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References

ABBREVIATIONS

ABN	<i>Architect & Building News</i>
AJ	<i>Architects' Journal</i>
B	<i>The Builder</i> , from 1966 <i>Building</i>
Baker	L. A. J. Baker, <i>A list of the places of worship in the Boroughs of Deptford, Greenwich, Lewisham and Woolwich, etc</i> , 1961
Barker	John Barker's Plan of Woolwich, 1748–9 (in British Library, King George III Topographical Collection XVII, item 21)
BD	<i>Building Design</i>
BEAT	Burrage Estate Abstract of Title, 1904 (in Greenwich Heritage Centre)
BESP	Burrage Estate Sales Particulars, 1904–6 (in National Monuments Record)
BDCE	<i>Biographical Dictionary of Civil Engineers</i>
BL	British Library
BMPD	British Museum Department of Prints and Drawings
BN	<i>Building News</i>
Booth	Charles Booth, <i>Life & Labour of the People in London</i> , 1902–3 edn
Booth collection	Original notebooks for Charles Booth's survey, Archives Division of the Library of the London School of Economics and Political Science
Burford and Watson	<i>Aspects of the Arsenal: The Royal Arsenal, Woolwich</i> , eds Beverley Burford and Julian Watson, 1997
CERC	Church of England Record Centre
Colvin	Howard Colvin, <i>A Biographical Dictionary of British Architects 1600–1840</i> , 3rd edn, 1995

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CRE	Commanding Royal Engineer
Drake	Henry H. Drake, <i>Hasted's History of Kent</i> , 1886
Doull	Alexander Doull's Map of Woolwich, 1843 (in London Metropolitan Archives, SC/PM/WO/1/2)
DSR	District Surveyors' Returns (in London Metropolitan Archives)
EH	English Heritage
EHLO	English Heritage, London Office
GBC	Royal Borough of Greenwich, Environment and Planning Department, Building Control files
GHC	Greenwich Heritage Centre, Royal Arsenal, Woolwich (Royal Borough of Greenwich)
GL	Guildhall Library
GLC	Greater London Council
GLHER	English Heritage Greater London Historic Environment Record
GP	Royal Borough of Greenwich planning applications online
Goad	Goad Insurance maps (in Greenwich Heritage Centre)
Gosset	Ten Feet Plan of Woolwich, surveyed by Capt. W. D. Gosset et al of the Ordnance Survey, 1853 (in Greenwich Heritage Centre)
Hasted	Edward Hasted, <i>The History and Topographical Survey of the County of Kent</i> , volume 1, 1797
Hogg	Brigadier O. F. G. Hogg, <i>The Royal Arsenal: its Background, Origin and Subsequent History</i> , 2 volumes, 1963
ICE	Institution of Civil Engineers
ILEA	Inner London Education Authority
ILN	<i>Illustrated London News</i>
Jefferson	E. F. E. Jefferson, <i>The Woolwich Story: 1890–1965</i> , 1970

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KI	<i>Kentish Independent</i>
LBG	London Borough of Greenwich (records in Greenwich Heritage Centre)
LT	Land Tax assessments (in London Metropolitan Archives, 4263/1/852–8 for 1737–74, and Centre for Kentish Studies, QRPL/423 for 1780–1832)
LCC	London County Council
LMA	London Metropolitan Archives
LPL	Lambeth Palace Library
MBW	Metropolitan Board of Works
NMM	National Maritime Museum, Greenwich
NMR	National Monuments Record (English Heritage)
ODNB	<i>Oxford Dictionary of National Biography</i>
OHS	Ogilby Housing Society records
OS	Ordnance Survey maps of London, 1:1056
PA	Parliamentary Archives
POD	Post Office and other directories
PP	<i>Parliamentary Papers</i>
RA	Royal Artillery
RAHT	Royal Artillery Historical Trust, Firepower Collection
RB	Woolwich ratebooks (in London Metropolitan Archives, P97/MRY/69–75 for 1736–1805, and Greenwich Heritage Centre for later years)
RE	Royal Engineers
RIBA	Royal Institute of British Architects
RO	Record Office
Rochard	J. S. Rochard, <i>Woolwich and Plumstead Illustrated</i> , 1894 (in Greenwich Heritage Centre)
Roscoe	Ingrid Roscoe et al., <i>A Biographical Dictionary of Sculptors in Britain, 1660–1851</i> , 2009
SBL	School Board for London

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<i>Shopping</i>	<i>'Shopping' From Both Sides of the Counter</i> , Woolwich and District Antiquarian Society Occasional Paper 4, 2005
SPO	State Papers Online
Timbers	<i>The Royal Artillery, Woolwich: A Celebration</i> , ed. Brigadier Ken Timbers, 2008
Tithe	Tithe map and apportionment for Woolwich parish, 1847 (in The National Archives, IR29/17/400 and IR30/17/400)
TNA	The National Archives
UGA	University of Greenwich Archives, Woolwich Polytechnic Archive
VCH	Victoria County History
Vincent	W. T. Vincent, <i>The Records of the Woolwich District</i> , 2 volumes, 1888 and 1890
WASP	<i>Woolwich and District Antiquarian Society Proceedings</i> (in Greenwich Heritage Centre)
WBC	Woolwich Borough Council (records in Greenwich Heritage Centre)
WBCDC	Woolwich Borough Council Development Committee, 1952–65 (records in Greenwich Heritage Centre)
WJ	<i>Woolwich Journal</i> (including <i>Jackson's Woolwich Journal</i>)
WLBH	Woolwich Local Board of Health (records in Greenwich Heritage Centre)
WTC	Woolwich Town Commissioners (records in Greenwich Heritage Centre)
WV	Woolwich Vestry (Minutes in London Metropolitan Archives, P97/MRY/49–51 for 1698–1855)

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Introduction

1. Interview in 'S.E.18: impressions of a London suburb', 1964, film written, produced and directed by Alan G. Bell
2. Daniel Defoe, *A Tour through the Whole Island of Great Britain* (1724–6), ed. Pat Rogers, 1971, p.116
3. Richard Ruegg, *Summer's Evening Rambles Round Woolwich*, 1847, p.10
4. *The Echo*, 30 May 1894
5. Booth, 3rd series, vol.5, p.135
6. Ian Nairn, *Nairn's London*, 1966, p.185
7. Norman Shrapnel, *A View of the Thames*, 1977, pp.160–1
8. *Property Week*, 4 April 2008
9. Brian Philp, *Woolwich Power Station Site: S.E. London (formerly Kent), The Major Iron Age Riverside Fort and Roman Settlement*, Kent Archaeological Rescue Unit, 2010: *London Archaeologist*, Spring 2008, p.336: G. Brown, 'Roman Greenwich', *Archaeologia Cantiana*, vol.122, 2002, pp.293–5: Hasted, p.28: GLHER, SLO67168, 'The Royal Arsenal Woolwich: an archaeological study', report by the Mills Whipp Partnership (sections by Christopher Phillipotts), 1995, pp.5–10; SLO79449, 'The Teardrop Site, Warren Lane, Woolwich: Archaeological Summary Statement', Oxford Archaeology, 2008
10. Julian Watson, 'St Peter's Abbey, Ghent, and its 400-year ownership of Lewisham and Greenwich', *Journal of the Greenwich Historical Society*, vol.3, no.6, 2009, pp.323–33: VCH *Essex*, vol.6, 1973, p.8: Hogg, pp.112–14: Vincent, pp.14–15, 477–8: *ODNB*: information supplied by Julian Watson
11. Hasted, pp.441–54: Drake, pp.144–71: William Norman, 'The Manor of Woolwich', *WASP*, vol.5, 1900, pp.31–7: GHC, Cutler MSS: Winifred Cutler, 'Tower Place', in Burford and Watson, pp.19–22: *A Descriptive Catalogue of Ancient Deeds*, ed. H. C. Maxwell Lyte, vol.3, 1900, A.4911: Hogg, pp.114–141: Vincent, pp.18–20: GLHER, SLO67168, pp.10–19; SLO79449
12. GL, MS 31302/406: TNA, ADM106/491/46; E178/6795: *Miscellanea Genealogica et Heraldica*, ed. J. J. Howard, new series, vol.2, 1877, pp.177–82: Norman, 'Manor', pp.37–42: Drake, pp.149–51: Hogg, pp.125–8: Vincent, p.301
13. GL, MS 31302/406: GHC, U962/L1; U1160/L1: LMA, HB/D/105
14. GL, MS 31302/406: TNA, C13/2462/11: GHC, chronological index to the Bowater family; Cutler MSS: PA, HL24, p.116: 19 Geo III, c.52: Helen Matilda and William Barclay Squire, *Catalogue of the Pictures in the Collection of the Earl of Radnor*, vol.2, 1909, pp.83–4: *ODNB*
15. TNA, CP43/793/231

DRAFT

16. GHC, chronological index to the Bowater family; Cutler MSS: Matilda and Squire, *Catalogue*: Geoffrey Syer, 'Beethoven and William Gardiner', *Musical Times*, vol.128, no.1731, May 1987, pp.256–8
17. Charles Long to Jeremy Bentham, July 1796, in *The Correspondence of Jeremy Bentham*, ed. Alexander Taylor Milne, vol.5, 1981, p.230: TNA, C12/2157/5; C13/943/19: Hasted, p.449
18. TNA, C13/941/6; C13/962/34; C110/126; PROB11/1552; WO396/65, p.3: GL, MS 31302/406: GHC, Cutler MSS: CKS, U36/T1024: Matilda and Squire, *Catalogue*
19. TNA, C13/144/15; C13/144/19; C13/941/6; C13/943/19; C13/962/34; C13/1400/47; C13/1633/25; C13/2230/7; C13/2462/11; C111/175; J91/170; PROB11/1513: GL, MS 31302/406: GHC, Bowater papers: OHS, Abstract of Title to Premises in Powis Street and Green's End, Woolwich, 1907: *The Times*, 13 Oct 1812, p.4; 21 Feb 1820, p.4: *Morning Chronicle*, 18 Feb 1820
20. 21 Geo III, c.46: 42 Geo III, c.89; 43 Geo III, c.35 and 65; 44 Geo III, c.79 and 107: TNA, WO396/65
21. Hogg, p.132: *Kent Hearth Tax Assessment Lady Day 1664*, ed. Duncan Harrington, 2000, pp.xxx–lvi, xciii–cii
22. John Strype, *A Survey of the Cities of London and Westminster*, vol.1, 1720, p.42
23. M. Oppenheim, 'The Royal Dockyards', in *VCH Kent*, vol.2, 1926, pp.367–78: Philip MacDougall, 'The Royal Dockyards of Woolwich and Deptford', in *Dockland: An illustrated historical survey of life and work in east London*, ed. R. J. M. Carr, 1986, p.125
24. TNA, WO47/86, pp.21–2
25. William Cobbett, *Advice to Young Men, and (incidentally) To Young Women*, 1839, para 95: Daniel Lysons, *The Environs of London*, vol.1, pt2, 1811 edn, p.592: F. C. Elliston-Erwood, 'John Barker's Plan of Woolwich, 1749', *WASP*, vol.29, 1949, pp.52–4: GLHER, SLO67168, pp.25–6,32,39–40: Roger Knight, 'From Impressment to Task Work: Strikes and Disruption in the Royal Dockyards, 1688–1788', and Roger Morriss, 'Government and Community: The Changing Context of Labour Relations, 1770–1830', in *History of Work and Labour Relations in the Royal Dockyards*, eds Kenneth Lunn and Ann Day, 1999, pp.1–40: David Gates, 'The Transformation of the Army 1783–1815', in *The Oxford History of the British Army*, eds David G. Chandler and Ian Beckett, 1994, pp.132–60
26. *Pigott's Directory*, 1823–4, p.84: WV Mins
27. Richard Morriss, *The Royal Dockyards during the Revolutionary and Napoleonic Wars*, 1983, pp.108–9: *VCH Kent*, vol.3, 1932, p.370: Hogg, p.1289
28. *Saturday Magazine*, 22 Dec 1838, p.233: WV Mins
29. Robert Rawlinson, *Report to the General Board of Health on a preliminary inquiry into the sewerage, drainage, and supply of water, and the sanitary condition of the*

DRAFT

- inhabitants of the parish of Woolwich, in the County of Kent*, 1851, p.56: POD: VCH Kent, vol.3, 1932, p.370: Drake, p.166
30. Booth, 3rd series, vol.5, p.120: Geoffrey Crossick, *An Artisan Elite in Victorian Society: Kentish London 1840–1880*, 1978
31. GHC, William R. Smith, Medical Officer of Health, *Report on the health, sanitary condition, etc, of the district of Woolwich*, 1899, p.51: Census
32. Booth, 3rd series, vol.5, p.98
33. GHC, Iris Forrester, 'Educational provision in Woolwich from 1870 to 1904, with particular reference to elementary schooling', MA dissertation, University of London, Institute of Education, 1988
34. *Summer Excursions in the County of Kent*, 1847, p.107: Booth, 3rd series, vol.5, pp.85,120: R. Mudie-Smith, *The Religious Life of London*, 1904, pp.249–51: Jefferson, pp.91–3: Crossick, *Artisan Elite*, pp.139–44
35. GHC, Medical Officer of Health's annual reports on Woolwich, 1890–1900: Booth, 3rd series, vol.5, passim: C. H. Grinling, 'Fifty Years of Pioneer Work in Woolwich', in Walter T. Davis, *The History of the Royal Arsenal Co-operative Society Ltd, 1868–1918*, 1921, pp.236–63: Jefferson, pp.6–14
36. VCH Kent, vol.3, 1932, p.370: Margaret Gaffney, 'The Woolwichers', *The Scots Magazine*, vol.151, no.5, 1999, pp.488–90: DSR
37. TNA, MH66/404
38. KI, 12 May 1961
39. *The Motor*, 22 Feb 1961
40. Interview in 'S.E.18: impressions of a London suburb', 1964
41. TNA, WO32/20386
42. GLHER, SLO18478, English Partnerships et al, 'Woolwich Arsenal: the bottom line – site review, annex 1', 1994, p.12: GHC, LBG 1981 and 1991 census ward profiles:
www.greenwich.gov.uk/Greenwich/YourCouncil/TheBorough/GreenwichProfile/2001Census.htm
43. Historical Manuscripts Commission, *Fourth Report*, 1874, p.313: TNA, C202/63/3: C. A. Belcher, 'Woolwich and its Ferries', *PLA Monthly*, Oct 1966, p.376: Hogg, p.119: *Survey of London*, vol.44, 1994, pp. 553–4
44. John Grant, *A Guide to Woolwich*, 1841, p.3
45. TNA, WO47/89, pp.499,536–7; WO47/102, pp.574–5; WO47/103, pp.6,167: F. C. Elliston-Erwood, 'The Turnpike Roads between Woolwich and Greenwich', *WASP*, vol.30, 1953, pp.2–52: T. C. Barker and Michael Robbins, *A History of London Transport*, vol.1, 1963, pp.28–9,40–2,392

DRAFT

46. CKS, Q/RUM 129: BL, 578.m.15: Vincent, p.118: C. F. Dendy Marshall, *A History of the Southern Railway*, 1936, pp.377–80: R. W. Kidner, *The North Kent Line*, 1977, pp.2–7
47. Colvin, p.321
48. TNA, RAIL1066/1550; WO55/760
49. TNA, RAIL1066/1550: *WJ*, Feb 1845, p.73; Aug 1845, p.168; Feb 1846, p.25: 9 & 10 Vic, c.305: *BDCE*, vol.2, pp.803–8: personal communication with John Vignoles
50. TNA, RAIL1066/1550; RAIL635/1,3,20,22,24,335: *WJ*, July 1846, p.111; Nov 1846, p.169; March 1849, p.40: *BDCE*, vol.2, pp.48–9,128–9,439–40; Colvin, pp.115–6
51. T. C. Barker and Michael Robbins, *A History of London Transport*, vol.1, 1963, pp.174,266; vol.2, 1974, p.339: Jefferson, pp.75–84
52. *Surveyor and Municipal and County Engineer*, 2 June 1911, p.798
53. LMA, P97/MRY50
54. WV Mins: *House of Commons Journals*, vol.62, 1806–7, pp.128,237,320,706,781: PA, HL53, p.417: 47 Geo III, c.111: 48 Geo III, c.146: Vincent, pp.66–7
55. WV Mins
56. Rawlinson, *Report*, p.6
57. WV Mins: *PP* 1845 (602) (610), XVIII.1, *Reports from Commissioners: state of large towns and populous districts*, Part 2, Appendix, pp.99–105: Rawlinson, *Report: GHC*, Christine Butler, ‘Some Aspects of the Work of the Local Boards of Health with special reference to Woolwich Local Board of Health between 1848 and 1875’, MA thesis, Polytechnic of the South Bank, 1978: Vincent, pp.79–92
58. WLBH Mins: Freda E. Mayes, ‘Local Government in Woolwich’, *WASP*, vol.31, 1954–7, pp.27–8: Diana Rossborough, ‘William Thomas Vincent 1835–1920, Founder-President of the W.A.S.’, *WASP*, vol.38, 1986, pp.22–6
59. Mayes, ‘Local Government’, pp.28–35
60. WBC Mins: Mayes, ‘Local Government’, pp.37–41: Vincent, pp.102–13: Jefferson, pp.41–53
61. GHC, *Fifty Years History of the Woolwich Labour Party, 1903–1953*, ed. R. B. Stucke, 1953, pp.7–14: Mayes, ‘Local Government’, pp.41–2,56: Paul Tyler, ‘The Royal Arsenal workers and independent labour representation: A beacon in the dark’, in Burford and Watson, pp.101–10: Crossick, *Artisan Elite*, p.245: Grinling, ‘Pioneer Work’: Booth collection, B290, pp.107–53: *The Times*, 2 June 1947, p.7: Paul Thompson, *Socialists, Liberals and Labour: The Struggle for London 1885–1914*, 1967, p.23: Paul Tyler, *Labour’s Lost Leader: the life and politics of Will Crooks*, 2007: *ODNB*

DRAFT

62. TNA, MH66/404
63. WBC Mins: *Fifty Years History*, pp.14–53,60–3,71–82: Mayes, ‘Local Government’, pp.42–6: *ODNB*
64. LBG Mins: Jefferson, pp.421–9: information supplied by Julian Watson
65. Crossick, *Artisan Elite*, pp.55–7
66. Rawlinson, *Report*, pp.47–8: Booth, 3rd series, vol.5, p.86
67. Myna Trustram, *Women of the Regiment: marriage and the Victorian army*, 1984: Peter Burroughs, ‘An Unreformed Army? 1815–1868’, in eds Chandler and Beckett, *British Army*, pp.172–4

