Inter-War Years.....	13
World War Two	13
Post-War	14
Late Twentieth Century.....	16
Factory Closure.....	16
Site Analysis	17
General Site Description.....	17
Original/Early Factory Buildings.....	18
Office Block.....	20
Inter-war Development.....	22
Post-war Development.....	22
Outline Phases.....	24
4. Assessment of Significance.....	25
Significance Criteria	25
Statement of Significance	25
5. Overview & Summary.....	28
6. References and Sources.....	29
Bibliography	29

Figures

Figure 1: Parish of St George Tithe Map, 1840	6
Figure 2: First Edition Ordnance Survey, 1884-1889	7
Figure 3: Ordnance Survey, 1901-1904	8
Figure 4: Marketing image showing early form of factory.....	8
Figure 5: View of covered space between ranges known as 'the hauling ways'	9

Contents

Figure 6: View of the interior of one of the original factory ranges, early twentieth century	9
Figure 7: Basement plan of office block, 1912	11
Figure 8: Ground floor plan of office block, 1912.....	11
Figure 9: First floor plan of office block, 1912.....	12
Figure 10: Section, 1913.....	12
Figure 11: Ordnance Survey, 1918 (reinforced concrete block identified)	12
Figure 12: Photograph of Greenbank Factory, view from south. c.early 1940s	13
Figure 13: Aerial Photograph, 1946.....	14
Figure 14: Ordnance Survey, 1951.....	14
Figure 15: Sketch of Site in the period c.1955-1960	15
Figure 16: Ordnance Survey 1984-1991	16
Figure 17: View of Site from Greenbank Road	17
Figure 18: View of railway path on south side of Site	17
Figure 19: View of Site from Co-Operation Road	18
Figure 20: View looking across eastern portion of Site, towards Greenbank Cemetery	18
Figure 21: South gables of early factory buildings.....	19
Figure 22: South gables of early factory buildings.....	19
Figure 23: View of early windows in west elevation of west factory range	19
Figure 24: View of space between early ranges - 'hauling way'	19
Figure 25: View of open plan floor in early factory range	20
Figure 26: View of early loading door flanking by original window openings	20
Figure 27: View of office block facade	20
Figure 28: View of rear (south) elevation of office block.....	20
Figure 29: View of ornate principal entrance door and surround	21
Figure 30: View of original principal stair	21
Figure 31: View of basement strong room.....	21
Figure 32: View of first floor	21
Figure 33: View of west elevation showing most principal elevation of inter-war construction	22
Figure 34: View of interior of building	22
Figure 35: View of infill structures observed in north elevation from Co-Operation Street.....	23
Figure 36: View of late twentieth century pre-fabricated structure in west portion of Site.....	23
Figure 37: Northern elevation (fronting Co-Operation Road) with outline phases.....	24
Figure 38: Southern elevation with outline phases.....	24

Contents

Elizabeth Shaw Factory, Greenbank, Bristol

Project Number: EED13609-100

Document Reference: EED13609-100_R_2_1_4_TM

Appendices

- A. Historic Photographs
- B. Photographic Register
- C. Photographic Archive Thumbnails
- D. Drawing Register
- E. Drawing Archive
- F. Written Scheme of Investigation

Contents

Elizabeth Shaw Factory, Greenbank, Bristol
Project Number: EED13609-100
Document Reference: EED13609-100_R_2_1_4_TM

1. Introduction

- 1.1. This scheme of archaeological building recording has been undertaken by Waterman Energy, Environment & Design Ltd (Waterman) for Generator (Chocolate Factory) LLP. This scheme of building recording pertains to the former Elizabeth Shaw Chocolate Factory ('the Site'), located at Greenbank Road and Co-Operation Road, Bristol.
- 1.2. The Site is located in the Greenbank area of Bristol; centred on National Grid Reference ST 616 743. No listed buildings or other statutory designated heritage assets are located within the Site.
- 1.3. This scheme of archaeological building recording has been undertaken to satisfy pre-commencement Condition 2 of application 14/06330/N which states:

"Prior to the demolition of the buildings hereby approved, all of the buildings on site should be fully recorded by photographs and this information submitted to and be approved, in writing by the LPA. The recording shall be carried out by an archaeologist or archaeological organisation approved by the Local Planning Authority.

Reason: In the interests of recording the buildings prior to demolition in recognition of their cultural and historic significance."

2. Methodology

Methodology

- 2.1. The scope for this scheme of archaeological building recording was outlined in the Written Scheme of Investigation¹ (WSI), located in Appendix F. The WSI was submitted to and approved by Peter Insole, Principal Historic Environment Officer at Bristol City Council.

Aim

- 2.2. The aim of this programme of recording is to provide a long-term sustainable record of the former factory prior to its partial demolition. The buildings are considered significant as the site of the former Elizabeth Shaw Factory, as well as its association with previous owners, such as Packers, and the contribution it made to the local economy throughout the twentieth century. The buildings are also considered to display a chronology of industrial and architectural development from the early to mid-twentieth century.
- 2.3. The record aims to:
- Provide an outline history of the Site, in order to set its historical context within the wider area;
 - Assess the significance of Site;
 - Record the external elevations of buildings within the Site;
 - Record the interior spaces (due health and safety and limited access, this element of the record is restricted).

Scope of Historic Building Recording

- 2.4. The scope set out below outlines the work undertaken to meet the criteria of an English Heritage Level 3 survey. A Level 3 historic building record is considered appropriate to fully preserve the form and detail of the buildings by archive.
- 2.5. A Level 3 survey is described in the English Heritage guidance as follows:

“Level 3 is an analytical record, and will comprise an introductory description followed by a systematic account of the building’s origins, development and use. The record will include an account of the evidence on which the analysis has been based, allowing the validity of the record to be re-examined in detail. It will also include all drawn and photographic records that may be required to illustrate the building’s appearance and structure and to support an historical analysis.”

Documentary Research

- 2.6. A programme of documentary research has already been undertaken to establish the chronology of construction, the building in context and the key associative history of the Site. This will inform a historical overview of the Site which is included in this report.

¹ Waterman, 2015

Site Investigation and Recording

- 2.7. Existing floor plans and elevations were utilised to guide on site observation and provide a location plan to record the location of photographic viewpoints. The following aspects of the building were recorded photographically and through annotation of existing floor plans/elevations.

External Record

- 2.8. All external elevations of the building were photographically recorded. Where necessary, detailed photographs were taken of features of heritage or aesthetic merit. The external record also details general character features such as windows, doors and masonry.
- 2.9. The north (Co-operation Street fronting) elevation and opposing south elevation were recorded using rectified photography.

Internal Record

- 2.10. The interior of most of the buildings (with the exception of the office block) was deemed unsafe for access. Due to exposed asbestos and structural issues there was little opportunity to undertake internal recording in a safe manner. Photographs previously taken in 2014, have been incorporated into the record.

Measured Survey

- 2.11. Surveys, including elevations and plans, were provided by Generator (Chocolate Factory) LLP. Survey drawings contained within the main body of this report have been annotated to illustrate the phases within the building to further understand the story of the former factory's development.
- 2.12. Appendix D and E contains all copies of the measured survey, these are illustrated to scale, typically 1:50. All drawings (located outside of the main body of the report) have been allocated drawing numbers and recorded in a drawing register which will be held in the site archive.

Photographic Record

- 2.13. A photographic record has been made of the exterior of the buildings commensurate with the scope of a Level 3 record, as defined in *Understanding Historic Buildings; a guide to good recording practice* (English Heritage, 2006).
- 2.14. The photographic record also notes architectural details to chronicle the former uses of the buildings.
- 2.15. A high quality digital record was made using a digital SLR camera. Photographs were taken at 12 million pixel resolution and will be deposited as .jpeg files, as agreed with the Archaeological Database Service. A photographic scale of appropriate size was included in detailed views where appropriate.
- 2.16. All photographic views are recorded on copies of the 'as existing' floor/site plans of the buildings. These are complemented by photographic registers which, as a minimum, give the direction of the view and a brief description of the subject.
- 2.17. A selection of the photographic record have been used to illustrate this report to provide an overview understanding of the existing building, its historic use and its context.
- 2.18. The full photographic record, together with copies of the annotated plans and the photographic gazetteer will be included in the site archive and in Appendix B and C of this report.

- 2.19. Rectified elevations have been produced in colour, at 1:20 scale accuracy, of the two long composite elevations - the north and south elevations. The rectified photography was undertaken using a Hasselblad H3D39 medium format digital camera. The elevations are shown square on.

Report

- 2.20. This report provides a description of the buildings (including scale and massing, construction, materials, layout and architectural detail), their history and heritage significance.
- 2.21. The report will be provided in a single bound copy with an appended CD containing the archive and report in .pdf format. This copy of the report will be submitted to Bristol Historic Environment Record,

Archive

- 2.22. An archive of this scheme of building recording has been completed; this contains all the raw data from the on-site investigation. The project archive will be deposited with the Archaeological Data Service (ADS). A site code has been obtained from OASIS (waterman2-202132) which is used for the ADS deposition. The archive will be deposited by April 2015.
- 2.23. The archive provided on a memory drive includes (as agreed with ADS):
- Digital photographic record (.jpeg format);
 - Photographic registers of all photographic images (.pdf and .xls format);
 - Site plan annotated with the locations of selected photographic views (.pdf format); and
 - A report in .pdf format.

Project Management and Staffing

Personnel

- 2.24. The scheme of building recording was undertaken by experienced buildings archaeologists from Waterman's core staff:

Tim Murphy BA PG Dip MCIfA IHBC: Principal Heritage Consultant/Buildings Archaeologist

Susana Parker BA MA ACIfA AIEMA: Senior Archaeologist and Heritage Consultant

3. Historical Baseline and Analysis

Designated Heritage Assets

- 3.1. No listed buildings or other statutory designated heritage assets are located within the study area. The closest listed building, in the form of entrance gates and piers (Listing ID: 1202252), is located to the north of the Site on Greenbank Road and associated with Greenbank Cemetery.

Non-Designated Heritage Assets

- 3.2. The Bristol Historic Environment Record (BHER) records the H J Packer and Company Chocolate Factory [22420] at the site, which was opened in 1901 as an expansion of an existing company founded in 1881.

Historical Overview

- 3.3. This historical overview pertains to the nineteenth and twentieth century history of the Site and the occupation of the former chocolate factory. It is this phase of occupation, from the early twentieth century, that the existing building stock derives. Unless referenced otherwise, the historical information, pertaining specifically to the Site, has been sourced from J. Penny's publication *A Short History of the Greenbank Chocolate Factory*. Online sources, and the Bristol Record Office, were also consulted. This research provides historic cartography, historic site plans and photographs of the Site to aid understanding and interpretation. A selection of historic images, sourced from the Bristol Record Office, are located in **Appendix A**.

Mid Nineteenth Century

- 3.4. One of the earliest maps to show the Site in detail is the Tithe map of the 1840s (Figure 1). This illustrates the character of the area prior to later industrial development. The Site, during the mid-nineteenth century, was occupied by open fields. The southern boundary of the Site was formed by the Bristol-to-Bath Railway Line, the alignment of which survives today as a public foot/cycle path.

Figure 1: Parish of St George Tithe Map, 1840

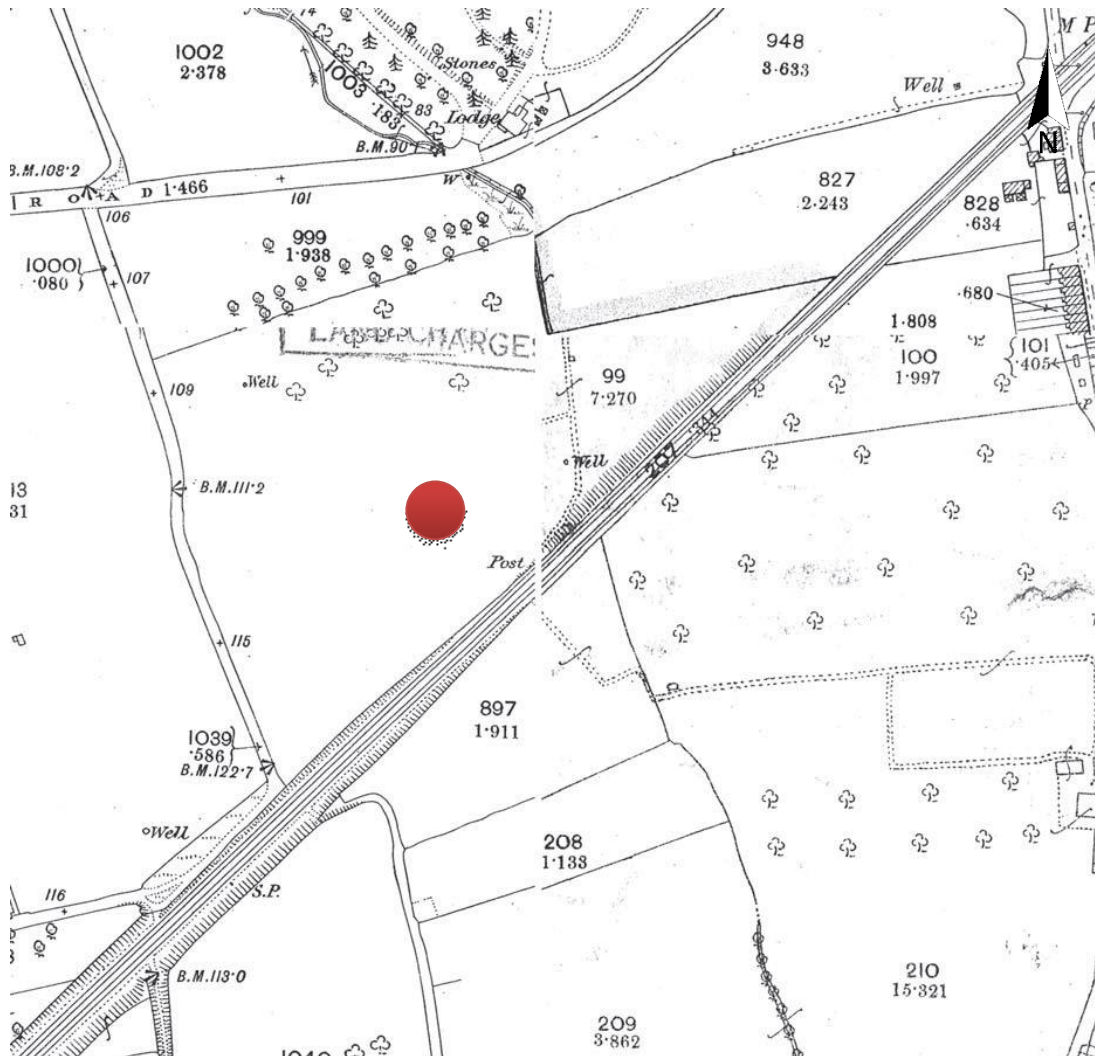


Source: Bristol City Council

H.J. Packer and Co.

- 3.5. The factory at Greenbank Road was constructed by H.J. Packer and Co. 'Packer & Co' was established in 1881 by Edward Packer at 47 Armory Square in Bristol. Packer had been previously employed by another Bristol chocolate company, J.S. Fry & Sons Ltd.
- 3.6. By 1882 trade had increased resulting in a move to a larger, albeit still residential premises, located at the corner of St Paul Street and Orange Street. In 1884, Packer entered a partnership with H.J. Burrows who had been a neighbour at 48 Armory Square and also a worker at J.S. Fry & Sons Ltd. Burrows' initials were incorporated into the firms' title forming H.J. Packer and Co. Due to a dramatic downturn in trade the partnership was dissolved in 1885, leaving Burrows as the sole proprietor of the company. The company was later purchased, for the sum of £950, by Bruce Cole, who had previously sold sugar to Burrows.
- 3.7. By 1892 the business had expanded with a sales office in London, extending beyond a local market. The manufacturing premises on St Paul Street were also expanded during the 1890s, as adjacent land was purchased by Cole. By the late 1890s the manufacturing accommodation had become unsuitable and a new site was sought to further expand the business and increase chocolate manufacture. Land was purchased at Shortwood in Mangotsfield but this was later deemed unsuitable for employees living in Bristol. This resulted in the Site at Greenbank been acquired in 1900. The Site, prior to H.J. Packer's purchase, is depicted on the First Edition Ordnance Survey of 1884-1889 (Figure 2).

Figure 2: First Edition Ordnance Survey, 1884-1889



Source: Waterman CDM Report, 2008

The Construction of a Factory at Greenbank.

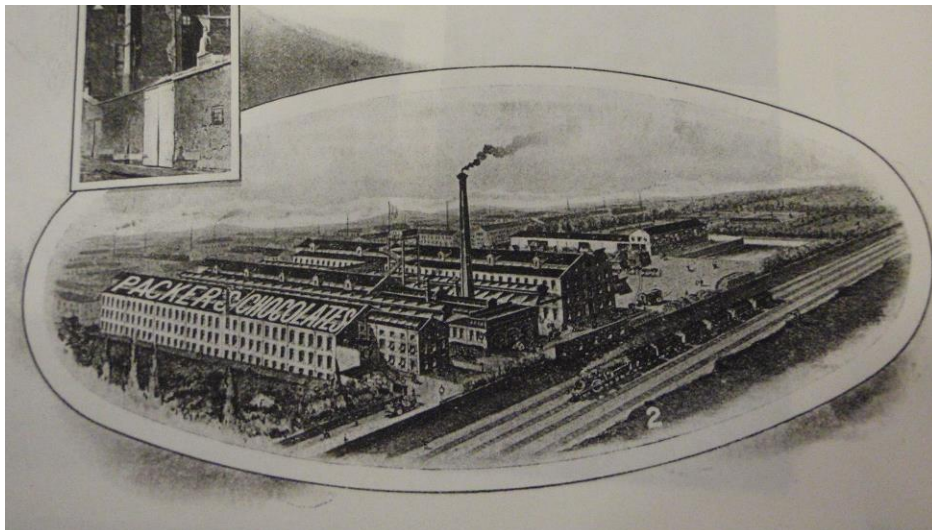
- 3.8. The first phase of factory construction at the Site is depicted on the 1901-1904 Ordnance Survey (OS) which shows three buildings at the western extent of the Site (Figure 3). The three ranges survive today, and are connected by bridges over alleys (known as 'hauling ways') between them, facilitating transport access and storage.

Figure 3: Ordnance Survey, 1901-1904



Source: Bristol City Council

Figure 4: Marketing image showing early form of factory



Source: Bristol Record Office. Ref 43258_IM_PM_4_1

Figure 5: View of covered space between ranges known as ‘the hauling ways’



Source: Bristol Record Office. Ref 43258_IM_PM_4_1

Figure 6: View of the interior of one of the original factory ranges, early twentieth century



Source: Bristol Record Office. Ref 43258_IM_PM_4_1

- 3.9. A publication, held at Bristol Record Office, produced by H.J. Packer in 1906 details the early form of the Site² (Figure 4). The factory was constructed in c.1901-1902 to the designs by Horace Cole

(presumably related to Bruce) and formalised by architect Fred Shove. The factory was built by Bristol firm Messers Wm. Cowlin & Sons. The factory comprised of four buildings; three four-floored structures formed the principal factory buildings and the fourth was a timber shed and carpenters shop. The interior of the factory buildings was lined with green and white glazed tiles and a sprinkler system was fitted throughout. The buildings accommodated a range of activities including:

- A repair shop;
- A separate department for the "Conquest" brand of chocolates containing a roaster, milk-condensing machinery, disintegrator, melangeurs, refiners and drying cupboards;
- A boiling shop for the manufacture of hard centres;
- A floor for manufacture of cream for crystalizing (for chocolate centres);
- A boiling space for the manufacture of caramels and nougat;
- A Starch Room where cream was cast in various shaped moulds;
- Girls meal room;
- Mens meal room;
- A hot room for glucose and gas ovens for biscuit making;
- Box making department;
- Bag making department;
- Printing department;
- Box labelling room;
- Chocolate coating room;
- Mould filling department;
- Despatch rooms;
- A timber shed which received pre-cut timbers shipped from Sweden to be quickly nailed together into boxes; and
- Swimming baths (the exact location of this feature is unknown).

3.10. Photographs of the original factory (many from the 1906 publication) are located in Appendix A.

3.11. In 1908 Packers became a limited company which was flourishing with a 250% increase in sales between 1903 and 1912. Packers was aimed at the budget end of the market with their penny-an-ounce chocolates. In 1912 a subsidiary company was established called Charles Bond Ltd. The new brand, with a separate sales team, was aimed at the high-end of the market producing quality chocolates. Packers also acquired a controlling interest in Carsons (Chocolates) Ltd in 1911.

World War One

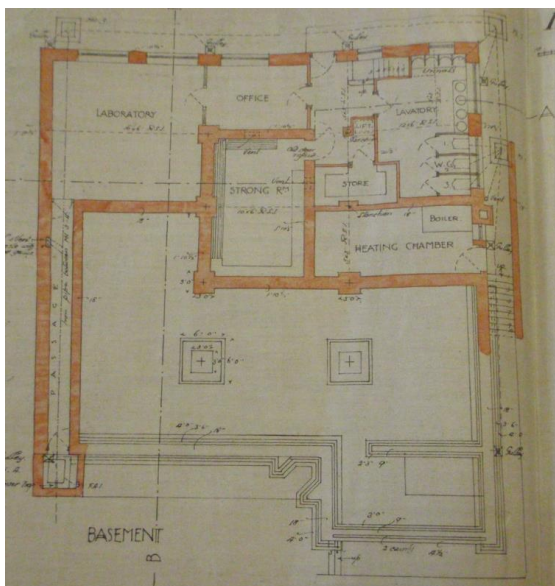
3.12. The onset of war in 1914 resulted in difficulties obtaining raw materials, which disrupted the provision of the Packers lines. Whilst many employees were released to the armed forces, the Greenbank

² H.J. Packer & Co., 1906, *Reception 6th-8th Sept 1906*, E.S. & A. Robinson Ltd

factory produced large quantities of chocolate for the Navy and Army Canteen Board. The profits made by the company during World War One provided funding for the expansion of the Site.

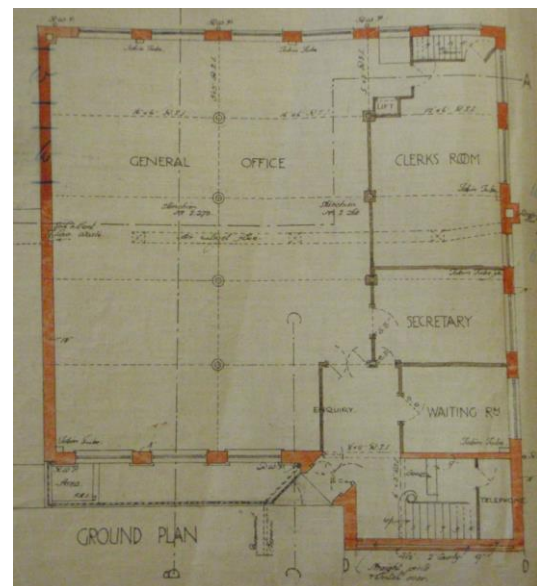
- 3.13. At some point during the World War One, a new formal office block was constructed at the corner of Turley Road and Co-Operation Road, fronted in stone. The Bristol Record Office holds plans of the office dated to 1912 and a section dated to 1913, the latter were produced by Bristol based architects W. S. Paul and R. C. James (Figures 7-10). The building exists today. With exception of the entrance hall, stair and strong room all fixtures and many partitions have been removed. The early plans indicated that the basement contained a laboratory (with service passage), office, strong room, heating chamber and lavatory. The ground floor held a large open plan office, clerks' room, secretary's office and waiting room. The first floor included two director's offices, a sales manager's office, export office, buying office, costing office and typist's office. The plans suggest that this building formed the hub of the administration of the Site; a place from where it was managed and guests were directed.

Figure 7: Basement plan of office block, 1912



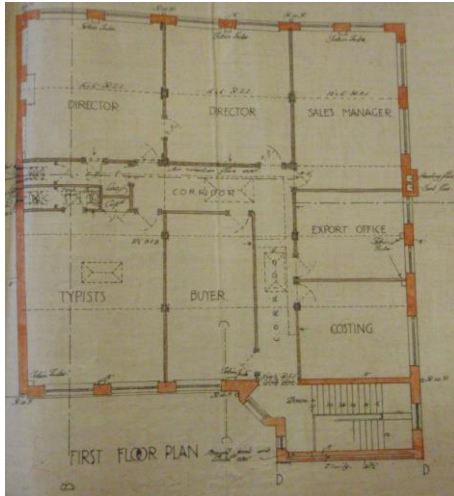
Source: Bristol Record Office. Ref
BuildingPlan_Volume52_4a

Figure 8: Ground floor plan of office block, 1912



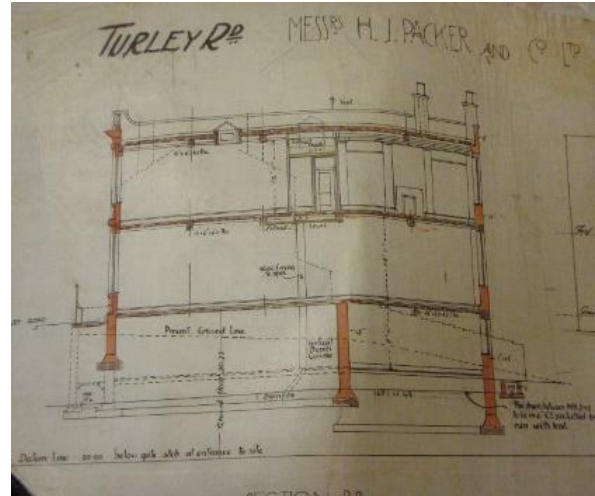
Source: Bristol Record Office. Ref
BuildingPlan_Volume52_4a

Figure 9: First floor plan of office block, 1912



Source: Bristol Record Office. Ref
BuildingPlan_Volume52_4a

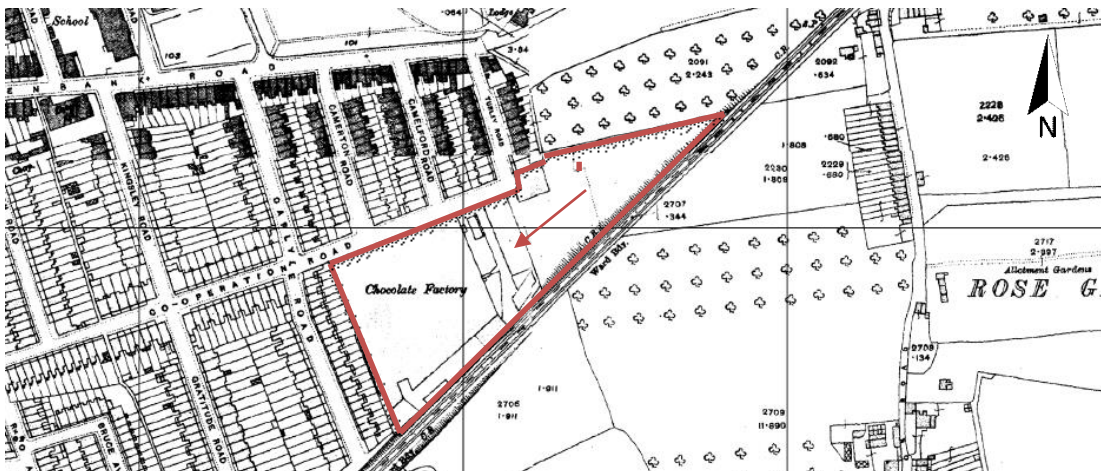
Figure 10: Section, 1913



Source: Bristol Record Office. Ref
BuildingPlan_Volume52_4a

- 3.14. The 1918 Ordnance Survey (OS) depicts the expansion of the Site (Figure 11). The office block is shown on the map, square in plan, at the corner of Turley Road and Co-Operation Street. Two additional factory blocks were constructed prior to the survey. The first is a large brick structure with hipped roof, similar in form to the earlier buildings, added to the east side of the principal ranges. This building was likely constructed pre-1914 and likely shortly after completion of the original three ranges. The 1918 OS suggests a detached reinforced concrete frame structure was built at the easternmost extent of the principal factory buildings. The exact date of construction of the reinforced concrete frame structure is unknown, but believed to be around c.1918. This structure may have been contemporaneous with the heightened use of the new 'daylight factory' system. The use of brick and windows contained in a reinforced concrete frame had been used as early as c.1912 in designs by engineer Sir Owen Williams in his construction of a building now known as 'Enterprise House' in Hayes, Middlesex.