CHAPTER I

Central Riverside Area

1. TNA, E36/5, pp.127,267; E40/4981; E101/61/28, ff.46–9,53; C54/531: GHC, Cutler MSS: W. T. Vincent, ‘A Buried Battle Ship at Woolwich’, *WASP*, vol.19, 1913, pp.74–7: Brian Philp and Derek Garrod, ‘The Woolwich Ship’, *Kent Archaeological Review*, Winter 1983, pp. 87–91: GLHER, SLO67168, ‘The Royal Arsenal, Woolwich: an archaeological study’, report by the Mills Whipp Partnership (sections by Christopher Phillpotts), 1995, p.27: M. Oppenheim, ‘The Royal Dockyards’, in *VCH, Kent*, vol.2, 1926, p.338: Vincent, pp.221–2: *ODNB*
2. Vincent, p.303
3. TNA, WO49/182, f.39; WO51/4, pp.3,117; TS21/26: Hogg, pp.159–74: F. C. Elliston-Erwood, ‘John Barker’s Plan of Woolwich, 1749’, *WASP*, vol.29, 1949, pp.26–8
4. LMA, E/MW/C/200: Hogg, pp.157–9,167,172: *ODNB*, sub Pritchard: Winifred Cutler, ‘Tower Place’, in Burford and Watson, pp.25–6: *Kent Hearth Tax Assessment Lady Day 1664*, ed. Duncan Harrington, 2000, p.16
5. SPO 29/296, f.173
6. TNA, ADM106/307, ff.241,243; ADM106/496/202: NMM, ADM/Y/W/13
7. SPO 12/90, f.72: Hogg, pp.155–9: Drake, pp.155–6: Vincent, p.301: Martha Morris, ‘Naval Cordage Procurement in Early Modern England’, *International Journal of Maritime History*, vol.11, no.1, June 1999, pp.81–99
8. Jonathan G. Coad, *The Royal Dockyards, 1690–1850*, 1989, pp. 197–223: H. W. Dickinson, ‘A Condensed History of Rope-making’, *Transactions of the Newcomen Society*, vol.23, 1943, pp.71–91
9. Drake, pp.155–6: Morris, ‘Cordage’: BL, Add. MS 9294, f.317: SPO 16/228, f.18; SPO 16/239, f.53

DRAFT

10. *The Diary of Samuel Pepys*, 4 June and 21 July 1662: TNA, ADM106/106/315/92,98: CKS, Q/SB/9/39: Vincent, pp.306–7: W. Tyson, *Rope: a history of the Hard Fibre Cordage Industry in the United Kingdom*, 1967, pp.5–6
11. BL, King's MS 43, ff.59v–64r: NMM, ADM/Y/W/12,14: TNA, ADM106/491/43; ADM106/496/173,180,204,218,247,267; ADM140/1152: Coad, 'Royal Dockyards': Celina Fox, 'The Ingenious Mr Dummer: Rationalizing the Royal Navy in Late Seventeenth-Century England', *Electronic British Library Journal*, 2007, article 10, pp.38–41
12. Roger Knight, 'From Impressment to Task Work: Strikes and Disruption in the Royal Dockyards, 1688–1788', in *History of Work and Labour Relations in the Royal Dockyards*, eds Kenneth Lunn and Ann Day, 1999, p.3: Tyson, 'Rope'
13. TNA, ADM140/1152; ADM95/95–6: BL, 578.m.15
14. Drake, pp.155–6: Dickinson, 'Rope-making': Roger Morriss, *The Royal Dockyards during the Revolutionary and Napoleonic Wars*, 1983, p.109: *Encyclopaedia Britannica*, 1824, p.595: *A New and Comprehensive Gazetteer of England*, 1835, p.392
15. VCH, *Kent*, vol.3, 1932, pp.401–2: ODNB: NMR, TQ47NW179: Penny Robinson, 'Archaeological Trial Excavations in the Woolwich Area, 1977', *WASP*, vol.36, 1977, p.31
16. Alice Pandrich, 'Excavations near Woolwich Old Ferry Approach: The 17th century kilns and later structures', *WASP*, vol.35, 1976, pp.18–24: Sylvia Pryor and Kevin Blockley, 'A 17th-century Kiln Site at Woolwich', *Post-Medieval Archaeology*, vol.12, 1978, pp.30–43: TNA, MPH1/236: Cutler, 'Tower Place', p.30
17. *WASP*, vol.19, 1913, p.66; 23; vol.23, 1925, pp.45–6: Elliston-Erwood, 'Barker's Plan', pp.33–4: Hogg, pp.396–400: DSR
18. F. C. Elliston-Erwood, 'The Mediaeval Parish Church of Woolwich', *WASP*, vol.29, 1949, p.39
19. Dan Jones, 'Rescue Excavations on the Site of St Mary's Church, Woolwich', *WASP*, vol.34, 1973, p.2
20. 'The Church at Woolwich in 1736', *WASP*, vol.10, 1905, pp.44–9
21. Elliston-Erwood, 'Parish Church', p.43: Jones, 'Rescue Excavations', p.2: GHC, rolled plans
22. *WASP*, vol.10, 1905, p.45
23. Elliston-Erwood, 'Parish Church', pp.40–1
24. *WASP*, vol.10, 1905, p.45
25. SPO 16/199, ff.15–16; SPO 16/269, f.190: Drake, p.162
26. WV Mins: *WASP*, vol.10, 1905, pp.44–9
27. BL, SPR 357.b.6(53)
28. CKS, Q/SB/31/45, microfilm 234: *WASP*, vol.13, 1908, pp.86–8

DRAFT

29. BL, SPR 357.b.6(57), with printed date of 1718 on verso
30. WV Mins: Anthony Quiney, 'Thomas Lucas, Bricklayer, 1662–1736', *Archaeological Journal*, vol.136, 1979, p.273
31. 5 Geo II, c.4: *House of Commons Journals*, vol.21, 1727–32, pp.781,791–2,855
32. Lewisham Local Studies and Archives, A96/28/25,27; A97/21/M6
33. 12 Geo II, c.9: CKS, DRa/Ve1: *House of Commons Journals*, vol.23, 1737–41, pp.262,281,338: Drake, p.163
34. WV Mins: Vincent, p.155
35. LMA, P97/MRY/214/23
36. WV Mins
37. B, 2 Jan 1847, p.7
38. BN, 7 Jan 1876, p.4
39. BN, 24 May 1878, p.520; 19 Sept 1879, p.356
40. BN, 2 May 1879, p.467; 6 June 1879, p.630
41. BN, 9 May 1879, p.526: LMA, P97/MRY/127
42. LMA, P97/MRY/189
43. BN, 19 Sept 1879, p.356; 26 Sept 1879, p.385
44. BN, 24 Oct 1879, pp.481–2: B, 25 Oct 1879, p.1183
45. BN, 31 Oct 1879, p.538; 19 Dec 1879, p.740; 26 Dec 1879, p.812
46. LMA, P97/MRY/127
47. LPL, ICBS 9311
48. KI, 7 Dec 1889: LMA, P97/MRY/127
49. *Illustrated Church News*, 10 Nov 1894: LMA, P97/MRY/214/22,24: DSR
50. LMA, P97/MRY/123
51. www.stainedglassrecord.org/Ch.asp?ChId=8128
52. For other monuments see Drake, p.165
53. LPL, ECE 7/1/52144/1
54. Nicolas Stacey, *Who Cares*, 1971, pp.71–2
55. LPL, ICBS 13876
56. *Metropolitan Borough of Woolwich, Diamond Jubilee, Visit of Her Royal Highness The Princess Margaret and Mr. Antony Armstrong-Jones . . . 11 May 1961*
57. Stacey, *Who Cares*, pp.102–22
58. http://en.wikipedia.org/wiki/Nicolas_Stacey: LMA, P97/MRY/214/28–9
59. Stacey, *Who Cares*, pp.198–293
60. LPL, ICBS 13876: papers at church
61. 47 Geo III, c.111: Daniel Lysons, *The Environs of London*, vol.1, pt2, 1811 edn, p.590: Vincent, p.165
62. WV Mins

DRAFT

63. Robert Rawlinson, *Report to the General Board of Health . . . Woolwich*, 1851, p.44
64. WV Mins: Drake, p.163: Vincent, pp.153–5,160–2: Woolwich Churchyard Monumental Inscriptions, as transcribed in 1893, at www.kentarchaeology.org.uk/Research/Libr/MIsWoolwich/MIsWoolwichIntro.htm
65. *WJ*, Feb 1854, p.25: *BN*, 19 and 26 Sept 1879, pp.356,369
66. GL, Metropolitan Public Gardens Association Cuttings, vols3,14–18, passim: LMA, DR/F/1893/14
67. WBC Mins: papers at church: *KI*, 21 May 1970: EHLO photographs
68. Daniel Lysons, *The Environs of London*, vol.4, 1796, p.563: Vincent, pp.156–7: Woolwich Churchyard Mon. Insc.
69. *ODNB*, sub Cribb: *The Era*, 20 Aug 1848, 2 Sept 1849 and 3 and 24 Aug 1851: *James Nasmyth Engineer, An autobiography*, ed. Samuel Smiles, 1883, p.176: W. T. Vincent, *Woolwich. Guide to the Royal Arsenal, etc*, c.1884, p.146: Vincent, pp.157–8: EHLO photographs
70. LMA, E/MW/C/164: Drake, p.160
71. WV Mins: SPO 29/296, f.150: *PP* 1899 (93) LXIX.1, *Endowed charities (county of London)*, vol.2, pp.859–63: Elliston-Erwood, ‘Barker’s Plan’, pp.34–5: Drake, p.166: Vincent, pp.48–51,57–9
72. LMA, E/MW/C/1837/1: CKS, Q/RUM/158: BMPD, 1901,1930.1.37: BL, Add. MS 31331, f.130: TNA, MEPO5/23(128): DSR: Vincent, p.666: *ODNB*
73. 48 Geo III, c.146: 47 Geo III, c.111
74. LMA, E/MW/C/1089,1105
75. *PP* 1899, pp.851–6,860: NMR, MD96/2927: BL, Add. MS 31331, f.134: Drake, pp.149,161: Vincent, pp.122–7: Elliston-Erwood, ‘Barker’s Plan’, pp.36-7: *ODNB: A Descriptive Catalogue of Ancient Deeds*, ed. H. C. Maxwell Lyte, vol.6, 1915, c.7774,7884: Cutler, ‘Tower Place’, pp.18–32
76. WV Mins: *PP* 1899, pp.840–869: Drake, p.161: Vincent, pp.122–7
77. WV Mins: GHC, WPA1; WTC Mins: NMR, MD96/2184: *ILN*, 24 Feb 1844, p.19: Elliston-Erwood, ‘Barker’s Plan’, pp.36-7
78. TNA, E178/6795: GL, MS 31302/406: CKS, DRa/Ve1: Drake, pp.150,163: Vincent, p.163
79. LMA, B10/039, Survey of London copies of LCC Historical Records Sub-Committee notes, 1905: NMR, MD96/1808: GHC photographs; Vincent cuttings, vol.3, p.32: DSR: Vincent, pp. 38–9
80. RCHM, *London*, v: *East London*, 1930, p.113
81. *Hearth Tax*, pp.xxx,liii–lvi,xcvi–ci,14–18: TNA, E179/129/746, rot9d
82. WV Mins

DRAFT

83. BL, 'A Collection of Prints chiefly relating to Deptford, Greenwich, and Woolwich, cutting 14, 1833: LT: RB: information supplied by Julian Watson
84. LMA, LCC/CL/GEN/08/C/97/1-18: TNA, WO55/756: GHC, Woolwich Deeds; Nile Cottages, 1933, drawing by Llwyd Roberts: DSR: *WASP*, vol.35, 1976, p.20; vol.36, 1977, p.40: information supplied by Frances Ward
85. DSR: *B*, 8 May 1875, p.425: Elliston-Erwood, 'Barker's Plan', pp.52-4: *PP* 1897 (222) LXVI.1, *Endowed charities (county of London)*, vol.1, p.562
86. *B*, 18 Feb 1860, p.112: *KI*, 20 June 1974
87. POD: DSR: *B*, 17 April 1869, p.314: LMA, MBW2804; E/MW/C/1209/4; LCC/CL/GEN/8/C/97/116-119: *WASP*, vol.35, 1976, pp.18-20: Booth collection, B371, 16 May 1900: Vincent, p.806
88. W. J. Weller, 'The Old Woolwich Meeting-House', *WASP*, vol.19, 1913, pp.58-9: Baker, pp.60,76
89. GHC pamphlet 285, 'The Church by the Riverside', 1957: GHC and LMA photographs: OS: DSR: Booth collection, B289, p.125: *PP* 1899, pp.843,865: Baker, p.61
90. TNA, C54/531: Tithe: GHC, Cutler MSS: Drake, pp.150-1: LMA, E/MW/C/1837,1840
91. TNA, BT356/11240,11535; WO44/295: Museum of London Docklands, Sainsbury Study Centre, City of London River Thames Navigation Committee Minutes, vol.UU, pp.165-7,208-12,225-7,235: DSR: NMR, Estate Sales Particulars 583: Census
92. LMA, LCC/CL/GEN/08/C/97/5,11,18; GLC/AR/BR/19/0783: TNA, BT31/409/1573: DSR: *ILN*, 19 March 1853, p.218: *WJ*, May 1853, p.73: Rochard, pp.38-9: Vincent, p.121: Elliston-Erwood, 'Barker's Plan', p.56
93. William Booth, *In Darkest England and the Way Out*, 1890, p.55
94. Booth collection, B371, 16 May 1900
95. *Ibid*: Census: DSR: LMA photographs
96. J. W. Horsley, 'The Housing of the Poor', *Economic Review*, Jan 1893, as at Booth collection, B288, p.113
97. Grace Hills, 'My memories of shopping in Woolwich', *Shopping*, p.45
98. LMA, LCC/MIN/7326/C19; E/MW/C/1813-4, 1827; photographs: MBW Mins: LCC Mins: WBC Mins: DSR: Goad: OS
99. TNA, BT356/8804,11260; WO44/291: CKS, Q/RUM/156: GL, MS 11936/455/860959: LMA, E/MW/C/1038-9,1740,1837/2; MBW2804: RB: DSR: *WASP*, vol.23, 1925, pp. 45-6
100. LMA, BWEQG/I/1: Doull: BL, Add. MS 31331, f.133: Mary Mills, 'The First Woolwich Gas Works', *Bygone Kent*, vol.20, no.10, Oct 1999, pp.625-9

DRAFT

101. LMA, B/WPCG/I/1; E/MW/C/1027-8,1735,1837,1840: TNA, BT356/11486,11542,11546: DSR: B, 28 April and 4 May 1850, pp.190,214: WASP, vol.25, 1934, pp.26-8: OS
102. Rochard, pp.22-3: DSR: LMA, MBW1865: POD
103. DSR: POD: Goad: MBW Mins: Geoffrey Crossick, *An Artisan Elite in Victorian Society: Kentish London 1840-1880*, 1978, p.54
104. TNA, WORK43/1479-80: Vincent, pp.72,131
105. WLBH Mins: WBC Mins: DSR: LMA, E/MW/C/1883-4,1898; LMA/4278/1/411: TNA, BT31/4803/31814: Goad: Mary Mills, 'Electricity from Household Waste in Edwardian Woolwich', *Bygone Kent*, vol.21, no.9, Sept 2000, pp.539-43
106. DSR: WBC Mins: LMA, LMA/4278/1/408: GHC pamphlet 621.3, G. W. Keats, 'short description', t/s, 21 Oct 1926; Cutler MSS: *The Engineer*, 11 Feb 1927, pp.150-2
107. WBC Mins: DSR: LMA, LCC/PP/FMD/169: GHC, Jack Vaughan Collection, H. W. Tee, 'A Few Notes on Woolwich and some of its Recent Municipal Works', 1933, pp.2-3
108. Central Electricity Generating Board, *Woolwich Power Station*, 1959: DSR: LMA, LMA/4278/1/408: GHC photographs; *Fifty Years History of the Woolwich Labour Party, 1903-1953*, ed. R. B. Stucke, 1953, p.61: NMR, BI file 93583
109. KI, 20 May and 13 June 1976, 26 July and 2 Aug 1979
110. CKS, U214/T418: NMM, ADM/Y/W/13
111. WV Mins
112. *ILN*, 18 March 1843, p.181; 14 Sept 1878: B, 22 Nov 1879, p.1302: DSR: LMA, E/MW/C/1743; MBW2804: POD: Vincent, pp.116,807-8: Robert L. Eastleigh, 'The Other Woolwich Ferry', *Bygone Kent*, vol.9, no.11, Nov 1988, pp.634-9
113. LMA, E/MW/C/1034-7, 1040-3; MBW2804; Ferry Approach photographs, 1965: TNA, BT356/10351: MBW Mins: DSR: GHC photographs: Vincent, pp. 807-8
114. GHC, Cutler MSS: Eastleigh, 'Woolwich Ferry', pp.638-9
115. MBW Mins: WLBH Mins: LMA, MBW682-3,2454,2649: B, 4 April 1885, p.502: Vincent, pp.65,472-4
116. MBW Mins: WLBH Mins: Julian Watson and Wendy Gregory, *Free for All: A celebration of 100 years of the Woolwich Free Ferry*, 1989, p.27
117. LMA, CE/RB/3/33; MBW2662
118. LMA, LCC/PP/BR/29; LCC/PP/IMP/273: WBC Mins: DSR: Bob Rust, 'The Woolwich Free Ferry', *Greater London Industrial Archaeology Society Newsletter*, no.253, April 2011, pp.6-8
119. *County of London Plan*, 1943, pl.45