Figure 11: Ordnance Survey, 1918 (reinforced concrete block identified)



Source: Landmark Surveys 2014

Inter-War Years

- 3.15. In the immediate post-war period H.J. Packer honoured a promise to re-employ all service personnel, as well as providing further jobs to demobilised servicemen. The post-war years provided periods of industrial unrest and depression, however, Packer had by this time become the fourth largest chocolate manufacturing company in Britain.
- 3.16. No significant construction is known to have taken place at the Site during the inter-war years, with the exception of the reinforced concrete framed structure at the Site's east extent and a building, previously demolished which is believed to have been a maintenance workshop, in the area of the existing car park at the east of the Site. This is noted on the aerial photograph below (Figure 13).

World War Two

- 3.17. The outbreak of World War Two resulted in a restriction of raw materials, and chocolate became a rationed commodity. The workforce during wartime was predominantly female. Although sales were boosted by army orders, rationing did diminish general sales. Part of the factory was taken over by the American Army prior to the end of war in 1945.
- 3.18. An image of the factory (Figure 12) is held in the Hartley Collection of Glass Plates (held at the M Shed Bristol). The image is believed to be dated from the 1940s, which is suggested by the remnants of a Home Guard training exercise in the foreground, on the Whitehall playing field, and also the barrack blocks at 'Purdown Percy'. The heavy anti-aircraft battery can be seen on the hill side in the background. The photograph shows the form of the factory as viewed from the south. The main core of the initial construction phase is discernible, with the later inter-war (reinforced concrete frame) additions at the eastern end of the Site.
- 3.19. An aerial photograph taken in 1946 (Figure 13) also shows the form of the factory site in plan. The site plan is also shown on the 1951 Ordnance Survey (Figure 14) by which time little is believed to have changed, likely as a result of post-war austerity.

Figure 12: Photograph of Greenbank Factory, view from south. c.early 1940s



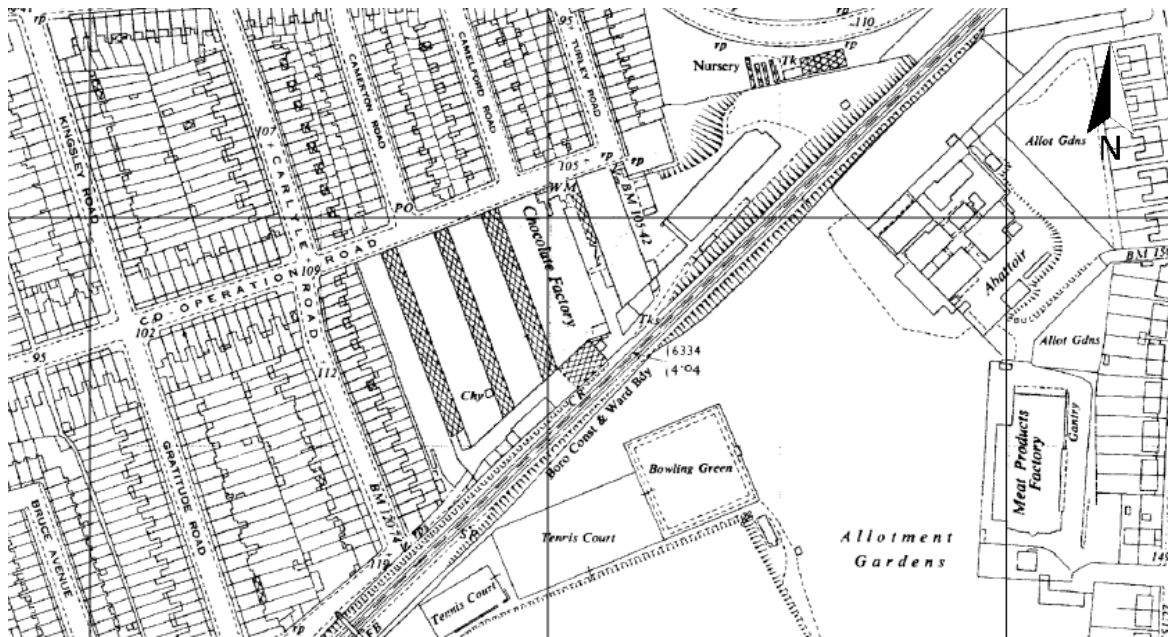
Source: Bristol Museums Galleries & Archives. Ref: Hartley20694

Figure 13: Aerial Photograph, 1946



Source: Waterman CDM Report, 2008

Figure 14: Ordnance Survey, 1951



Source: Landmark Surveys 2014

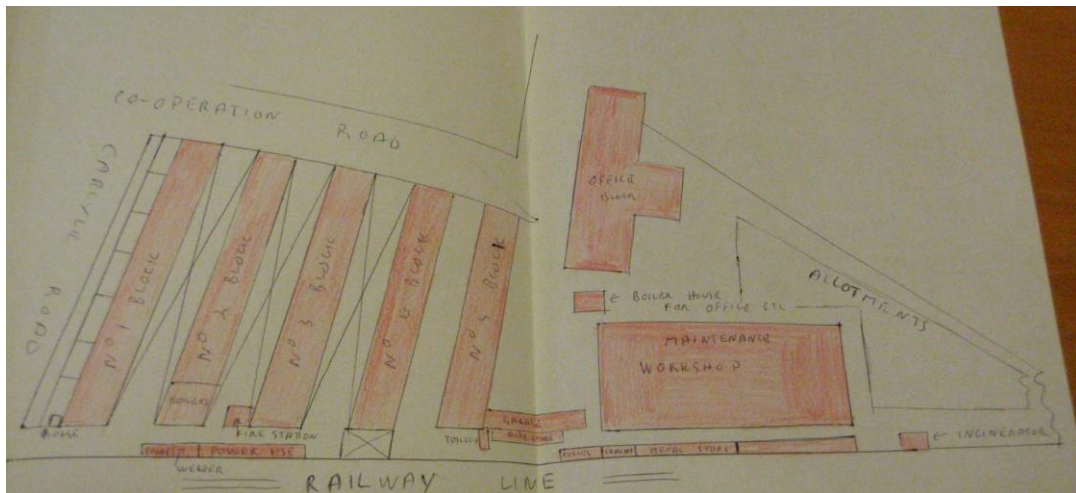
Post-War

- 3.20. Post-war austerity resulted in a difficult trading economy for Packers and the wider confectionary industry, especially with continued rationing post 1945. Poor economic conditions in the 1950s, and increased competition, resulted in the company's Shortwood Site been sold in 1960. The Greenbank

site then became the main production facility for Packers, Bond and Carson products. The parent company name later changed from H.J. Packer Ltd to Carsons Ltd.

- 3.21. The money from the sale of the Shortwood site provided funds for the much needed re-equipping of the Greenbank factory. Carsons became a well-known producer of chocolate liqueurs, and was the first firm in the country to adopt a spinning method for forming chocolate shells in 1963, a method made popular for chocolate Easter eggs. By the late 1970s the brand was dominating the UK market with a share of over 40%.
- 3.22. Jimmy Goldsmith became director of Carsons Ltd in 1964, and through his company, Gresham Foods, gained control of the company. Cavenham Foods Ltd was created in 1965 by Goldsmith, as a group under which the separate chocolate lines were produced. In 1966 the Packers, Carsons and Bonds brand names were discontinued. Carsons liqueurs were sold under the 'Famous Names' trademark and the factory also went onto produce the newly acquired Selesta and Goodies lines. In 1968 Cavenham Foods acquired the right to manufacture the products of Elizabeth Shaw Ltd.
- 3.23. Between 1966 and 1973, the factory site was significantly upgraded. This included the construction of an additional 25,000 square feet of open plan operating space. This was achieved by infilling the gap between the two easternmost parallel ranges, which are the reinforced concrete and brick structure built after the original construction phase mentioned above. A former worker from the factory produced a sketch (Figure 15), now held in the Bristol Record Office, in c.1972 of the factory in the period c.1955-1960 prior to the Site's upgrade.

Figure 15: Sketch of Site in the period c.1955-1960



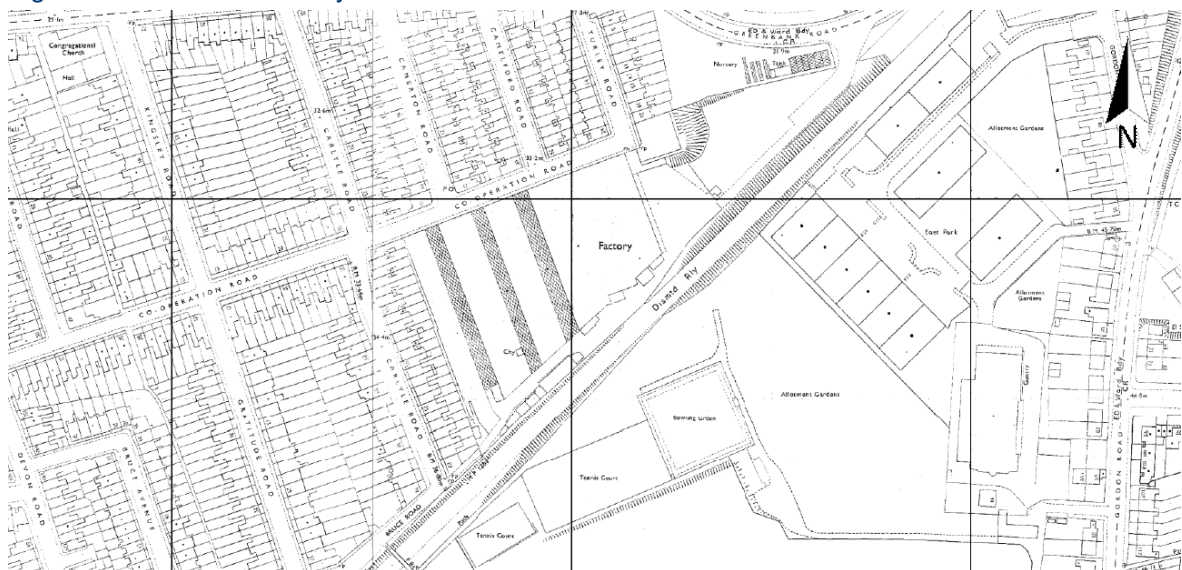
Source: Bristol Record Office. Ref InfoBox 17 20

- 3.24. The new factory space in the eastern ranges was to house all production and was equipped with new machinery. The earlier original c.1902 buildings were used for storage or staff facilities, and the middle range used for research and development. A new entrance to the factory was created with new stairs and lifts. Loading bays were added to the east elevation, and hard standing areas were created to provide ample on-site parking for employees. The changes made in this last major phase of construction likely removed and truncated much of the original or early factory as well as removing machinery and early fixtures from the original factory buildings.

Late Twentieth Century

- 3.25. Recession and increased material cost in the late 1970s resulted in further difficult trading conditions for Cavenham Confectionery. This resulted in their other companies, including Arthur Holland Ltd and Parkinsons' head offices being consolidated and moved to Greenbank.
- 3.26. In 1981 Cavenham Confectionery pulled out of food manufacturing. The Greenbank factory was sold to the firms' existing directors, who formed a new company called Famous Names Ltd. In 1985 the new company was acquired by Imperial Tobacco Plc and incorporated into Imperial Foods. Imperial Tobacco was later acquired by Hanson Trust and Famous Names Ltd was re-titled Elizabeth Shaw Ltd in 1988.
- 3.27. The company eventually passed to LEAF (the Amsterdam based confectionery wing of Finnish Huhtamaki Group), who renamed the acquisition LEAF UK Ltd, until a management buyout in 2000 resulted in the Site changing hands to a new company, Packbond Holdings. During the many periods of transition the Elizabeth Shaw and Famous Names products continued to be produced.
- 3.28. The 1984-1991 Ordnance Survey (Figure 16) shows the factory site in plan. Little seems to have been altered since the last major phase of construction in the 1960s. The inter-war maintenance shop, at the east of the Site, had been demolished by this time.

Figure 16: Ordnance Survey 1984-1991



Source: Landmark Surveys 2014

Factory Closure

- 3.29. By 2006 the factory at Greenbank was running with excessive capacity, and its owners were forced to close down the Greenbank operation and move production to other facilities in the UK and Europe. The Site has been vacant since then.

Site Analysis

- 3.30. A site visit was initially undertaken in October 2014 and the building recording in February 2015. The initial inspection sought to assess the form of the existing building stock and identify any features of heritage merit. For health and safety reasons not all areas of the Site were accessible due to the derelict nature of the buildings and health hazards they contain (e.g. asbestos products in poor condition). Only external elevations were available to record as not all spaces within the buildings could not be safely accessed. The images contained below are from the initial site visit in October when more of the site was accessible. The images from the January site analysis are contained in the photographic archive located in Appendix B and C.
- 3.31. For ease of reference, the buildings within the Site will be described by phase.

General Site Description

- 3.32. The Site is accessed, at its eastern extent, from Greenbank Road, which during the late twentieth century is believed to have been used as a secondary entrance for goods and workers. The eastern portion of the Site is formed by a large area of hard standing, which was previously used as a car park, and for loading goods. The historic principal or formal entrances, currently blocked, appear to have been located at the corner of Co-Operation Road and Turley Road. The hauling ways were also used for access from Co-Operation Road.
- 3.33. The northern boundary of the Site fronts onto Co-Operation Road. This is formed of elevations which reflect all the principal construction phases of the Site. Goods doors and entrances are noted throughout the western portion of the utilitarian *façade*.
- 3.34. The west of the Site is bounded by residential dwellings on Carlyle Road, with an additional access to the Site at the south-west corner, at the junction of Carlyle Road and Bruce Road. The southern boundary of the Site is formed by the Bristol and Bath Railway Path, sited on the alignment of the former railway line. The north-eastern corner of the Site is bounded by Greenbank Road, with Greenbank Cemetery located to the north.

Figure 17: View of Site from Greenbank Road

Figure 18: View of railway path on south side of Site



Figure 19: View of Site from Co-Operation Road Figure 20: View looking across eastern portion of Site, towards Greenbank Cemetery



Original/Early Factory Buildings

- 3.35. The original or early factory buildings within the Site are located in the west area. These were constructed c.1901-1902. The early buildings comprise the original three ranges, with a later fourth added to the western side. They are three storeys with attic. The buildings are constructed of red brick, laid in English bond, with a hipped (north end) and gabled (south end) tiled roof. Openings are typically located within segmental arch surrounds flanked by queen closer bricks and stone (possibly Portland Stone) cills. Much of the early/original timber/metal glazing survives. Original loading doors survive in the gable ends to the individual ranges. Dormers are located in the hipped roof at the north gable end which presumably serviced the attic floor (attic floors were unsafe for access during inspection). The southern gable ends of the early ranges appear to have been subject to very little apparent alteration, although the factory's abandonment have left them in a very poor state of repair.
- 3.36. Spaces between the early/original ranges are glazed over with a steel truss roof. Access to these areas was restricted due to the poor condition of the building fabric. The spaces between the ranges were originally used for loading and transporting of goods through loading doors and known as 'hauling ways'. Bridges which still survive, albeit in poor state of repair, link the ranges at third floor. The level of survival of fixtures, such as hoists, is unknown due to the limited access. The masonry in these spaces has also been painted white.
- 3.37. The interior of the original buildings are in a very poor state of repair. The poor condition of the roof has resulted in a significant amount of water penetration, and flooding of the timber floors throughout the buildings; this has significantly impacted the structural integrity of the timber floorboards and joists. Areas of the early interior revealed that almost all original or early fixtures and fittings appear to have been stripped from the building, this not being uncommon, as it was a building constantly changed to meet evolving operational requirements. The main factory spaces are typically formed of open plan floors enclosed by brick masonry walls. The floors above are supported internally by cast iron columns, this being a typical design of the period which maximised production space within the factory. No historic machinery was viewed throughout the Site, with the exception of a single vat which is likely of relatively modern derivation. The green and white internal glazed tiles, mentioned in the 1906 publication, were noted throughout most of the original ranges inspected.

Figure 21: South gables of early factory buildings



Figure 22: South gables of early factory buildings

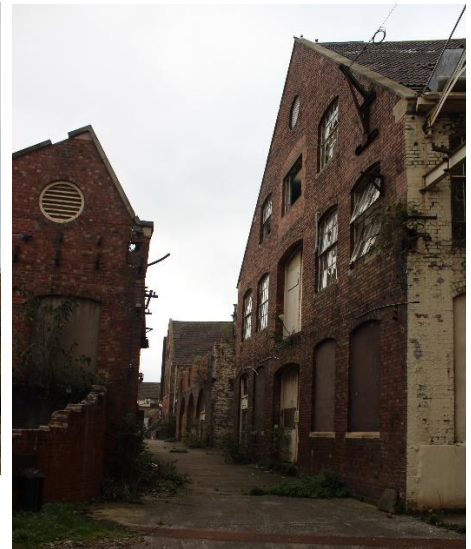


Figure 23: View of early windows in west elevation of west factory range



Figure 24: View of space between early ranges - 'hauling way'

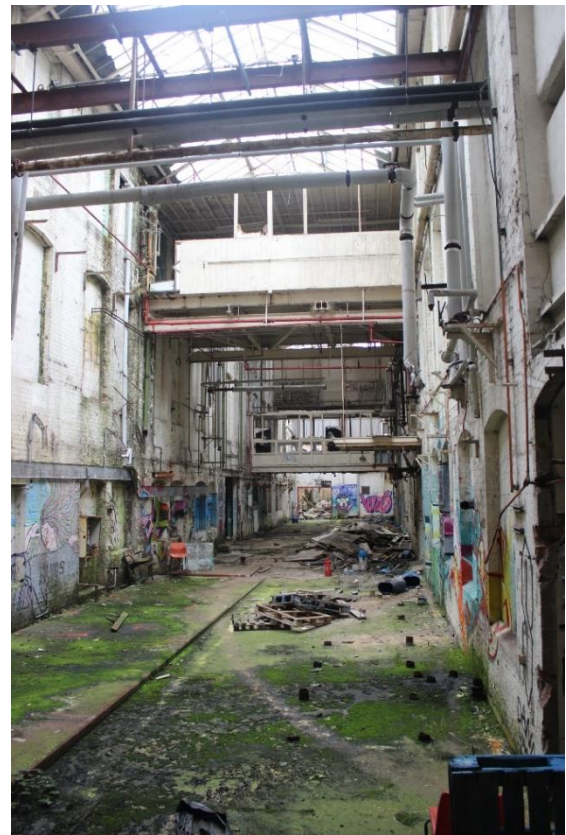


Figure 25: View of open plan floor in early factory



Figure 26: View of early loading door flanking by original window openings



Office Block

- 3.38. The office block at the corner of Turley Road and Co-Operation Road was constructed in c.1913-1918 and is the most artistic example of architecture within the Site. The block is two stories over basement with a flat roof. The rear elevations are constructed of red brick, laid in Flemish bond. The front stone *façade* is more ornate in design. A balustrade parapet is located above a dentil cornice. The ground floor is rusticated and the fenestration is broken by pillars which terminate at decorative mouldings. The main detractor to the exterior of the building is the replacement of windows which is intrusive to the character and artistic composition of the building.
- 3.39. The interior of the building has been subject to extensive alteration. This has included the installation of a suspended ceiling on the first floor and removal of almost all original or early fixtures and fittings. The basement has remained largely unaltered in plan and features such as the services passage and strong room are still discernible. Original building plans (Figures 7-10) suggest the ground floor was originally open plan and bounded by smaller offices. There is no trace left of this original plan form of the fixtures and fittings. The original footprint of first floor offices has also been removed, the only features left are the remains of skylights with moulded panel surrounds. Original features within the building, considered to be of heritage merit, include the principal stair with ornate balustrade and entrance door with timber surround.

Figure 27: View of office block facade



Figure 28: View of rear (south) elevation of office block



Figure 29: View of ornate principal entrance door
Figure 30: View of original principal stair and surround



Figure 31: View of basement strong room

Figure 32: View of first floor



Inter-war Development

- 3.40. Inter-war construction at the Site included a block at the eastern extent of the buildings. The exact date of construction is unknown, but historic cartography suggests this may be as early as c.1918. The west block is constructed of a reinforced concrete frame which could perhaps be described as a variance of the 'Daylight Factory' which had been common from c.1916 onwards. The type of reinforcement in the concrete is unknown but a pre-c.1920 building may have used the Kahn System which had been promoted in the UK by Truscon, a subsidiary of American company Trussed Concrete Steel. No exposed reinforcement was noted for inspection. Similar examples of factory design are found in the former B.S.A Factory in Birmingham (now demolished) which was constructed c. 1914. This basic design of factory changed very little over a long period.
- 3.41. The external red brick masonry is laid in English bond and vertical brick pillars (noted on the east elevation) is believed to be clad over the concrete frame to 'soften' the harsh utilitarian façade. Historic photographs (not shown) depict the company's sign attached to the roof of the eastern elevation, suggesting this was a 'public façade' to the factory, which is further reinforced by the topography providing distant views from the east toward the elevation.
- 3.42. Inspection of the interior revealed no original/early fixtures and fittings, these were likely to have been stripped from the building during the different phases of development. The uses of individual floors is now indiscernible, except from the ground floor, which was clearly used as a loading bay, although this may have been a later use.
- 3.43. Much of the western and southern elevations of this range, which was once detached, have been truncated by later construction.

Figure 33: View of west elevation showing most principal elevation of inter-war construction



Post-war Development

- 3.44. Documentary evidence has suggested that the eastern portion of the factory, including the inter-war construction phase, was significantly altered in the period c.1966-1973. Work in this period included two infill additions in the eastern portion of the Site. These were located on the west side of the reinforced block, and also the infilling of an early access way on the east side of the original building ranges. This phase of construction also included smaller additions and extensions, predominantly on the eastern side of the Site.

- 3.45. The new additions are most discernible in the Co-Operation Road fronting elevations. They are similar in design to the earlier c.1918 building as brick masonry incorporated into a reinforced concrete frame. The main difference from the earlier type is that the latter left the vertical elements of the concrete frame externally exposed.
- 3.46. Internal inspection, where permitted, revealed no features of heritage merit within this phase of construction. This period likely resulted in a significant alteration to the Site and the reorganisation of its processes. This may have resulted in the stripping of many original/early fixtures and fittings. It was in this period that the large cantilevered concrete stair within the factory is believed to have been installed.
- 3.47. The latest known building within the site is a detached late twentieth century two-storey prefabricated building, located on the east side of the main factory buildings.

Figure 35: View of infill structures observed in north elevation from Co-Operation Street



Figure 36: View of late twentieth century pre-fabricated structure in west portion of Site



Outline Phases

- 3.48. The phases noted on the elevations below are based on site inspection (predominantly external) and documentary evidence. They are provided as an outline of building phases as currently known.

Figure 37: Northern elevation (fronting Co-Operation Road) with outline phases



Figure 38: Southern elevation with outline phases



Phases

 1901	 C.1918 < 1939
 1901-1918	 1966-1973

4. Assessment of Significance

Significance Criteria

- 4.1. Significance is unique to each heritage asset can be defined as the sum of tangible and intangible values which make it important to society. This may consider age, aesthetic and the fabric of an asset as well as intangible qualities such as associations with historic people or events.
- 4.2. To assess the heritage significance of the Site this report has drawn guidance from English Heritage³ which recommends making assessments under the categories of: Evidential, Historical, Aesthetic and Communal Value.
- 4.3. The significance of the Site will be assessed using a number of significance ratings:
 - **High:** A feature, space or theme which is significant at national or international level. These will tend to have a high cultural value and form an important element of a building or site.
 - **Medium:** A feature, space or theme which is significant at a regional or national level. These will tend to have some cultural merit and form a significant part of the building or site.
 - **Low:** A feature, space or theme which is of local or regional significance.
 - **Neutral:** A feature, space or theme which has no cultural significance but is also not considered intrusive to heritage value.
 - **Intrusive:** A feature, space or theme which detracts from heritage value.

Statement of Significance

Evidential Value: Low

*"Evidential value derives from the potential of a place to yield evidence about past human activity."*⁴

- 4.4. The main evidential significance of the Site is drawn from its place in Greenbank and Easton, and the evidence it provides in the understanding of how this Bristol suburb developed in the early twentieth century. The building of the factory is likely to have resulted in much of the adjacent residential development, which was likely the accommodation for factory workers. The existence of the factory serves as evidence that there was once an industrial hub in the local area, which also have had an impact upon the local society and economy.
- 4.5. Phases of development are discernible in the existing building fabric. The buildings, as a group, provide evidence of how industrial sites and factories developed throughout the course of the twentieth century, and over time, the different materials and techniques which were used. This is not however considered to be unique to this Site.
- 4.6. The main detractor to the evidential significance of the Site is the state of repair of the buildings and the quality of the interiors. The buildings survive as a shell retaining little or no fixtures and fittings associated with their former use. It is likely that, prior to recent strip out, the early or original fixtures and fittings were removed, specifically during the 1960s refurbishment. Extension and alteration has also truncated many of the earlier building phases, detracting from the appreciation of the early building composition which is now fragmented. As such there is little evidence left to understand the

³ English Heritage, April 2008. *Conservation Principles, Policies and Guidance for the sustainable management of the historic environment*

⁴ English Heritage, April 2008. *Conservation Principles, Policies and Guidance for the sustainable management of the historic environment*

individual uses of each building, nor are the historic uses of interior spaces any longer discernible. There is little fabric evidence to further our understanding of how this site functioned or worked holistically.

- 4.7. The Site is considered to be of evidential significance on a local level. Whilst the buildings present some interesting phasing, this is not considered to be unique or further our understanding of industrial building typologies to any great extent.

Historical Value: Low-Medium

“Historic value derives from the ways in which past people, events and aspects of life can be connected through a place to the present.”⁵

- 4.8. The main historical significance of the Site is drawn from its association with the companies which have historically undertaken chocolate production here. This formed part of an important industry during the late-nineteenth through to mid-twentieth century in Bristol, and the wider country.
- 4.9. The association with the firm Elizabeth Shaw is perhaps best known, although the firm H.J. Packer (who operated the site for most of its service period) is the most significant, and the contribution the company made to the confectionery industry in the early to mid-twentieth century.
- 4.10. In recent years the knowledge of ownership and operations of the Site has become diluted, as a result of constant change in an unstable operating period from c.1980 through to the Site’s closure in 2006. However the name H.J. Packer and their early operations at Greenbank are well documented.
- 4.11. Whilst the historic operations at the Site are of interest on a local level, a Medium significance rating is attributed to the association with H.J. Packer and Co and their involvement in the confectionery industry in the early twentieth century and particularly the economy end of the market which it held a large share. However, the company is likely to be out of the public consciousness (beyond the local region) as a result of several takeovers which resulted in the name being lost.
- 4.12. The Site has local social historic interest as it would have formed a key part of the local economy, as well as being a main employer in Bristol, and specifically, the Greenbank and Easton area.
- 4.13. The architects of the building have been identified through research. The buildings association with the Bristol based firms are considered to be of local interest and of low significance.

Aesthetic Value: Low

“Aesthetic value derives from the ways in which people draw sensory and intellectual stimulation from a place.”⁶

- 4.14. The early building stock within the Site is considered to be of some aesthetic significance. The structures, for the main part, are not considered to be decoratively attended and the Site was not afforded the decorative factory *façade* so often noted to derive from the 1920s and 1930s, when large ornate corporate and public elevations were constructed upon factories. Features such as loading doors, segmental arch windows, and brick masonry, contribute to an appreciation of the building group, and an understanding of the historic industrial aesthetic. Later phases of construction at the Site were more utilitarian in form, and in many cases truncated the earlier buildings, detracting from their significance. However, a chronology of construction is discernible in the Site, and can still be appreciated through the building stock.

⁵ Ibid

⁶ Ibid

- 4.15. The main detractor from the aesthetic quality is the buildings' state of repair. In the years since the factory's closure, the buildings have fallen into a derelict state. The extent to which the building stock can be appreciated is limited, especially as access to the Site is very restricted. The interiors, and spaces between factory ranges, have been viewed to be in a very poor state of repair, retaining little of their original fixtures and fittings. The limited aesthetic value of the Site is therefore found in its group value, and appreciation of scale and the manner in which it was expanded. The structures considered to be of highest aesthetic quality derive the external elevations from the original phases, although these are the buildings in the poorest state of repair, which are also the most altered.
- 4.16. The most significant building within the Site, in terms of aesthetic quality, is the former office located at the corner of Turley Road and Co-Operation Road. The front stone elevation is of aesthetic merit and displays a classically influenced design. This was perhaps the only 'public' façade of the Site designed to impress visitors with its formal composition and ornamentation. The windows have been replaced in recent years with PVC which has detracted from its aesthetic character. The interior, which would have likely been ornate in 'public areas', has been unsympathetically stripped of fixtures and fittings. The original or early features within the building, which are considered to be of aesthetic merit, include the principal stair and timber entrance door and surround.