DRAFT

120. LCC and GLC Mins: WBCDC Mins: LMA, CE/RB/1/30; LCC/CE/CON/4419: *The Engineer*, 30 Sept 1966, pp.471–2: D. J. Wood, 'New Terminals for Woolwich Ferry Improved Approach Roads and New Jetties', *Dock and Harbour Authority*, Nov 1966, as reprinted for the GLC as *Woolwich Free Ferry New Terminals: Description of Work* (GHC pamphlets)
121. GLC Mins
122. LCC and GLC Mins: WBCDC Mins: LMA, GLC/AR/BR/13/182600: SERCO, Woolwich Ferry working drawings held on site
123. <http://www.serco.com/media/transportnews/woolwich.asp>
124. DSR: LCC Mins
125. LCC and GLC Mins: WBCDC Mins: LMA, GLC/AR/BR/13/182600
126. CKS, Q/RUM/102,631: 37 & 38 Vic, c.86: WLBH Mins: *BN*, 16 Jan and 24 April 1874, pp.84,464: *B*, 22 April 1876, p.397, 2 and 16 Sept 1876, pp.868, 911, 16 June 1877, p.617: *Minutes of Proceedings ICE*, vol.123, 1896, p.57
127. LCC Mins: WBC Mins: *KI*, 13 March 1908: 9 Edw VII, c.68
128. LCC ceremonial pamphlet, 'Opening of Woolwich Footway Tunnel', 1912: *The Engineer*, 1 Nov 1912, pp.462–3: LMA, LCC/PP/IMP/237; LCC/CE/CON/2/2999,3633
129. *AJ*, 17 Feb 2010
130. WBCDC Mins: LBG Mins: *South-East London Mercury*, 22 June 1967, 16 Aug 1973: *Eltham and Kentish Times*, 5 Dec 1969: *KI*, 5 and 18 April 1973, 20 June 1974, 15 May 1975
131. Museum of London Docklands, Sainsbury Archive
132. *Leisure Management*, vol.9, no.3, 1989, p.38
133. GBC: GHC folder
134. GLHER, SLO18468, English Partnerships et al, 'Woolwich Arsenal: the bottom line – site review, annex 1', 1994: GP
135. LT: RB: *POD*: DSR
136. Richard Buchanan, 'My memories of Shopping in Woolwich', *Shopping*, p.67: TNA, IR58/33528/3833
137. Information supplied by Carol Kenna: Owen Hatherley, *A Guide to the New Ruins of Great Britain*, 2010, pp.308–14
138. RB: *POD*: Rochard, p.46
139. LT: RB: TNA, C13/2350/13; IR58/33528/3835: *POD*: DSR: Goad
140. LT: RB
141. NMR, BI file 106335: DSR: RB: *POD*
142. RB: *POD*: Census
143. LT: RB
144. Doull: Tithe: DSR

DRAFT

145. LT: RB: TNA, J91/170: DSR
146. LT: RB: DSR: POD
147. TNA, C13/2350/13; J91/170: LT: RB: POD: LMA, photographs: GBC
148. RB: DSR: GBC
149. TNA, C13/2350/13: Gosset
150. WLBH Mins: W. J. Gordon, *The Horse World of London*, 1893, pp.74–81
151. WLBH Mins: DSR: TNA, MH12/5412
152. WLBH Mins: DSR
153. WBC Mins: DSR
154. *Property Week*, 28 Jan 2008: Allford Hall Monaghan Morris, Callis Yard: Design and Access Statement, Aug 2008: GP
155. John Kimbell, *An Account of the Legacies, etc, of the Parish of St Alphege, Greenwich*, 1816, pp.197,199: LT: RB: TNA, C12/176/33; C13/2350/13: DSR: POD
156. LT: RB: TNA, C13/2350/13: Census
157. DSR
158. POD
159. DSR: TNA, MEPO 2/5088: GBC: POD: KI, 19 Aug 1976
160. GBC: *Service Station Manual*, c.1964 edn, photograph facing p.121
161. DSR: LMA, GLC/AR/BR/15/2195: TNA, MEPO2/5088: ABN, 30 April 1937, pp.135–7: EHLO, file GRE66: Allen Eyles, *The Granada Theatres*, 1998, pp.79–85: GHC, Granada Cinema drawings, Cecil Masey, 1936
162. that
163. Lillian King, 'Remembering Shopping in Woolwich', *Shopping*, p.28
164. John Earl, private correspondence, 7 April 2008
165. WBCDC Mins: LMA, GLC/AR/BR/7/2195: KI, 7 June 1963: GP
166. LMA, GLC/AR/BR/11/CRO/730: DSR: Michael Stratton, *The Terracotta Revival*, 1993, p.141: Allen Eyles, *Odeon Cinemas, 1: Oscar Deutsch Entertains Our Nation*, 2002, pp.139–42,247
167. Information supplied by Pastor Muwiyi Obasa
168. POD: LMA, GLC/AR/BR/7/1992: DSR: GBC
169. DSR: POD
170. DSR: Census: POD: TNA, IR58/33533/4225-31
171. TNA, C13/2350/13: BL, Add. MS 31331, f.132: LMA, LCC/AR/SCH/64: Vincent, pp.180–1
172. SBL Mins: B, 30 Nov 1872, p.954: LMA, LCC/AR/SCH/64: TNA, ED21/410; ED32/635: *The Times*, 13 Nov 1903. p.4: DSR: LCC Mins: WBC Mins, 30 July 1930, p.604: KI, 3 May 1957: WBCDC Mins

DRAFT

173. Allan Brodie et al, 'The Law Court 1800–2000: developments in form and function', EH report, 2000, pp.179–182: NMR, photographs 99/00098: GHC correspondence
174. DSR: TNA, MEPO2/76: GHC, drawing by Llwyd Roberts, 1933: NMR, Watney albums, vol.4, 172
175. Baker, pp.73,79: LMA photographs
176. Baker, pp.61–2: GHC, Vincent Cuttings, vol.5, p.63: *B*, 22 May 1880, p.652: *The Times*, 30 June 1900, p.19: LMA, GLC/AR/BR/07/3502: Vincent, pp.186–7
177. LPL, ECE7/1/16278/1: CKS, Q/RUM/102; Q/RUM/158: RB: GHC, George Smith deeds box; WTC Mins: DSR
178. LMA, MBW2640,2642
179. LPL, ECE7/1/16278/1: GHC, deed of settlement, 1833: BL, 578.m.15: Drake, p.161: Vincent, pp.171–2: Baker, pp.64,70: Allen Grove, 'A short history of Holy Trinity Church, Woolwich', *WASP*, vol.36, 1977, pp.1–10: NMR, MD96/3804–6 and reference collection photographs
180. Booth collection, B288, p.99
181. DSR: churchplansonline: LPL, ICBS8924: ECE7/1/16278/1: TNA, CRES2/402: LMA, P97/MRY/214/17: GHC prints: *B*, 22 Dec 1883, p.845: *BN*, 12 Dec 1890 and 17 Nov 1893, p. 647
182. BL, 578.m.15: CKS, Q/RUM/158: DSR: LMA, GLC/AR/BR/7/357: information supplied by John Earl: EHLO photographs: Vincent, p.76
183. Booth collection, B371, 27 May 1900
184. *Daily Mail*, 31 March 1958: *KI*, 11 March 1960: GHC, 'S.E.18: impressions of a London suburb', 1964, film written, produced and directed by Alan G. Bell
185. GHC, John Churchill, autobiographical manuscript, 1983
186. BL, 578.m.15: DSR: POD: WBCDC Mins
187. GHC, photographs: DSR
188. *B*, 29 Dec 1883: DSR
189. Booth collection, B289, p.35
190. Baker, p.62: DSR: GHC, Vincent cuttings, vol.3, p.142: WBCDC Mins: LMA, GLC/AR/BR/7/810: Booth collection, B289, p.37: *KI*, 6 March 1969
191. SBL Mins, 23 March 1882, p.595
192. TNA, C13/2350/13: LMA, MBW2485/3: DSR: Booth collection, B371, 16 May 1900
193. DSR: SBL Mins: TNA, ED21/12297: GHC, uncatalogued drawings
194. TNA, ED 21/35501
195. LCC Mins: TNA, ED21/57463: LMA, LCC/EO/HFE/5/289
196. DSR: LMA, GLC/AR/BR/7/1381: [www.jewishgen.org./JCR-UK/London/woolwich_fed/Index.htm](http://www.jewishgen.org/JCR-UK/London/woolwich_fed/Index.htm): Hogg, p.986

DRAFT

197. *KI*, 2 Feb 1962
198. WBCDC Mins: LMA, GLC/AR/BR/26/WO/H/39/BA: *The Times*, 13 July 1960, p.17; 1 Nov 1961, p.17; 1 Feb 1962, p.6
199. *KI*, 20 Nov 1964, 19 Feb 1965: GBC
200. *KI*, 19 Feb 1965
201. WBCDC Mins
202. WBCDC Mins: LMA, GLC/AR/BR/7/357: *KI*, 14 Aug 1959: *The Scotsman*, 13 May 1961: *The Motor*, 17 May 1961
203. *The Motor*, 22 Feb 1961
204. WBCDC Mins: *Kentish Times*, 12 May 1961: *KI*, 12 May 1961, 9 Feb, 6 April, 11 May and 22 June 1962; 2 and 30 Aug and 6 Sept 1963; 1 May 1964; 19 March, 26 May 1965; 7 Jan 1966
205. WBCDC Mins: LBG Mins: *Kentish Times*, 13 Nov 1964, 16 Dec 1966: *KI*, 7 April 1967, 28 Jan 1971: *The Times*, 13 Jan 1971: *AJ*, 31 March 1971, pp.700–1
206. GBC
207. Information from Bradley Martin of Knight Frank: DSR
208. GBC
209. *Property Week*, 4 April 2008: Commission on Architecture and the Built Environment, *Design Review*, 7 Aug 2008
210. *Sleeper Magazine.com*, 26 May 2009: *B*, 2 Sept 2011

CHAPTER II

Woolwich Dockyard Area

1. TNA, SC11/371; E305/9/E34: GHC, Cutler MSS
2. M. Oppenheim, 'The Royal Dockyards', in VCH, *Kent*, vol.2, 1926, pp.336–40: Vincent, pp.222–3,810: T. W. Courtney, 'Excavations at the Royal Dockyard, Woolwich 1972–1973. Part One', *Post-Medieval Archaeology*, vol.8, 1974, pp.4,6: D. T. Jones, 'The excavation of a domestic site at Woolwich Dockyard', *WASP*, vol.35, 1976, p.9: Philip MacDougall, 'The Royal Dockyards of Woolwich and Deptford', in *Dockland: An illustrated historical survey of life and work in east London*, ed. R. J. M. Carr, 1986, pp.111–26: GLHER, SLO85097, Christopher Phillpotts, 'Church Street, Woolwich, Archaeological Assessment', 1996, pp.14–15
3. GLHER, SLO85097, pp.15–16: Drake, p.154: Oppenheim, 'Dockyards', pp.340–3: Vincent, pp.224,226
4. *The Autobiography of Phineas Pett*, ed. W. G. Perrin, 1918, p.34: *ODNB*

DRAFT

5. SPO 18/9, f.194
6. SPO 16/42, f.77: *Pett*, pp.34–7,143–4: GHC, Cutler MSS, including notes from BL, Add. MS 9294, f.317 and Treasury Solicitor's RO, 2455/52: BL, King's MS 43, ff.47–58: Oppenheim, 'Dockyards', pp.343–8: Courtney, 'Excavations', pp.8–11: GLHER, SLO85097, pp.18–19
7. *The Diary of Samuel Pepys*, 14 Jan 1661, www.pepysdiary.com/archive/1661/01/14
8. SPO 18/57, f.1; 18/58, f.1: BL, King's MS 43, ff.47–58: Oppenheim, 'Dockyards', pp.349–51,356–60: Vincent, pp.255–9,267: Courtney, 'Excavations', pp.6,13–15: Jones, 'excavation', pp.1–2: GLHER, SLO85097, p.19
9. BL, King's MS 43, ff.47–58: Celina Fox, *The Arts of Industry in the Age of Enlightenment*, 2009, pp.60–1: Celina Fox, 'The Ingenious Mr Dummer: Rationalizing the Royal Navy in Late Seventeenth-Century England', *Electronic British Library Journal*, 2007, article 10: GLHER, SLO85097, p.20: Oppenheim, 'Dockyards', pp.360–6
10. GHC, Cutler MSS, notes of archive formerly Treasury Solicitor's RO, 2456/52: Oppenheim, 'Dockyards', pp.366–70: Philip MacDougall, *Royal Dockyards*, 1989, pp.87,90: GLHER, SLO85097, pp.21–2
11. NMM, ADM/Y/W/8,32–6,47: *The Times*, 23 July 1845, p.8: Courtney, 'Excavations', pp.7,16–22
12. NMM, ADM/Y/W/11: TNA, ADM106/491/46; ADM106/1038/44 and 195: Oppenheim, 'Dockyards', p.369: 17 Geo II, c.20
13. BL, King George III's Topographical Collection 17, items 23 and 25a: Jonathan G. Coad, *The Royal Dockyards 1690–1850: Architecture and Engineering Works of the Sailing Navy*, 1989, pp.127–9
14. NMM, ADM/Y/W/9,45–6,51,54; TNA, ADM106/1137/92,96: GLHER, SLO77803, Pre-Construct Archaeology, 'Assessment of an Archaeological Monitoring Exercise at Mast Quay, Former Woolwich Dockyard, Church Road, Woolwich', 2005
15. TNA, ADM106/948/20 and 142: NMM, ADM/Y/W/8,15–16,19,31,37–44,48,49: GLHER, SLO85097, pp.21–2: Coad, *Dockyards*, pp.24,157–8,161–3: Colvin, p.1147
16. NMM, ADM/Y/W/20–28: TNA, ADM106/1053/140; ADM106/1079/212; ADM106/1107/98 and 117; ADM354/147/190
17. CKS, U1350, 093/40–1: Oppenheim, 'Dockyards', pp.368–80: Roger Knight, 'From Impressment to Task Work: Strikes and Disruption in the Royal Dockyards, 1688–1788', and Roger Morriss, 'Government and Community: The Changing Context of Labour Relations, 1770–1830', in *History of Work and Labour Relations in the Royal Dockyards*, eds Kenneth Lunn and Ann Day, 1999, pp.1–40: James M. Haas, 'The Royal Dockyards: The Earliest Visitations and Reform 1749–1778', *The Historical Journal*, vol.13, no.2, 1970, pp.191–215: R. A. Morriss, 'Samuel Bentham

DRAFT

- and the Management of the Royal Dockyards, 1796–1807’, *Bulletin of the Institute of Historical Research*, vol.54, no.130, Nov 1981, pp.226–40: William J. Ashworth, ‘System of terror’: Samuel Bentham, accountability and dockyard reform during the Napoleonic Wars’, *Social History*, vol.23, no.1, Jan 1998, pp.63–79: ODNB
18. GHC, U962/L1; U1160/L1: GL, MS 31302/406: TNA, ADM106/1079/165; ADM106/1194/243; ADM106/2599,2600; ADM140/1134–6,1142: BL, King’s MS 44: *Gentleman’s Magazine*, Sept 1771, p.424: *Daily Advertiser*, 5 May 1778: 21 Geo III c.46: Oppenheim, ‘Dockyards’, p.379: Vincent, pp.60–1,277–8
19. LMA, COL/CCS/PL/2/39: Drake, p.153: Vincent, pp.359–64: Hogg, pp.451–7: Reg Rigden, ‘The Floating Prisons of Woolwich and Deptford’, *WASP*, vol.34, 1973, pp.17–31: Allan Brodie et al, *English Prisons: An Architectural History*, 2002, pp.19–20
20. TNA, ADM140/1136–7: Description on Robert Dodd’s engraving, ‘The Royal Dockyard at Woolwich’, 1789: Oppenheim, ‘Dockyards’, p.381
21. TNA, ADM6/22/559; ADM6/23/309; ADM42/1931; ADM95/95; T38/651: Coad, *Dockyards*, pp.44–8,106: Andrew Lambert, *The Last Sailing Battlefleet: Maintaining Naval Mastery, 1815–1850*, 1991, p.65
22. LMA, GLC/AR/HB/2/LRS/4155/0: EHLO, file GRE22: GBC
23. TNA, ADM140/1136–9: WV Mins: *ILN*, 2 Oct 1869, p.328
24. NMM, ADM/Y/W/17–18: TNA, ADM106/1137/38 and 264: *Survey of London*, vol.16, 1935, pp.35–9 and plates 46–7
25. *South-East London Mercury*, 18 April 1973: LMA, GLC/AR/HB/2/LRS/4155/0: GP: GBC
26. *Encyclopaedia Britannica*, 1824, p.595: MacDougall, 1986, p.118: MacDougall, 1989, p.137: Helen Doe, ‘The Thames Merchant Yards in the Napoleonic Wars’, in *Shipbuilding and Ships on the Thames: Proceedings of a Third Symposium*, ed. Roger Owen, 2006, pp.10–11
27. Oppenheim, ‘Dockyards’, pp.381,385: Philip MacDougall, ‘Harbour Navigation and Moorings of Naval Dockyards in the Atlantic Region’, *Transactions of the Naval Dockyard Society*, vol.4, Oct 2008, p.79: Roger Morriss, *The Royal Dockyards in the Revolutionary and Napoleonic Wars*, 1983, p.55
28. TNA, ADM140/1139; C110/126, f.7; WO32/20933: BL, Add. MS 36489A, item 34: Vincent, pp.59–60: Morriss, *Dockyards*, pp.55,91
29. Science Museum Library, Goodrich papers 50/51: *Fourth Report of the Commissioners for Revising and Digesting the Civil Affairs of His Majesty’s Navy*, 1806, pp.189–94: Northumberland Archives Service, 3410/Bud/23/112,117: Coad, *Dockyards*, p.236: Information supplied by Jonathan Coad
30. *Quarterly Review*, July 1819, p.40: *The ambulatory: or, The stranger’s companion in a tour round London, etc*, 1820, p.58: F. P. C. Dupin, *Voyages dans la Grande-*