Communal Value: Low

*"Communal value derives from the meanings of a place for the people who relate to it, or for whom it figures in their collective experience or memory"*⁷

- 4.17. The Site is of communal significance on a local level. The factory, until 2006, formed a central part of the Greenbank community in Easton, and an important part of the local economy as a major employer. The Site is still very much valued by the local community with active local groups championing its history and future reuse. Beyond the Bristol area the Site is not believed to be widely known in the public consciousness.
- 4.18. There is currently little opportunity for communal engagement with the Site as access is very limited. As such, there is no interaction through which the public can appreciate and enhance their understanding of the Site or its heritage significance.

⁷Ibid

5. Overview & Summary

- 5.1. This scheme of archaeological building recording has been undertaken to comply with a planning condition which required a scheme of archaeological building recording of the former Elizabeth Shaw Chocolate Factory, located in Bristol. This was completed prior to the partial demolition of the former factory buildings. The buildings have been deemed unsafe for internal access, with exception of the office building, and as such the record has been limited to the external elevations.
- 5.2. This report provides an overview history, description and interpretation of the Site. The archive contains measured floor plans and a photographic record.
- 5.3. The scheme of building recording has revealed a multi-phased factory constructed in 1901, by H.J. Packer, and extended with the latest major building phase in the 1960's. Cartographic evidence and historic documents suggest that the earliest buildings on the Site comprised three ranges at the west end of the Site, a fourth brick range was constructed, on the east side, soon after the original phase.
- 5.4. A formal office was constructed at the corner of Turley Road and Co-Operation Street between 1913 and 1918. This was the most formally designed structure in the Site with a classically influenced stone *façade*. In c.1918 a reinforced concrete range was constructed on the east side of the earlier factory buildings. This was extended during a major refurbishment in c.1960 with additional reinforced concrete framed buildings. The Site has been subject to minor alterations since this period. The factory, after several transitions in ownership, closed in 2006. The buildings are now in a poor state of repair.
- 5.5. A record of the exterior of the buildings revealed a discernible phased chronology of the Site's architectural development. Access to the interior was not possible, due to health and safety reasons, during this scheme of recording. Photographs of the buildings' interiors, taken in October 2014, have supplemented the building record. The interiors of the buildings were found to be in a poor state of repair in 2014. Areas which were accessed suggest that most original or early fixtures and fittings had been removed from the Site. Early fixtures and fittings were likely removed when the Site was extensively refurbished in the 1960s and also when the Site was closed in 2006.
- 5.6. This scheme of research and building recording has produced an accurate outline phased chronology of the Site's development. However, there is limited information pertaining to the uses of individual buildings and how these have developed as a result of interiors stripped of fixtures and fittings.
- 5.7. The former chocolate factory is of local significance. Internally the buildings have lost most of their early or original fixtures or fittings. However, analysis of the external fabric tells the story of how the factory was developed in the period 1901-c.1960. The Site is also considered significant, in historical terms, which is drawn from its association with chocolate and confectionary companies and also its contribution to local economic and social history.

6. References and Sources

Bibliography

Bristol City Council, 2011, *Bristol Development Framework: Core Strategy*

Department for Communities and Local Government, March 2012. *National Planning Policy Framework*

English Heritage, October 2011. *The Setting of Heritage Assets*

English Heritage, April 2008. *Conservation Principles – Policies and guidance for the sustainable management of the historic environment*

H.J. Packer & Co., 1906, *Reception 6th-8th Sept 1906*, E.S. & A. Robinson Ltd

Chartered Institute for Archaeologists, December 2014. *Standard and guidance for the archaeological investigation and recording of standing buildings or structures*

Penny, J, undated, *A Short History of the Greenbank Chocolate Factory*,

Waterman Energy Environment and Design Ltd (formerly Waterman CPM), September 2008, *Elizabeth Shaw Factory, Greenbank Road, Lower Easton, Bristol*

Waterman Energy Environment and Design Ltd, January 2015, *Elizabeth Shaw Factory, Greenbank, Bristol: Written Scheme of Investigation for Archaeological Building Recording*

APPENDICES

A. Historic Photographs

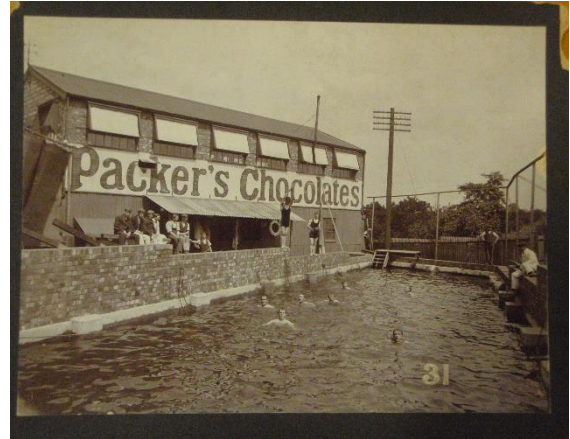
1906 Photographs (Bristol Records Office Document Reference: 43258/IM/Ph/1/1/2):

Figure 1: Girls' Meal Room



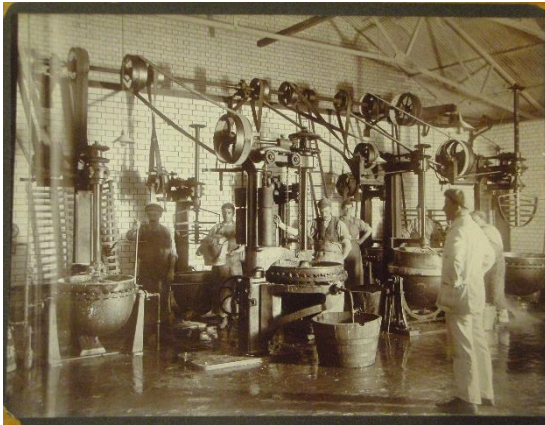
Source: Bristol Record Office

Figure 2: Swimming Bath



Source: Bristol Record Office

Figure 3: Making Caramel



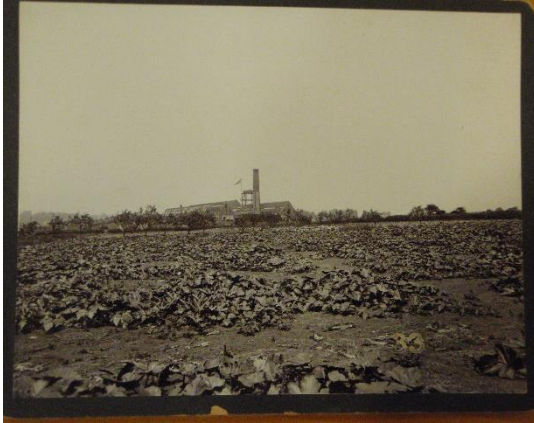
Source: Bristol Record Office

Figure 4: 7 acre future recreation ground



Source: Bristol Record Office

Figure 5: 7 acre future recreation ground



Source: Bristol Record Office

Figure 6: Carpenters' Workshop



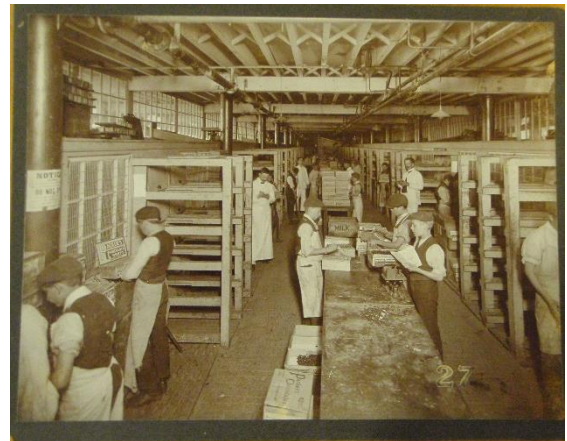
Source: Bristol Record Office

Figure 7: Despatch Rooms



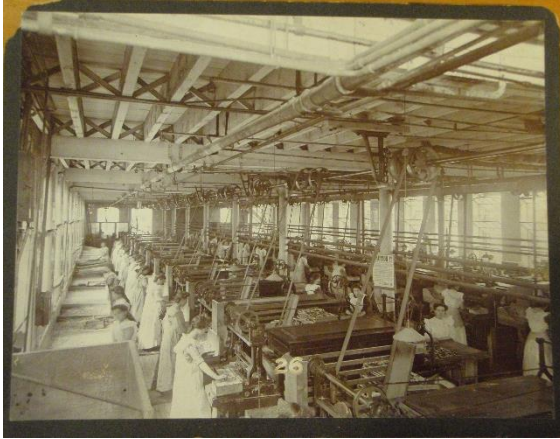
Source: Bristol Record Office

Figure 8: Drop Chocolate Room



Source: Bristol Record Office

Figure 9: Machine Room containing 35 Coating Machines



Source: Bristol Record Office

Figure 10: Area where Conquest Chocolates and travellers samples are packed



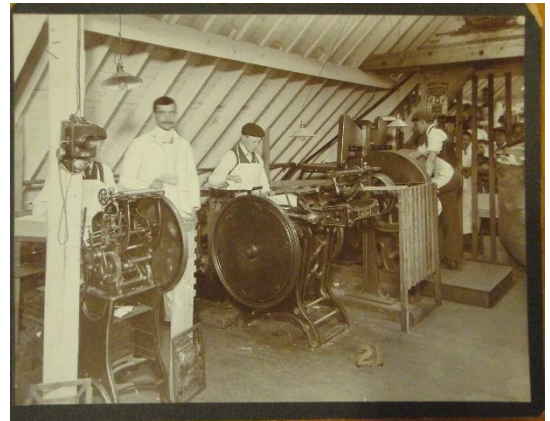
Source: Bristol Record Office

Figure 11: Box Labelling Room



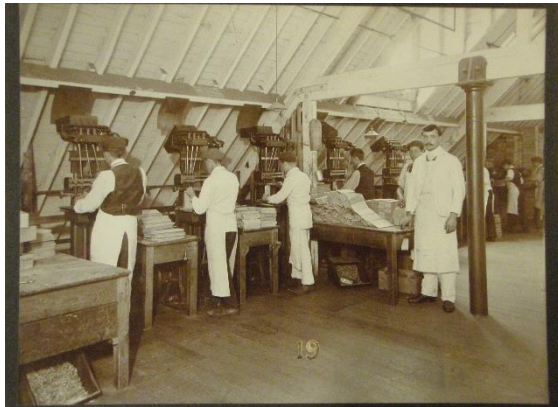
Source: Bristol Record Office

Figure 12: Printing Department



Source: Bristol Record Office

Figure 13: Box Making Department



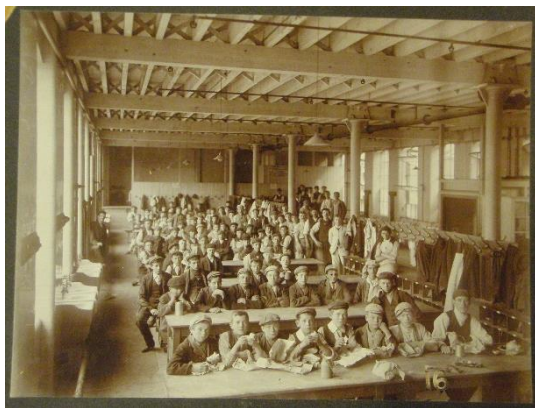
Source: Bristol Record Office

Figure 14: Attic of No.2 Building; hot room for glucose and gas ovens for biscuit making



Source: Bristol Record Office

Figure 15: Mens' Meal Room



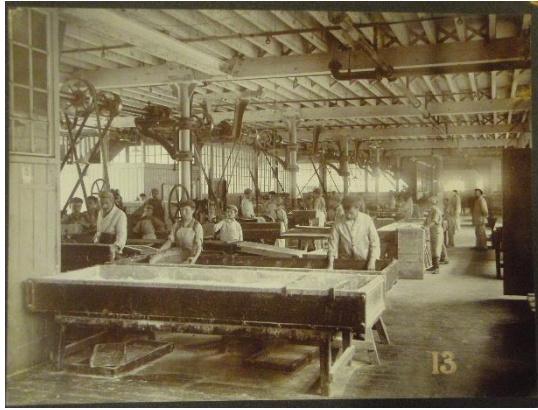
Source: Bristol Record Office

Figure 16: Starch Room



Source: Bristol Record Office

Figure 17: Caramels and nougat being cooled and cut up.



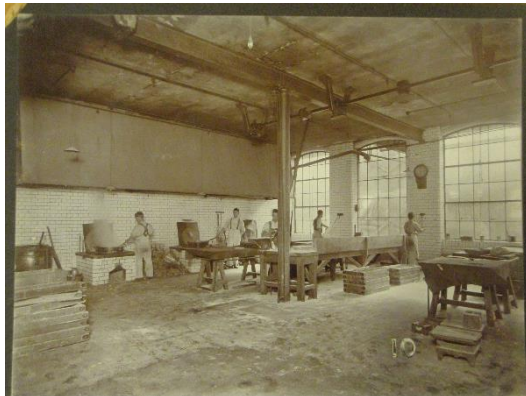
Source: Bristol Record Office

Figure 18: Area used for the manufacture of Cream for crystallizing and for interiors of Conquest Chocolates.



Source: Bristol Record Office

Figure 19: Boiling Shop



Source: Bristol Record Office

Figure 20: Interior image of factory



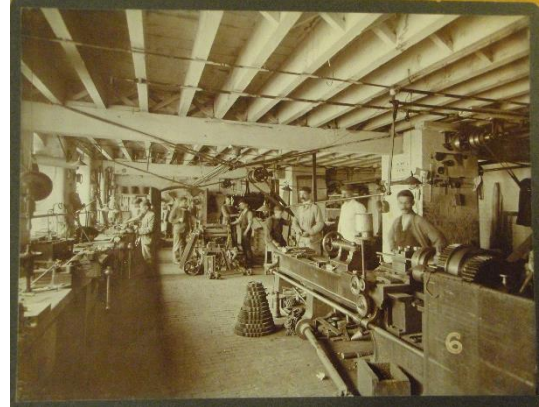
Source: Bristol Record Office

Figure 21: Separate department for Conquest Chocolates



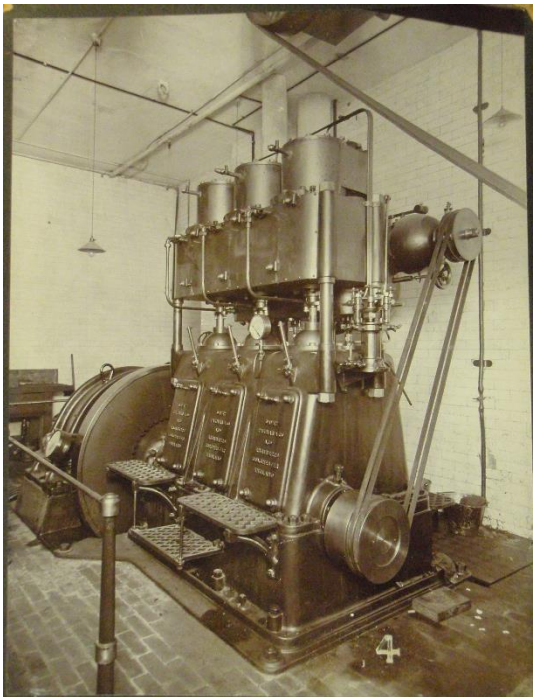
Source: Bristol Record Office

Figure 22: Machine maintenance and repair workshop



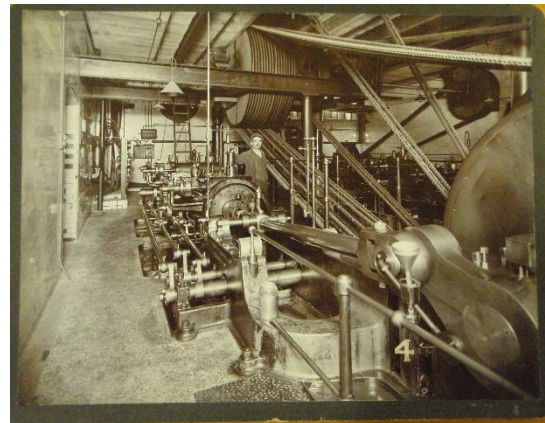
Source: Bristol Record Office

Figure 23: Engine Room



Source: Bristol Record Office

Figure 24: Engine Room



Source: Bristol Record Office

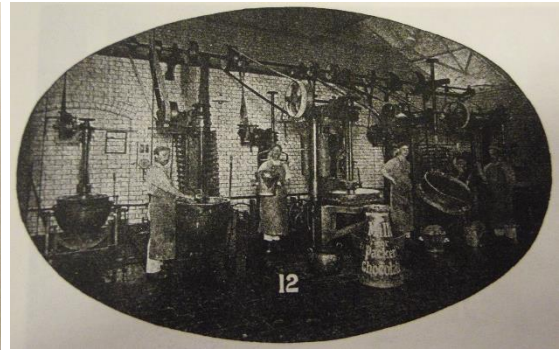
1906 Brochure (Bristol Records Office Document Reference: 43258/IM/PM/4/1):

Figure 25: No.2 Haulway



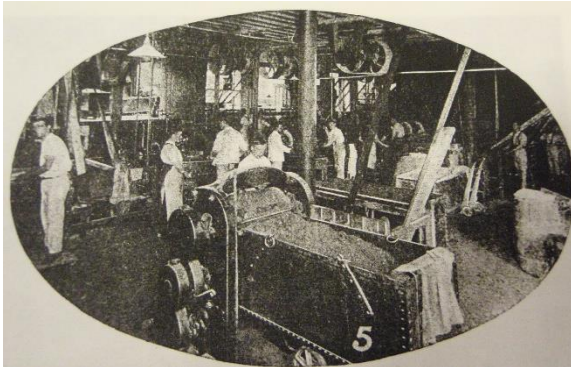
Source: Bristol Record Office

Figure 26: Pans for the manufacture of nougat and caramels



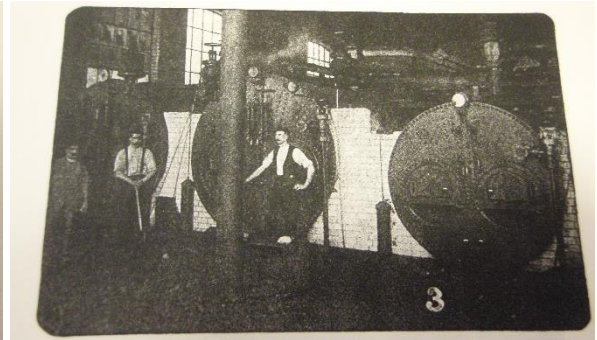
Source: Bristol Record Office

Figure 27: Cocoa processing and milling area



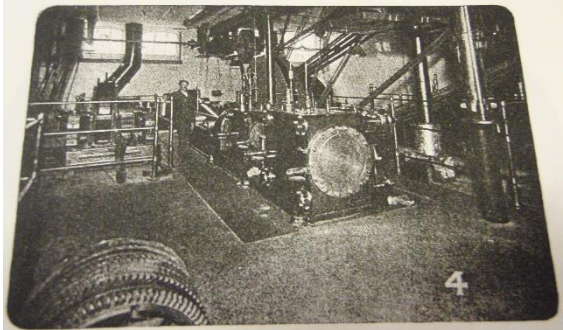
Source: Bristol Record Office

Figure 28: Boiler House



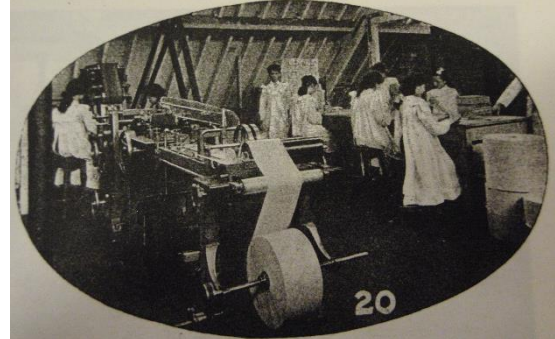
Source: Bristol Record Office

Figure 29: Engine Room



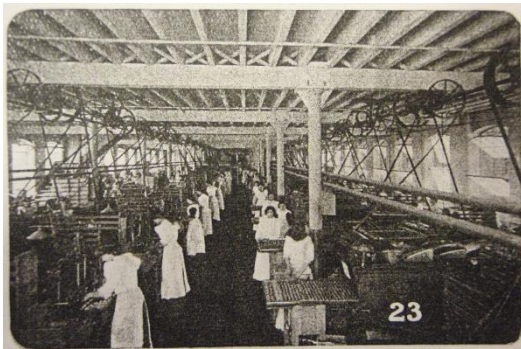
Source: Bristol Record Office

Figure 30: Bag Making Department



Source: Bristol Record Office

Figure 31: The largest machine room containing 38 Coating Machines



Source: Bristol Record Office

Figure 32: Mould Filling Department



Source: Bristol Record Office

Figure 33: Timber Shed



Source: Bristol Record Office

Figure 34: Goods leaving the Factory



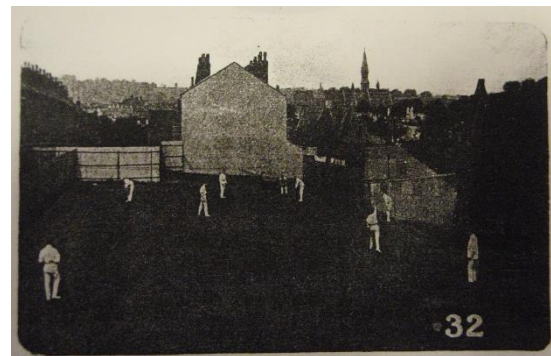
Source: Bristol Record Office

Figure 35: The Orchard



Source: Bristol Record Office

Figure 36: Cricket Pitch



Source: Bristol Record Office

Post 1906 Photographs (Bristol Records Office Document References: 43258/IM/Ph/14/1/1-3):

Figure 37: Lower Box Room on the occasion of the coronation of Elizabeth II, 2 June 1953



Source: Bristol Record Office

Ref: 43258/IM/Ph/14/1/3

Figure 38: Top Box Room Attic, 1953



Source: Bristol Record Office

Ref: 43258/IM/Ph/14/1/2

Figure 39: Retirement Party for MR Weaver, 1962



Source: Bristol Record Office

Ref: 43258/IM/Ph/14/1/1



B. Photographic Register

Project number (OASIS Ref)	Photo number	Building	Description	Direction from	Portrait (P)/ Landscape (L)	Taken by	Date
Waterman2-202132	IMG_1	Security Office	General view of security office	West	L	T Murphy	27/10/2015
Waterman2-202132	IMG_2	Elizabeth Shaw Office	Detail of hopper and downpipe in south elevation	South	L	T Murphy	27/10/2015
Waterman2-202132	IMG_3	Elizabeth Shaw Office	General view of ground floor	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_4	Elizabeth Shaw Office	General view of ground floor	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_5	Elizabeth Shaw Office	General view of ground floor	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_6	Elizabeth Shaw Office	General view of ground floor	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_7	Elizabeth Shaw Office	Detail of main stair	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_8	Elizabeth Shaw Office	Detail of main stair	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_9	Elizabeth Shaw Office	Detail of main stair	N/A	P	T Murphy	27/10/2015
Waterman2-202132	IMG_10	Elizabeth Shaw Office	Detail of main stair	N/A	P	T Murphy	27/10/2015
Waterman2-202132	IMG_11	Elizabeth Shaw Office	Detail of main stair	N/A	P	T Murphy	27/10/2015
Waterman2-202132	IMG_12	Elizabeth Shaw Office	Detail of main stair newel post	N/A	P	T Murphy	27/10/2015
Waterman2-202132	IMG_13	Elizabeth Shaw Office	View of front principal door	N/A	P	T Murphy	27/10/2015
Waterman2-202132	IMG_14	Elizabeth Shaw Office	View of front/west elevation ground floor behind hoarding	N/A	P	T Murphy	27/10/2015
Waterman2-202132	IMG_15	Elizabeth Shaw Office	General View of first floor	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_16	Elizabeth Shaw Office	General View of first floor	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_17	Elizabeth Shaw Office	View of basement room in north east corner	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_18	Elizabeth Shaw Office	View of service passage in basement	East	P	T Murphy	27/10/2015
Waterman2-202132	IMG_19	Elizabeth Shaw Office	View of basement strong room	East	L	T Murphy	27/10/2015
Waterman2-202132	IMG_20	Elizabeth Shaw Office	View of ground floor to basement stair in south east corner	South	P	T Murphy	27/10/2015
Waterman2-202132	IMG_21	Factory Ranges	General view of east elevation of main factory range	East	L	T Murphy	27/10/2015
Waterman2-202132	IMG_22	Factory Ranges	General view of east elevation of main factory range	East	L	T Murphy	27/10/2015
Waterman2-202132	IMG_23	Factory Ranges	General view of east elevation of main factory range	East	L	T Murphy	27/10/2015
Waterman2-202132	IMG_24	Factory Ranges	General view of east elevation of main factory range	East	L	T Murphy	27/10/2015
Waterman2-202132	IMG_25	Factory Ranges	General view of east elevation of main factory range	East	L	T Murphy	27/10/2015
Waterman2-202132	IMG_26	Factory Ranges	General view of east elevation of main factory range	East	L	T Murphy	27/10/2015
Waterman2-202132	IMG_27	Factory Ranges	General view of east elevation of main factory range	East	L	T Murphy	27/10/2015
Waterman2-202132	IMG_28	Elizabeth Shaw Office	General view of south elevation	South	L	T Murphy	27/10/2015
Waterman2-202132	IMG_29	Elizabeth Shaw Office	General view of south elevation	South	L	T Murphy	27/10/2015
Waterman2-202132	IMG_30	Elizabeth Shaw Office	General view of service rooms in south west corner of basement	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_31	Elizabeth Shaw Office	General view of service rooms in south west corner of basement	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_32	Factory Ranges	General view of internal factory space in most east range (c.1918)	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_33	Factory Ranges	General view of internal factory space in most east range (c.1918)	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_34	Factory Ranges	Internal view of central (original) factory ranges	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_35	Factory Ranges	Internal view of central (original) factory ranges	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_36	Factory Ranges	Internal view of central (original) factory ranges open floor space	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_37	Factory Ranges	Internal view of central (original) factory ranges detail of column	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_38	Factory Ranges	Internal view of central (original) factory ranges blocked segmental arch windows	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_39	Factory Ranges	Internal view of central (original) factory ranges late 20th c lift installation	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_40	Factory Ranges	Internal view of central (original) factory ranges	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_41	Factory Ranges	Internal view of central (original) factory ranges	West	L	T Murphy	27/10/2015
Waterman2-202132	IMG_42	Factory Ranges	Internal view of central (original) factory ranges detail of window in north elevation	South	P	T Murphy	27/10/2015