DRAFT

- Bretagne, II, Force Navale, c.1821–4*, pp.211–12: Jennifer Tann, *The Development of the Factory*, 1970, pp.84,97: Malcolm T. Tucker, private records, notes and typescripts: Coad, *Dockyards*, pp. 33–5: David T. Yeomans, *The Trussed Roof: its history and development*, 1992, pp.182–3: David Evans, *Building the Steam Navy*, 2004, p.16: NMM, photograph A80711
31. *Structural Engineer*, vol.52, no.8, Aug 1974, p.294: S. B. Smith, 'The Construction of the Blists Hill Ironworks', *Industrial Archaeology Review*, vol.3, 1978–9, pp.170–8: Information supplied by Paul Belford
32. *Repertory of Arts, Manufactures and Agriculture*, 2nd series, vol.28, 1816, pp.37–40: *Transactions of the Society, etc, of Arts, Manufactures, and Commerce*, vol.32, 1814, pp.91–7: *Quarterly Review*, July 1819, pp.39–40
33. Dupin, *Voyages*, p.213: *Edinburgh Annual Register*, 1813, p.viii
34. ICE, REN/RB/9/46; REN/RB/10/102: TNA, ADM140/1140–1; ADM359/37B/55–65
35. TNA, ADM140/1143–7: *The Times*, 13 Feb 1827, p.1: *PP 1830–1* (149) VI.239, *Navy estimates for the year 1831*, p.254: *Penny Cyclopaedia*, vol.5, no.27. 1833, p.558: Philip MacDougall, 'The Woolwich Steamyard', *Mariner's Mirror*, vol.85, no.2, 1999, p.174: Evans, *Steam*, p.18: Philip Banbury, *Shipbuilders of the Thames and Medway*, 1971, p.81
36. TNA, ADM140/1144: *PP 1831–2* (115) XXVII.457, *Navy estimates: no. 1. From 1st January to 31st March 1832*, pp.514,583
37. TNA, TS18/464–89: *BDCE*, vol.2, pp.117–19: Evans, *Steam*, p.34: *ODNB*
38. TNA, ADM140/1145–7,1149,1151; WORK38/194: *Encyclopaedia Britannica*, 1824, p.595: *PP 1837* (25) XL.155, *Navy estimates, for the year 1837–38*, p.192
39. TNA, ADM140/1146: *Architectural Magazine*, vol.1, 1834, pp.47,391–2: BL, 578.m.15, 'Plan No. 1: Part of Woolwich Dockyard', n.d.: Capt. W. T. Denison, 'Description of a Dock lately constructed in Woolwich Yard', *Professional Papers of the Royal Engineers*, vol.QV, 1843, pp.224–6: George Ledwell Taylor, *The Autobiography of an Octogenarian Architect, etc*, vol.1, 1870, pp.179–80: John Michael Weiler, 'Army Architects: The Royal Engineers and the Development of Building Technology in the Nineteenth Century', PhD thesis, University of York, 1987, pp.61–4,172: MacDougall, 1999, p.174: GLHER, SLO85097, pp.22–3: *BDCE*, vol.1, p.543: NMR, photographs CC018996,019015
40. Taylor, *Autobiography*, p.171
41. Evans, *Steam*, p.35; *Historic Concrete: background to appraisal*, eds James Sutherland, Dawn Humm and Mike Chrimes, 2001, p.345
42. TNA, ADM140/1147: Denison, 'Description', pp.226–32: *PP 1862* (41) XXXIV.1, *Navy estimates for the year 1862–63*, p.506

DRAFT

43. *B*, 22 July 1843, p.290, 17 and 24 Dec 1870, pp.1010,1031: *M'Culloch's Universal Gazetteer*, vol.22, 1844, p.1086: *PP* 1862, p.506: MacDougall, 1999, p.179
44. *B*, 24 Feb & 19 Oct 1844, pp.92,535; TNA, RAIL1057/3517: *PP* 1847–8 (555-II) XXI Pt.II.1, *Index to report on the navy estimates, from the Select Committee on Navy, Army and Ordnance Estimates*, p.917: *PP* 1862, p.506: *ODNB*
45. TNA, ADM140/1147,1150; WO44/295: Doull: *WJ*, 1 May 1856, p.73: NMR, BI file 1095167
46. Weiler, 'Royal Engineers', pp.145–59: R. J. M. Sutherland, 'Shipbuilding and the Long Span Roof', *Transactions of the Newcomen Society*, vol.60, 1991, pp.107–26: *BDCE*, vol.1, pp.600–01: NMM, PW8091: BMPD, 1862,0614.219: *PP* 1847–8, p.918
47. *B*, 24 Feb 1844, p.92: *The Times*, 23 July 1845, p.8; 30 July 1846, p.2: ICE, Panel for Historic Engineering Works, HEW1609/3: Sutherland, 'Shipbuilding', pp.115–26
48. R. J. M. Sutherland, 'Interim Statement for the Victorian Society on the Iron-Framed Buildings in Chatham Dockyard outside the Historic Area', t/s, 1983, p.3: Sutherland, 'Shipbuilding', pp.120–1: *PP* 1847–8, p.918: Courtney, 'Excavations', pp.22,28: ICE, Panel for Historic Engineering Works, HEW1609/2: GHC, Vincent Cuttings, vol.7, p.109
49. *WJ*, 1 May 1856, p.73: *Morning Chronicle*, 2 Sept 1857: Sutherland, 'Shipbuilding', pp.112,117,121–2
50. TNA, ADM140/1147,1153: Evans, *Steam*, pp.32–3: *BDCE*, vol.2, p.83
51. TNA, CRES2/402: *B*, 12 Aug and 12 Nov 1843, pp.332,481: *Professional Papers of the Royal Engineers*, vol.9, 1847, pp.70–8: *Eltham Times*, 11 July 1974: Malcolm T. Tucker, private notes, drawings and photographs, 1973, and correspondence, 2010
52. *B*, 24 Feb and 15 June 1844, pp.92,306: LMA, MBO/PLANS/255 and 257: TNA, WO44/295–6: Census 1851
53. *Blackwood's Edinburgh Magazine*, July 1864, p.29: *Engineering*, 28 Jan 1944, p.64: Banbury, *Shipbuilders*, p.84
54. NMM, ADM/Y/W/44: *The Times*, 27 Feb 1847, p.2: *WJ*, Feb 1848, p.25: *Daily News*, 2 March 1852, p.3: *Dock-Yards and Iron Works of Great Britain and France*, House of Representatives, 38th Congress, 2nd Session, United States Congressional Serial Set, 1865, p.23: *PP* 1867 (57) XLIV.1, *Navy estimates, for the year 1867–68*, p.7: *Birmingham Daily Post*, 20 June 1870: *BDCE*, vol.2, pp.70–1: Evans, *Steam*, p.119: *Minutes of Proceedings ICE*, vol.91, 1888, p.408
55. Andrew Lambert, 'Woolwich Dockyard and the early Steam Navy', unpublished paper presented at the Fourth Symposium on Shipbuilding and Ships on the Thames, Museum of London Docklands, 28 Feb 2009

DRAFT

56. *The Times*, 5 Nov 1847, p.6; 6 Jan 1848, p.3: *WJ*, Feb 1848, p.25: *ILN*, 17 Dec 1859, p.588: GHC, public-housing box: NMR, Plans Room 17/8/1; PSA Collection G10795/1: EHLO file GRE22
57. *The Times*, 11 Feb 1850, p.8: Evans, *Steam*, passim: Andrew Lambert, 'Woolwich Dockyard'
58. *B*, 15 Dec 1849, p.595: *The Times*, 6 March 1851, p.4: Gosset: TNA, ADM140/1150: *WJ*, 1 May 1856, p.73: Malcolm T. Tucker, private notes and photographs, 1973 and 1979: Evans, *Steam*, p.165: EHLO, file GRE22: *BDCE*, vol.2, p.83
59. Baker, p.65: *WJ*, 1 May 1856, p.3: 1 Sept 1856: *Illustrated News of the World*, 11 Dec 1858: *B*, 2 April 1859, p.229: *BN*, 1 July 1859, pp.600,605: *The Ecclesiologist*, Aug 1859, p.326: GHC, Woolwich Dockyard prints for *Clerical Journal*, 1867
60. TNA, WO78/3008: Hogg, pp.1326–7: David Cole, *The Work of Sir Gilbert Scott*, 1980, pp.83,195: information supplied by the Rev. Steve Cook
61. *ILN*, 2 Oct 1869, p.328: A. J. Arnold, 'Charles Mare, London Ironmaster and Shipbuilder', *London Journal*, vol.36, no.1, March 2011, p.32
62. *Reynolds's Newspaper*, 7 Feb 1869, p.4: Peter Baigent and Robert Ruegg, 'Pauperism or Emigration? Case studies of publicly-backed emigration schemes in Woolwich, Kent, 1857 and 1869–70', *Family & Community History*, vol.10, no.1, May 2007, pp.19–33
63. *The Engineer*, 3 Dec 1869, p.361: *Daily News*, 10 Jan 1871: *Manchester Times*, 25 Feb 1871: *Daily News*, 21 Sept 1871: *B*, 20 Jan 1872, p.54
64. Hogg, pp.1120–1,1427–31
65. *Daily News*, 28 July 1871: *The Architect*, 12 April 1873, p.200: Hogg, p.816
66. *Daily News*, 12 Nov 1874, 11 Jan 1875, 20 Oct 1876
67. TNA, T1/13414: *BN*, 15 March 1878, p.282: *B*, 16 and 23 March 1878, pp.281,301: *The Architect*, 16 March 1878, p.165: *Daily News*, 14 March 1878, p.6: *Liverpool Mercury*, 12 July 1882: *The Times*, 25 July 1884, p.2: *Belfast News-Letter*, 2 Sept 1899, p.5
68. *The Graphic*, 28 Oct 1899, p.596
69. TNA, WORK43/517: LMA, GLC/AR/BR/26/WO/142/A–C/BA: Malcolm T. Tucker, private notes and photographs, 1979: EHLO, photographs
70. TNA, WORK43/517: Mouchel-Hennebique, *List of Works Executed in the UK, 1897–1919*, n.d., p.18; *The Times*, 7 Oct 1908, p.6: Hogg, p.1107
71. TNA, TS32/403; WO32/20933; WORK43/517: *The Times*, 24 Dec 1924, p.7; 25 June 1926, p.15; 26 June 1926, p.11; 19 Aug 1926, p.17: Hogg, pp.961–3
72. *Comradeship and the Wheatsheaf*, May 1927, pp.iii,xiii
73. *The Times*, 23 Nov 1926, p.11; 22 Aug 1927, p.7: DSR

DRAFT

74. LMA, GLC/AR/BR/26/WO/142/B/BA: DSR: *Comradeship and the Wheatsheaf*, April 1937, p.iii: Mary Mills, *Greenwich & Woolwich At Work*, 2002, pp.60–5: Steve Barr and Kathleen Barr, 'The RACS/CWS Abattoir 1937–1994', *Greenwich Industrial History*, vol.6, no.4, July 2003: GP
75. DSR: *The Times*, 25 Sept 1962, p.19; 26 Aug 1965, p.15: NMR, aerial photographs: EHLO, photographs: POD
76. TNA, HO192/747; WO32/20933; WORK13/1061; WORK38/178–92: B, 14 Feb 1891, p.138: E. T. Crutchley, *GPO*, 1938, p.179: NMR, aerial photographs: POD
77. LMA, MBW 2801,2805: B, 20 Jan 1872, p.54; 7 May 1887, p.670: MBW Mins: DSR: Goad, 1907: Herbert Jeans, *Modern Construction: being some notes on the work of Thomas & Edge, Woolwich*, 1938, pp.5–6: POD
78. TNA, ADM116/1279; ADM140/1153: *Daily News*, 10 Jan 1871: *Derby Mercury*, 16 Aug 1871: *Pall Mall Gazette*, 11 Jan 1872
79. DSR: MBW Mins: WLBH Mins: NMR, CC013981–9,15301–4: LMA, MBW 2801,2805: Goad, 1907: *Surveyor and Municipal and County Engineer*, 2 June 1911, p.803: POD: *Eltham and Kentish Times*, 25 Oct 1968: *KI*, 25 March 1971: *Dockland*, p.261: Sue Copeman, 'Thames-Built by Cubow', *Port of London*, 1981, pp.81–3
80. *KI*, 2 Oct 1964
81. TNA, WO32/20339: *KI*, 3 June 1966: LBG Mins
82. NMR, MD96/1597: GBC: *Eltham and Kentish Times*, 25 Oct 1968, 22 Jan, 12 Feb and 7 May 1971: *South-East London Mercury*, 4 June 1970, 18 Nov and 23 Dec 1971: *KI*, 23 Dec 1970
83. *Eltham Times*, 14 Sept 1972: *South-East London Mercury*, 14 Sept 1972: *KI*, 14 Sept 1972
84. GHC, public-housing box and misc. rolled plans: GBC: *Eltham Times*, 30 June 1972: *KI*, 11 Jan and 20 Sept 1973, 18 Nov 1976: *Kentish Times*, 9 Aug 1979: Courtney, 'Excavations'
85. Information supplied by Carol Kenna: *AJ*, 27 April 2000
86. GBC: GLHER, SLO85097, p.28: LBG Mins: GP
87. GBC: LBG Mins: GP: NMR, aerial photographs
88. GLHER, SLO85097, p.29: *Skyscraper News*, 27 April 2010: GP
89. TNA, C110/126: CKS, U36/T1025: GHC, Cutler MSS
90. CKS, Q/RH/2/98; U36/T105
91. 51 Geo III, c.199: F. C. Elliston-Erwood, 'The Affairs of the Corporation of the Woolwich Ferry Company, 1811–1844', *WASP*, vol.32, 1963, pp.10–39
92. TNA, ADM106/180; ADM140/1143,1151,1155; BT356/873; J91/170: LMA, MBW2801: DSR: Goad, 1908: *The Times*, 2 Nov 1821, p.1: Gosset: B, 25 May 1861, p.364: W. T. Vincent, *Woolwich. Guide to the Royal Arsenal, etc*, c.1884, pp.72,152
93. LMA, MBW2801; E/MW/C/1881: DSR: Goad, 1908: POD

DRAFT

94. NMM, PAE3191: LMA, MBW2801; E/MW/C/1881: DSR: GHC, Castle folder: Goad, 1908: Mouchel-Hennebique, *List of Works Executed in the UK, 1897–1919*, n.d., p.40: *Morning Leader*, 10 Oct 1907: Philip Banbury, 'Shipbreaking at Woolwich', *Bygone Kent*, vol.5, no.9, Sept 1984, pp.547–50: www.castlessshipbreaking.co.uk: Robert and Linda Tait, 'Castles – Shipbuilders & Shipbreakers on the Thames (1610–1941),' in *Shipbuilding on the Thames and Thames-Built Ships*, ed. Stuart Rankin, symposium proceedings, 2000, pp.29–35
95. TNA, J91/170: DSR: LMA, MBW2801: Goad, 1908
96. POD: *Civil Engineering and Public Works Review*, vol.67, 1972, p.422
97. J. D. Scott, *Siemens Brothers 1858–1958: An Essay in the History of Industry*, 1958: Geoffrey Jones, 'Foreign multinationals and British industry before 1945', *Economic History Review*, 2nd series, vol.41, no.3, 1988, p.431: ODNB
98. DSR: MBW Mins: *The Engineer*, 19 May 1871, p.342; 8 May 1874, p.305: *Manufacturers' Engineering and Export Journal*, April 1892, pp.89–138: Scott, *Siemens*, pp.193,226
99. *The Engineer*, 8 May 1874, p.305
100. Scott, *Siemens*, pp.39,193: ODNB: *Dictionary of Business Biography*, vol.5, 1986, p.159
101. *Manufacturers' Engineering and Export Journal*, April 1892, pp.89–138: *Commerce*, 26 Dec 1894, as quoted in Scott, *Siemens*, p.192: TNA, J91/170: DSR: Siemens Brothers, *Description of the Woolwich Works*, 1906: Goad, 1908: *Iron and Coal Trades Review*, 1 Oct 1909, p.529: *The Electrician*, 11 Nov 1921, p.610: *Dictionary of Business Biography*, p.159: Mills, *Work*, p.73
102. Scott, *Siemens*, p.199: TNA, J91/170: DSR: *KI*, 23 Feb 1901
103. DSR: *Electrical Magazine and Engineering Monthly*, vol.5, no.2, 1904, p.150: *Iron and Coal Trades Review*, 1 Oct 1909, p.527
104. DSR: RIBA, *Second report of the Joint Committee on Reinforced Concrete*, 1911: *The Times*, 6 Dec 1911, p.25: *The Engineer*, 27 Sept 1912, pp.328–9: *Architects' & Builders' Journal*, 4 Dec 1912, pp.612–13
105. DSR: *The Engineer*, 29 Aug 1913, p.219: Scott, *Siemens*, pp.169–171
106. DSR: Philip Banbury, 'Cable Manufacturing in Kent, Part 2', *Bygone Kent*, vol.7, no.9, 1986, pp.507–11: Scott, *Siemens*, pp.82–3,214,225,229–230
107. *British Builder*, Jan 1925, pp.228–32: DSR: 'The Manufacture of the Neophone', *Engineering Supplement to the Siemens Magazine*, vol.77, Oct 1931: Banbury, 'Cable', p.507: Scott, *Siemens*, p.214: Mills, *Work*, pp.74–6
108. DSR: Scott, *Siemens*, pp.138,231: *Woolwich Chamber of Commerce Diamond Jubilee Review*, 1949, p.56

DRAFT

109. GHC, Siemens Brothers & Co. Ltd, 'Official Record of Damage by Enemy Action to Woolwich Works 1939–1945', t/s, Oct 1945: TNA, HO/192/466,1516: Scott, *Siemens*, pp.232–9: Banbury, 'Cable', p.509
110. *Engineering*, 31 May 1946, p.514: GHC, photographs: Scott, *Siemens*, p.214: *Woolwich Chamber of Commerce Diamond Jubilee Review*, 1949, pp.55–60
111. *South-East London Mercury*, 8 and 22 Feb and 25 April 1968: *KI*, 23 Feb 1968
112. *Eltham and Kentish Times*, 23 Aug 1968 and 8 March 1973: *The Times*, 30 Jan 1969, p.23: *KI*, 3 Sept 1970 and 21 March 1974: Urban and Economic Development Ltd, *Recycling Industrial Buildings*, 1981, p.18: GBC
113. *KI*, 11 Sept 1969 and 23 Nov 1972
114. CKS, U36/T1025: TNA, C110/111, f.18: GHC, Bowater papers: SBL Mins, 10 May 1894: POD
115. Gosset: DSR: TNA, J91/170: POD
116. Gosset: DSR: TNA, J91/170: POD: LMA, GLC/AR/BR/16/WO/M/I/A/TP; GLC/AR/BR/22/014029
117. DSR: TNA, J91/170: Census
118. DSR: TNA, J91/170: POD
119. DSR: SBL Mins: TNA, ED21/12270: GHC, uncatalogued drawings: LMA, LCC/PP/IMP/224

CHAPTER III

The Royal Arsenal

1. TNA, C54/417/23; MP1/236; MP1/296; WO49/182, f.24: LMA, E/MW/C/189–90: *Kent Hearth Tax Assessment Lady Day 1664*, ed. Duncan Harrington, 2000, pp.14–18: Hogg, pp.138,179–84,190–3: *ODNB*: Winifred Cutler, 'Tower Place', in Burford and Watson, pp.18–32: GLHER, SLO67168, 'The Royal Arsenal Woolwich: an archaeological study', report by the Mills Whipp Partnership (sections by Christopher Phillpotts), 1995, pp.19–21; SLO75898, 'Royal Military Academy Building', report for Julian Harrap Architects (sections by Christopher Phillpotts), 2000, pp.5–6
2. SPO CII, ccv, 20a, p.179: SPO 29/206, f.114; 29/215, f.47; 29/219, f.65; 29/251 f.168: TNA, MP1/296: BL, Add. MS 44839: LMA, E/MW/C/188: GHC, Cutler MSS: Hogg, pp.133–6,177: Colvin, p.1028: Vincent, pp.297–8: *ODNB*: GLHER, SLO67168, p.28
3. TNA, PC2/62, p.120: LMA, E/MW/C/189–192,198

DRAFT

4. TNA, CRES6/10, p.5; TS21/26, pp.2–6; WO51/11, f.24v: LMA, E/MW/C/200 and 229: Cutler, 'Tower Place', pp.25–6; Hogg, pp.159,183–90: *ODNB*
5. TNA, WO49/182; WO51/14, f.123r; MP1/236; MP1/296: Hogg, pp.194–234,268: H. C. Tomlinson, *Guns and Government: The Ordnance Office under the later Stuarts*, 1979, pp.118–129; Nigel Barker, 'The Architecture of the English Board of Ordnance 1660–1750', University of Reading, PhD thesis, 1985, pp.639–48
6. TNA, WO51/52,53,60: Hogg, pp.105–11,222– 5: *BDCE*, vol.1, pp.48–9: Barker, 'Architecture', pp.645–7: Nigel Barker, 'The Building Practice of the English Board of Ordnance, 1680–1720', in *English Architecture: Public and Private*, eds John Bold and Edward Chaney, 1993, pp.199–214
7. TNA, MP1/196; MPHH1/66/1; WO47/28, p.129: NMM, PAF5733, PAG9664, PAH4072, PAI0744–6,7701–3: *WASP*, vol.20, 1914–15, pp.38–43: NMR, Plans Room 17/10: Celina Fox, *The Arts of Industry in the Age of Enlightenment*, 2009, pp.364–7: Barbara Ludlow, "She Can Sew a Flannel Cartridge", in Burford and Watson, p.47
8. TNA, WO33/4A, John Anderson, 'General Statement of the Past and Present Condition of the Several Manufacturing Branches of the War Department', 1857 (hereafter 'Manufacturing'); WO44/644; WORK43/1302,1306: NMR, Plans Room 17/8/2 and 18/4: Wesley Harry, *The Royal Arsenal Woolwich*, 1987, p.12
9. Hogg, p.1028: NMR and GHC aerial photographs: GP
10. TNA, WO47/29, p.139: Barker, 'Architecture', pp.47–52: Geoffrey Parnell, 'The Ordnance Drawing Room at the Tower of London', *English Heritage Historical Review*, vol.6, 2011: *ODNB*
11. TNA, WO48/54–56: Hogg, pp.245–50,304–5,1078–9,1110–11: M. E. S. Laws, *Battery Records of the Royal Artillery 1716–1859*, 1952, p.xiii: *ODNB*: Andrew Saunders, *Fortress Britain: Artillery Fortification in the British Isles and Ireland*, 1989, pp.116–17: Information supplied by Richard Hewlings, Paul Pattison and Robert Ward
12. Laurence Whistler, 'Ordnance Vanbrugh' and 'Hawksmoor and the Ordnance', *Architectural Review*, vol.112, 1952, pp.377–83; vol.118, 1955, pp.237–9: Barker, 'Architecture' and 'Building', passim: Richard Hewlings, 'Hawksmoor's "Brave Designs for the Police"', in *English Architecture: Public and Private*, eds John Bold and Edward Chaney, 1993, pp.215–29: Andrew Saint, *Architect and Engineer: a study in sibling rivalry*, 2007, pp.33–7: Parnell, 'Tower', pp.13,25–32,49–54
13. Ann-Marie Akehurst, 'The Hospital de la Isla del Rey, Minorca: Britain's Island Hospital', *Architectural History*, vol.53, 2010, pp.123–61: John G. Smith, *Charlton: a compilation of the Parish and its People*, vol.1, 1970, pp.108,113,128–30,144: *ODNB*
14. TNA, WO47/28, p.279
15. TNA, WO51/97, f.81; WO51/98, p.32: Hogg, pp.227,238,240,249,254–6: Colvin

DRAFT

16. TNA, WO47/28–30; WO48/56; WO51/97–100: Hogg, pp.246–60: Barker, 'Architecture', pp.649–53: Pat and Tony Fawcett, *Andreas Schalch, First Master Founder of the Royal Brass Foundry*, 2009
17. NMR, Buildings Index Report 92394: BL, King George III's Topographical Collection 17, item 25d; Add. MS 32375, ff.105–6: LMA, SC/PZ/WO/1/13: TNA, MPH1/236; WORK43/1611: BMPD, 1867,1214.120M: EHLO photographs: H. Jackson and C. De Beer, *Eighteenth Century Gunfounding*, 1973
18. W. T. Vincent, *Woolwich. Guide to the Royal Arsenal, etc*, c.1884, p.12: BL, Add. MS 32375, f.105v
19. TNA, WO47/76–8: Hogg, pp.423,427–35: Jackson and De Beer, *Gunfounding*, pp.35–66,113,116,151: C. De Beer, *The Art of Gunfounding*, 1991: Fox, *Arts*, pp.370–5
20. TNA, WORK43/1611: Hogg, pp.505,900: NMR, Plans Room 18/5
21. TNA, WORK43/547: Henry Knell, *Guide to the British Arsenal*, 1865, pp.85–6: Vincent, *Warlike Woolwich*, 1875, p.30: Hogg, p.923: Harry, *Arsenal*, p.22: GLHER, SLO77329; information supplied by Peter Cormack and Martin Harrison
22. Donald Bailey, 'A barbarian found', *The Journal of Egyptian Archaeology*, vol.89, 2003, pp.254–61
23. NMR, PSA photographs; Plans Room 17/8–10, 18/3, 18/6: NMM, photographs
24. TNA, WO47/30–33; WO51/100,102,107–8,110: Hogg, pp.253,260–8: Barker, 'Architecture', pp.654–7
25. TNA, MPH1/236; MPH1/14/17: BL, King George III's Topographical Collection 17, items 22 and 25; Add. MSS 32375, f.119, 36489A, f.25: GHC, James Pattison Cockburn, untitled watercolour, 1794–5
26. CKS, U6/PI(1): GHC, anonymous watercolour, 1837: Gosset: TNA, MR1/1336; WO33/4A, 'Manufacturing', pp.6–9; WO33/4A, 'Report of the Committee appointed to inquire into the Excesses of Expenditure in Woolwich Arsenal' (hereafter 'Excesses'), pp.20,41–2; WO47/51; WO55/761; WO78/614: John Anderson, 'Description of the Machinery used in the Manufacture of Cannon, at the Royal Arsenal, Woolwich', *Professional Papers of the Corps of Royal Engineers*, vol.Q.VIII, c.1846, pp.42–60: Hogg, pp.407–8,458,626–7,632,675,898–9,940,945,1108,1327: Vincent, *Arsenal*, pp.17–18: *ILN*, 21 March 1896, p.373: GHC and NMR, aerial photographs: GLHER, SLO79918, 'Dial Arch Block', Oxford Archaeology report, 2008
27. Hogg, pp.1448–50
28. LMA, LMA/4441/1/2032/2: GP: GLHER, SLO79918: *The Mercury*, 27 Jan 2010, p.7
29. TNA, MP1/236; MP1/296; WO47/31–33; WO51/101,104–5,107–11: G. E. Grover, 'Historical Notes on the Royal Arsenal at Woolwich', *Minutes of Proceedings of the Royal Artillery Institution*, vol.6, 1870, pp.231–47: Hogg, pp.253–4,261–8,345–

DRAFT

- 6: Barker, 'Architecture', pp.200,657–66: GLHER, SLO75898, pp.5–10; SLO16062, 'The Royal Artillery Museum', Conservation Plan for Buildings 17, 18, 40 & 41', vol.3, Oxford Archaeological Unit report, 2000, Appx B, pp.2–5,10–16
30. BL, King George III's Topographical Collection 17, item 22: Whistler, 'Hawksmoor': Hewlings, 'Police': Parnell, 'Tower'
31. TNA, WO48/23; WO48/55; WO49/122; WO51/147–9,152: BL, King George III's Topographical Collection 17, items 21–2: Hogg, pp.286–8,298–301,328–30,345–52,360,413: Barker, 'Architecture', pp.668–9: GLHER, SLO75898, pp.10–11; SLO16062, p.5
32. GHC, 'A Description of the Royal Military Academy at Woolwich', 1775
33. GLHER, SLO75898, p.11; SLO16062, pp.5–6: Hogg, pp.364–81: *ODNB*
34. George Townshend, *Rules and Orders of the Royal Military Academy*, 1776, p.19
35. George Landmann, *Adventures and Recollections of Colonel Landmann*, vol.1, 1852, pp.2–3,18: Hogg, p.382: Fox, *Arts*, pp.363,369–70,374–6: David Brighton, 'Paul Sandby RA 1731–1809: "Father of English Water-colour"', in Burford and Watson, pp.33–41: *Paul Sandby: Picturing Britain*, eds John Bonehill and Stephen Daniels, 2009, pp.17–18: BMPD, 1867,1214.116–23; 1904,0819.17–18: *ODNB*
36. CKS, U6/PI(1): TNA, MPH1/180
37. *Summer Excursions in the County of Kent*, 1847, p.112
38. TNA, WO55/763: *ILN*, 11 Jan 1868: Hogg, pp.503,525,549,551,901: GLHER, SLO16062, p.8
39. Harry, *Arsenal*, pp.12,16: Timbers, p.123: GLHER, SLO15922, pp.8–9
40. TNA, WO47/31–2; WO51/104–5; WORK31/190: BL, King George III's Topographical Collection 17, item 22: Hogg, pp.254,262–8,302–6: Parnell, 'Tower'
41. TNA, WO47/55–7; WO49/122; WO51/143–6: BL, King George III's Topographical Collection 17, item 22: Hogg, pp.285–6,307–27: Barker, 'Architecture', pp.667–8: GLHER, SLO79917, Oxford Archaeology, 'Officer's Quarters', 2008
42. TNA, WO47/90, p.515
43. TNA, MPH1/279; WO47/86, p.113; WO47/91, pp.533,583; WO47/109, pp.200,287; WORK43/157,1618–9,1621–3: *PP* 1810–11 (261) IV.305, *The fifteenth report of the Commissioners of Military Enquiry*, p.355: Sandhurst Archives, CAYMA:WO150/1/67, letters from Charles Weaver to the Duke of Richmond, 10 Oct and 24 Nov 1787: Hogg, pp.470–1,514–16
44. Gosset: TNA, MPH1/1188; MR1/336; SUPP5/60; WO78/614, WO78/3008; WORK43/499,501,540–1,550,1620,1651: NMR, Plans Room 17/8/2, 18/3: *ODNB*: POD: GLHER, SLO79917
45. TNA, WORK43/1479: Roy Masters, *The Royal Arsenal, Woolwich*, 1995, p.11: GLHER, SLO79917

DRAFT

46. TNA, WO47/51: NMR, Plans Room 17/8/1: Hogg, pp.357–61,392,413–6,1107: Parnell, 'Tower', p.16: GHC photographs: EHLO photographs
47. TNA, MP1/296; MPH1/279; WO47/56, pp.140–1; WORK43/157: BL, King George III's Topographical Collection 17, item 22: LMA, Collage 22801: Hogg, pp.270,287,291,330–4,383,415: Vincent, p.318
48. TNA, MR1/1336; SUPP5/60; WO78/3008; WORK43/532–3,545,569–70,1637: NMR, MD96/10793; Plans Room 18/3: EHLO photographs: Hogg, pp.697–8,749,811,1327–30,1336: Masters, *Arsenal*, pp.11,12,24–7
49. TNA, WO47/79, p.210; WO47/82, pp.90,296: Hogg, pp.429,432,435,439,1007: GLHER, SLO79915, Oxford Archaeology, 'Verbruggen's House', 2008
50. TNA, MPH1/1188; MR1/1336; WO47/107, pp.245,315: Hogg, pp.387,479,1038,1434–6: NMR, Plans Room 17/10: EHLO photographs: GHC photographs: GP
51. PP 1810–11, p.355: TNA, WORK43/571–2; WO47/97, p.617: Sandhurst Archives, CAYMA:WO150/1/124, letter from Weaver to Wyatt, 16 July 1788: NMR, Plans Room 17/10: Harry, *Arsenal*, p.10: Hogg, p.482: information supplied by John Martin Robinson
52. BL, 578.m.15: Hogg, pp.436–8,522–3: OED: Heinz Halm, *The Empire of the Mahdi: The Rise of the Fatimids*, tr. Michael Bonner, 1996, pp.176–7: Juliette Faure, *L'Arsenal De Paris: Histoire et Chroniques*, 2002: www.dhm.de/magazine/zeughaus/Waffenarsenal
53. LMA, E/MW/C/1730: TNA, TS21/26; WO32/20664; WO47/89, p.676; WO47/91, p.430; WO47/113, p.19; WO55/2355: Daniel Lysons, *The Environs of London*, vol.1, pt2, 1811 edn, pp.596–7: Hogg, pp.409–10,437,460–81,513,593–4,1291: Cutler, 'Tower Place', pp.27–30
54. TNA, WO32/7194: Vincent, pp.359–64: Hogg, pp.451–7: Reg Rigden, 'The Floating Prisons of Woolwich and Deptford', *WASP*, vol.34, 1973, pp.17–31: Allan Brodie et al, *English Prisons: An Architectural History*, 2002, pp.122–3
55. PP 1810–11, pp.307,312–16,352–5: TNA, WO55/2355: Whitworth Porter, *History of the Corps of Royal Engineers*, vol.1, 1889, pp.94,132,138: Royal Engineers Library, 'Miscellaneous Returns of Royal Engineers 1780–1839', f.1: ODNB: John Martin Robinson, *James Wyatt: Architect to George III*, 2012
56. TNA, WO47/2573, pp.1364–5,1482–3; WO47/2577, p.413; WO47/2579, pp.1446,1721; WO47/2582, p.41; WO47/2583, pp.908,1482; WORK55/757: Hogg, p.500: *Survey of London*, vol.43, 1994, p.254
57. TNA, PROB31/1084/120; WO47/2577, pp.446–7; WO47/2582, p.736; WO55/756: Hogg, p.569: PP 1810 (81) IX., *The twelfth report of the Commissioners of Military Enquiry*

DRAFT

58. TNA, MPH1/190/2; MPHH1/703/53-6; WO47/88-92; WO55/2269: BL, 578.m.15: Hogg, pp.457-62: Rigden, 'Prisons', p.22
59. TNA, MPH1/480; MPHH1/72; MPHH1/751; CKS, U6/P1(2) and P2
60. TNA, MPH1/480; MPHH1/66/4; MPHH1/189; WO47/2564, p.484; WO47/2572, pp.37,285-6: WO55/756: John Rylands Library, John Pitt Papers, Eng MS 1271/4: , *Survey of London*, vol.43, 1994, p.268: Hogg, pp.482,487,500-2,540,594,1295
61. Hogg, pp.945,1015
62. TNA, MPHH1/180; MPHH1/244/1; WO55/756
63. TNA, MR1/1380: *PP* 1810-11, p.355
64. TNA, WO55/756
65. TNA, MPH1/574; MPHH1/128; MPHH1/576/3; MPHH1/576/4; MR1/1381; WO44/291; WO47/2588, p.601; WO47/2599, p.3509; WO55/756,2355; WO78/1624/2: BL, Add. MS 36489A/23: Hogg, pp.523-8
66. *PP* 1810-11: *Survey of London*, vol.43, 1994, p.255: Hogg, pp.500,523-4: Robinson, *Wyatt*
67. TNA, MPH1/190/4; WO55/2449; WORK43/1632: GLHER, SLO77182, SLO77569, SLO77731, SLO77930, Oxford Archaeology reports, 2004-5
68. GLHER, SLO77182
69. TNA, MPH1/190/2-4; MPH1/574; WO44/292; WO44/297; WO49/165; WO55/758; WORK43/1634: Hogg, pp.528-35,678: GLHER, SLO77731
70. TNA, WORK43/1635; WO46/104, p.152; WO78/3008: NMR, Plans Room 17/1 and 18/3: *Penny Magazine*, 9 March 1839, p.90: *ILN*, 21 Sept 1867: Knell, *Arsenal*, p.101: Hogg, pp.536,785: GLHER, SLO77569, SLO77731, SLO 77930
71. TNA, MPH1/190/4; MPHH1/576/3; MPHH1/576/4; WO44/297; WO55/2449; WO55/2498
72. TNA, WO33/4A, 'Excesses', p.30: *B*, 22 Nov 1856, p.638: Hogg, pp.767-8,772: GLHER, SLO77850, Oxford Archaeology, 'Building 45', 2005
73. NMR, Plans Room 17/8: GLHER, SLO77850
74. GP
75. TNA, MR1/1336; WO44/297: *The Engineer*, 4 Jan 1856, p.4: Hogg, pp.529-35,761,768,772: NMR photographs
76. Hogg, p.898: GLHER, SLO77021, Oxford Archaeology, 'Area of Former Building 50', 2003
77. TNA, WO32/20339: NMR, Plans Room 17/9
78. EH, Registry Files LRS002032/36,37,46,49: GP
79. TNA, WO49/234; WO51/124-6: S. and N. Buck, 'North Prospect of Woolwich', 1739: BL, King George III's Topographical Collection 17, item 22: Hogg, pp.283-4: Barker, 'Architecture', pp.666-7