Project number (OASIS Ref)	Photo number	Building	Description	Direction from	Portrait (P)/ Landscape (L)	Taken by	Date
Waterman2-202132	IMG_43	Factory Ranges	Internal view of central (original) factory ranges	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_44	Factory Ranges	Detail of cantilevered stair inserted in second half of 20th c	N/A	P	T Murphy	27/10/2015
Waterman2-202132	IMG_45	Factory Ranges	Detail of cantilevered stair inserted in second half of 20th c	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_46	Factory Ranges	Internal view of central (original) factory ranges	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_47	Factory Ranges	Internal view of central (original) factory ranges detail of loading door and window in north elevation	South	L	T Murphy	27/10/2015
Waterman2-202132	IMG_48	Factory Ranges	Internal view of central (original) factory ranges detail of loading door and window in north elevation	South	L	T Murphy	27/10/2015
Waterman2-202132	IMG_49	Factory Ranges	View of internal factory space in east portion added in second half of 20th c	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_50	Factory Ranges	View of interior of eastern factory range constructed c.1918	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_51	MISC	General view of car park and security office building	North west	L	T Murphy	27/10/2015
Waterman2-202132	IMG_52	Elizabeth Shaw Office	View of south elevation	South west	L	T Murphy	27/10/2015
Waterman2-202132	IMG_53	Factory Ranges	Internal view of central (original) factory ranges detail of original window in north elevation	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_54	Factory Ranges	Internal view of central (original) factory ranges detail of original window in north elevation	N/A	P	T Murphy	27/10/2015
Waterman2-202132	IMG_55	Factory Ranges	Internal view of central (original) factory ranges detail or floor/ceiling structure	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_56	Factory Ranges	Internal view of central (original) factory ranges view along north internal wall	West	P	T Murphy	27/10/2015
Waterman2-202132	IMG_57	Factory Ranges	General view of hauling way between factory ranges	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_58	Factory Ranges	General view of hauling way between factory ranges	North	P	T Murphy	27/10/2015
Waterman2-202132	IMG_59	Factory Ranges	General view of hauling way between factory ranges	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_60	Factory Ranges	General view of hauling way between factory ranges	North	P	T Murphy	27/10/2015
Waterman2-202132	IMG_61	Factory Ranges	Internal view of central (original) factory ranges	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_62	Factory Ranges	Internal view of central (original) factory ranges detail of original stair	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_63	Factory Ranges	Detail of late twentieth century chocolate waste tank	N/A	P	T Murphy	27/10/2015
Waterman2-202132	IMG_64	Factory Ranges	Detail of late twentieth century chocolate waste tank	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_65	Factory Ranges	View of bridge across hauling way at north end	East	L	T Murphy	27/10/2015
Waterman2-202132	IMG_66	Factory Ranges	View of interior of eastern factory range constructed c.1918	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_67	MISC	General view of car park and security office building	West	L	T Murphy	27/10/2015
Waterman2-202132	IMG_68	MISC	General view of car park and security office building	West	L	T Murphy	27/10/2015
Waterman2-202132	IMG_69	MISC	General view of car park and security office building	West	L	T Murphy	27/10/2015
Waterman2-202132	IMG_70	Factory Ranges	View of roof above hauling way	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_71	Factory Ranges	View of roof above hauling way	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_72	Factory Ranges	View of roof above hauling way	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_73	MISC	View from roof towards Greenbank Cemetery	South west	L	T Murphy	27/10/2015
Waterman2-202132	IMG_74	Factory Ranges	Detail of original roof structures on north side	East	P	T Murphy	27/10/2015
Waterman2-202132	IMG_75	Factory Ranges	General view of hauling way between factory ranges	North	P	T Murphy	27/10/2015
Waterman2-202132	IMG_76	Factory Ranges	General view of hauling way between factory ranges	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_77	Factory Ranges	General view of hauling way between factory ranges	North	P	T Murphy	27/10/2015
Waterman2-202132	IMG_78	Factory Ranges	General view of hauling way between factory ranges detail of bridge	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_79	Factory Ranges	General view of hauling way between factory ranges detail of bridge	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_80	Factory Ranges	General view of hauling way between factory ranges	North	P	T Murphy	27/10/2015
Waterman2-202132	IMG_81	Factory Ranges	View of original loading door in north elevation	South west	L	T Murphy	27/10/2015
Waterman2-202132	IMG_82	Factory Ranges	Exterior view of interested stair bay inserted in second half of 20th c	South west	P	T Murphy	27/10/2015
Waterman2-202132	IMG_83	Factory Ranges	Detail of original/early internal tiles	N/A	P	T Murphy	27/10/2015
Waterman2-202132	IMG_84	Factory Ranges	View of south elevation of early factory ranges with late 20th additions	East	P	T Murphy	27/10/2015

Project number (OASIS Ref)	Photo number	Building	Description	Direction from	Portrait (P)/ Landscape (L)	Taken by	Date
Waterman2-202132	IMG_85	Factory Ranges	View of hauling way at south extent	South	P	T Murphy	27/10/2015
Waterman2-202132	IMG_86	Factory Ranges	General view of south elevations	East	P	T Murphy	27/10/2015
Waterman2-202132	IMG_87	Power House	General View of Power House	East	P	T Murphy	27/10/2015
Waterman2-202132	IMG_88	Factory Ranges	General view of south elevations	South west	L	T Murphy	27/10/2015
Waterman2-202132	IMG_89	Factory Ranges	View of hauling way at south extent	South	P	T Murphy	27/10/2015
Waterman2-202132	IMG_90	Factory Ranges	View of south elevation of west factory range	South east	P	T Murphy	27/10/2015
Waterman2-202132	IMG_91	Factory Ranges	View of hauling way at south extent	South	L	T Murphy	27/10/2015
Waterman2-202132	IMG_92	Factory Ranges	View of south elevation of west factory range	South	P	T Murphy	27/10/2015
Waterman2-202132	IMG_93	Factory Ranges	View of south elevation of west factory range	South west	L	T Murphy	27/10/2015
Waterman2-202132	IMG_94	Factory Ranges	Detail of fixing for barrier to ground floor loading door	N/A	P	T Murphy	27/10/2015
Waterman2-202132	IMG_95	Factory Ranges	General view of south elevations	East	P	T Murphy	27/10/2015
Waterman2-202132	IMG_96	Factory Ranges	General view of south elevations	West	P	T Murphy	27/10/2015
Waterman2-202132	IMG_97	Factory Ranges	General view of south elevations	East	L	T Murphy	27/10/2015
Waterman2-202132	IMG_98	MISC	View towards site from Greenbank Road	North east	L	T Murphy	27/10/2015
Waterman2-202132	IMG_99	MISC	View along Turley Road towards site	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_100	Elizabeth Shaw Office	View of front/west elevation	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_101	Elizabeth Shaw Office	Detail of Rainwater goods and parapet on front/west elevation	N/A	L	T Murphy	27/10/2015
Waterman2-202132	IMG_102	MISC	View of site from east extent	East	L	T Murphy	27/10/2015
Waterman2-202132	IMG_103	Elizabeth Shaw Office	View of front/west elevation	North west	L	T Murphy	27/10/2015
Waterman2-202132	IMG_104	Factory Ranges	View of north elevations of factory ranges fronting onto Co-Operation Road	East	P	T Murphy	27/10/2015
Waterman2-202132	IMG_105	Elizabeth Shaw Office	View of front/west elevation	West	L	T Murphy	27/10/2015
Waterman2-202132	IMG_106	Factory Ranges	View of north elevations of factory ranges fronting onto Co-Operation Road	West	P	T Murphy	27/10/2015
Waterman2-202132	IMG_107	Factory Ranges	Detail of north elevation of original factory range	North	P	T Murphy	27/10/2015
Waterman2-202132	IMG_108	Factory Ranges	View of north elevations of factory ranges fronting onto Co-Operation Road	West	P	T Murphy	27/10/2015
Waterman2-202132	IMG_109	Factory Ranges	View of north elevations of factory ranges fronting onto Co-Operation Road	East	P	T Murphy	27/10/2015
Waterman2-202132	IMG_110	Factory Ranges	Detail of north elevation of original factory range	North	P	T Murphy	27/10/2015
Waterman2-202132	IMG_111	Factory Ranges	Detail of north elevation of original factory range	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_112	Factory Ranges	Detail of north elevation of original factory range	North	P	T Murphy	27/10/2015
Waterman2-202132	IMG_113	Factory Ranges	Detail of north west corner of site	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_114	Factory Ranges	Detail of original windows in east elevation of factory	North west	P	T Murphy	27/10/2015
Waterman2-202132	IMG_115	Factory Ranges	Detail of north west corner of site	North	L	T Murphy	27/10/2015
Waterman2-202132	IMG_116	Factory Ranges	View of north elevations of factory ranges fronting onto Co-Operation Road	West	P	T Murphy	27/10/2015
Waterman2-202132	IMG_117	Factory Ranges	View of north elevations of factory ranges fronting onto Co-Operation Road	West	L	T Murphy	27/10/2015
Waterman2-202132	IMG_118	MISC	General view of access at south west corner of site	West	P	T Murphy	27/10/2015
Waterman2-202132	IMG_119	Factory Ranges	Detail of south elevation of eastern factory range	South west	L	T Murphy	27/10/2015
Waterman2-202132	IMG_120	MISC	General view of south elevations of power house from railways footpath at south	South	L	T Murphy	27/10/2015
Waterman2-202132	IMG_121	MISC	General view of south elevations of factory ranges from railways footpath at south	South	L	T Murphy	27/10/2015
Waterman2-202132	IMG_122	MISC	General view of south elevations of factory ranges from railways footpath at south	South	L	T Murphy	27/10/2015
Waterman2-202132	IMG_123	MISC	General view of south elevations of factory ranges from railways footpath at south	South	L	T Murphy	27/10/2015
Waterman2-202132	IMG_124	MISC	General view of south elevations of factory ranges from railways footpath at south	South	L	T Murphy	27/10/2015
Waterman2-202132	IMG_125	MISC	View of railway footpath at south of site	West	L	T Murphy	27/10/2015
Waterman2-202132	IMG_126	MISC	View of site from Greenbank Road	East	L	T Murphy	27/10/2015

Project number	Photo number	Figure reference number	Building	Description	Direction from	Portrait (P)/ Landscape (L)	Taken by	Date
EED13609	IMG_1739	A1	Factory Ranges	View of entrance at south west corner of site	West	l	S Parker	03.02.2015
EED13609	IMG_1740	A2	Factory Ranges	View of entrance at south west corner of site	South west	p	S Parker	03.02.2015
EED13609	IMG_1741	A3	Factory Ranges	View of entrance at south west corner of site	South west	p	S Parker	03.02.2015
EED13609	IMG_1742	A4	Factory Ranges	View of east elevation of east range	North west	l	S Parker	03.02.2015
EED13609	IMG_1743	A5	Factory Ranges	View of north west corner of factory ranges	North west	l	S Parker	03.02.2015
EED13609	IMG_1744	A6	Factory Ranges	View of north elevation of factory ranges along Co-Operation Street	West	l	S Parker	03.02.2015
EED13609	IMG_1745	A7	Factory Ranges	View of upper portion of north elevation of west factory range	North	l	S Parker	03.02.2015
EED13609	IMG_1746	A8	Factory Ranges	View of lower portion of north elevation of west factory range	North	l	S Parker	03.02.2015
EED13609	IMG_1747	A9	Old reception/security office	Security office adjacent to entrance at south west corner of site	South east	l	S Parker	03.02.2015
EED13609	IMG_1748	A10	Factory Ranges	View of south elevation of west factory range	South	p	S Parker	03.02.2015
EED13609	IMG_1749	A11	Factory Ranges	View of south elevation of west factory range	South	l	S Parker	03.02.2015
EED13609	IMG_1750	A12	Factory Ranges	View of south elevation of west factory range	South	l	S Parker	03.02.2015
EED13609	IMG_1751	A13	Factory Ranges	View of south elevation of west factory range	South	l	S Parker	03.02.2015
EED13609	IMG_1752	A14	Factory Ranges	View of south elevation of west factory range	South	l	S Parker	03.02.2015
EED13609	IMG_1753	A15	Factory Ranges	View of east elevation , south extent, of west factory range	South east	p	S Parker	03.02.2015
EED13609	IMG_1754	A16	Factory Ranges	View of western hauling way	South	l	S Parker	03.02.2015
EED13609	IMG_1755	A17	Factory Ranges	View of western hauling way	South	l	S Parker	03.02.2015
EED13609	IMG_1756	A18	Factory Ranges	View of western hauling way	South	l	S Parker	03.02.2015
EED13609	IMG_1757	A19	Factory Ranges	View of western hauling way	South west	l	S Parker	03.02.2015
EED13609	IMG_1758	A20	Factory Ranges	View of western hauling way	South	l	S Parker	03.02.2015
EED13609	IMG_1759	A21	Factory Ranges	View of western hauling way	South	l	S Parker	03.02.2015
EED13609	IMG_1760	A22	Factory Ranges	View of original window in east elevation of western range	East	p	S Parker	03.02.2015
EED13609	IMG_1761	A23	Factory Ranges	View of original windows in east elevation of western range	South east	p	S Parker	03.02.2015
EED13609	IMG_1762	A24	Factory Ranges	View of roof to hauling way	South	l	S Parker	03.02.2015
EED13609	IMG_1763	A25	Factory Ranges	View of south elevation of factory range	South west	l	S Parker	03.02.2015
EED13609	IMG_1764	A26	Factory Ranges	View of south elevations of factory ranges	South west	l	S Parker	03.02.2015
EED13609	IMG_1765	A27	Factory Ranges	View of south elevations of factory ranges	South west	p	S Parker	03.02.2015
EED13609	IMG_1766	A28	Factory Ranges	View of south elevations of factory ranges	South west	p	S Parker	03.02.2015
EED13609	IMG_1767	A29	Power House	View of north elevation of power house	North west	l	S Parker	03.02.2015
EED13609	IMG_1768	A30	Power House	View of north elevation of power house	North west	l	S Parker	03.02.2015
EED13609	IMG_1769	A31	Factory Ranges	View of arch in north elevation of factory ranges	South	l	S Parker	03.02.2015
EED13609	IMG_1770	A32	Factory Ranges	View of arch in north elevation of factory ranges	South	l	S Parker	03.02.2015
EED13609	IMG_1771	A33	Factory Ranges	View of hauling way roof	South	l	S Parker	03.02.2015
EED13609	IMG_1772	A34	Factory Ranges	View of hauling way roof	South	p	S Parker	03.02.2015
EED13609	IMG_1773	A35	Factory Ranges	View of hauling way roof	South	p	S Parker	03.02.2015
EED13609	IMG_1774	A36	Factory Ranges	View of hauling way	South east	l	S Parker	03.02.2015
EED13609	IMG_1775	A37	Factory Ranges	View of hauling way	South west	l	S Parker	03.02.2015
EED13609	IMG_1776	A38	Factory Ranges	View of south elevation of factory range	South	l	S Parker	03.02.2015
EED13609	IMG_1777	A39	Factory Ranges	View of south elevation of factory range	South	l	S Parker	03.02.2015
EED13609	IMG_1778	A40	Factory Ranges	View of south elevation of factory range first floor loading door	South	l	S Parker	03.02.2015
EED13609	IMG_1779	A41	Factory Ranges	View of south elevation of factory range ground floor loading door	South west	p	S Parker	03.02.2015
EED13609	IMG_1780	A42	Factory Ranges	Detail of barrier fixing to ground floor loading door	South west	p	S Parker	03.02.2015

Project number	Photo number	Figure reference number	Building	Description	Direction from	Portrait (P)/ Landscape (L)	Taken by	Date
EED13609	IMG_1781	A43	Factory Ranges	Detail of barrier fixing to ground floor loading door	South east	p	S Parker	03.02.2015
EED13609	IMG_1782	A44	Factory Ranges	Detail of cill and blocked window in south elevation of factory range	South east	p	S Parker	03.02.2015
EED13609	IMG_1783	A45	Factory Ranges	Detail of cill and blocked window in south elevation of factory range	South	l	S Parker	03.02.2015
EED13609	IMG_1784	A46	Power House	View of north east corner of powerhouse	North east	l	S Parker	03.02.2015
EED13609	IMG_1785	A47	Power House	View of north east corner of powerhouse	North east	l	S Parker	03.02.2015
EED13609	IMG_1786	A48	Power House	View of east elevation	East	l	S Parker	03.02.2015
EED13609	IMG_1787	A49	Power House	View of east elevation	East	p	S Parker	03.02.2015
EED13609	IMG_1788	A50	Power House	View of east elevation	East	l	S Parker	03.02.2015
EED13609	IMG_1789	A51	Factory Ranges	View of hauling way roof	South	p	S Parker	03.02.2015
EED13609	IMG_1790	A52	Factory Ranges	View of hauling way	South east	l	S Parker	03.02.2015
EED13609	IMG_1791	A53	Factory Ranges	View of hauling way	South	l	S Parker	03.02.2015
EED13609	IMG_1792	A54	Factory Ranges	View of hauling way	South	l	S Parker	03.02.2015
EED13609	IMG_1793	A55	Factory Ranges	View of stair addition to south elevation of factory range	West	p	S Parker	03.02.2015
EED13609	IMG_1794	A56	Factory Ranges	View of south elevation of factory range	South	p	S Parker	03.02.2015
EED13609	IMG_1795	A57	Factory Ranges	View of south elevation of factory range with loading door	South	p	S Parker	03.02.2015
EED13609	IMG_1796	A58	Factory Ranges	View of stair addition to south elevation of factory range	South east	l	S Parker	03.02.2015
EED13609	IMG_1797	A59	Factory Ranges	View of south elevation of factory ranges	South east	l	S Parker	03.02.2015
EED13609	IMG_1798	A60	Factory Ranges	View of south elevation of factory ranges	South east	l	S Parker	03.02.2015
EED13609	IMG_1799	A61	Factory Ranges	Detail of c.1960 addition to south elevation of factory range	South	p	S Parker	03.02.2015
EED13609	IMG_1800	A62	Factory Ranges	View of south east corner of factory range	East	p	S Parker	03.02.2015
EED13609	IMG_1801	A63	Factory Ranges	View of east elevation of eastern factory range	East	l	S Parker	03.02.2015
EED13609	IMG_1802	A64	Factory Ranges	View of east elevation of eastern factory range	East	l	S Parker	03.02.2015
EED13609	IMG_1803	A65	Factory Ranges	View of east elevation of eastern factory range	East	l	S Parker	03.02.2015
EED13609	IMG_1804	A66	Factory Ranges	View of east elevation of eastern factory range	East	l	S Parker	03.02.2015
EED13609	IMG_1805	A67	Elizabeth Shaw Offices	View of south elevation	South	l	S Parker	03.02.2015
EED13609	IMG_1806	A68	Factory Ranges	View of east elevation of eastern factory range detail of loading door	East	l	S Parker	03.02.2015
EED13609	IMG_1807	A69	Factory Ranges	View of east elevation of eastern factory range detail of window	East	l	S Parker	03.02.2015
EED13609	IMG_1808	A70	Original Entrance Gate	View of entrance from corner of Turley Road and Co-Operation Street	South	l	S Parker	03.02.2015
EED13609	IMG_1809	A71	Original Entrance Gate	View of entrance from corner of Turley Road and Co-Operation Street	South	l	S Parker	03.02.2015
EED13609	IMG_1810	A72	Original Entrance Gate	View of entrance from corner of Turley Road and Co-Operation Street	South	l	S Parker	03.02.2015
EED13609	IMG_1811	A73	Elizabeth Shaw Offices	South elevation and entrance	South west	l	S Parker	03.02.2015
EED13609	IMG_1812	A74	Elizabeth Shaw Offices	Elizabeth Shaw sign above south entrance	South	l	S Parker	03.02.2015
EED13609	IMG_1813	A75	Elizabeth Shaw Offices	Elizabeth Shaw sign above south entrance	South	l	S Parker	03.02.2015
EED13609	IMG_1814	A76	Security Office	General view	North west	l	S Parker	03.02.2015
EED13609	IMG_1815	A77	Security Office	General view	North west	l	S Parker	03.02.2015
EED13609	IMG_1816	A78	Factory Ranges - interior	View inside (arched south elevation) factory range (camera held through hole in door	N/A	l	S Parker	03.02.2015
EED13609	IMG_1817	A79	Factory Ranges - interior	View inside (arched south elevation) factory range (camera held through hole in door	N/A	l	S Parker	03.02.2015
EED13609	IMG_1818	A80	Factory Ranges - interior	View inside (arched south elevation) factory range (camera held through hole in door	N/A	l	S Parker	03.02.2015
EED13609	IMG_1819	A81	Factory Ranges - interior	View inside (arched south elevation) factory range (camera held through hole in door	N/A	p	S Parker	03.02.2015
EED13609	IMG_1820	A82	Factory Ranges - interior	View inside (arched south elevation) factory range (camera held through hole in door	N/A	p	S Parker	03.02.2015
EED13609	IMG_1821	A83	Factory Ranges - interior	View inside (arched south elevation) factory range (camera held through hole in door	N/A	p	S Parker	03.02.2015
EED13609	IMG_1822	A84	Factory Ranges - interior	View inside (arched south elevation) factory range (camera held through hole in door	N/A	l	S Parker	03.02.2015

50mm Lens

Project number	Photo number	Figure reference number	Building	Description	Direction from	Portrait (P)/ Landscape (L)	Taken by	Date
EED13609	IMG_1823	A85	Factory Ranges - interior	View inside (arched south elevation) factory range (camera held through hole in door	N/A	I	S Parker	03.02.2015

Wide-Angle Lens

Project number	Photo number	Figure reference number	Building	Description	Direction from	Portrait (P)/ Landscape (L)	Taken by	Date
EED13609	IMG_0858	B1	Factory Ranges	View of bridge in hauling way between ranges	South	l	S Parker	03.02.2015
EED13609	IMG_0859	B2	Factory Ranges	View of bridge in hauling way between ranges	South	l	S Parker	03.02.2015
EED13609	IMG_0860	B3	Factory Ranges	View of bridge in hauling way between ranges	South	l	S Parker	03.02.2015
EED13609	IMG_0861	B4	Factory Ranges	View of bridge in hauling way between ranges	South	l	S Parker	03.02.2015
EED13609	IMG_0862	B5	Factory Ranges	View of roof in hauling way between ranges	South	l	S Parker	03.02.2015
EED13609	IMG_0863	B6	Factory Ranges	View of roof in hauling way between ranges	South	l	S Parker	03.02.2015
EED13609	IMG_0864	B7	Factory Ranges	Detail of hauling way between ranges	South	l	S Parker	03.02.2015
EED13609	IMG_0865	B8	Factory Ranges	Detail of hauling way between ranges	South	l	S Parker	03.02.2015
EED13609	IMG_0866	B9	Factory Ranges	Detail of corbel feature supporting hauling way roof structure	South	l	S Parker	03.02.2015
EED13609	IMG_0867	B10	Factory Ranges	Detail of corbel feature supporting hauling way roof structure	South	l	S Parker	03.02.2015
EED13609	IMG_0868	B11	Factory Ranges	View of blocked window in hauling way	South west	p	S Parker	03.02.2015
EED13609	IMG_0869	B12	Factory Ranges	View of original windows in south gable of west factory range	South west	p	S Parker	03.02.2015
EED13609	IMG_0870	B13	Factory Ranges	View of roof structure above hauling way	South	l	S Parker	03.02.2015
EED13609	IMG_0871	B14	Elizabeth Shaw Offices	View across car park towards Elizabeth Shaw Offices	South east	l	S Parker	03.02.2015
EED13609	IMG_0872	B15	Factory Ranges	East elevation of east factory range	East	l	S Parker	03.02.2015
EED13609	IMG_0873	B16	Factory Ranges	East elevation of east factory range	East	l	S Parker	03.02.2015
EED13609	IMG_0874	B17	Factory Ranges	View of factory ranges at south east corner	East	l	S Parker	03.02.2015
EED13609	IMG_0875	B18	Factory Ranges	View of south elevation of factory ranges detailing later insertion:	South east	p	S Parker	03.02.2015
EED13609	IMG_0876	B19	Factory Ranges	View of south elevation gable of factory range with later 20th c addition:	South east	p	S Parker	03.02.2015
EED13609	IMG_0877	B20	Factory Ranges	View of south elevation gable of factory range with later 20th c addition:	South east	l	S Parker	03.02.2015
EED13609	IMG_0878	B21	Factory Ranges	View of south elevation gable with blocked windows and loading door	South	p	S Parker	03.02.2015
EED13609	IMG_0879	B22	Factory Ranges	Detail of stair c.1960s stair addition to south elevation	South	p	S Parker	03.02.2015
EED13609	IMG_0880	B23	Factory Ranges	View of south elevation gable	South east	p	S Parker	03.02.2015
EED13609	IMG_0881	B24	Power House	View of east elevation	East	l	S Parker	03.02.2015
EED13609	IMG_0882	B25	Power House	View of north east corner	North east	l	S Parker	03.02.2015
EED13609	IMG_0883	B26	Power House	View of north elevation	North east	l	S Parker	03.02.2015
EED13609	IMG_0884	B27	Power House	View of east elevation	North east	p	S Parker	03.02.2015
EED13609	IMG_0885	B28	Factory Ranges	View of gable in south elevation with loading door	South	p	S Parker	03.02.2015
EED13609	IMG_0886	B29	Factory Ranges	View of loading door in south elevation	South	p	S Parker	03.02.2015
EED13609	IMG_0887	B30	Factory Ranges	View of hauling way	South	p	S Parker	03.02.2015
EED13609	IMG_0888	B31	Factory Ranges	View of hauling way and south gable of factory range	South west	p	S Parker	03.02.2015
EED13609	IMG_0889	B32	Factory Ranges	Detail of arch in south gable of factory range	South	l	S Parker	03.02.2015
EED13609	IMG_0890	B33	Factory Ranges	Detail of arch in south gable of factory range	South	l	S Parker	03.02.2015
EED13609	IMG_0891	B34	Factory Ranges	Detail of brick masonry in arch in south gable of factory range	South west	p	S Parker	03.02.2015
EED13609	IMG_0892	B35	Old reception/security office	View of shed adjacent to form entrance at south west corner of site	East	l	S Parker	03.02.2015
EED13609	IMG_0893	B36	Old reception/security office	View of shed adjacent to form entrance at south west corner of site	East	l	S Parker	03.02.2015
EED13609	IMG_0894	B37	Factory Ranges	View of south gable of west factory range	South	p	S Parker	03.02.2015
EED13609	IMG_0895	B38	Factory Ranges	Detail of original window in south gable of west factory range	South	p	S Parker	03.02.2015
EED13609	IMG_0896	B39	Factory Ranges	View of hauling way	South	l	S Parker	03.02.2015
EED13609	IMG_0897	B40	Factory Ranges	View of hauling way roof	South	l	S Parker	03.02.2015
EED13609	IMG_0898	B41	Factory Ranges	View of hauling way roof	South	l	S Parker	03.02.2015
EED13609	IMG_0899	B42	Factory Ranges	View of hauling way	South	p	S Parker	03.02.2015

Wide-Angle Lens

Project number	Photo number	Figure reference number	Building	Description	Direction from	Portrait (P)/ Landscape (L)	Taken by	Date
EED13609	IMG_0900	B43	Factory Ranges	View of hauling way	South	p	S Parker	03.02.2015
EED13609	IMG_0901	B44	Factory Ranges	View of stair addition to south elevation of factory range	West	p	S Parker	03.02.2015
EED13609	IMG_0902	B45	Factory Ranges	View of c.1960s addition to south elevation of factory range	South west	p	S Parker	03.02.2015
EED13609	IMG_0903	B46	Factory Ranges	Detail of windows in east elevation of east factory range	East	l	S Parker	03.02.2015
EED13609	IMG_0904	B47	Factory Ranges	Detail of wall of former loading bay to south of factory range	South east	p	S Parker	03.02.2015
EED13609	IMG_0905	B48	Security Office	View of security offices from car park	East	l	S Parker	03.02.2015
EED13609	IMG_0906	B49	Security Office	View of security offices from car park	East	l	S Parker	03.02.2015
EED13609	IMG_0907	B50	Elizabeth Shaw Offices	View of Elizabeth Shaw Office frontage from Turley Road	North	l	S Parker	03.02.2015
EED13609	IMG_0908	B51	Elizabeth Shaw Offices	View of former entrance between office and factory ranges	North	l	S Parker	03.02.2015
EED13609	IMG_0909	B52	Elizabeth Shaw Offices	View of Elizabeth Shaw Office frontage from Turley Road	North West	l	S Parker	03.02.2015
EED13609	IMG_0910	B53	Factory Ranges	View of north elevation of eastern factory range view of Co-Operation Street	North east	l	S Parker	03.02.2015
EED13609	IMG_0911	B54	Factory Ranges	View of north elevation of eastern factory range view of Co-Operation Street	North east	l	S Parker	03.02.2015
EED13609	IMG_0912	B55	Factory Ranges	View of north elevation of eastern factory range view of Co-Operation Street	North east	l	S Parker	03.02.2015
EED13609	IMG_0913	B56	Factory Ranges	View of north elevation of eastern factory range view of Co-Operation Street	North	l	S Parker	03.02.2015
EED13609	IMG_0914	B57	Factory Ranges	View of north elevation c.1960s addition from Co-Operation Road	North	l	S Parker	03.02.2015
EED13609	IMG_0915	B58	Factory Ranges	View of north elevation of early factory range (prec.1918) from Co-operation Road	North	l	S Parker	03.02.2015
EED13609	IMG_0916	B59	Factory Ranges	View of north elevation c.1960s addition from Co-Operation Street	North	l	S Parker	03.02.2015
EED13609	IMG_0917	B60	Factory Ranges	View of north elevation of original factory range from Co-Operation Street	North	l	S Parker	03.02.2015
EED13609	IMG_0918	B61	Factory Ranges	View of north elevations and blocked hauling way from Co-Operation Street	North	l	S Parker	03.02.2015
EED13609	IMG_0919	B62	Factory Ranges	View of north elevation of original factory range from Co-Operation Street		l	S Parker	03.02.2015
EED13609	IMG_0920	B63	Factory Ranges	View of north elevations and blocked hauling way from Co-Operation Street		l	S Parker	03.02.2015
EED13609	IMG_0921	B64	Factory Ranges	View of north elevation of west factory range from Co-Operation Street	North	l	S Parker	03.02.2015
EED13609	IMG_0922	B65	Factory Ranges	View of north west corner of factory from Co-Operation Street	North west	l	S Parker	03.02.2015
EED13609	IMG_0923	B66	Factory Ranges	View of original windows in west elevation of west factory range	North west	l	S Parker	03.02.2015
EED13609	IMG_0924	B67	Factory Ranges	View of original windows in west elevation of west factory range	North west	l	S Parker	03.02.2015
EED13609	IMG_0925	B68	Factory Ranges	Detail of loading door on first floor of north elevation of factory range gable	North	l	S Parker	03.02.2015
EED13609	IMG_0926	B69	Factory Ranges	View of site from north west	North west	l	S Parker	03.02.2015
EED13609	IMG_0927	B70	Elizabeth Shaw Offices	View of front façade of Elizabeth Shaw Offices from Co-Operation Street	West	l	S Parker	03.02.2015
EED13609	IMG_0928	B71	Elizabeth Shaw Offices	Detail of parapet in façade	West	l	S Parker	03.02.2015
EED13609	IMG_0929	B72	Elizabeth Shaw Offices	Detail of corner/principal entrance	North west	p	S Parker	03.02.2015
EED13609	IMG_0930	B73	Elizabeth Shaw Offices	Detail of cornice	North	p	S Parker	03.02.2015
EED13609	IMG_0931	B74	Elizabeth Shaw Offices	Detail of upper portion of front façade	West	l	S Parker	03.02.2015
EED13609	IMG_0932	B75	Elizabeth Shaw Offices	Detail of rain water good adjacent to stone façade	South west	l	S Parker	03.02.2015
EED13609	IMG_0933	B76	Factory Ranges	View towards east elevation of east factory range	East	l	S Parker	03.02.2015
EED13609	IMG_0934	B77	Factory Ranges	View of water tower on roof of east factory range	East	l	S Parker	03.02.2015
EED13609	IMG_0935	B78	Elizabeth Shaw Offices - interior	Detail of service passage in north west corner basement	East	l	S Parker	03.02.2015
EED13609	IMG_0936	B79	Elizabeth Shaw Offices - interior	Detail of service passage in north west corner basement	East	l	S Parker	03.02.2015
EED13609	IMG_0937	B80	Elizabeth Shaw Offices - interior	Detail of service passage in north west corner basement	East	l	S Parker	03.02.2015
EED13609	IMG_0938	B81	Elizabeth Shaw Offices - interior	Detail of service passage in north west corner basement	N/A	l	S Parker	03.02.2015
EED13609	IMG_0939	B82	Elizabeth Shaw Offices - interior	Detail of service passage in north west corner basement	N/A	l	S Parker	03.02.2015
EED13609	IMG_0940	B83	Elizabeth Shaw Offices - interior	Detail of service passage in north west corner basement	N/A	l	S Parker	03.02.2015
EED13609	IMG_0941	B84	Elizabeth Shaw Offices - interior	Detail of service passage in north west corner basement	N/A	p	S Parker	03.02.2015

Wide-Angle Lens

Project number	Photo number	Figure reference number	Building	Description	Direction from	Portrait (P)/ Landscape (L)	Taken by	Date
EED13609	IMG_0942	B85	Elizabeth Shaw Offices - interior	Detail of service passage in north west corner basement	East	l	S Parker	03.02.2015
EED13609	IMG_0943	B86	Elizabeth Shaw Offices - interior	View of basement room in north east corner	West	l	S Parker	03.02.2015
EED13609	IMG_0944	B87	Elizabeth Shaw Offices - interior	View of basement room in north east corner	North	l	S Parker	03.02.2015
EED13609	IMG_0945	B88	Elizabeth Shaw Offices - interior	View of basement room in north east corner	East	l	S Parker	03.02.2015
EED13609	IMG_0946	B89	Elizabeth Shaw Offices - interior	View of basement room detail of modern window	North West	l	S Parker	03.02.2015
EED13609	IMG_0947	B90	Elizabeth Shaw Offices - interior	View of basement room	South	l	S Parker	03.02.2015
EED13609	IMG_0948	B91	Elizabeth Shaw Offices - interior	View of basement strong/archive room	East	l	S Parker	03.02.2015
EED13609	IMG_0949	B92	Elizabeth Shaw Offices - interior	View of basement strong/archive room	West	l	S Parker	03.02.2015
EED13609	IMG_0950	B93	Elizabeth Shaw Offices - interior	View of safe in basement strong /archive room	N/A	p	S Parker	03.02.2015
EED13609	IMG_0951	B94	Elizabeth Shaw Offices - interior	View of basement room on south side	South	l	S Parker	03.02.2015
EED13609	IMG_0952	B95	Elizabeth Shaw Offices - interior	View of basement room on south side	North west	l	S Parker	03.02.2015
EED13609	IMG_0953	B96	Elizabeth Shaw Offices - interior	View of basement room on south side	South	l	S Parker	03.02.2015
EED13609	IMG_0954	B97	Elizabeth Shaw Offices - interior	View of basement corridor	East	p	S Parker	03.02.2015
EED13609	IMG_0955	B98	Elizabeth Shaw Offices - interior	View of basement corridor	West	p	S Parker	03.02.2015
EED13609	IMG_0956	B99	Elizabeth Shaw Offices - interior	View of basement stair in south east corner of building	N/A	p	S Parker	03.02.2015
EED13609	IMG_0957	B100	Elizabeth Shaw Offices - interior	View of basement stair in south east corner of building	North	p	S Parker	03.02.2015
EED13609	IMG_0958	B101	Elizabeth Shaw Offices - interior	View of ground floor office/stair lobby in south east corner	North west	l	S Parker	03.02.2015
EED13609	IMG_0959	B102	Elizabeth Shaw Offices - interior	View of ground floor office/stair lobby in south east corner	North	l	S Parker	03.02.2015
EED13609	IMG_0960	B103	Elizabeth Shaw Offices - interior	View of ground floor office/stair lobby in south east corner	West	l	S Parker	03.02.2015
EED13609	IMG_0961	B104	Elizabeth Shaw Offices - interior	View of earlier ceiling above suspended ceiling on ground floor	N/A	l	S Parker	03.02.2015
EED13609	IMG_0962	B105	Elizabeth Shaw Offices - interior	View of earlier ceiling above suspended ceiling on ground floor	N/A	l	S Parker	03.02.2015
EED13609	IMG_0963	B106	Elizabeth Shaw Offices - interior	View of earlier ceiling above suspended ceiling on ground floor	N/A	l	S Parker	03.02.2015
EED13609	IMG_0964	B107	Elizabeth Shaw Offices - interior	View of ground floor	South east	l	S Parker	03.02.2015
EED13609	IMG_0965	B108	Elizabeth Shaw Offices - interior	View of ground floor	East	l	S Parker	03.02.2015
EED13609	IMG_0966	B109	Elizabeth Shaw Offices - interior	View of ground floor	North East	l	S Parker	03.02.2015
EED13609	IMG_0967	B110	Elizabeth Shaw Offices - interior	View of ground floor	West	l	S Parker	03.02.2015
EED13609	IMG_0968	B111	Elizabeth Shaw Offices - interior	View of ground floor	North West	l	S Parker	03.02.2015
EED13609	IMG_0969	B112	Elizabeth Shaw Offices - interior	View of ground floor	West	l	S Parker	03.02.2015
EED13609	IMG_0970	B113	Elizabeth Shaw Offices - interior	View of ground floor	South West	l	S Parker	03.02.2015
EED13609	IMG_0971	B114	Elizabeth Shaw Offices - interior	View of ground floor modern toilet	N/A	l	S Parker	03.02.2015
EED13609	IMG_0972	B115	Elizabeth Shaw Offices - interior	View of ground floor entrance lobby	North east	l	S Parker	03.02.2015
EED13609	IMG_0973	B116	Elizabeth Shaw Offices - interior	View of ground floor entrance lobby	North east	l	S Parker	03.02.2015
EED13609	IMG_0974	B117	Elizabeth Shaw Offices - interior	View of ground floor entrance lobby	East	l	S Parker	03.02.2015
EED13609	IMG_0975	B118	Elizabeth Shaw Offices - interior	View of ground floor entrance lobby	North	l	S Parker	03.02.2015
EED13609	IMG_0976	B119	Elizabeth Shaw Offices - interior	Elizabeth Shaw Sign	N/A	l	S Parker	03.02.2015
EED13609	IMG_0977	B120	Elizabeth Shaw Offices - interior	View of front door to Co-Operation Street	South west	l	S Parker	03.02.2015
EED13609	IMG_0978	B121	Elizabeth Shaw Offices - interior	View of front door to Co-Operation Street	N/A	p	S Parker	03.02.2015
EED13609	IMG_0979	B122	Elizabeth Shaw Offices - interior	View of front door to Co-Operation Street	N/A	p	S Parker	03.02.2015
EED13609	IMG_0980	B123	Elizabeth Shaw Offices - interior	View of front door to Co-Operation Street	N/A	p	S Parker	03.02.2015
EED13609	IMG_0981	B124	Elizabeth Shaw Offices - interior	View of principal stair	North west	l	S Parker	03.02.2015
EED13609	IMG_0982	B125	Elizabeth Shaw Offices - interior	View of stair cupboard	N/A	p	S Parker	03.02.2015
EED13609	IMG_0983	B126	Elizabeth Shaw Offices - interior	View of principal stair newel post	N/A	p	S Parker	03.02.2015

Wide-Angle Lens

Project number	Photo number	Figure reference number	Building	Description	Direction from	Portrait (P)/ Landscape (L)	Taken by	Date
EED13609	IMG_0984	B127	Elizabeth Shaw Offices - interior	View of principal stair	N/A	l	S Parker	03.02.2015
EED13609	IMG_0985	B128	Elizabeth Shaw Offices - interior	View of under stair cupboard	N/A	p	S Parker	03.02.2015
EED13609	IMG_0986	B129	Elizabeth Shaw Offices - interior	View of under stair cupboard	N/A	l	S Parker	03.02.2015
EED13609	IMG_0987	B130	Elizabeth Shaw Offices - interior	View of principal stair	North	p	S Parker	03.02.2015
EED13609	IMG_0988	B131	Elizabeth Shaw Offices - interior	View of principal stair	North	p	S Parker	03.02.2015
EED13609	IMG_0989	B132	Elizabeth Shaw Offices - interior	View of principal stair	South	p	S Parker	03.02.2015
EED13609	IMG_0990	B133	Elizabeth Shaw Offices - interior	View of principal stair	South	l	S Parker	03.02.2015
EED13609	IMG_0991	B134	Elizabeth Shaw Offices - interior	Detail of stair	N/A	l	S Parker	03.02.2015
EED13609	IMG_0992	B135	Elizabeth Shaw Offices - interior	Detail of stair	N/A	l	S Parker	03.02.2015
EED13609	IMG_0993	B136	Elizabeth Shaw Offices - interior	View of first floor stair lobby	South	l	S Parker	03.02.2015
EED13609	IMG_0994	B137	Elizabeth Shaw Offices - interior	Detail of stair skirting	N/A	l	S Parker	03.02.2015
EED13609	IMG_0995	B138	Elizabeth Shaw Offices - interior	View of first floor	South west	l	S Parker	03.02.2015
EED13609	IMG_0996	B139	Elizabeth Shaw Offices - interior	View of first floor	West	l	S Parker	03.02.2015
EED13609	IMG_0997	B140	Elizabeth Shaw Offices - interior	View of first floor	West	l	S Parker	03.02.2015
EED13609	IMG_0998	B141	Elizabeth Shaw Offices - interior	View of first floor	South west	l	S Parker	03.02.2015
EED13609	IMG_0999	B142	Elizabeth Shaw Offices - interior	View of first floor	North west	l	S Parker	03.02.2015
EED13609	IMG_1000	B143	Elizabeth Shaw Offices - interior	View of first floor	North	l	S Parker	03.02.2015
EED13609	IMG_1001	B144	Elizabeth Shaw Offices - interior	View of first floor	North west	l	S Parker	03.02.2015
EED13609	IMG_1002	B145	Elizabeth Shaw Offices - interior	View of first floor	North East	l	S Parker	03.02.2015
EED13609	IMG_1003	B146	Elizabeth Shaw Offices - interior	Detail of first floor ceiling	N/A	l	S Parker	03.02.2015
EED13609	IMG_1004	B147	Elizabeth Shaw Offices - interior	Detail of first floor ceiling	N/A	l	S Parker	03.02.2015
EED13609	IMG_1005	B148	Elizabeth Shaw Offices - interior	Detail of first floor ceiling and blocked roof light	N/A	l	S Parker	03.02.2015
EED13609	IMG_1006	B149	Elizabeth Shaw Offices - interior	View of first floor toilet	N/A	p	S Parker	03.02.2015
EED13609	IMG_1007	B150	Elizabeth Shaw Offices - interior	View of first floor	South	l	S Parker	03.02.2015
EED13609	IMG_1008	B151	Elizabeth Shaw Offices - interior	Detail of first floor ceiling and blocked roof light	N/A	l	S Parker	03.02.2015
EED13609	IMG_1009	B152	Elizabeth Shaw Offices - interior	Detail of first floor ceiling and blocked roof light	N/A	l	S Parker	03.02.2015
EED13609	IMG_1010	B153	Elizabeth Shaw Offices - interior	Detail of first floor ceiling and blocked roof light	N/A	l	S Parker	03.02.2015
EED13609	IMG_1011	B154	Elizabeth Shaw Offices - interior	Detail of first floor ceiling and blocked roof light	N/A	l	S Parker	03.02.2015
EED13609	IMG_1012	B155	Elizabeth Shaw Offices - interior	View of door in west wall of first floor	East	p	S Parker	03.02.2015
EED13609	IMG_1013	B156	Elizabeth Shaw Offices - interior	View of door in west wall of first floor, detail of brick arch above	East	l	S Parker	03.02.2015
EED13609	IMG_1014	B157	Elizabeth Shaw Offices - interior	View of first floor stair lobby door	East	p	S Parker	03.02.2015
EED13609	IMG_1015	B158	Elizabeth Shaw Offices	View of east elevation	East	l	S Parker	03.02.2015
EED13609	IMG_1016	B159	Elizabeth Shaw Offices	View of east elevation	East	p	S Parker	03.02.2015
EED13609	IMG_1017	B160	Elizabeth Shaw Offices	View of east elevation detail of hopper	East	p	S Parker	03.02.2015
EED13609	IMG_1018	B161	Elizabeth Shaw Offices	View of east elevation detail of chimney	East	p	S Parker	03.02.2015



C. Photographic Archive Thumbnails



IMG_015



IMG_016



IMG_017



IMG_018



IMG_019



IMG_020



IMG_021



IMG_022



IMG_023



IMG_024



IMG_025



IMG_026



IMG_027



IMG_028



IMG_029



IMG_030



IMG_031



IMG_032



IMG_033



IMG_034



IMG_035



IMG_036



IMG_037



IMG_038



IMG_039



IMG_040



IMG_041



IMG_042



IMG_043



IMG_044



IMG_045



IMG_046



IMG_047



IMG_048



IMG_049



IMG_050



IMG_051



IMG_052



IMG_053



IMG_054



IMG_055



IMG_056



IMG_057



IMG_058



IMG_059



IMG_060



IMG_061



IMG_062



IMG_063



IMG_064



IMG_065



IMG_066



IMG_067



IMG_068



IMG_069



IMG_070



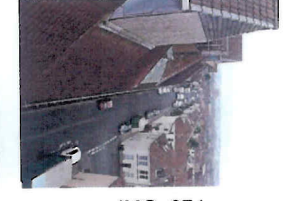
IMG_071



IMG_072



IMG_073



IMG_074



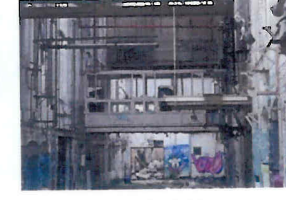
IMG_075



IMG_076



IMG_077



IMG_078



IMG_079



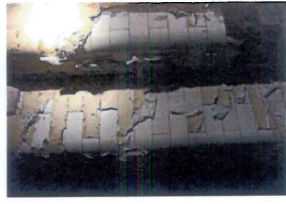
IMG_080



IMG_081



IMG_082



IMG_083



IMG_084



IMG_085



IMG_086



IMG_087



IMG_088



IMG_089



IMG_090



IMG_091



IMG_092



IMG_093



IMG_094



IMG_095



IMG_096



IMG_097



IMG_098



IMG_099



IMG_100



IMG_101



IMG_102



IMG_103



IMG_104



IMG_105



IMG_106



IMG_107



IMG_108



IMG_109



IMG_110



IMG_111



IMG_112



IMG_113



IMG_114



IMG_115



IMG_116



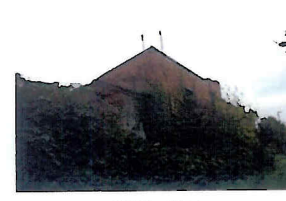
IMG_117



IMG_118



IMG_119



IMG_120



IMG_121



IMG_122



IMG_123



IMG_124



IMG_125



IMG_126



IMG_001



IMG_002



IMG_003



IMG_004



IMG_005



IMG_006



IMG_007



IMG_008



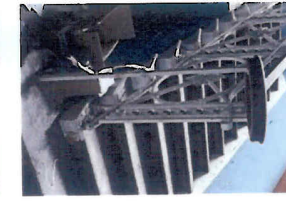
IMG_009



IMG_010



IMG_011



IMG_012



IMG_013



IMG_014



IMG_1806



IMG_1807



IMG_1808



IMG_1809



IMG_1810



IMG_1811



IMG_1812



IMG_1813



IMG_1814



IMG_1815



IMG_1816



IMG_1817



IMG_1818



IMG_1819



IMG_1820



IMG_1821



IMG_1822



IMG_1823



IMG_1739



IMG_0930



IMG_0931



IMG_0932



IMG_0933



IMG_0934



IMG_0935



IMG_0936



IMG_0937



IMG_0938



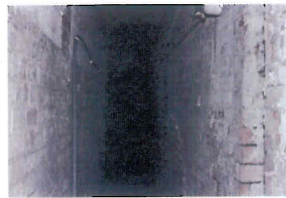
IMG_0939



IMG_0940



IMG_0941



IMG_0942



IMG_0943



IMG_0944



IMG_0945



IMG_0946



IMG_0947



IMG_0948



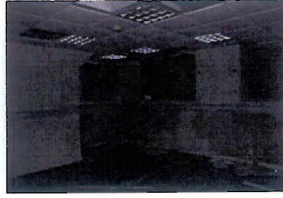
IMG_0949



IMG_0950



IMG_0951



IMG_0952



IMG_0953



IMG_0954



IMG_0955



IMG_0956



IMG_0957



IMG_0958



IMG_0959



IMG_0960



IMG_0961



IMG_0962



IMG_0963



IMG_0964



IMG_0965



IMG_0966



IMG_0967



IMG_0968



IMG_0969



IMG_0970



IMG_0971



IMG_0972



IMG_0973



IMG_0974



IMG_0975



IMG_0976



IMG_0977



IMG_0978



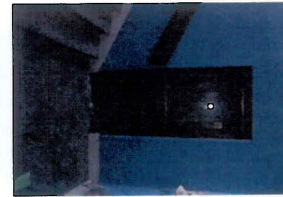
IMG_0979



IMG_0980



IMG_0981



IMG_0982



IMG_0983



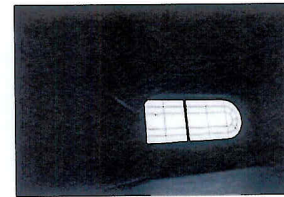
IMG_0984



IMG_0985



IMG_0986



IMG_0987



IMG_0988



IMG_0989



IMG_0990



IMG_0991



IMG_0992



IMG_0993



IMG_0994



IMG_0995



IMG_0996



IMG_0997



IMG_0998



IMG_0999



IMG_1000



IMG_1001



IMG_1002



IMG_1003



IMG_1004



IMG_1005



IMG_1006



IMG_1007



IMG_1008



IMG_1009



IMG_1010



IMG_1011



IMG_1012



IMG_1013



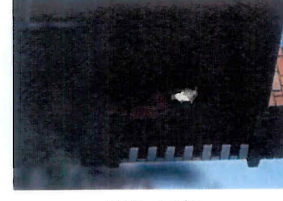
IMG_1014



IMG_1015



IMG_1016



IMG_1017



IMG_1018



IMG_0858



IMG_0859



IMG_0860



IMG_0861



IMG_0862



IMG_0863



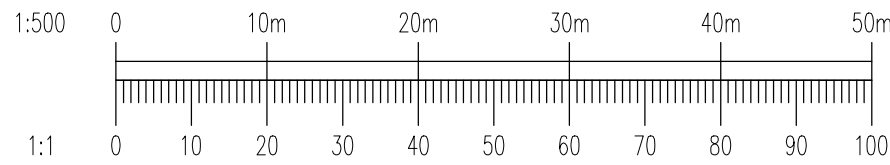
D. Drawing Register

Drawing Register				
Project number (Oasis Ref)	Drawing Number	Description	Scale	Date
waterman2- 202132	1	Site plan	1:500 @A1	04/03/2015
waterman2- 202132	2	Topographic survey	1:500 @A1	04/03/2015
waterman2- 202132	3	Ground floor plan of site	1:500 @A2	04/03/2015
waterman2- 202132	4	First floor plan of site	1:500 @A2	04/03/2015
waterman2- 202132	5	Second floor plan of site	1:500 @A2	04/03/2015
waterman2- 202132	6	Third floor plan of site	1:500 @A2	04/03/2015
waterman2- 202132	7	Fourth floor plan of site	1:500 @A2	04/03/2015
waterman2- 202132	8	Roof plan of site	1:500 @A2	04/03/2015
waterman2- 202132	9	Elevation 1: West elevation of western factory range	1:500 @A2	04/03/2015
waterman2- 202132	9	Elevation 2: North elevation	1:500 @A2	04/03/2015
waterman2- 202132	9	Elevation 3: South elevation	1:500 @A2	04/03/2015
waterman2- 202132	9	Elevation 4: East elevation of factory range	1:500 @A2	04/03/2015
waterman2- 202132	9	Elevation 5: West elevation of factory range	1:500 @A2	04/03/2015
waterman2- 202132	10	Elevation 6: East elevation of factory range	1:500 @A2	04/03/2015
waterman2- 202132	10	Elevation 7: West elevation of factory range	1:500 @A2	04/03/2015
waterman2- 202132	10	Elevation 8: East elevation of factory range	1:500 @A2	04/03/2015
waterman2- 202132	10	Elevation 9: West elevation of factory range	1:500 @A2	04/03/2015
waterman2- 202132	10	Elevation 10: East elevation of eastern factory range	1:500 @A2	04/03/2015
waterman2- 202132	10	Elevation 11: South elevation of Elizabeth Shaw Office	1:500 @A2	04/03/2015
waterman2- 202132	10	Elevation 12: West elevation of Elizabeth Shaw Office	1:500 @A2	04/03/2015
waterman2- 202132	10	Elevation 13: North elevation of Elizabeth Shaw Office	1:500 @A2	04/03/2015
waterman2- 202132	10	Elevation 14: East elevation of Elizabeth Shaw Office	1:500 @A2	04/03/2015
waterman2- 202132	10	Elevation 15: x4 elevations of security buildings	1:500 @A2	04/03/2015
waterman2- 202132	10	Elevation 16: x4 elevations of the Power House	1:500 @A2	04/03/2015
waterman2- 202132	11	Section A: Section looking north through factory ranges	1:500 @A2	04/03/2015
waterman2- 202132	11	Section B: Section looking north through factory ranges	1:500 @A2	04/03/2015
waterman2- 202132	11	Section C: Section looking north through factory ranges on west side	1:500 @A2	04/03/2015
waterman2- 202132	11	Section D: Section looking east through western factory range	1:500 @A2	04/03/2015
waterman2- 202132	11	Section F: Section looking east through factory range	1:500 @A2	04/03/2015
waterman2- 202132	12	Section G: Section looking east through factory range	1:500 @A2	04/03/2015

waterman2- 202132	12 Section H: Section looking east through factory range	1:500 @A2	04/03/2015
waterman2- 202132	12 Section J: Section looking west through factory range	1:500 @A2	04/03/2015
waterman2- 202132	12 Section K: Section looking east through factory range	1:500 @A2	04/03/2015
waterman2- 202132	12 Section L: Section looking east through factory range	1:500 @A2	04/03/2015
waterman2- 202132	12 Section M: Section looking north through Elizabeth Shaw Office	1:500 @A2	04/03/2015
waterman2- 202132	12 Section N: Section looking East through Elizabeth Shaw Office	1:500 @A2	04/03/2015
waterman2- 202132	13 Rectified photographs of north and south elevations	1:500 @A2	04/03/2015
waterman2- 202132	14 Detailed rectified photographs of north and south elevations	1:250 @A2	04/03/2015
waterman2- 202132	15 Ground floor plan showing references for elevation locations	1:500 @A2	04/03/2015
waterman2- 202132	16 Ground floor plan showing references for section locations	1:500 @A2	04/03/2015
waterman2- 202132	17 Photograph location plan	1:500 @A1	04/03/2015



E. Drawing Archive



A01	02.03.15	PRELIMINARY ISSUE	DC

Rev	Date	Description	By
-----	------	-------------	----

Amendments

Project	waterman2-202132
---------	------------------

Title	ELIZABETH SHAW FACTORY SITE PLAN
-------	-------------------------------------

Client	GENERATOR (CHOCOLATE FACTORY) LLP
--------	-----------------------------------



Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

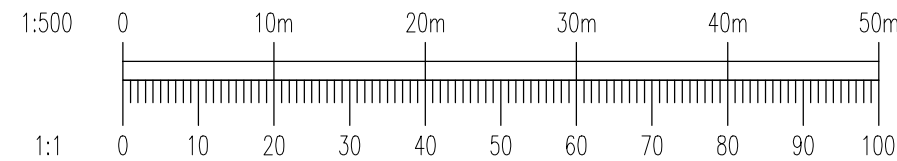
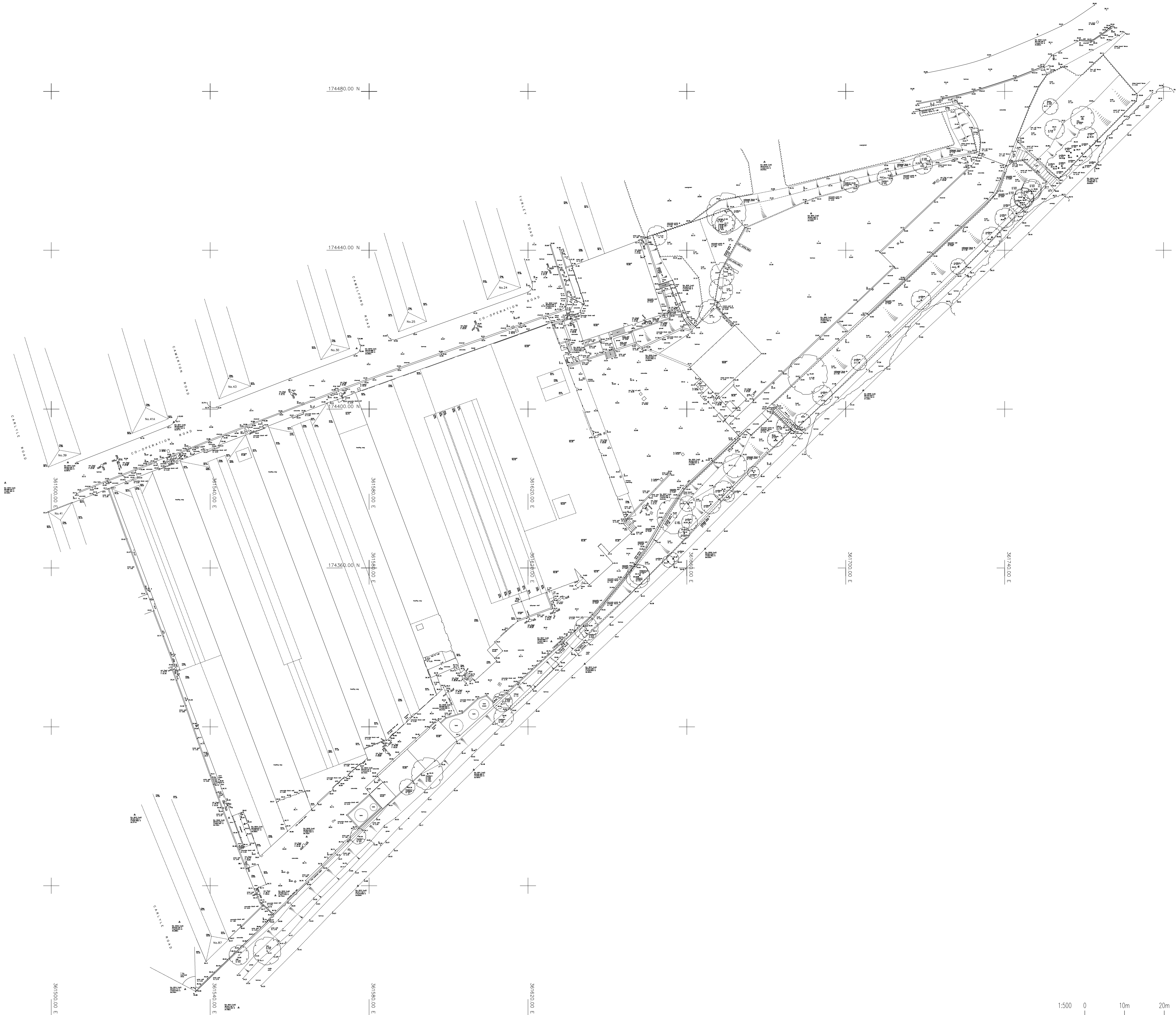
Drawing Status	FINAL
----------------	-------