DRAFT

80. TNA, MPH1/752; MPH1/497; WO47/88, p.117; WO47/93, p.427; WO47/94, p.47; WORK43/157: BMPD, 1904,0819.17: Hogg, pp.465–8
81. TNA, MPH1/180; WO47/2573, p.681: Hogg, p.503
82. TNA, MPH1/244/1; WO47/2574, p.380; WO47/2582, p.788: Hogg, pp.507–11,1109
83. Knell, *Arsenal*, p.15
84. GLHER, SLO79835, Oxford Archaeology, 'Royal Carriage Factory (Building 10)', 2008: TNA, WO55/2355: Hogg, pp.701,735: Robinson, *Wyatt*
85. TNA, WO47/2584, p.2443; WO55/756; WO55/761: NMR, Plans Room 18/3: Hogg, pp.521,564–5,616–17: O. F. G. Hogg, 'The Development of Engineering at the Royal Arsenal', *Newcomen Society Transactions*, vol.32, 1959–60, p.35
86. BL, Add. MS 76125
87. TNA, MPH1/262/4; MPH1/505/5; MPH1/136; MPH1/245; MPH1/262/4; MPH1/576/1; MR1/1381; WO47/2604, p.2572; WO55/756–7; WO55/761; WO55/1799; WO55/2498: Hogg, pp.559–63,570–2,590–1,698,1015; Paul Clements, *Marc Isambard Brunel*, 1970, pp.47,51: Colin Thom, 'Fine veneers, army boots and tinfoil: New light on Marc Isambard Brunel's activities in Battersea', *Construction History*, vol.25, 2010, pp.53–67
88. Gosset: TNA, MR1/1336; WO33/4A, 'Excesses', pp.6,56; WO44/296; WORK43/499,501: *Quarterly Review*, Jan–April 1858, pp.258–9: NMR, Plans Room 18/3: Hogg, pp.640,655,705–6,718,771: GLHER, SLO79835
89. *The Engineer*, 2 Oct 1891, p.270: TNA, WORK43/1329,1331,1642–3: Vincent, *Arsenal*, pp.45–6
90. TNA, WO185/328: Hogg, pp.1019,1022: NMR, PSA Collection G12049/11–12: GLHER, SLO79835
91. *PP* 1810–11, p.355: TNA, WORK43/492,501,506,515,1333,1520–1,1526,1644–9: *The Engineer*, 2 Oct 1891, p.269: Hogg, p.817: NMR, Plans Room 17/8,9,14: GLHER, SLO79835
92. EH, Registry File, LRS002032/10: information supplied by Keith Cowell, A&Q Partnership: GP
93. TNA, WO47/91, p.447; WO47/101, pp.380–3,499; WO47/102, pp.1,112,213; WO47/105, pp.88,638; WO47/106, p.23: *PP* 1810–11, pp.352,355: Hogg, pp.270,476
94. TNA, MPH1/279: EHLO photographs: GLHER, SLO16062: information supplied by J. M. Robinson
95. TNA, MFQ1/1267; MPH1/66/1,3; MR1/1381; WO44/291: Hogg, pp.521–5,551,570
96. GLHER, SLO16062
97. John Anderson in TNA, WO33/4A, 'Manufacturing', p.16

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98. TNA, WO44/644; WORK43/1302: Hogg, pp.741,781–3: GLHER, SLO16062
99. TNA, MR1/1336; SUPP5/60; WO33/4A, 'Manufacturing', p.21; 'Excesses', pp.19,57; WORK43/499: *WJ*, 1 April 1856, p.58: *Quarterly Review*, Jan-April 1858, pp.256–7: GLHER, SLO16062
100. TNA, WO78/3008; WORK43/543–4: *The Engineer*, 2 Oct 1891, p.269: Hogg, pp.816,829,939: GLHER, SLO16062
101. TNA, WO32/20339: GHC, aerial photographs: GLHER, SLO16062
102. *PP* 1810–11, p.355: TNA, MPH1/236; WO55/756; WORK43/492: Hogg, pp.270,556–7
103. NMR, Plans Room 17/14 and 18/3: Hogg, pp.557,1120–1,1443–4; Harry, *Arsenal*, p.23: GP
104. TNA, MPH1/262/3,4; WORK43/501: GHC Prints: Harry, *Arsenal*, p.15: Hogg, pp.597–8: Masters, *Arsenal*, pp.47,56: GP
105. *ODNB*
106. TNA, MPH1/582/1–3; WO44/292
107. BL, Add. MS 36489A/26: LMA, Collage 31414: GHC, Vincent cuttings, vol.5, p.31: Hogg, pp.629–31
108. TNA, WO78/3008; WORK43/1476–7: NMR, Plans Room 17/8/2, 17/14 and 18/3: Hogg, pp.697–8,1332–6
109. GHC, Greenwich Council, 'The Royal Arsenal Gatehouse', 1986, p.1: LMA, ACC/3499/EH/2/76; ACC/3499/EH/7/1/547–8: *KI*, 13 Sept 1973: EHLO photographs; NMR, Plans Room 17/10
110. LMA, LMA/4441/1/2032/2: EH, Registry File LRS2032/0/AG
111. LMA, ACC/3499/EH/2/76; ACC/3499/EH/7/1/547–8: Information supplied by Peter Watts: EHLO photographs: *Survey of London*, vol.25, 1955, pp.117–19,123, plate 86: Alison Kelly, *Mrs Coade's Stone*, 1990, p.426
112. TNA, MPH1/65; WO47/90, p.218; WO47/2726; WO55/756: Hogg, pp.593–4,672–3: Vincent, pp.348,812: NMR, Plans Room 18/1: GHC postcards
113. *Penny Magazine*, 9 March 1839, p.90
114. *Summer Excursions in the County of Kent*, 1847, pp.107–8
115. Richard Ruegg, *Summer's Evening Rambles round Woolwich*, 1847, pp.11–17: TNA, WO44/296: *WJ*, Aug 1848, p.120: Vincent, p.350: Hogg, pp.637–9,679–80,688–9,1330–4
116. Quoted in Hogg, p.670; see also pp.602,664,1305–6
117. William Denison, 'Description of the Machinery in operation at the Royal Arsenal for the Manufacture of Leaden Bullets by Compression', *Professional Papers of the Corps of Royal Engineers*, vol.QV, c.1842, pp.219–23

DRAFT

118. Gwilym Roberts, 'Sir John Anderson, 1814–86: The Unknown Engineer who Made the British Empire Possible', *Transactions of the Newcomen Society*, vol.128, 2008, pp.261–91; Hogg, pp.720–2
119. TNA, WO33/4A, 'Manufacturing', p.3
120. *James Nasmyth Engineer, an autobiography*, ed. Samuel Smiles, 1883, p.317
121. TNA, WO33/4A, 'Manufacturing'; WO44/644: *Nasmyth*, pp. 317–19; Hogg, pp.675,703: *ODNB*
122. TNA, WO33/4A, 'Manufacturing', p.4
123. TNA, WO44/644
124. TNA, WO33/4A, 'Manufacturing'; WO 44/644
125. ETH Zürich, Institut für Geschichte und Theorie der Architektur Archiv, Collinson to Semper, letter of 13 Jan 1854, 20/K/1854/1/13; 20/K/1853/12/7; 20/K/1854/2/23:2: TNA, WO33/4A, 'Manufacturing'; WO44/644: NMR, Plans Room 18/4; Hogg, pp.745–6; Wolfgang Herrmann, *Gottfried Semper: In Search of Architecture*, 1984, p.71; *Gottfried Semper, 1803–1879: Architektur und Wissenschaft*, eds Winfried Nerdinger and Werner Oechslin, 2003, p.285
126. TNA, SUPP5/60; WO33/4A, 'Manufacturing', pp.6–7,16–17; WO44/298: *Morning Chronicle*, 25 April 1855, p.2: *Quarterly Review*, Jan–April 1858, p.253; Roberts, 'Anderson', pp.261,269; Hogg, pp.752–5
127. Frederick Engels, 'British Disaster in the Crimea', *New-York Daily Tribune*, 22 Jan 1855
128. TNA, WO33/4A, 'Manufacturing', pp.33–6: *WJ*, 1 April 1856, pp.57–8; Frances Augusta Eardley-Wilmot, *Memorials of Frederick Marow Eardley-Wilmot*, 1879, p.146; R. E. White, *Recollections of Woolwich*, 1885, p.29; Hogg pp.742–4,752–3,771,773,809–14,1087–8,1372
129. Hogg, pp.718–19
130. Hogg, pp.717,1107,1134,1190
131. TNA, WO44/298: *Morning Chronicle*, 25 April 1855, p.2: *BDCE*, vol.2, pp.70–1
132. TNA, WO 44/615
133. TNA, WO33/4A, 'Excesses', p.6
134. TNA, WO33/4A, 'Excesses', 1857; WO44/644: *WJ*, 1 April 1856, p.57; NMR, Plans Room 18/3; Hogg, pp.765,794,1106,1274
135. Knell, *Arsenal*, pp.55–6
136. TNA, WO33/4A, 'Manufacturing'
137. Knell, *Arsenal*, p.8: *WJ*, 1 May 1856, p.73; 1 Feb 1857, p.25; Hogg, pp.809,1289
138. TNA, WO33/4A, 'Excesses', pp.12–15,43; 'Manufacturing', pp.17–18,24: WORK43/501,1302,1510–16,1559,1612–15: *WJ*, 1 April 1856, pp.57–8; 1 Sept

DRAFT

- 1856, p.137: Roberts, 'Anderson', p.269: Hogg, pp. 764–5,768,781–3,1411,1413: GLHER, SLO16062, pp.95–131
139. Andrew Wynter, MD, 'Woolwich Arsenal', *Quarterly Review*, Jan-April 1858, pp.262–4
140. TNA, SUPP5/60; WO78/3008,3414; WORK43/506,515: *ILN*, 15 Jan 1859, p.58: *The Engineer*, 23 Sept 1881, p.218; 2 Oct 1891, p.269: Vincent, *Warlike Woolwich*, p.18: Gale and Polden, *Album of Views of Woolwich Arsenal*, nd (c.1914): Hogg, pp.817,823–4,902,1018: GLHER, SLO16062
141. EH, Registry File, LRS009211/0: Timbers, p.123
142. TNA, WORK43/501,1510–16,1612–15; WO78/3008: GLHER, SLO16062: Timbers, pp.124–6
143. *B*, 22 Nov 1856, pp.638–9: *ILN*, 4 April 1857, pp.314–15: *Quarterly Review*, Jan-April 1858, pp.259–60: *BN*, 31 March 1871, pp.242–3: White, *Recollections*, p.31: Roberts, 'Anderson', p. 269: Hogg, pp.772–3,782–3: *ODNB*
144. Vincent, *Arsenal*, p.21
145. TNA, WO33/4A, 'Excesses', p.7
146. TNA, WO32/20339; WO78/3008: *BN*, 1 Sept 1876, p.219: LMA, LMA/4441/1/2032/1: NMR, Plans Room 17/10: Harry, *Arsenal*, p.21; Masters, *Arsenal*, p. 122
147. GP
148. TNA, WO55/760; WO55/764: Hogg, p.739
149. TNA, WO33/4A, 'Excesses', pp.6,21,38–41; WORK43/1190,1546–8: *WJ*, 1 April 1856, p.58: *ILN*, 18 April 1857, p.361: *Quarterly Review*, Jan-Apr. 1858, pp.249–52: Hogg, pp.771,773: Marshall J. Bastable, *Arms and the State: Sir William Armstrong and the Remaking of British Naval Power, 1854–1914*, 2004, pp.25–8,37
150. *Quarterly Review*, Jan-April 1858, p.252
151. TNA, WO33/4A, 'Manufacturing', pp.7–8
152. *The Times*, 25 April 1879, p.10
153. *WJ*, 1 March 1859, p.43
154. *The Times*, 24 Jan 1860, p.10: TNA, SUPP5/60; WORK43/1188: BL, Add. MS 32375, f.92r
155. TNA, MR1/1336; SUPP5/60; WORK43/499,501,1188: *WJ*, 1 Aug and 1 Sept 1859, pp.121,136; 2 Jan 1860, p.10; 2 February, 2 March and 1 June 1863, pp.24,41,88: *Mechanics' Magazine*, 28 June 1867, p.399: *ILN*, 27 June 1874: Vincent, *Arsenal*, pp.28–36,39: Roberts, 'Anderson', pp.271–3: H. A. Baker, 'What went wrong with the Armstrong?', *Journal of the Arms and Armour Society*, vol.7, 1971–3, pp.354–60; vol.8, 1974–6, pp.85–90: D. H. P. Braid, 'The Armament of Naval Ships in the Nineteenth Century', *Transactions of the Newcomen Society*,

DRAFT

- vol.56, 1984–5, pp.113–17: Hogg, pp.811–12,904: Bastable, *Armstrong*, pp.28–33,38,59–66,75–80,180
156. TNA, WORK43/1189,1549–50,1553–4: *The Engineer*, 2 Oct 1891, p.269: Gale and Polden, *Album*: Hogg, pp.906,946
157. NMR, PSA Clln G12250/2
158. TNA, MPH1/190/2; MPH1/65; MPH1/755/4; WO44/292; WO44/297; WO47/89, p.686; WO47/90, p.451; WO47/94, p.278; WO55/2355: WORK43/157; Hogg, pp.650,702
159. TNA, WO 33/4A, 'Manufacturing', p.10
160. TNA, MR1/1336; TS4/29, p.514; WO32/20339; WO44/2998; WO78/3008; WORK43/501: *PP* 1859 (Sess.1) (63 and 193) XIV.429 and 585, *Revised army estimates, 1859–60: Quarterly Review*, Jan-April 1858, pp.254–6: *The Engineer*, 23 Sept 1881, p.218: Gale and Polden, *Album*: NMR, Plans Room 17/14 and 18/4: Hogg, pp.761–2,772,814–5,957–8: Oxford Archaeology, unarchived building records, 2001
161. *BN*, 8 Sept 1871, p.188
162. TNA, MR1/1336; SUPP5/60; WO78/3008,3414; WORK43/1527–34: *PP* 1861 (22) XXXVI.1, *Army estimates, 1861–2*: NMR, Plans Room 17/9: Vincent, *Arsenal*, pp.42–3: Gale and Polden, *Album*: Hogg, pp.814–17,906: *KI*, 2 March 1972: Oxford Archaeology, unarchived building records, 2001
163. *WJ*, 1 May 1857, p.73: Vincent, *Arsenal: The Engineer*, 23 Sept 1881, p.218: Hogg, pp.973–7,988–90,1289–90: Barbara Ludlow, 'Munitionettes: Women Workers in the Royal Arsenal, Woolwich, c.1750–1945 (Part Two)', *Bygone Kent*, vol.23, no.8, Aug 2002, pp.464–73: Peter Baigent and Robert Ruegg, 'Pauperism or Emigration? Case Studies of Publicly-backed Emigration Schemes in Woolwich, Kent, 1857 and 1869–70', *Family & Community History*, vol.10, no.1, May 2007, pp.19–33
164. *BN*, 20 Dec 1878, p.677: H. C. L. Holden, 'The Application of Electricity in the Royal Gun Factory, Woolwich Arsenal', *Electrical Engineer*, 24 Nov & 1 Dec 1905, pp.734–7,768–773: J. Fisher, 'A Brief History of the Transport System in the Royal Arsenal, Woolwich', in Burford and Watson, pp.71–81: Hogg, pp.1306–14,1373: Harry, *Arsenal*, p.24: Masters, *Arsenal*, pp.33–4
165. *The Engineer*, 18 Dec 1868, p.465; 23 Sept 1881, pp.217–18; 10 Dec 1886, p.462: Bastable, *Armstrong*, p.179: Hogg, pp.827–8,841,1038
166. Bastable, *Armstrong*, pp.178–89: Hogg, pp.840–60,870–1,893,911–20,925,936,940,952–6,965–71,1104: Frederick Message, 'Sir William Anderson 1834–1898; a forgotten engineer of Erith and Woolwich', *WASP*, vol.35, 1976, pp.11–17: Vincent, p.317: *ODNB*
167. *BN*, 12 Nov 1869, p.378: Hogg, pp.872,879,930,941,1107

DRAFT

168. ODNB: GLHER, SLO77312, Oxford Archaeology, 'Building 20', 2004: Bastable, *Armstrong*, pp.172–3; Hogg, pp.749–50,818,902,1444–6; Harry, *Arsenal*, p.19: GP
169. TNA, BT356/1169; BT356/1363: *Engineering*, 8 Jan 1869, pp.20–1; 15 July 1870, p.41: *The Engineer*, 16 Sept 1870, pp.193–4; 26 Feb, 7 May and 11 June 1875, pp.141–2,305,397: *The Architect*, 14 March 1874, p.158: *B*, 23 Sept 1876, p.939: NMR, Plans Room 17/8/2 and 17/13: Vincent, pp.345–6: Hogg, pp.814–15
170. *The Engineer*, 25 April 1873, p.252; 5 June 1874, pp.369–70; 21 Aug 1874, pp.152–8; 23 Sept 1881, p.218: *ILN*, 10 Aug 1872, pp.133–4: Vincent, *Arsenal*, pp.36–9: GLHER, SLO77183, Pre-Construct Archaeology, 'IO Group Phase 2 (Zone 22), The Royal Arsenal', 2004
171. TNA, WO78/3008; WORK43/1196,1215: Braid, 'Armament', pp.116–18: Vincent, *Arsenal*, pp.36,152: Hogg, pp.815–17: GLHER, SLO77640, Pre-Construct Archaeology, 'IO Group, Phases 3a (Zone 17) and Phase 4 (Zones 21 and 23), The Royal Arsenal', 2005
172. TNA, WORK43/1217: *The Engineer*, 23 Sept 1881, p.218; 2 Oct 1891, p.269: John Lysaght, trade catalogue, c.1914: Hogg, p.898: BMPD, 1917,0414.95; 1917,0414.97: GHC, Vincent cuttings, vol.2, p.133: GLHER, SLO77183
173. TNA, HO192/674; WO78/3008,3414; WORK43/1187,1496,1557–8: *The Engineer*, 2 Oct 1891, p.270: NMR, Plans Room 17/12, 18/1–4; GLHER, SLO77183; SLO77640: Hogg, pp.817–18,905–6,920
174. TNA, MR1/1336; WORK43/1627: *PP* 1860 (60) XLI.1, *Army estimates, 1860–1: PP* 1861 (22) XXXVI.1, *Army estimates, 1861–2*: Hogg, p.814
175. Vincent, *Warlike Woolwich*, p.23
176. TNA, WORK43/506,1629: *The Engineer*, 2 Oct 1891, p.269: NMR, Plans Room 18/4; GLHER, SLO77140 and SLO77635, Oxford Archaeology, Buildings 47 and 48, 2004–5: Hogg, pp.898,1107
177. TNA, WO32/20339: EH, Registry File, LRS002032/37
178. TNA, WORK43/506,1638: Hogg, pp.818,888,1431: GLHER, SLO77185, Oxford Archaeology, 'Building 21', 2004
179. Knell, *Arsenal*, p.51
180. TNA, MR1/1336; SUPP5/60; WO78/3008: Hogg, pp.570,772,815
181. TNA, WO78/3008; WORK43/1639–40: *The Engineer*, 2 Oct 1891, p.269: Vincent, p.354: Hogg, p.818
182. TNA, WO32/20339; WORK43/1320,1507–9: Mouchel-Hennebique, 'List of Works Executed in the United Kingdom', 1897–1919, nd, p.19: *Journal of the RIBA*, 25 Feb 1928, pp.275–6: Hogg, pp.920–3,945,978: GLHER, SLO77329, Oxford Archaeology, 'Building 22', 2003: GP
183. TNA, WO32/4902