Designed by	TM	Checked by	TM	Project No	EED13609-100
-------------	----	------------	----	------------	--------------

Drawn by	DC	Date	MARCH 2015	Computer File No	EED13609-100ESA80001.dwg
----------	----	------	------------	------------------	--------------------------

Scales @ A1	1:500	work to figured dimensions only
-------------	-------	---------------------------------

Publisher	Zone	Category	Number	Revision
EED	SA	80	0001	A01



A01	02.03.15	PRELIMINARY ISSUE	DC

Rev	Date	Description	By
-----	------	-------------	----

Amendments			
------------	--	--	--

Project	waterman2-202132
---------	------------------

Title	ELIZABETH SHAW FACTORY TOPOGRAPHIC SURVEY
-------	--

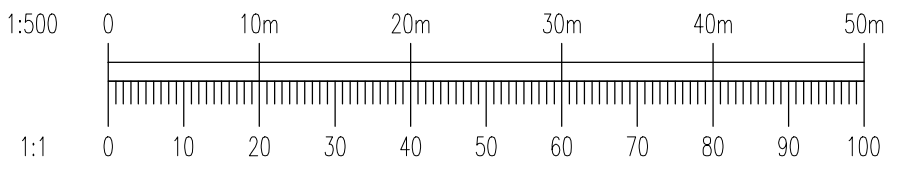
Client	GENERATOR (CHOCOLATE FACTORY) LLP
--------	-----------------------------------



Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

Drawing Status			
FINAL			

Designed by	TM	Checked by	TM	Project No	EED13609-100
Drawn by	DC	Date	MARCH 2015	Computer File No	EED13609-100SA80002.dwg
Scales @ A1 work to figured dimensions only				1:500	
Publisher	Zone	Category	Number	Revision	
EED	SA	80	0002	A01	



A01	02.03.15	PRELIMINARY ISSUE	DC
Rev	Date	Description	By

Amendments

Project
waterman2-202132

Title
ELIZABETH SHAW FACTORY
GROUND FLOOR PLAN OF SITE

Client
GENERATOR (CHOCOLATE FACTORY) LLP



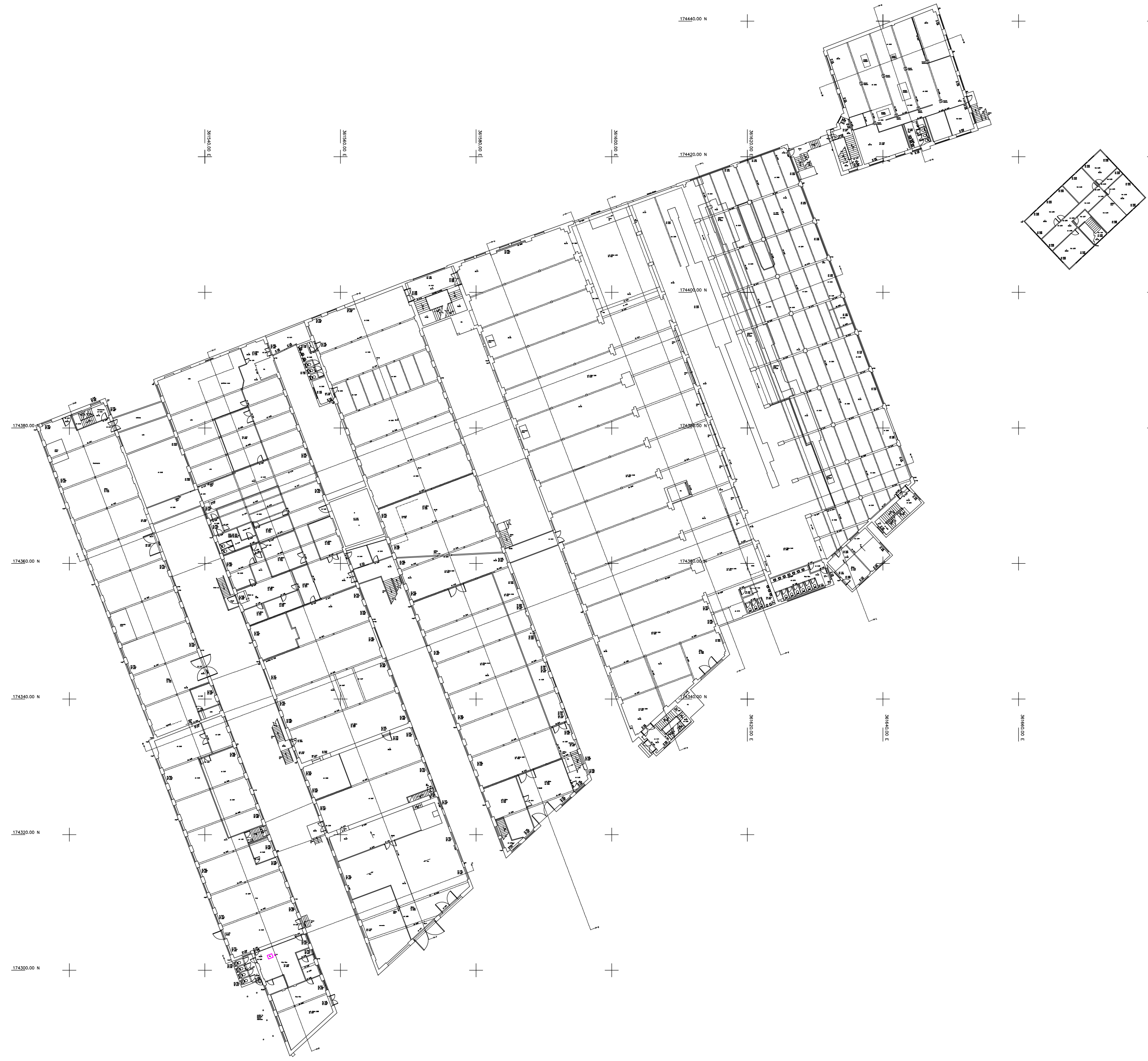
Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

Drawing Status
FINAL

Designed by	TM	Checked by	TM	Project No
Drawn by	DC	Date	MARCH 2015	EED13609-100

Scales @ A2
work to figured dimensions only 1:500
Computer File No
EED13609-100ESA800003.dwg

Publisher	Zone	Category	Number	Revision
EED	SA	80	0003	A01



A01	02.03.15	PRELIMINARY ISSUE	DC
Rev	Date	Description	By

Amendments

Project
waterman2-202132

Title
ELIZABETH SHAW FACTORY
FIRST FLOOR PLAN OF SITE

Client
GENERATOR (CHOCOLATE FACTORY) LLP



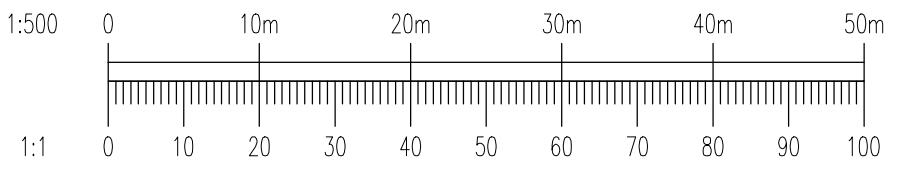
Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

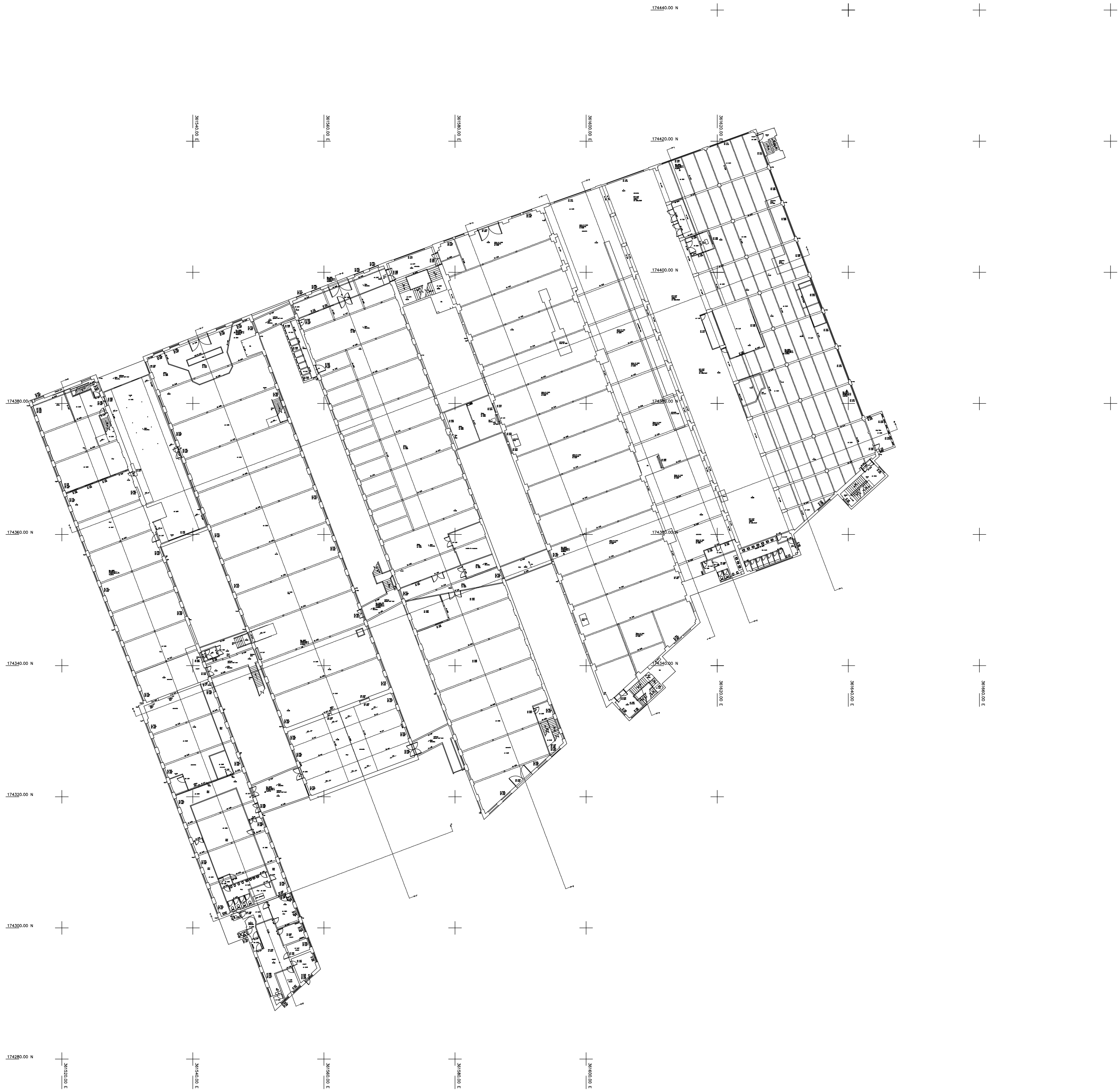
Drawing Status
FINAL

Designed by	TM	Checked by	TM	Project No
Drawn by	DC	Date	MARCH 2015	EED13609-100

Scales @ A2
work to figured dimensions only 1:500
Computer File No
EED13609-100ESA800004.dwg

Publisher	Zone	Category	Number	Revision
EED	SA	80	0004	A01





Rev	Date	Description	By
A01	02.03.15	PRELIMINARY ISSUE	DC

Amendments

Project
waterman2-202132

Title
ELIZABETH SHAW FACTORY
SECOND FLOOR PLAN OF SITE

Client
GENERATOR (CHOCOLATE FACTORY) LLP



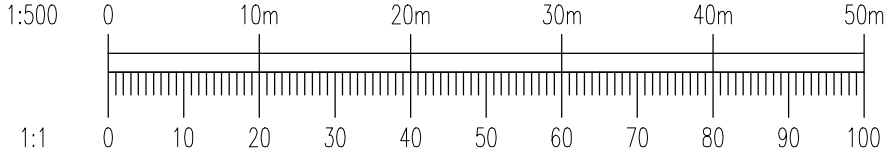
Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

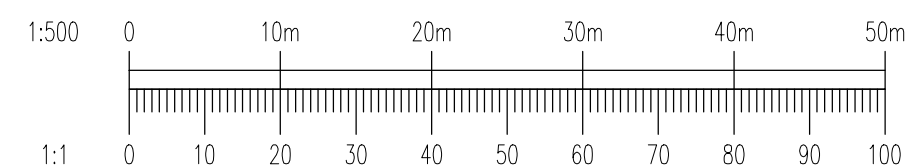
Drawing Status
FINAL

Designed by	TM	Checked by	TM	Project No
Drawn by	DC	Date	MARCH 2015	EED13609-100

Scales @ A2
work to figured dimensions only 1:500
Computer File No
EED13609-100ESA800005.dwg

Publisher	Zone	Category	Number	Revision
EED	SA	80	0005	A01

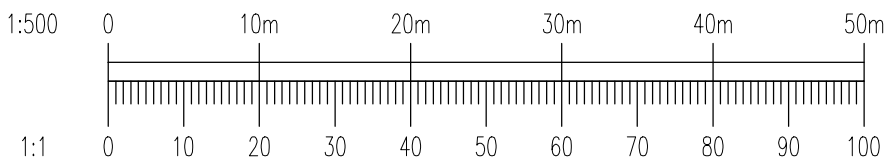
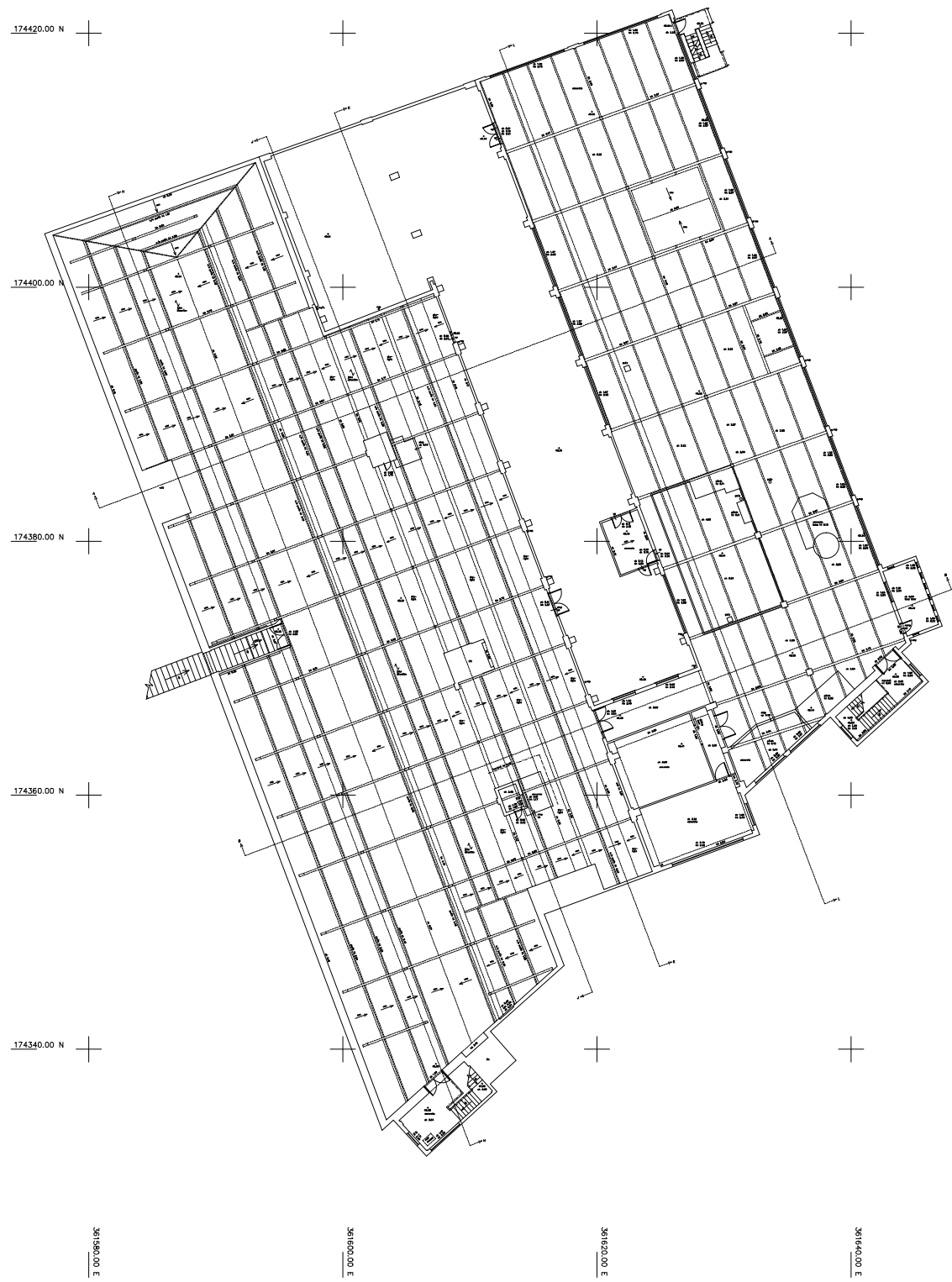




Client	GENERATOR (CHOCOLATE FACTORY) LLP
--------	-----------------------------------



Publisher	Zone	Category	Number	Revision
EED	SA	80	0006	A01



A01	02.03.15	PRELIMINARY ISSUE	DC
Rev	Date	Description	By

Amendments

Project
waterman2-202132

Title
ELIZABETH SHAW FACTORY
FOURTH FLOOR PLAN OF SITE

Client
GENERATOR (CHOCOLATE FACTORY) LLP



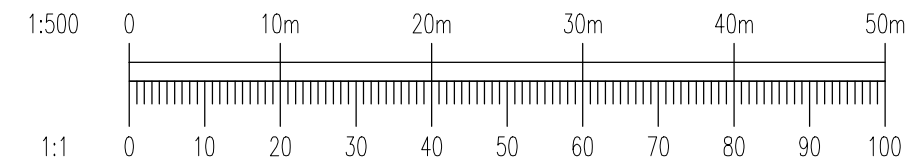
Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

Drawing Status
PRELIMINARY

Designed by	TM	Checked by	TM	Project No
Drawn by	DC	Date	MARCH 2015	EED13609-100

Scales @ A2
work to figured dimensions only
1:500
Computer File No
EED13609-100ESA800007.dwg

Publisher	Zone	Category	Number	Revision
EED	SA	80	0007	A01



A01	02.03.15	PRELIMINARY ISSUE	DC
Rev	Date	Description	By

Amendments

Project	waterman2-202132
---------	------------------

Title	ELIZABETH SHAW FACTORY ROOF PLAN OF SITE
-------	---

Client	GENERATOR (CHOCOLATE FACTORY) LLP
--------	-----------------------------------



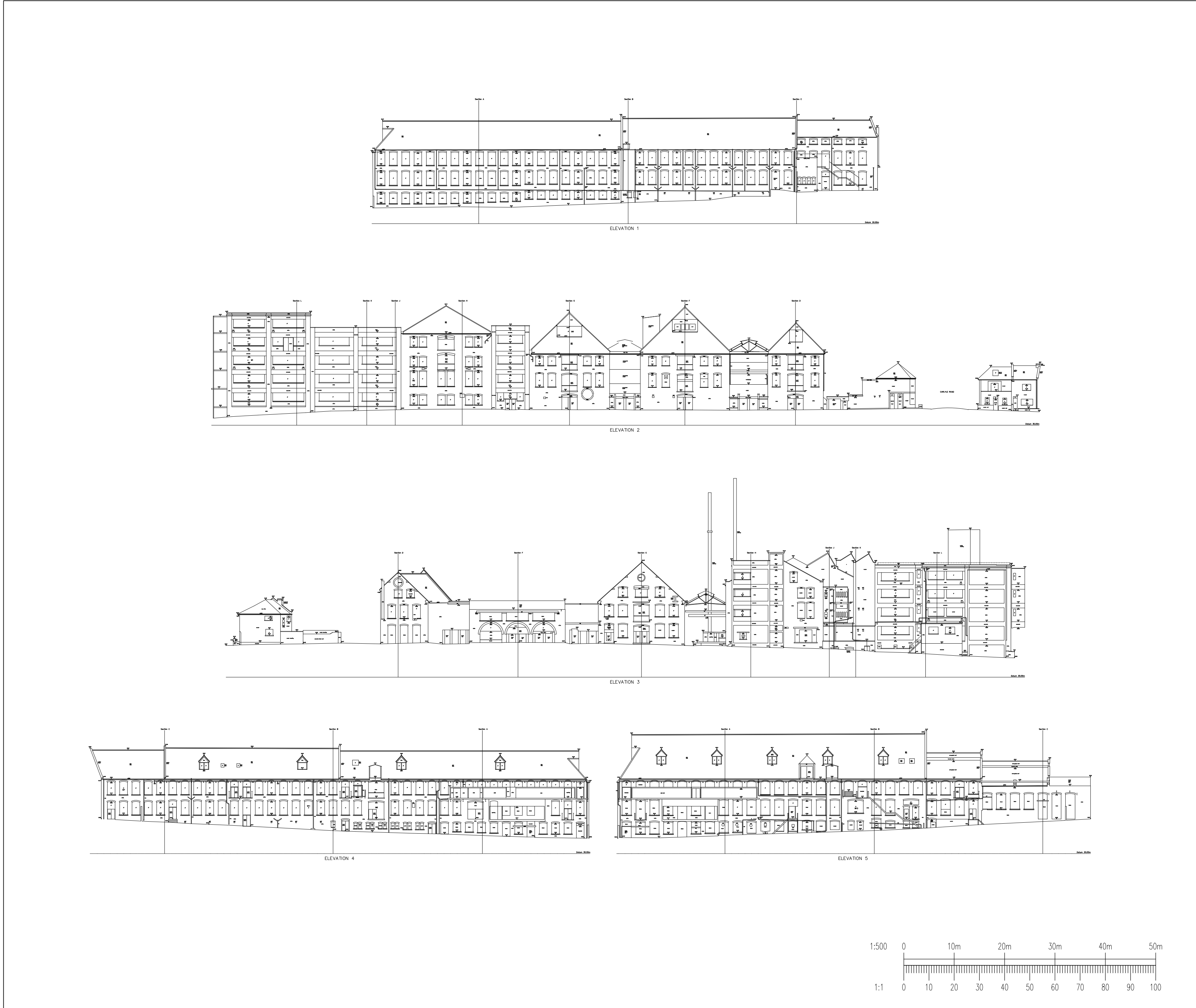
Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

Drawing Status	FINAL
----------------	-------

Designed by	TM	Checked by	TM	Project No
Drawn by	DC	Date	MARCH 2015	EED13609-100


Scales @ A2 work to figured dimensions only	1:500	Computer File No EED13609-100ESA800008.dwg
--	-------	---

Publisher	Zone	Category	Number	Revision
EED	SA	80	0008	A01



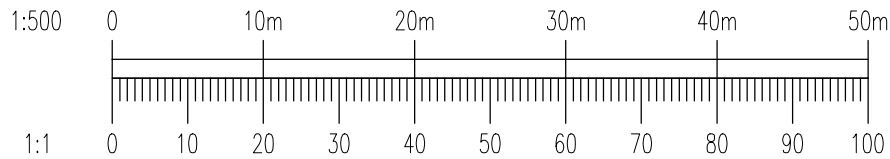
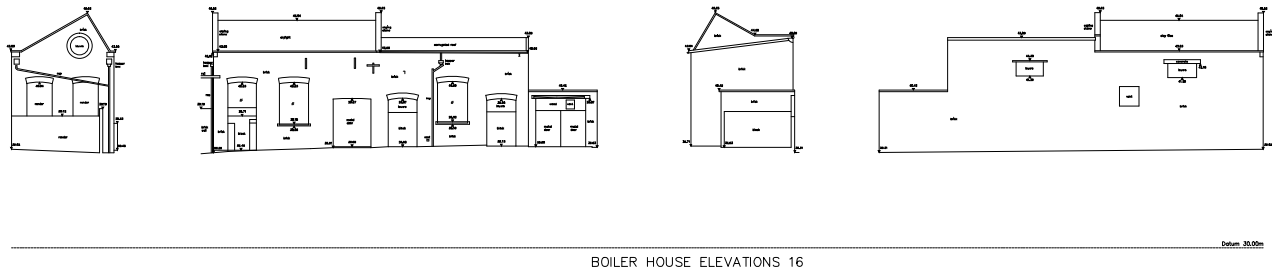
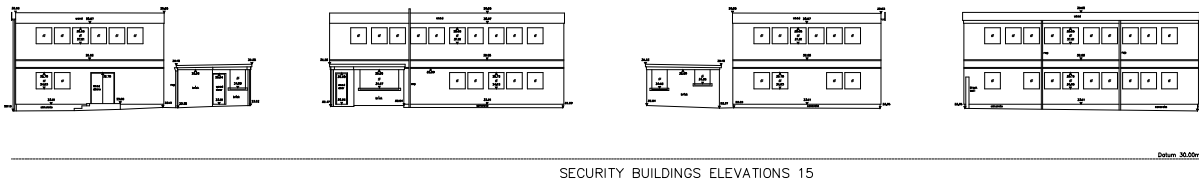
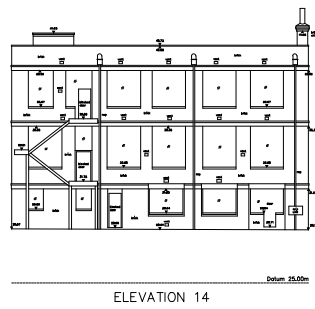
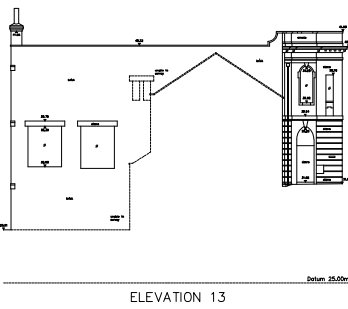
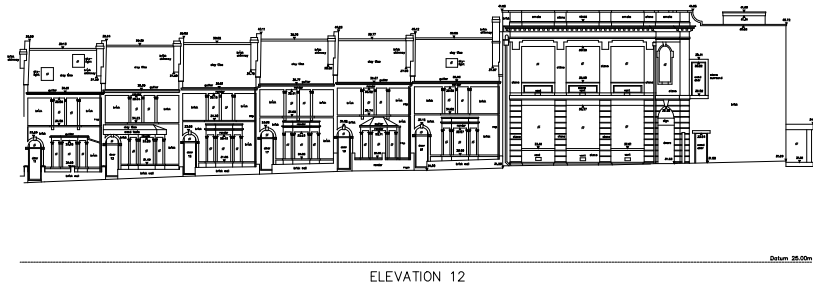
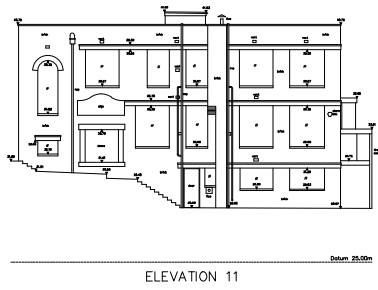
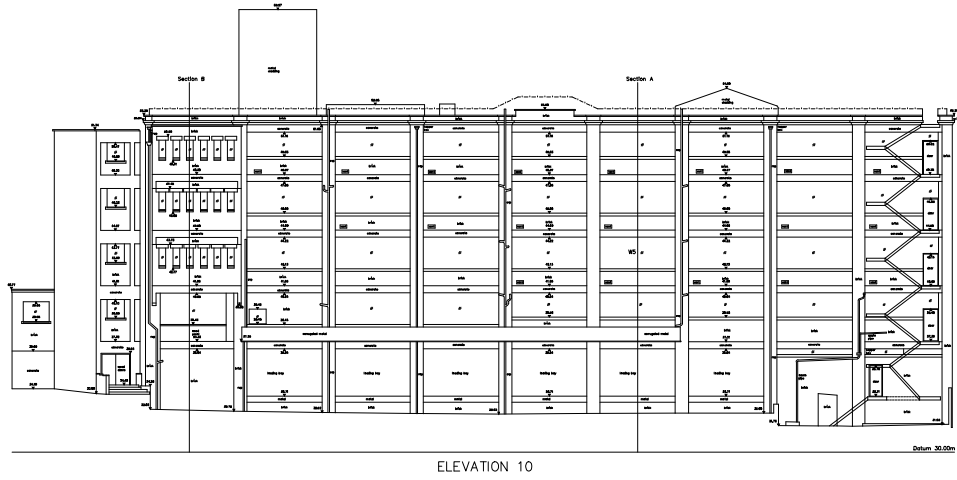
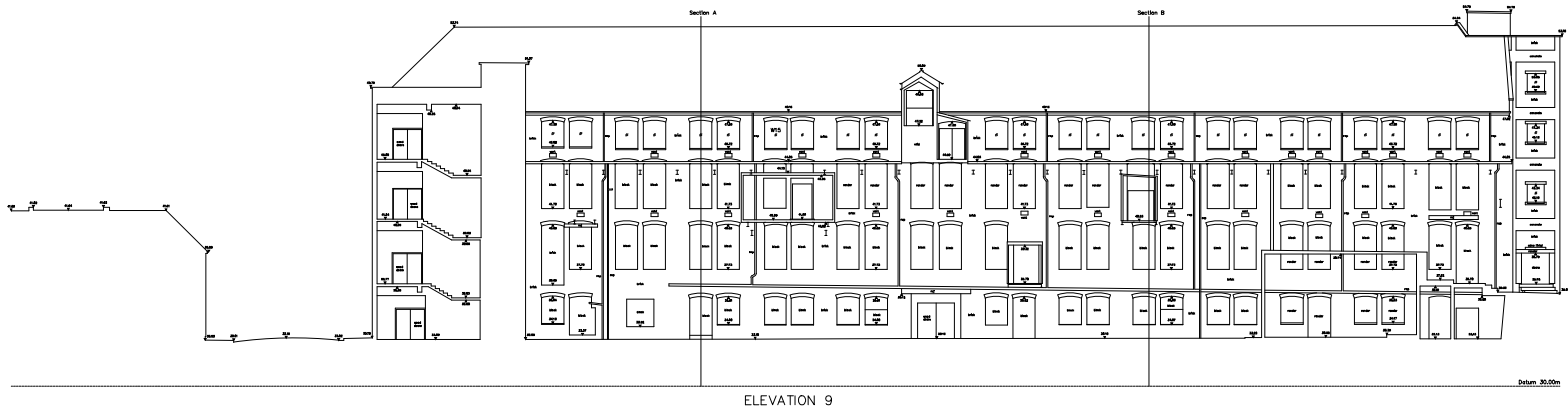
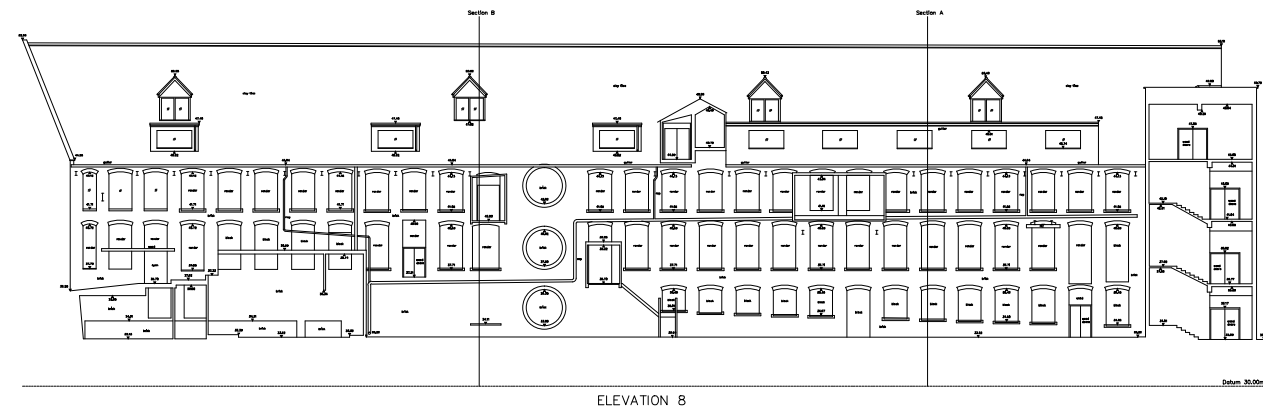
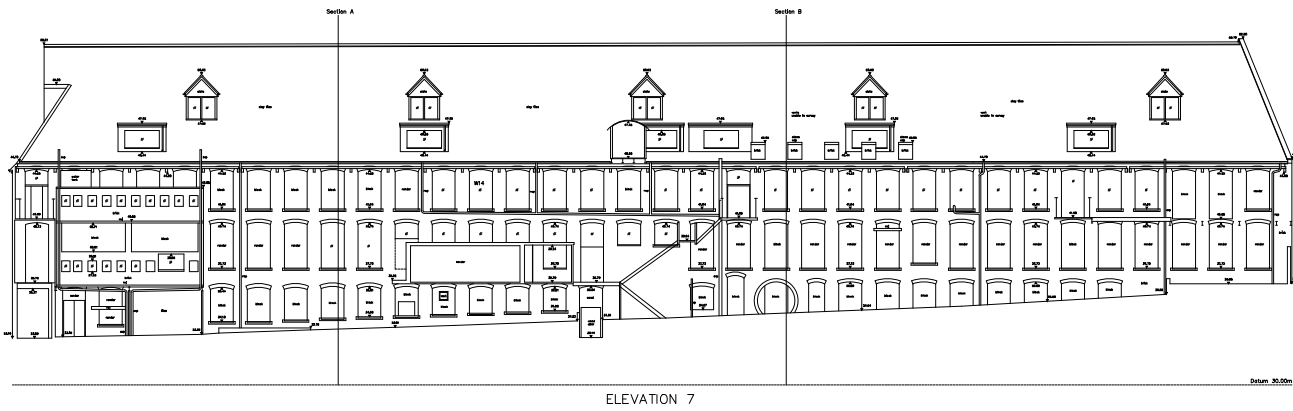
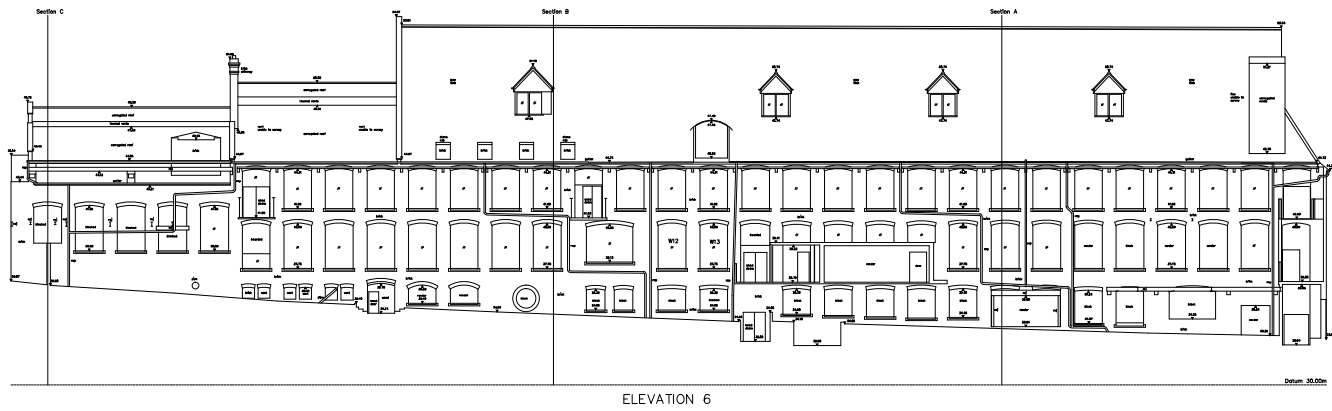
Rev	Date	Description	By
A01	02.03.15	PRELIMINARY ISSUE	DC

Amendments				
Project		waterman2-202132		
Title		ELIZABETH SHAW FACTORY ELEVATIONS 1 - 5		
Client		GENERATOR (CHOCOLATE FACTORY) LLP		



Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

Drawing Status				
PRELIMINARY				
Designed by	TM	Checked by	TM	Project No
Drawn by	DC	Date	MARCH 2015	EED13609-100
Scales @ A2 work to figured dimensions only		1:500 Computer File No EED13609-100ESA800009.dwg		
Publisher	Zone	Category	Number	Revision
EED	SA	80	0009	A01



Rev	Date	Description	By
A01	02.03.15	PRELIMINARY ISSUE	DC

Amendments			
------------	--	--	--

Project	waterman2-202132		
---------	------------------	--	--

Title	ELIZABETH SHAW FACTORY ELEVATIONS 6 - 16		
-------	---	--	--

Client	GENERATOR (CHOCOLATE FACTORY) LLP		
--------	-----------------------------------	--	--



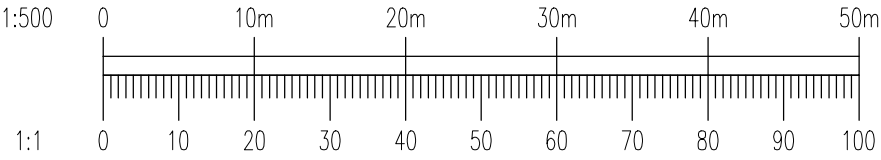
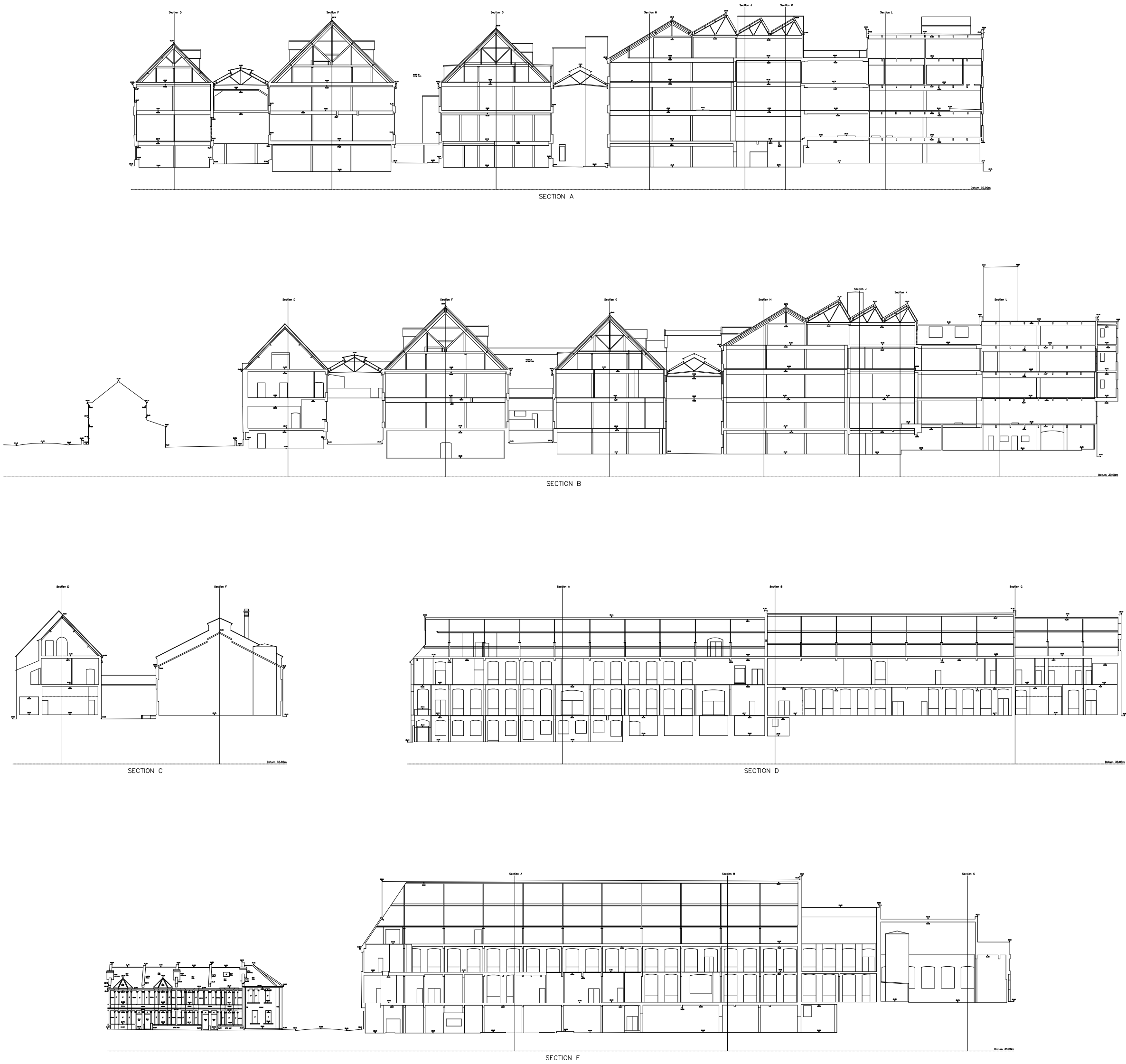
Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

Drawing Status	FINAL			
----------------	-------	--	--	--

Designed by	TM	Checked by	TM	Project No
Drawn by	DC	Date	MARCH 2015	EED13609-100

Scales @ A2	1:500		Computer File No	
work to figured dimensions only			EED13609-100ESA800010.dwg	

Publisher	Zone	Category	Number	Revision
EED	SA	80	0010	A01



A01	02.03.15	PRELIMINARY ISSUE	DC
Rev	Date	Description	By

Amendments

Project
waterman2-202132

Title
**ELIZABETH SHAW FACTORY
SECTIONS A - F**

Client
GENERATOR (CHOCOLATE FACTORY) LLP



Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

Drawing Status
FINAL

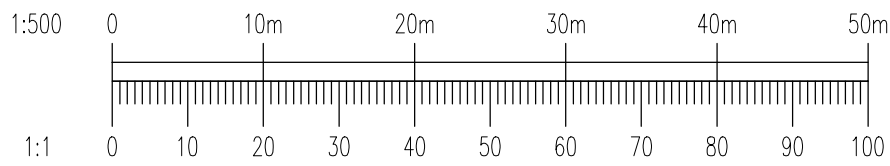
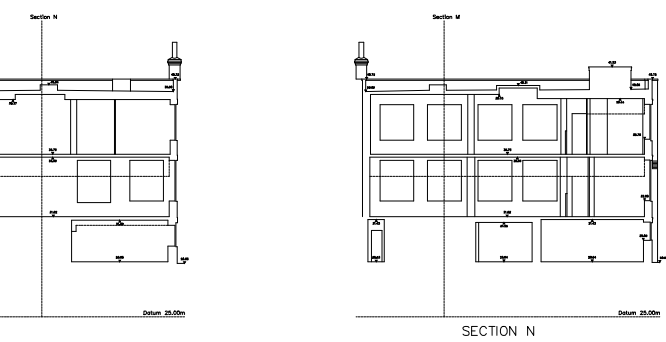
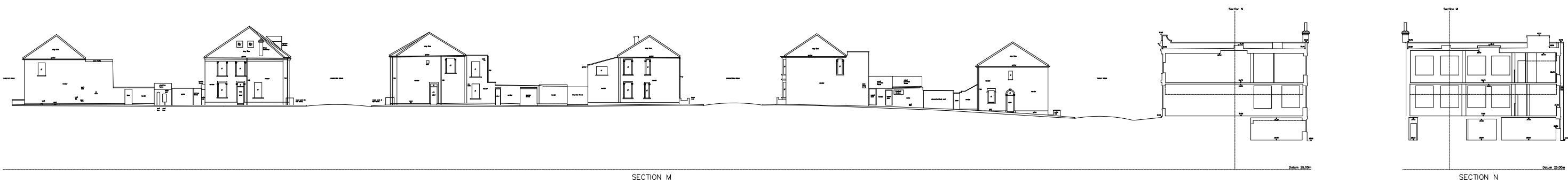
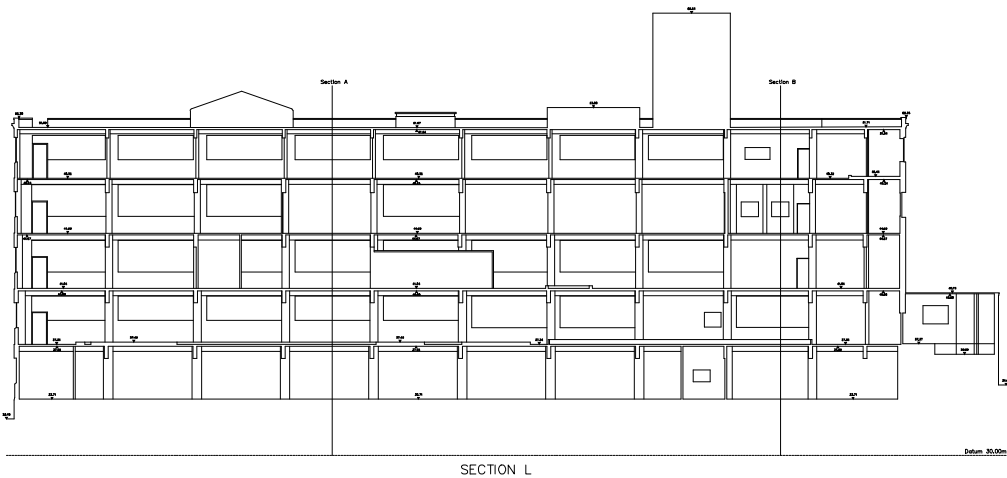
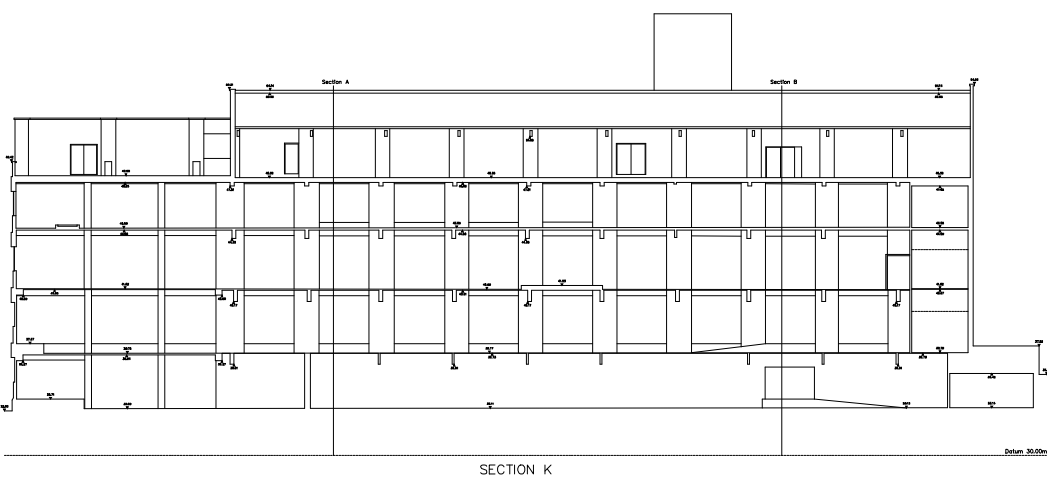
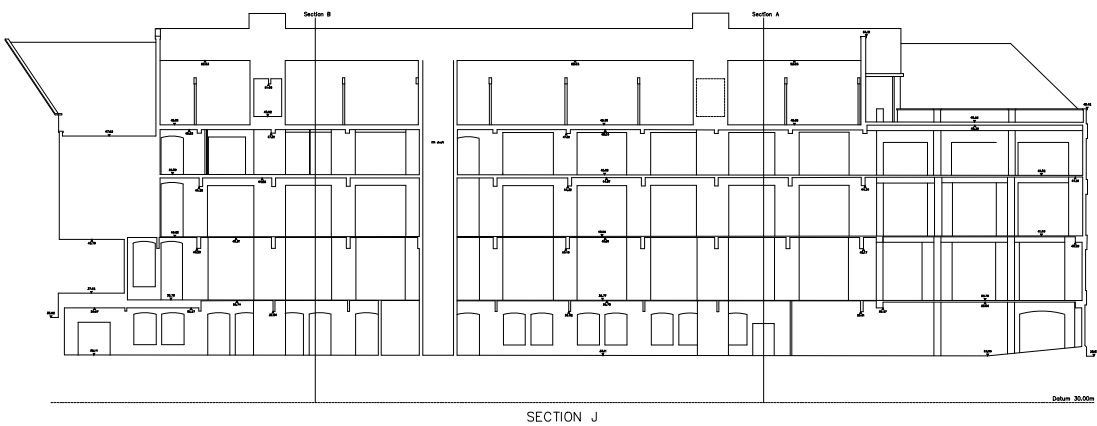
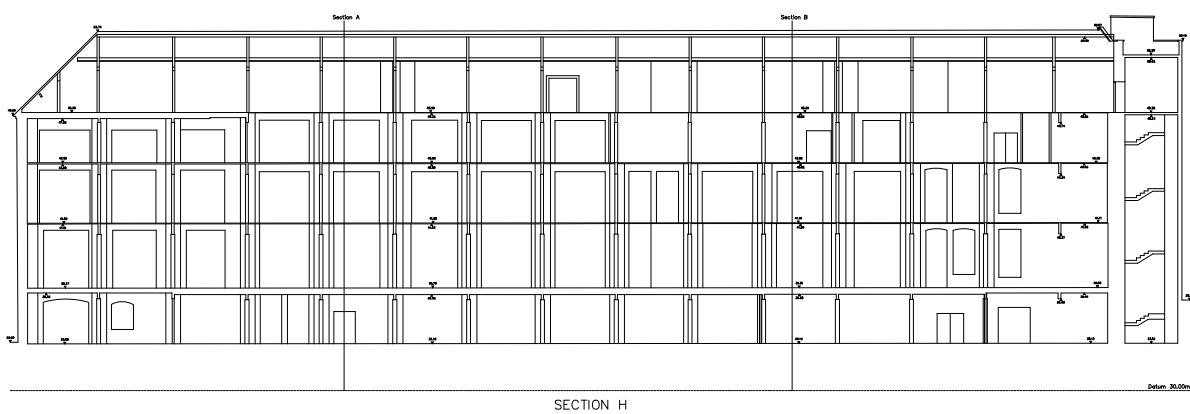
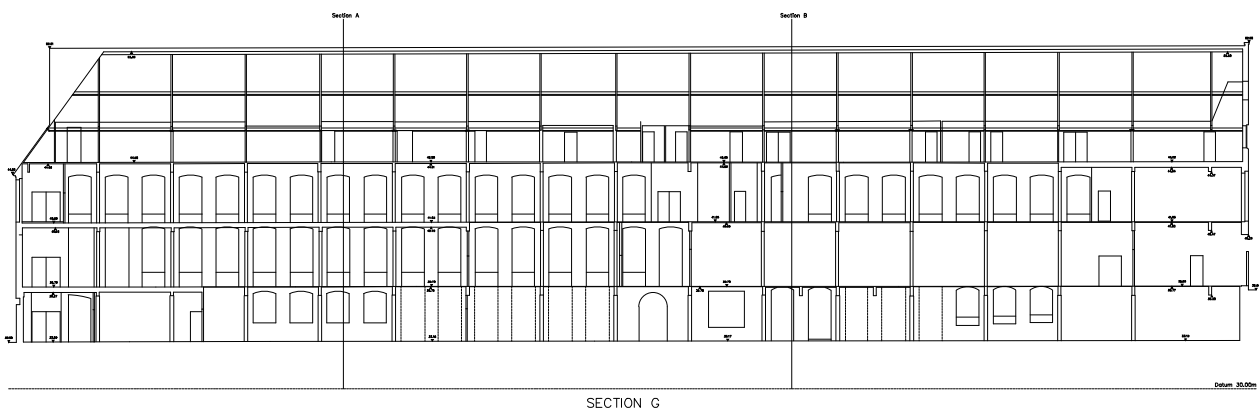
Designed by	TM	Checked by	TM	Project No
Drawn by	DC	Date	MARCH 2015	EED13609-100

Scales @ A2
work to figured dimensions only

1:500

Computer File No
EED13609-100ESA800011.dwg

Publisher	Zone	Category	Number	Revision
EED	SA	80	0011	A01



A01	02.03.15	PRELIMINARY ISSUE	DC
Rev	Date	Description	By

Amendments

Project
waterman2-202132

Title
ELIZABETH SHAW FACTORY
SECTIONS G - N

Client
GENERATOR (CHOCOLATE FACTORY) LLP



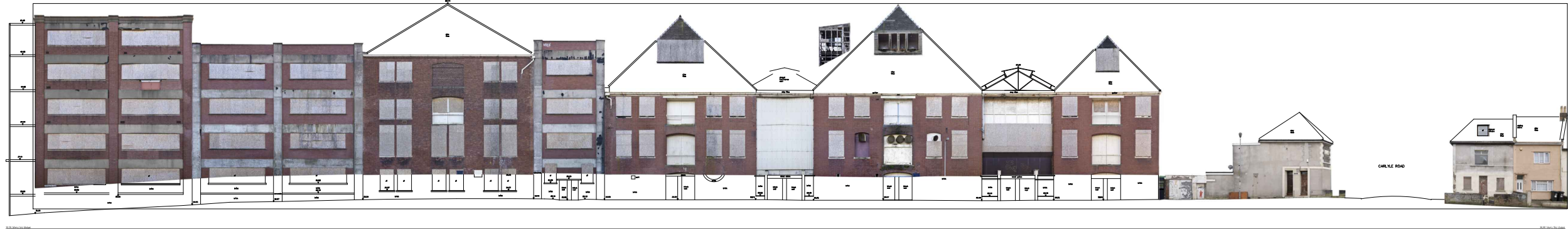
Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

Drawing Status
FINAL

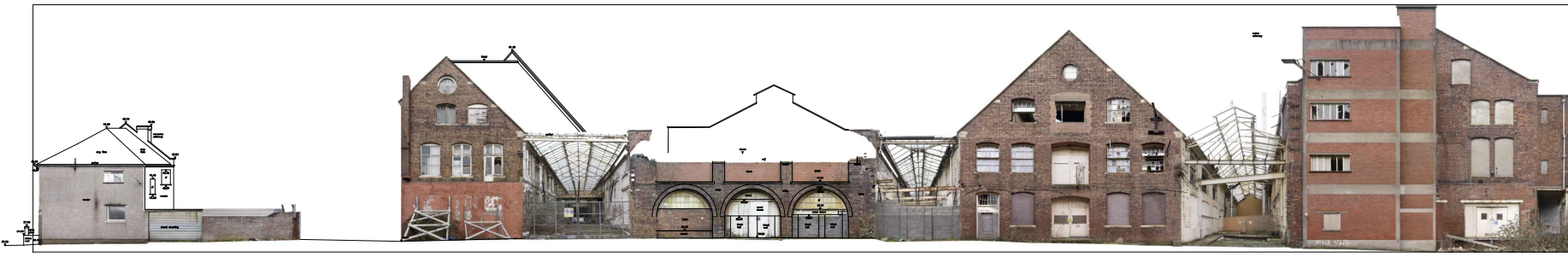
Designed by	TM	Checked by	TM	Project No
Drawn by	DC	Date	MARCH 2015	EED13609-100

Scales @ A2
work to figured dimensions only 1:500
Computer File No
EED13609-100ESA800012.dwg

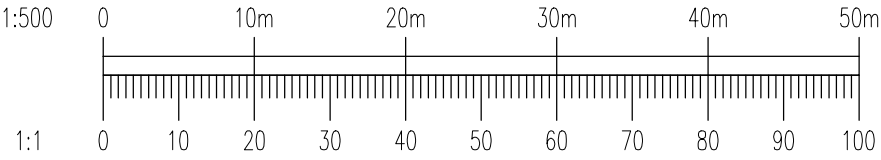
Publisher	Zone	Category	Number	Revision
EED	SA	80	0012	A01



NORTH



SOUTH



A01	02.03.15	PRELIMINARY ISSUE	DC
Rev	Date	Description	By

Amendments

Project
waterman2-202132

Title
ELIZABETH SHAW FACTORY
RECTIFIED PHOTOGRAPH ELEVATIONS

Client
GENERATOR (CHOCOLATE FACTORY) LLP



Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

Drawing Status
FINAL

Designed by	TM	Checked by	TM	Project No
Drawn by	DC	Date	MARCH 2015	EED13609-100

Scales @ A2
work to figured dimensions only 1:500
Computer File No
EED13609-100ESA800013.dwg

Publisher	Zone	Category	Number	Revision
EED	SA	80	0013	A01



15-08-RE-NORTH



15-08-RE-SOUTH

NORTH



15-08-RE-NORTH



15-08-RE-SOUTH



15-08-RE-NORTH



15-08-RE-SOUTH

SOUTH

A01	02.03.15	PRELIMINARY ISSUE	DC
Rev	Date	Description	By

Amendments

Project	waterman2-202132
---------	------------------

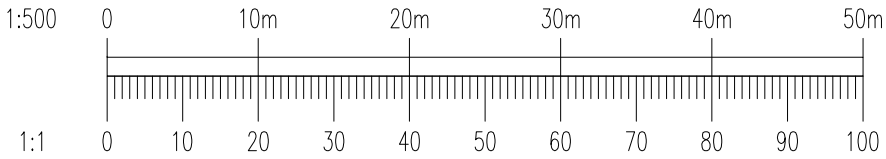
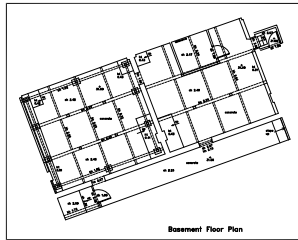
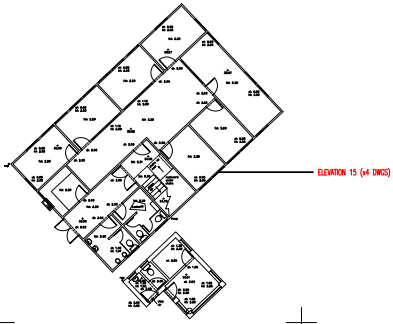
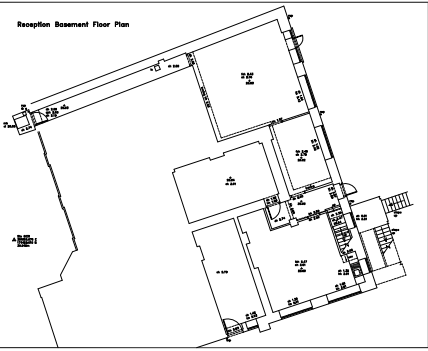
Title	ELIZABETH SHAW FACTORY DETAILED RECTIFIED PHOTOGRAPH ELEVATIONS
-------	---

Client	GENERATOR (CHOCOLATE FACTORY) LLP
--------	-----------------------------------



Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

Drawing Status				
FINAL				
Designed by	TM	Checked by	TM	Project No
Drawn by	DC	Date	MARCH 2015	EED13609-100
Scales @ A2		1:250		Computer File No
work to figured dimensions only				EED13609-100ESA800014.dwg
Publisher	Zone	Category	Number	Revision
EED	SA	80	0014	A01



NOTE:
ELEVATIONS 2 & 3 ALSO SHOWN AS RECTIFIED PHOTOGRAPHS
IN DGWS 13 & 14.