DRAFT

184. TNA, WO32/4902-3: Charles Job (Woolwich Branch Communist Party), *London's Arsenal*, 1945, pp.15-18: Daniel Weinbren, 'The Peace Arsenal Scheme: the campaign for non-munitions work at the Royal Ordnance Factories, Woolwich, after the First World War', Thames Polytechnic, PhD thesis, 1990: Hogg, pp.953-4,991-1001,1122,1290: William Pearce, 'Industrial Relations in the Royal Arsenal', in Burford and Watson, pp.111-25: *ODNB*
185. TNA, WO185/125-6; WO33/1366: Hogg, pp.1344-8
186. TNA, HO192/56,407,674; WO32/15186: Hogg, pp.960,1024-30,1290: Pearce, 'Industrial Relations'
187. TNA, WO32/15186, 'Report of the Interdepartmental Committee on Woolwich Arsenal', May 1953, Appx 2, para. 4; WO32/15486; WO32/20267-8; WO32/20326; WO185/328; WO286/24,45,59-60; WORK22/182-3: Hogg, pp.1030-2,1290: Jefferson, pp.415-16
188. TNA, WO32/20386: *KI*, 6 Dec 1963, 23 Oct 1964:
www.theiet.org/about/libarc/archives/biographies/mensforth.cfm
189. NMR, PSA Photographs, Royal Arsenal Western Enclave
190. Bridget Cherry and Nikolaus Pevsner, *The Buildings of England, London 2: South*, 1983, p.287
191. TNA, WO32/20339; WO32/21549; WORK22/184: LMA, ACC/3499/EH/2/76; ACC/3499/EH/7/1/547-8; LMA/4441/1/2032/1: *KI*, 2 March 1972, 13 Sept 1973, 14 March 1974, 13 Feb and 27 Dec 1975, 20 April 1978: NMR, PSA photographs; Plans Room 17/10
192. LMA, LMA/4441/1/2032/2: EHLO file GRE22; NMR, Buildings Index file 92394; GLHER, SLO18468,18478,18487, English Partnerships et al, 'Woolwich Arsenal: the bottom line': *BD*, 28 Feb and 19 June 1992, 17 Sept 1993: SAVE Britain's Heritage, *Deserted Bastions*, 1994: *AJ*, Dec 1994, pp.43-5: *Independent*, 17 July 1995: Marcus Binney, 'After the war was over', *Country Life*, 19 Oct 1995, pp.44-6: information supplied by John Anderson and Julian Watson
193. *AJ*, 23 July and 17 Sept 1998: *Regeneration through Heritage: Understanding the Development Potential of Historic European Arsenals*, ed. Mark Stevenson, 2007: *BD*, 10 July 2009
194. Timbers, p.123: *AJ*, 4 May 2000: EH, Registry File LRS009211/0: GLHER, SLO16018: GP
195. *BD*, 3 Sept 2004: GP: Information supplied by John Anderson
196. *B*, 30 Oct 1847, p.522: TNA, WORK20/37: Roscoe, p.834: *KI*, 27 June 1974: Harry, *Arsenal.*, p.20: *AJ*, 25 May 2000
197. GP: *Mercury*, 24 Feb 2010, p.18
198. *AJ*, 25 May 2000: GP: information supplied by John Anderson

DRAFT

199. www.cabe.org.uk/case-studies/royal-arsenal-riverside/evaluation: EH, Registry file LRS002032/50: GP: information supplied by John Anderson
200. GP
201. EH, Registry File LRS002032/10: GP: Berkeley Homes, 'The Warren – Royal Arsenal Masterplan', 2007: *AJ*, 7 July and 17 Nov 2005: Kenneth Powell with Cathy Strongman, *New London Architecture* 2, 2007, pp.26–7: information supplied by John Anderson
202. EH, Registry File, LRS002032/10: *AJ*, 22 June 2010: Crossrail media briefing note, 7 April 2011
203. Information supplied by John Anderson: *Building*, 6 Aug 2008, at www.building.co.uk/sectors/housing/royal-arsenal-berkeley-homes-boss-who-lives-in-his-own-scheme/3119999.article: www.cabe.org.uk/case-studies/royal-arsenal-riverside/evaluation: EH, Registry File, LRD002032/10: GP

CHAPTER IV

Powis Street and Green's End Areas

1. Owen Hatherley, *A Guide to the New Ruins of Great Britain*, 2010, pp.314–5
2. GHC, 'A Chart of the River Thames', pub. David Steel, 1802
3. *Kentish Mercury*, 28 Feb 1853: Vincent, p.94: TNA, C13/2350/13: Census
4. TNA, C12/176/33; C13/19/31; C13/2350/13; C13/3187/6: WV Mins: LMA, P78/ALF/65, p.169
5. TNA, C13/144/19; C13/2350/13
6. POD: DSR: Vincent, pp.19,85,112: WV Mins: TNA, RAIL1066/1550, p.3
7. *WJ*, Jan 1850, p.9
8. Ancestry, parish records: MBW Mins: POD
9. *KI*, 30 Jan 1914: RIBA Library, biography file
10. TNA, C13/941/6: OHS, Abstract of Title to Premises in Powis Street and Greens End, Woolwich, 1907: 'Limavady History', www.causewaycoastandglens.com/Limavady.T430.aspx: Vincent, pp.89,807
11. Interview with R. E. M. P. Sibley, Chief Executive, Ogilby Housing Society, 25 June 2008: *The Times*, 20 Nov 1959, p.24: *KI*, 20 Nov 1965: Jefferson, pp.402–3
12. RB: TNA, C13/2350/13: GHC, U1851/T5
13. TNA, C13/2350/13: GHC, misc. deeds, Edward Street, 1806
14. *Woolwich Advertiser and Local Intelligencer*, Dec 1840: Census

DRAFT

15. Rochard, pp.31–2: Census: POD: DSR: MBW Mins: TNA, IR58/33532: Booth collection, B114, p.14: Jefferson, pp.75–6
16. Rochard, p.55: Jefferson, pp.8–24
17. Census: Co-operative College Archives, L/8/4, RACS Reports, 1905–1926; I/4/5, RACS Minute Book, 1919–1928
18. *The Times*, 21 Jan 2008
19. Betty Fletcher, 'Memories of shopping in late 1920s and early 30s', in *Shopping*, p.17
20. WBC Mins: LCC Mins: GHC, Jack Vaughan Collection, H. W. Tee, 'A Few Notes on Woolwich and some of its recent Municipal Works', 1933, pp.4–5
21. *KI*, 3 May 1957
22. WBCDC Mins, 29 Nov 1957, pp.139–41
23. WBCDC Mins
24. *The Times*, 13 Jan 1971, p.4
25. Jefferson, p.404
26. Ian Nairn, *Nairn's London*, 1966, pp.185–6
27. TNA, C13/2350/13; Vincent, pp.183–4; W. J. Weller, 'The Presbyterian Church, New Road, Woolwich', *WASP*, vol.14, 1909, pp.64–9
28. POD: DSR: Goad: TNA, RAIL1066/1550, p.9: GHC, Vincent cuttings, vol.2, p.77; Rochard, p.55: Vincent, p.19: OHS, Abstract, 1907: CKS, U36/T460: Herbert Jeans, *Modern Construction: being some notes on the works of Thomas & Edge, Woolwich*, 1928, pp.25,30
29. *KI*, 19 Feb and 11 March 1960: GBC
30. DSR: POD: OHS, Abstract, 1907: GBC: TNA, IR58/33532/4114-5
31. GBC: Goad, 2004
32. DSR: OHS, Abstract, 1907: TNA, IR58/33532/4120: POD
33. POD: GBC
34. TNA, C13/2350/13: BL, Add. MS 31331, f.136: OHS, Abstract, 1907: Vincent, pp.77–8: LMA, GLC/AR/BR/07/4267: Census: POD: DSR
35. DSR: OHS, Abstract, 1907
36. GBC
37. DSR: GBC: POD: TNA, IR58/33532/4130
38. RB: POD: OHS, Abstract, 1907: TNA, IR58/33532/4131–2
39. POD: DSR: RB: *The Times*, 1 June 1907, p.12: Goad, 1907: OHS, Abstract, 1907: TNA, IR58/33532/4133: GBC: Marks & Spencer company archive: Neil Burton, 'Robert Lutyens and Marks and Spencer', *The Thirties Society Journal*, vol.5, 1985, pp.8–17: Kathryn A. Morrison, *English Shops and Shopping: an architectural history*, 2003, pp.229–241
40. DSR: GBC: Marks & Spencer company archive: *KI*, 18 Nov 1960

DRAFT

41. BL, Add. MS 31331, f.137: POD: B, 19 May 1866, p.376: RB: DSR: GHC, Vincent cuttings, vol.6, p.185
42. TNA, C13/2350/13: POD: DSR: LMA photographs: LMA, GLC/AR/BR/07/3119
43. WBCDC Mins, 7 Oct 1958, p.246
44. GBC: LMA, GLC/AR/BR/16/WO/723/RC/TP: KI, 1 Sept 1962, 3 Sept 1970, 5 Aug 1971: *Kentish Times*, 26 Sept 1969: *Eltham Times*, 3 Dec 1971: *The Times*, 14 Sept 1970, p.13; 11 Oct 1971, p.12: POD
45. *The Times*, 13 Jan 1971, p.4: KI, 16 July 1970, 22 July 1971, 27 June 1972: GBC: WBCDC Mins: LBG Mins: Museum of London Docklands, Sainsbury Archive
46. GP: www.bbc.co.uk, 8 Feb 2007
47. DSR: RB: Census: TNA, IR58/33532/4140
48. DSR: RB: POD: TNA, IR58/33532/4141
49. DSR: RB: POD: Census: Rochard, p.50
50. DSR: RB: POD: TNA, IR58/33532/4143–6: Census
51. GBC
52. RB: POD: ODNB: Goad, 1907
53. DSR: POD: RB
54. Collin Brooks, *The First Hundred Years of the Woolwich Equitable Building Society*, 1947, pp.31–136: CKS, U36/T1717: Census
55. Barclay's Group Archives, 1023/8–9; 1023/1338: POD: TNA, IR58/33532/4149: GHC, Cutler MSS
56. MBW Mins: OS
57. TNA, C13/2350/13: Census: POD: LMA, GLC/AR/BR/26/WO/0134/115/BA: DSR: Goad, 1907: GHC, Vincent cuttings, vol.3, p.36: KI, 13 Nov 1959
58. WBCDC Mins: LMA, GLC/AR/BR/26/WO/0134/115/BA
59. Rochard, p.34
60. TNA, C13/2350/13: DSR: POD: RB: GHC, Vincent cuttings, vol.4, p.110: Census
61. TNA, C13/2350/13: DSR: POD
62. GBC: KI, 28 Oct 1960; 18 Nov 1960: 20 Jan 1972
63. TNA, C13/2350/13: DSR
64. Rochard, p.40
65. DSR: RB: POD: GHC, Vincent cuttings, vol.6, pp.2,19: TNA, IR58/33532/4180
66. TNA, C13/2350/13; ED103/139/38: BL, Add. MS 31331, f.130: RB: POD: Vincent, pp.75–6
67. DSR: GBC
68. DSR: GBC
69. DSR: Census: GHC, Vincent cuttings, vol.6, p.59: TNA, IR58/33532/4184
70. POD: DSR: RB: GBC: Goad, 1907: TNA, IR58/33532/4187: Jefferson, p.22

DRAFT

71. DSR: Census: *The Times*, 19 Jan 1907, p.18: TNA, IR58/33532/4189-92: GHC, Vincent cuttings, vol.2, p.111: GBC
72. LMA, LMA 4278/1/408
73. DSR: LCC Mins: LMA, LMA/4278/1/409; LMA/4278/1/410/2-3: *B*, 27 March 1936, pp.631-9: GBC: Information supplied by Graham Venner, JD Sports
74. GBC: information supplied by Carol Kenna
75. GBC: *KI*, 26 Aug 1960
76. *Evening Standard*, 16 Dec 1991: *KI*, 3 Oct 1974
77. DSR: POD: GHC photographs
78. *WJ*, April 1862, p.49: DSR: POD: Census
79. DSR: POD: *B*, 23 April 1892, p.332: Morrison, *Shops*, pp.134-5
80. *B*, 20 June 1891, p.497: DSR
81. Booth collection, A20, pp.103-7
82. Rochard, pp.31-2: Census: Sheila Andrews, 'Shopping in Woolwich' and Lillian King, 'Remembering Shopping in Woolwich', in *Shopping*, pp.22,29: Morrison, *Shops*, pp.132-143
83. GBC: NMR, Aerofilms, A253109: *KI*, 30 Oct 1964, 22 June 1972, 4 Oct 1973
84. DSR
85. DSR: POD: *B*, 26 June 1886, p.942; 11 July 1891, p.37
86. LMA, GLC/AR/BR/17/049320: *KI*, 22 April 1955, 18 Nov 1955, 30 Nov 1956, 2 Oct 1959: May Wellard, 'An Imaginary Walk around Woolwich of the Past', in *Shopping*, p.42
87. GBC
88. DSR: POD: TNA, C13/2350/13
89. *The Times*, 24 Sept 1958, p.16: GBC
90. DSR: Goad, 1907: TNA, IR58/33527/3665-9: POD: Morrison, *Shops*, p.83
91. NMR, Aerofilms, A96696: *KI*, 14 Dec 1962: GBC: GP
92. King, 'Remembering', in *Shopping*, p.28
93. LMA, GLC/AR/BR/07/691
94. GBC
95. DSR: POD
96. DSR
97. Booth, 3rd series, vol.5, p.97
98. Alexander McLeod and T. George Arnold, 'The Origin and Progress of the Royal Arsenal Co-operative Society Ltd', 1890, revised 1896: Walter T. Davis, *The History of the Royal Arsenal Co-operative Society Ltd, 1868-1918*, 1921: RACS, 'The Co-operative Way', 1958: Geoffrey Crossick, *An Artisan Elite in Victorian Society: Kentish London 1840-1880*, 1978, pp.165-73: Ron Roffey, *The Co-operative Way*, 1999: Morrison, *Shops*, pp.145-57: DSR

DRAFT

99. Davis, *History*: DSR: LCC Mins, 31 May 1892, p.503: LMA, LCC/VA/DD/R137
100. DSR: Goad, 1907: LMA, GLC/AR/BR/17/025311: *Comradeship and the Wheatsheaf*, Aug 1937, pp.vi–vii: McLeod and Arnold, ‘Origin’, p.28
101. DSR: LMA, LCC/VA/DD/R139: GHC, RACS General Committee Minutes: OS
102. GHC, RACS General Committee Minutes (microfilm): Co-operative College Archives, L/8/4, RACS Building Committee Minutes, p.126: *Comradeship*, Sept 1902, pp.4–5, Oct 1905, pp.3–6, June 1903, pp.6–7, Oct 1903, p.7, Nov 1903, pp.1–7: *KI*, 23 Oct 1903: Davis, *History*, pp.71–2, 94–9
103. Co-operative College Archives, L/8/4, RACS Reports, May 1907, p.301
104. Davis, *History*, p.118: DSR: Co-operative College Archives, I/4/5, RACS Minutes, 18 Nov 1924, pp.224,250: GBC
105. Nairn, *London*, pp.185–6
106. *KI*, 23 Oct 1903
107. Co-operative College Archives, L/8/4, RACS Building Committee Minutes, pp.107–8: Michael Stratton, *The Terracotta Revival: Building Innovation and the Image of the Industrial City in Britain and North America*, 1993, pp.132–3
108. LMA, GLC/AR/BR/17/025311: GHC, photographs deposited by Ron Roffey: DSR: *Comradeship*, passim
109. DSR: LMA, GLC/AR/BR/17/025311: GHC, RACS General Committee Minutes, pp.33461,33742: GBC: GP
110. GHC, RACS General Committee Minutes, pp.31451,31873,33866,33867,36605: *Comradeship and the Wheatsheaf*, April 1937, p.vii; Aug 1937, pp.v–vii: RACS, ‘The Co-operative Way’, 1958, pp.23–4: GBC
111. *B*, March 1941, pp.56–60: *The Parthenon*, April 1941, pp.79–83: Morrison, *Shops*, pp.180–3
112. GHC, RACS General Committee Minutes, p.36476
113. GBC: Roffey, *Co-operative Way*
114. EH, registry file, LIST493810/1, Powis Street Estates letter of 15 Sept 2005
115. *B*, 2 Nov 2005: GP
116. LMA, 4263/01/852: John Kimbell, *An Account of the Legacies, etc, of the Parish of St Alphege, Greenwich*, 1816, pp.197,199
117. TNA, C110/111: OHS, sales particulars, Bowater Estate, 1812 (lots 61–64): GL, MS 31302/406, including deed reused as vellum cover; MS 11936/492/999122: LMA, 4263/1/856; 4263/1/858: Drake, p.150
118. TNA, C13/2350/13: CKS, U36/T1021
119. Robert Rawlinson, *Report to the General Board of Health on . . . Woolwich*, 1851, p.27
120. DSR: *KI*, 31 Oct 1930
121. WLBH Mins: MBW Mins: LMA, MBW 2485/4

DRAFT

122. DSR: *B*, 20 Oct 1888, p.294
123. WBC Mins: GHC, Woolwich cuttings, 1894–1908, p.30
124. TNA, C13/2350/13; IR58/33527/3673: DSR: Rochard, p.52: POD: *The Times*, 10 Sept 1923, p.19
125. DSR: POD
126. DSR: TNA, IR58/335273675: POD: GBC: *KI*, 7 April 1961
127. Richard Buchanan, 'My Memories of Shopping in Woolwich', in *Shopping*, p.67: POD: DSR: GBC
128. DSR: POD
129. DSR: *WJ*, May 1847, p.65: *B*, 7 Aug 1886, p.222: LMA, GLC/AR/BR/22/061661
130. DSR: POD: Morrison, *Shops*, pp.219–28
131. Rochard, p.56: POD: DSR
132. GBC: GHC drawings
133. DSR: Goad, 1907: GHC, Vincent cuttings, vol.4, p.121: POD: GBC
134. NMR, Newbery Collection: DSR: POD: LMA, GLC/AR/BR/17/073481: WBCDC Mins: *KI*, 7 June 1963: Morrison, *Shops*, pp.241–9
135. Rochard, p.49: POD: Jefferson, p.19
136. DSR: POD
137. GBC
138. DSR: POD
139. Fletcher, 'Memories' and King, 'Remembering', in *Shopping*, pp.17,29
140. GBC: *KI*, 30 Sept 1960 and 14 April 1961
141. TNA, HO185/238, 'Report of Drinking Conditions Among Women and Girls in Woolwich and District': DSR: POD
142. DSR: RB: Goad, 1907: GBC
143. DSR: RB: Goad, 1907: GBC
144. GHC, Cutler MSS
145. TNA, WO55/2498
146. NMR, Plans Room, 17/10, plan of 1828: TNA, MFQ1/1267; MPHH1/136; MR1/968; WO44/289; WORK43/159: LT: RB: Vincent, pp.63–4
147. TNA, WO44/292; WO44/296
148. Ralph Burnett, 'Beresford Square Market', *WASP*, vol.39, 1988, pp.16–17: GHC, M+P348: WLBH Mins: DSR: Vincent, pp.48–51: Jefferson, pp.67–73: Sarah Wise, *The Blackest Streets: the life and death of a Victorian slum*, 2008, p.155
149. 'This England is so Different . . .': *Italo Svevo's London Writings*, eds John Gatt-Rutter and Brian Moloney, 2003, p.76
150. GHC, Vincent cuttings, vol.2, p.61
151. WLBH Mins

DRAFT

152. Thomas Burke, *The Outer Circle – Rambles in Remote London*, 1921, p.46: GHC, Vincent cuttings, vol.6, pp.117-8; Jefferson, pp.66,197
153. DSR: GHC, Woolwich cuttings, 1894–1908, p.88; Jefferson, pp.71–2; *KI*, 14 May 1965; Andrews, ‘Shopping’ and King, ‘Remembering’, in *Shopping*, pp.22,27; Alec Forshaw, *Markets of London*, 1983, p.37
154. *KI*, 22 June and 6 July 1962
155. WBCDC Mins: LBG Mins: *Eltham and Kentish Times*, 5 Dec 1969, 11 Aug 1972
156. GHC, NTT/1/1, 24 Sept 1791 and 22 Feb 1794: WLBH Mins: Vincent, p.64
157. TNA, MPH1/236; 1/562: GHC cuttings: LT: RB: Vincent, pp.213–15:
information supplied by John Earl
158. RB: DSR: POD: LMA, GLC/AR/BR/22/044959: V&A Archives, Matcham drawings, THM/2/59
159. DSR: MBW Mins: *B*, 27 July 1889, p.50: GHC, drawing by Llwyd Roberts, 1933
160. Booth collection, B371, p.149
161. DSR: POD: LMA, GLC/AR/BR/07/1931: TNA, BT31/20368/119211:
information supplied by John Earl
162. GBC: WBCDC Mins
163. *KI*, 19 Feb 1965: TNA, MPH1/562; WO44/289; WO44/292; WORK43/159: LT: RB: CKS, U36/T1020; U36/T1025
164. LT: RB: Hogg, pp.473,1140: Vincent, p.156: *ODNB*, sub Robe
165. RB: DSR: POD: MBW Mins: *B*, 29 Aug 1885, p.312: GHC, Jack Vaughan Collection, drawings, 1956
166. DSR: LT: RB: MBW Mins: POD: Goad, 1907: *KI*, 15 Sept 1905: Jeans, *Thomas & Edge*, p.29
167. POD: DSR: *B*, 6 June 1885, p.819: Rochard, pp.35-6
168. DSR: *B*, 26 June 1886, p.942: BESP: TNA, IR58/33522/3144-8
169. DSR: NMR, BESP: OS: POD
170. DSR: POD: BESP: NMR, Bedford-Lemere photos 21499–500: Goad, 1907: TNA, IR58/33522/3152: Census: GHC, Jack Vaughan Collection, drawing, 1954: Vincent, pp.63-4
171. GHC, NTT/1/1, 25 Sept 1790: TNA, MPH1/562
172. TNA, MPH1/66/5,6; WO47/2570, p.135; WO47/2651; WO47/2655; WO55/762: BL, Add. MS 31331, f.138: Baker, pp.65,74; Hogg, pp.1319–27: Vincent, pp.175–6,181: Goad, 1907
173. WBC Mins: DSR
174. J. S. Allen, ‘A short history of “Lamella” roof construction’, *Transactions of the Newcomen Society*, vol.71, 1999–2000, pp.1–29
175. Andrews, ‘Shopping’, in *Shopping*, p.22
176. *BD*, 10 July 2009

DRAFT

177. TNA, WO44/291: DSR: BEAT
178. BEAT: DSR: LMA, Acc/2305/01/971/1-7: *KI*, 26 July 1890: F. C. Elliston-Erwood, 'The Turnpike Roads between Woolwich and Greenwich', *WASP*, vol.30, 1953, p.2: Vincent, pp.386-7
179. GBC
180. BESP, lot 15: DSR: Goad: *Fifty Years History of the Woolwich Labour Party, 1903-1953*, ed. R. B. Stucke, 1953, p.30: POD: *KI*, 26 Jan 1978
181. BESP, lot 30: DSR: POD
182. CKS, Q/RUM 129: TNA, WO47/2575, p.776: Gosset: Vincent, p.545
183. MBW Mins: DSR: *B*, 29 Aug 1885, p.312: BEAT: BESP, lots 16-21
184. Doull: RB: DSR: Gosset: OS: *B*, 7 July 1860, p.440: POD: Vincent, p.441
185. *B*, 22 June 1861, p.436: BESP, lot 106
186. CKS, Q/RUM 129: TNA, RAIL635/3,22,24,335: Gosset: R. W. Kidner, *The North Kent Line*, 1977, p.5
187. GHC, Vincent Cuttings, vol.6, p.94: OS: Vic Mitchell and Keith Smith, *London Suburban Railways: Charing Cross to Dartford*, 1990
188. *The Independent*, 14 July 1993: *Architectural Review*, vol.194, no.1165, March 1994, pp.46-9
189. Michael Craig-Martin, quoted in *The Times*, 6 Jan 2009: GP: DLR publicity leaflets, 2009
190. *AJ*, 23 Nov 2010:
www.tfl.gov.uk/static/corporate/media/newscentre/archive/12313: GP
191. DSR: RB: *B*, 17 Aug 1861, p. 572: BESP: BL, Add. MS 31331, f.131: GHC, Vincent cuttings, vol.3, p.34; vol.4, p.139: Rochard, p.33: Vincent, pp.188-9
192. WBC Mins: LCC Mins: *KI*, 24 Feb 1928: GHC, Vincent cuttings, vol.4, p.73a, print 997b
193. *Kentish Times*, 12 Feb 1965: *KI*, 1 Nov 1963: WBCDC Mins
194. LBG Mins: *KI*, 25 Nov 1966, 18 April 1973, 27 Sept 1973, 20 June 1974, 16 Dec 1976, 15 March 1979, 7 June 1979, 10 July 1980: *BD*, 14 Oct 1983, p. 56: GHC, Jack Vaughan Collection: Barclays' Archives, photographs 1023/322: Julian Watson, *Woolwich Reviewed*, 1986, p.20
195. *B*, 19 Aug 2008
196. Barclay's Group Archives, 1023/1209-11; 1023/1332: *KI*, 9 Feb 1934, 17 May 1935: Brooks, *Woolwich Equitable*, pp.141-8,185-191: Berry Ritchie, *We're with the Woolwich, 1847-1997*, 1997, pp.70-3
197. *B*, 23 Feb 1934, pp.329-31; 31 May 1935, pp.1021-8: Barclay's Group Archives photographs, 1023/368-9,1024,1383,1386
198. Barclay's Group Archives 1023/1332: GP

DRAFT

199. LMA, GLC/AR/BR/11/CRO/1241; LCC/MIN/10,980: TNA, BT31/2514/12984: BEAT: BESP, lot 98: DSR: B, 10 July 1880, p.64: BN, 5 and 19 Nov 1880, pp.545, 588: KI, 18 and 25 Aug 1950: GHC, Vincent Cuttings, vol.5, p.74A; vol.6, p.95: Vincent, pp.446–8
200. WBCDC Mins: KI, 7 May 1965, p.1, 11 Jan 1973, 22 June 1978: LBG Mins: GHC, proposal by Centros Properties, 1986: information supplied by Carol Kenna
201. LCC Mins: LMA, GLC/AR/DA/2: A. Stuart Gray, *Edwardian Architecture: A Biographical Dictionary*, 1985, pp.206–7: T. C. Barker and Michael Robbins, *A History of London Transport*, vol.2, 1974, pp.91–5,100–1
202. LCC Mins: LMA, LCC/MIN/6934, 6936–9; LCC/PP/HIG/39, 48, 76: DSR: *Surveyor and Municipal Engineer*, 2 June 1911, pp.804–5: John Hall Rider, ‘The Electrical System of the London County Council Tramways’, *Journal of the Institution of Electrical Engineers*, vol.43, 1909, pp.272–93
203. WBCDC Mins: LBG Mins
204. GHC folder: KI, 10 May 1973, 23 and 30 Jan and 29 May 1975, 28 Oct 1976; *Eltham Times*, 12 July 1973
205. GHC folder: KI, 10 July 1980: Theatres Trust Friends Newsletter, March 1991, p.8
206. DSR: POD: TNA, MPH1/562; C13/2350/13
207. TNA, C13/2350/13: POD: GHC, Vincent cuttings, vol.3, p.21: DSR: CKS, U36/T460
208. WBCDC Mins: GBC: KI, 1 Sept 1962, 3 April 1964: LMA, GLC/AR/BR/26/WO/0715/1/BA
209. GP
210. KI, 14 Jan 1971

CHAPTER V

Wellington Street Area

1. WLBH Mins
2. TNA, MPH1/562; C13/2350/13
3. Barker: TNA, MPH1/562; PROB11/2008: LT: RB: CKS, Q/RUM/129: Woolwich Churchyard Monumental Inscriptions, as transcribed in 1893, at www.kentarchaeology.org.uk/Research/Libr/MIsWoolwich/MIsWoolwichIntro.htm: Hogg, pp.387,400,473,1103,1111,1134: Allan Brodie, ‘Abraham Tovey (1687–1759): matross, master gunner and mastermind of Scilly’s defences’, *Georgian Group Journal*, vol.19, 2011, pp.50–65: ODNB, *sub* Campion, Hadden and Sandby

DRAFT

4. LMA, MBW2485/1: RB: DSR: POD
5. DSR: TNA, IR58/33535/4434–5: NMR, PSA photographs G/9488/11: Rochard, p.27: Goad, 1908: POD
6. TNA, WO47/97, pp.285–6: Thomas W. J. Connolly, *The History of the Corps of Royal Sappers and Miners*, vol.1, 1855, pp.2,94,179: Whitworth Porter, *History of the Corps of Royal Engineers*, vol.2, 1889, pp.132–151: *A Short History of the Corps of Royal Engineers*, 2006, pp.6–20
7. TNA, MPHH1/180: MPH1/262/1–2; WO55/756: PP 1810–11 (261) iv.305, *The fifteenth report of the Commissioners of Military Enquiry*, p.355: NMR, PSA photographs, G/9488
8. Connolly, *Sappers and Miners*, vol.1, pp.19,321; vol.2, pp.5–6
9. *WJ*, 1 Jan 1856, p.9
10. *WJ*, 1 Dec 1855, p.185; 1 Feb 1856, p.25: TNA, WORK43/1314; MPH1/1188: *A Short History of the Corps of Royal Engineers*, 2006, pp.20–24: Vincent, pp.54–5,442–3
11. PP 1810–11, p.355: TNA, MPHH1/180; MR1/1244/1; MR1/189; WO47/2582, p.255; WO47/2588, p.87; WO47/2592, p.4216; WO55/756; WO55/759; WO55/2355: Henry George Farmer, ‘A Turkish Officer’s Tomb at Woolwich’, *Oriens*, vol.8, no.1, 30 Oct 1955, pp.94–5
12. TNA, MR1/1244/2; SUPP5/60: *WJ*, 1 Oct 1856, p.153: *B*, 22 Nov 1856, p.638: *The Times*, 21 Jan 1862, p.10; 8 July 1884, p.8: Myna Trustram, *Women of the regiment: Marriage and the Victorian army*, 1984, p.111: Vincent, pp.55,442
13. TNA, WO32/15486: NMR, reference collection and PSA photographs, 1961 and 1963: EHLO, photographs, 1962: WBCDC Mins: *Evening Standard*, 13 April 1962
14. TNA, C13/2350/13: POD: DSR: *The Times*, 10 Jan 1831, p.5: *WJ*, Nov 1853, p.161
15. OHS, bill of sale, 1824: 47 Geo III, c.111: 48 Geo III, c.146: TNA, C13/2350/13: LMA, ACC/2305/1/986/6: Vincent, pp.48–50
16. 49 Geo III, c.128: RB: TNA, C13/2350/13; MPH1/40; MR1/1381; WO44/289: RB: POD
17. TNA, WO44/292; IR58/33536/4580–7: Doull: Tithe: CKS, Q/RUM/129: RB: DSR: MBW Mins: Census: POD: Rochard, pp.28,37
18. Doull: RB: DSR: Census: POD: TNA, IR58/33537/4609: *WJ*, Jan 1846, p.2: Richard Ruegg, *Summer’s Evening Rambles Round Woolwich*, 1847, p.18: *Annual Register of 1853*, 1854, p.221: Darrell Spurgeon, *Discover Woolwich and its Environs*, 1996, p.16
19. RB: TNA, C13/2350/13: Tithe: CKS, Q/RUM/129
20. RB: Census
21. Doull: TNA, C54/14577/1; IR58/33536/4520: DSR

DRAFT

22. WV Mins: BL, 578.m.15: GHC, WTC Accounts, p.468: Hogg, pp.1197,1207: Vincent, pp.69,75
23. BL, 578.m.15, cutting Oct 1840
24. BL, 578.m.15, cuttings 1841–2: GHC, WTC Mins; WTC Accounts, pp.485,495
25. WLBH Mins: *B*, 25 April and 13 June 1874, pp.357,509
26. WLBH Mins: Vincent, pp.763-4
27. WLBH Mins: LMA, GLC/AR/BR/19/381: DSR: *B*, 23 April 1892, p.332
28. Jefferson, p.46
29. DSR: GBC: TNA, MH66/404–5: Lara V. Marks, *Metropolitan Maternity: maternal and infant welfare services in early twentieth century London*, 1996, *passim*: Jefferson, p.208
30. GHC, Woolwich Public Baths souvenir pamphlet, 1894: WLBH Mins: DSR
31. WLBH Mins
32. WLBH Mins: DSR
33. GHC, Woolwich Public Baths souvenir pamphlet, 1894: DSR: GBC
34. GHC, Woolwich Public Baths souvenir pamphlet, 1894: DSR: TNA, MH66/404: GBC
35. DSR: LMA, GLC/AR/BR/7/783: GBC
36. GBC
37. WLBH Mins: Freda E. Mayes, 'Local Government in Woolwich', *WASP*, vol.31, 1957, p.36
38. WLBH Mins: TNA, MH12/5412: DSR: GHC cuttings, *Woolwich Gazette*, 9 Nov 1901: Herbert Jeans, *Modern Construction: being some notes on the works of Thomas & Edge, Woolwich*, 1928, pp.25,28
39. GHC cuttings, *Woolwich Gazette*, 9 Nov 1901: TNA, MH12/5412
40. DSR: *KI*, 24 Oct 1913; 7 Oct 1927: GBC
41. WLBH Mins, 1 April 1894: GHC, Minutes of the Plumstead Commissioners for Public Libraries 1898–1900; Metropolitan Borough of Woolwich, First Annual Report, 1901, pp.50–2, Second Annual Report, 1901–2, pp.39–42, & Third Annual Report, 1902–3, pp.30–1; Vincent cuttings, vol.7, p.87
42. WBC Mins, 6 March 1902
43. Paul Larmour, *Belfast City Hall: An Architectural History*, 2010, pp.156–7
44. WBC Mins, 27 March & 24 April 1902
45. GHC, WBC Mins; Minutes of Municipal Buildings Committee (Special Committees Minute Book), 1 July 1903; Metropolitan Borough of Woolwich, Third Annual Report, 1902–3, pp.30–1: *B*, 23 May 1903, p.543: *London Argus*, 2 April 1904, p.7
46. GHC, WBC, Minutes of Municipal Buildings Committee (Special Committees Minute Book), *passim*

DRAFT

47. Ibid.
48. *KI*, 19 Jan 1906
49. Jefferson, pp.61–2
50. *The Town Hall of the Metropolitan Borough of Woolwich: An Account of the Design and Erection of the Building*, 1906, p.31: GHC, WBC, Minutes of Municipal Buildings Committee (Special Committees Minute Book), 1905–7: *The Times*, 15 Jan 1906, p.6E: *BN*, 19 Jan 1906, p.87: *B*, 20 Jan 1906, pp.72–3: *The Architect*, 9 Feb 1906, p.96; 6, 13 & 20 April 1906, pp.225–6,240,256: TNA, COPY1/493/548–51
51. Alastair Service, *Edwardian Architecture*, 1977, p.142
52. GHC, souvenir pamphlet, 7 Dec 1905
53. GHC, WBC, Minutes of Municipal Buildings Committee (Special Committees Minute Book), 10 Dec 1903
54. Ibid., 25 March & 27 May 1904: *BN*, 19 Jan 1906, p.87
55. *The Town Hall of the Metropolitan Borough of Woolwich: An Account of the Design and Erection of the Building*, 1906, p.26
56. GHC, WBC, Minutes of Municipal Buildings Committee (