Rev	Date	Description	By
A01	02.03.15	PRELIMINARY ISSUE	DC

Amendments

Project
waterman2-202132

Title
ELIZABETH SHAW FACTORY
GROUND FLOOR PLAN OF SITE
REFERENCE FOR ELEVATIONS

Client
GENERATOR (CHOCOLATE FACTORY) LLP



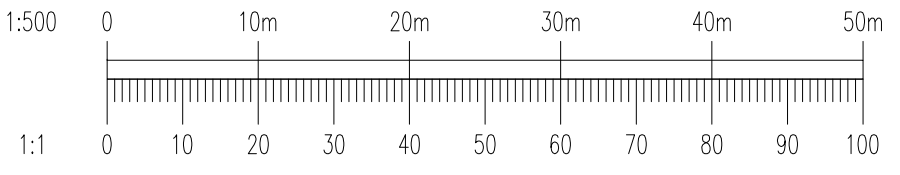
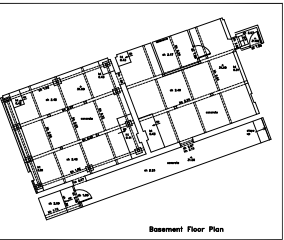
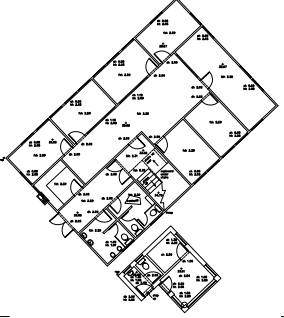
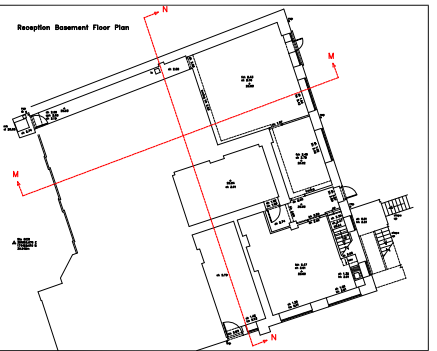
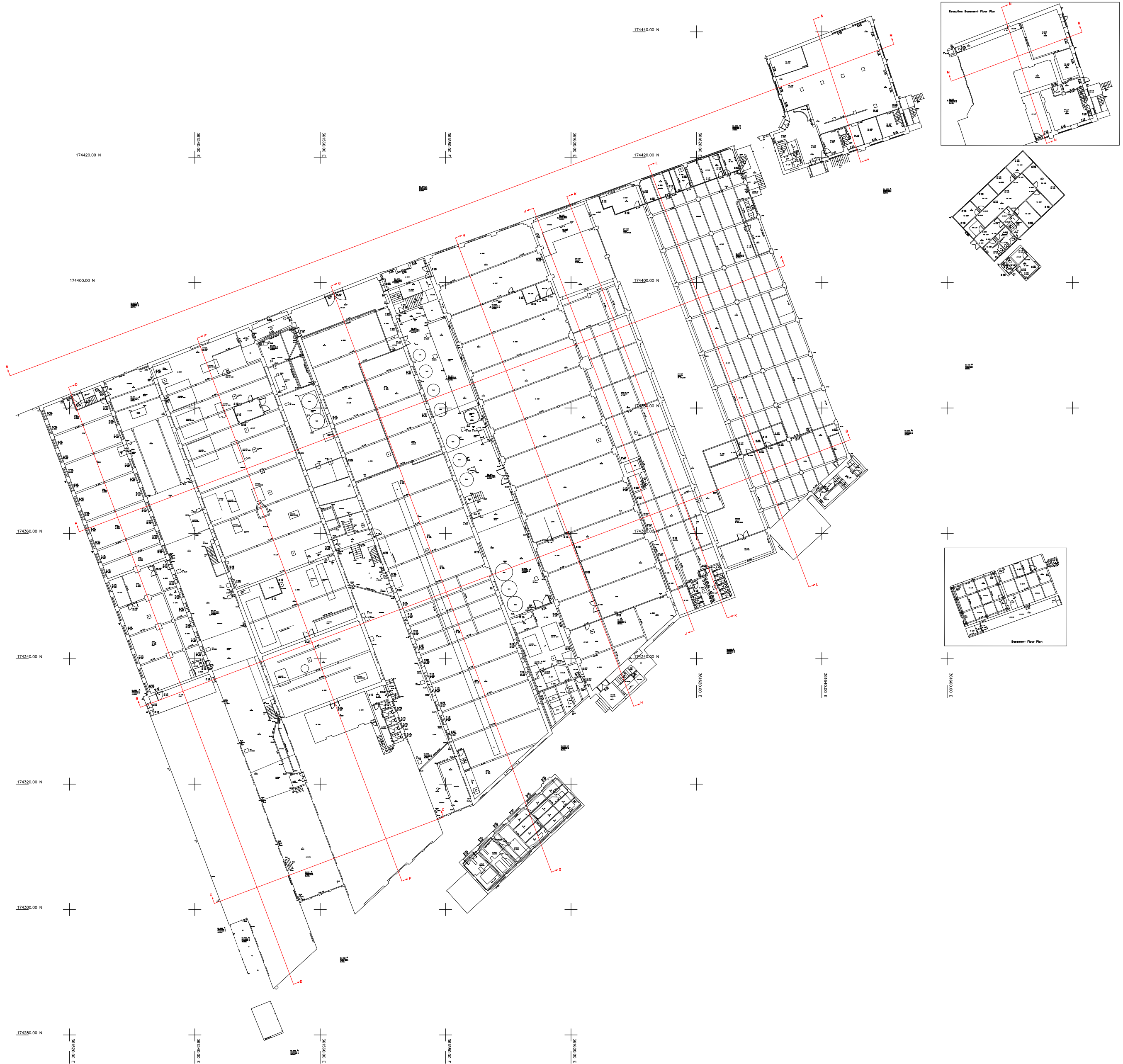
Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

Drawing Status
FINAL

Designed by	TM	Checked by	TM	Project No
Drawn by	DC	Date	MARCH 2015	EED13609-100

Scales @ A2
work to figured dimensions only

Publisher	Zone	Category	Number	Revision
EED	SA	80	0015	A01



Rev	Date	Description	By
A01	02.03.15	PRELIMINARY ISSUE	DC

Amendments

Project
waterman2-202132

Title
**ELIZABETH SHAW FACTORY
GROUND FLOOR PLAN OF SITE
REFERENCE FOR SECTIONS**

Client
GENERATOR (CHOCOLATE FACTORY) LLP



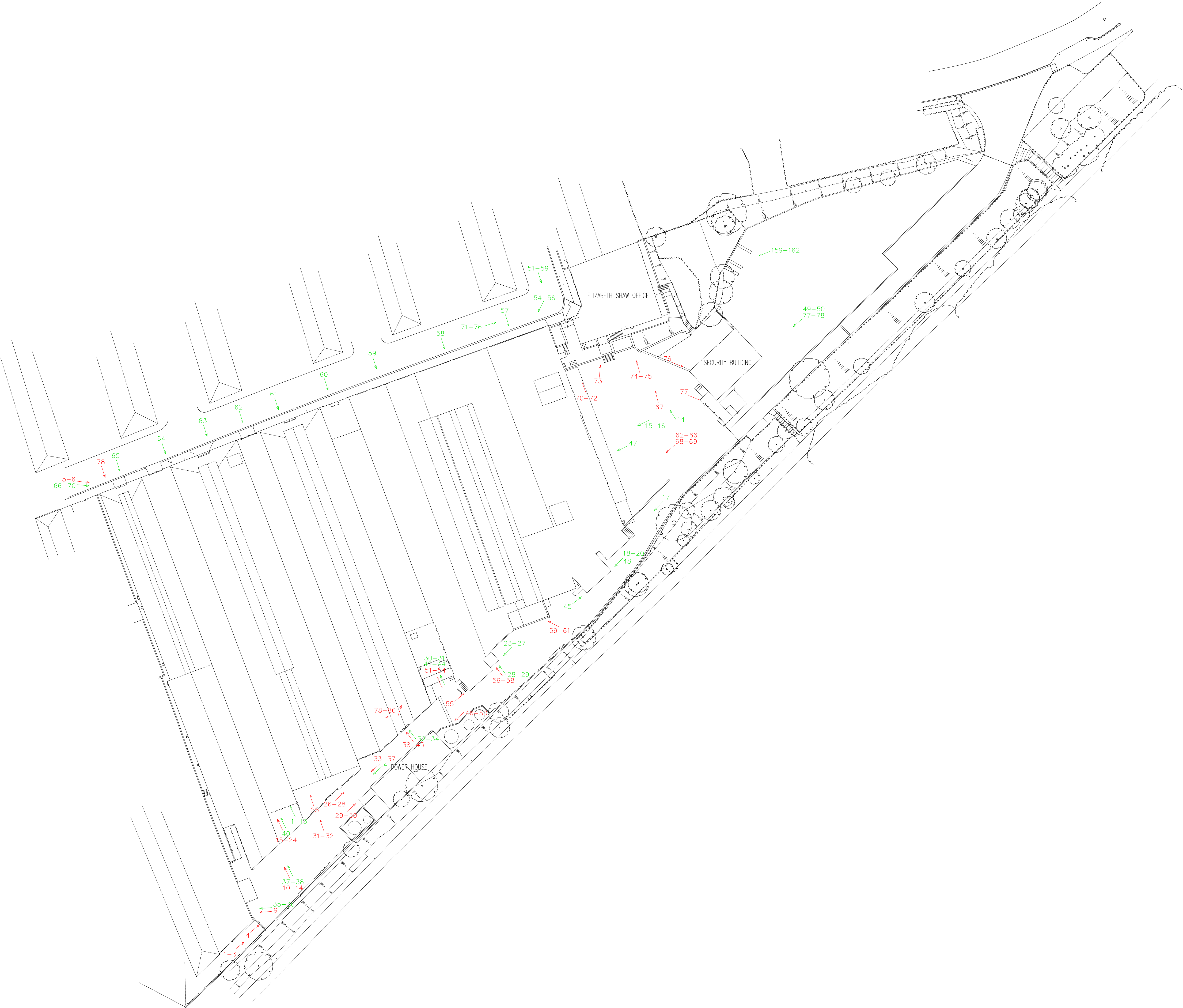
Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

Drawing Status
FINAL

Designed by	TM	Checked by	TM	Project No
Drawn by	DC	Date	MARCH 2015	EED13609-100

Scales @ A2
work to figured dimensions only

Publisher	Zone	Category	Number	Revision
EED	SA	80	0016	A01



- KEY:
- PHOTOGRAPHS TAKEN WITH WIDE ANGLE LENS
 - PHOTOGRAPHS TAKEN WITH 50MM LENS

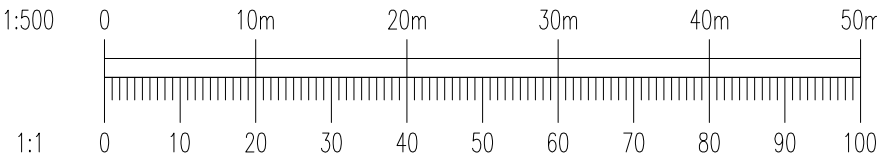
A01	02.03.15	PRELIMINARY ISSUE	DC
Rev	Date	Description	By

Amendments	
Project	waterman2-202132
Title	ELIZABETH SHAW FACTORY PHOTOGRAPH LOCATION PLAN
Client	GENERATOR (CHOCOLATE FACTORY) LLP



Pickfords Wharf Clink Street London SE1 9DG
t 020 7928 7888
mail@watermangroup.com www.watermangroup.com

Drawing Status				
FINAL				
Designed by	TM	Checked by	TM	Project No
Drawn by	DC	Date	MARCH 2015	EED13609-100
Scales @ A1 work to figured dimensions only			1:500	Computer File No EED13609-100ESA000017.dwg
Publisher	Zone	Category	Number	Revision
EED	SA	80	0017	A01





F. Written Scheme of Investigation



Elizabeth Shaw Factory, Greenbank, Bristol

Written Scheme of Investigation for Archaeological Building Recording

January 2015

Waterman Energy, Environment & Design Limited

Pickfords Wharf, Clink Street, London SE1 9DG
www.watermangroup.com

Elizabeth Shaw Factory, Greenbank, Bristol

Written Scheme of Investigation for Archaeological Building Recording

Client Name: Generator LLP
Document Reference: EED15277-100_R_1_1_1_TM
Project Number: EED15277-100

Quality Assurance – Approval Status

This document has been prepared and checked in accordance with Waterman Group's IMS (BS EN ISO 9001: 2008, BS EN ISO 14001: 2004 and BS OHSAS 18001:2007)

Issue	Date	Prepared by	Checked by	Approved by
First	30/01/2015	Tim Murphy Principal Heritage Consultant	Susana Parker Senior Heritage Consultant	Keith Rowe Technical Director

Comments

Our Markets



Property & Buildings



Transport & Infrastructure



Energy & Utilities



Environment

Disclaimer

This report has been prepared by Waterman Energy, Environment & Design Limited, with all reasonable skill, care and diligence within the terms of the Contract with the client, incorporation of our General Terms and Condition of Business and taking account of the resources devoted to us by agreement with the client.

We disclaim any responsibility to the client and others in respect of any matters outside the scope of the above.

This report is confidential to the client and we accept no responsibility of whatsoever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report at its own risk.

Contents

Executive Summary

1. Introduction.....	1
Project Background.....	1
2. Aims	2
Historic Building Record	2
3. Understanding the Asset	3
Site Overview	3
4. Historic Building Recording Methodology	4
Scope of Historic Building Recording	4
5. Documentary Research	5
Site Investigation and Recording	5
External Record	5
Internal Record	5
Measured Survey.....	5
Photographic Record	5
6. Report and Archive	7
Report.....	7
Archive.....	7
Project Management and Staffing	8
Personnel.....	8
7. Health and Safety	9

Appendices

Appendix A Standard Requirements

1. Introduction

Project Background

- 1.1. Waterman Energy Environmental and Design Ltd has been commissioned by Generator LLP to carry out a scheme of historic building recording at the former Elizabeth Shaw Chocolate Factory (hereafter referred to as the 'Site' or 'Study Area'). The Site is located in Greenbank, Bristol; centred on National Grid Reference ST 616 743. No listed buildings or other statutory designated heritage assets are located within the Study Area. The closest listed building, in the form of entrance gates and piers (Listing ID: 1202252), is located to the north of the Site on Greenbank Road and associated with Greenbank Cemetery.
- 1.2. The Written Scheme of Investigation (WSI) detailed in this document has been prepared to satisfy pre-commencement Condition 2 in application 14/06330/N which states:

"Prior to the demolition of the buildings hereby approved, all of the buildings on site should be fully recorded by photographs and this information submitted to and be approved, in writing by the LPA. The recording shall be carried out by an archaeologist or archaeological organisation approved by the Local Planning Authority.

Reason: In the interests of recording the buildings prior to demolition in recognition of their cultural and historic significance."

This WSI sets out the programme and manner within which Waterman will undertake this work. This will include the methodology for carrying out an English Heritage 'Level 3' historic building record as defined in *Understanding Historic Buildings: A Guide to Good Recording Practice* (English Heritage 2006), and in accordance with the *Standards and guidance For the archaeological investigation and recording of standing buildings or structures* (Chartered Institute for Archaeologists, December 2014). This WSI has been prepared in accordance with best practice and will be provided to the Bristol City Council. The programme of archaeological building recording shall not commence until approval in writing has been received from Bristol City Council.

2. Aims

Historic Building Record

- 2.1 The aim of this programme of recording is to provide a long-term sustainable record of the former factory prior to its partial demolition. The building is considered significant as the site of the former Elizabeth Shaw Factory as well as its association with previous owners, such as Packers, and the contribution it made to the local economy throughout the twentieth century. The buildings are also considered to display a chronology of industrial and architectural development from the early to mid-twentieth century.
- 2.2 The record aims to:
- Provide an outline history of the Site, in order to set its historical context within the wider Site;
 - Assess the significance of Site;
 - Record the external elevations of buildings within the Site;
 - Record the interior spaces (due health and safety and very limited access this element of the record will be very restricted).

3. Understanding the Asset

Site Overview

- 3.1 The chocolate factory was first constructed by H.J. Packer and Co. 'Packer & Co' was established in 1881 by Edward Packer at 47 Armoury Square in Bristol. The factory was constructed in c.1901-1902 to the designs by Horace Cole and formalised by architect Fred Shove. The original factory was built by Bristol firm Messers Wm. Cowlin & Sons and comprised of four buildings; three four-floored structures formed the principal factory buildings, and the fourth was a timber shed and carpenters shop.
- 3.2 In c.1918, a new formal office block was constructed at the corner of Turley Road and Co-Operation Road, fronted in stone. This building survives today and will be retained by the proposed development.
- 3.3 In the early post-war (post 1918) period two additional factory blocks were constructed. The first is a large brick structure with hipped roof, similar in form to the earlier buildings, added to the east side. The second was a large reinforced concrete structure.
- 3.4 The next phase of construction at the Site took place between 1966 and 1973, when the factory site was significantly upgraded. This included the construction of an additional 25,000 square feet of open plan operating space. This was achieved by infilling the open areas between the two easternmost parallel ranges, which are the reinforced concrete and brick structure built after the original construction phase mentioned above.
- 3.5 No other major construction work is known to have happened at the Site. The factory closed in 2006. The Site is now subject to development proposals. Permission has been granted for the partial demolition of the building within the Site including the early structures which formed the central core of the building complex.

4. Historic Building Recording Methodology

Scope of Historic Building Recording

- 4.1 The scope set out below outlines the work required to meet the criteria of an English Heritage Level 3 survey. A level 3 historic building record is considered appropriate to fully preserve the form and detail of the buildings by archive.
- 4.2 The scope is based on the availability of detailed 'as existing' plans and elevations of the building to be provided by Generator Group. These existing plans will be annotated to provide an appropriate level of understanding and interpretation.
- 4.3 A Level 3 survey is described in the English Heritage guidance as follows:

"Level 3 is an analytical record, and will comprise an introductory description followed by a systematic account of the building's origins, development and use. The record will include an account of the evidence on which the analysis has been based, allowing the validity of the record to be re-examined in detail. It will also include all drawn and photographic records that may be required to illustrate the building's appearance and structure and to support an historical analysis."

5. Documentary Research

- 5.1 A programme of documentary research has already been undertaken to establish the chronology of construction, the building in context and the key associative history of the Site. This will inform a historical overview of the Site which will be included in the final report.

Site Investigation and Recording

- 5.2 Existing floor plans and elevations will be utilised to guide on site observation and provide a location plan to record the location of photographic viewpoints. The following aspects of the building will be recorded photographically and through annotation of existing floor plans/elevations.

External Record

- 5.3 All elevations of the building will be photographically recorded. Where necessary, detailed photographs will be taken of features of heritage or aesthetic merit. The external record will also detail general character features such as windows, doors and masonry.
- 5.4 The north (Co-operation Street fronting) elevation and opposing south elevation will be recorded using rectified photography.

Internal Record

- 5.5 The interior of the buildings have been deemed unsafe for access. As such there will be no opportunity for internal recording. Photographs previously taken of the site, in 2014, will be incorporated into the record. Where possible the photographic record will also be complimented with images from the demolition phase (if this can be safely undertaken) and images of the retained buildings once made safe.

Measured Survey

- 5.6 Surveys, including elevations and plans, have been provided by Generator LLP. Survey drawings contained within the main body of the report will be annotated to illustrate the phases within the building to further understand the story of the former factory's development.
- 5.7 An appendix will contain all copies of the measured survey, these will be illustrated to scale, typically 1:50. All drawings (located outside of the main body of the report), shall be allocated drawing numbers and recorded in a drawing register which will be held in the site archive.

Photographic Record

- 5.8 A photographic record will be made of the exterior of the buildings commensurate with the scope of a level 3 record, as defined in *Understanding Historic Buildings; a guide to good recording practice* (English Heritage, 2006).
- 5.9 The photographic record will also note architectural details to chronicle the former uses of the buildings.
- 5.10 A high quality digital record will be made using a digital SLR camera. Photographs will be taken at 12 million pixel resolution and deposited as a .jpeg file, as agreed with the Archaeological Database Service.
- 5.11 A remote flash and tripod will be used in poor lighting conditions. A photographic scale of appropriate size will be included in detailed views where appropriate.

- 5.12 All photographic views will be recorded on site on copies of the 'as existing' floor/site plans of the buildings. These will be complemented by photographic registers which will, as a minimum, give the direction of the view and a brief description of the subject.
- 5.13 A selection of the photographic record will be used to illustrate the report to provide an overview understanding of the existing building, its historic use and its context.
- 5.14 The full photographic record, together with copies of the annotated plans and the photographic gazetteer will be included in the site archive.
- 5.15 Rectified elevations will be produced in colour at 1:20 scale accuracy of the two long composite elevations; the north and south elevations. The rectified photography will be taken with a Hasselblad H3D39 medium format digital camera. The elevations will be shown square on.

6. Report and Archive

Report

- 6.1 The written report will provide a description of the buildings (including scale and massing, construction, materials, layout and architectural detail), its history and heritage significance.
- 6.2 The report will broadly take the following structure:
- Introduction;
 - Methodology;
 - Understanding (Including historical overview and interpretation);
 - The Record (Including material from the onsite survey);
 - Statement of Significance;
 - Summary and Conclusions; and
 - Bibliography.
- 6.3 The report will be produced to guidance set out within *Understanding Historic Buildings, A guide to good recording practice* (English Heritage 2006) and will be illustrated with, as a minimum:
- Site location plan;
 - Copies of a selection of historic maps and photographs (where copyright allows);
 - Selection of images from the photographic record;
 - Annotated site plan showing locations of selected photographs;
 - Annotated plans of phasing to aid interpretation and understanding; and
 - Appendix containing measured plans and elevations of the building, illustrated at an appropriate scale, typically 1:50.
- 6.4 The report will be provided in a single bound copy with an appended CD containing the archive and report in .pdf format. This copy of the report will be submitted to Bristol Historic Environment Record,
- 6.5 Production of the report will be completed by late February 2015.

Archive

- 6.6 An archive of this scheme of building recording will be completed; this will contain all the raw data from the on-site investigation. The project archive will be deposited with the Archaeological Data Service (ADS). A site code has been obtained from OASIS (waterman2-202132) which will be used for the ADS deposition. The archive will be deposited in April 2015.
- 6.7 The archive will be provided on a memory drive and will include (as agreed with ADS):
- Digital photographic record (.jpeg format);
 - Photographic registers of all photographic images (.pdf and .xls format);
 - Site plan annotated with the locations of selected photographic views (.pdf format); and
 - A report in .pdf format.

Project Management and Staffing

Personnel

- 6.8 The scheme of building recording will be undertaken by an experienced buildings archaeologists from Waterman's core staff:

Tim Murphy BA PG Dip MCI/A IHBC: Principal Heritage Consultant/Buildings Archaeologist

Susana Parker BA MA ACI/A AIEMA: Senior Archaeologist and Heritage Consultant

- 6.9 Tim and Susana will be undertaking the on-site building recording and production of the report. Tim has worked as a buildings archaeologist and heritage consultant for the past 10 years in England, Ireland and Bahrain. He has worked on and recorded a diverse range of historic buildings and sites. In recent years Tim has become a specialist in the understanding and recording of 20th century industrial buildings.

- 6.10 Tim's experience in managing schemes of archaeological building recording include:

- EMI Factory, Hayes, Middlesex
- Rolls-Royce Factory, Derby
- The Heygate Estate, London
- Waterford Cathedral, Ireland
- Bishop's Palace, Kilkenny, Ireland
- Killeen Castle, County Meath, Ireland
- Royal Theatre Haymarket, London
- Bu Maher Fort, Bahrain

7. Health and Safety

- 7.1 Safe working conditions will be of paramount importance during the undertaking of this scope of works. All work will be carried out in accordance with Waterman's Health and Safety Policies. Waterman will supply a copy of their Health and Safety Policy and a Risk Assessment to the client and project managers prior to the commencement of fieldwork.



APPENDICES

Appendix A Standard Requirements

General

The requirements of the Brief will be met in full where reasonably practicable.

Any significant variations to the proposed methodology will be agreed with the Local Authority's archaeological representative in advance.

The scope of work detailed in the main part of the specification is aimed at meeting the aims of the project in a cost-effective manner. Waterman EED attempts to foresee possible site-specific problems and resource these. However there may be unusual circumstances which have not been included in the costing and programme, such as:

- Unavoidable delays due to extreme bad weather;
- Vandalism

Health and Safety and Insurance

All work will be carried out to the requirements of Construction (Design and Management) Regulations (2007) and any main contractor's requirements.

Waterman EED will not be liable to indemnify the Client against any compensation or damages for or with respect to injuries or damage to persons or property resulting from any act or neglect or breach of statutory duty done or committed by the Client or his agents, servants or their contractors (not being employed by Waterman EED) or for or in respect of any claims demands proceedings damages costs charges and expenses in respect thereof or in relation thereto.

Copyright and Confidentiality

Waterman EED will retain full copyright of any commissioned reports, tender documents or other project documents, under the Copyright, Designs and Patents Act 1988 with all rights reserved; excepting that it will provide an exclusive licence to the Client in all matters directly relating to the project as described in the WSI.

Waterman EED will assign copyright to the Client upon written request but retains the right to be identified as an author of all project documentation and reports as defined in the Copyright, Designs and Patents Act 1988 (Chapter IV. S.79).

Waterman EED will advise the Client of any such materials supplied in the course of projects that are not Waterman EED's or the archaeological contractor's copyright.

Waterman EED undertakes to respect all requirements for confidentiality about the Client's proposals provided that these are clearly stated. It is expected that such conditions shall not unreasonably impede the satisfactory performance of the services required. Waterman EED further undertake to keep confidential any conclusions about the likely implications of such proposals for the historic environment. It is expected that clients respect Waterman EED's general ethical obligations not to suppress significant archaeological data for an unreasonable period.

Standards and Procedures

Waterman EED shall conform to the standards of professional conduct outlined in the IfA Code of Conduct, the IfA Code of Approved Practice for the Regulation of Contractual Arrangements in Field Archaeology, the IfA Standards and Guidance for Field Evaluations, Desk Based Assessment, etc. and the British Archaeologists and Developers Liaison Group Code of Practice.

UK and Ireland Office Locations

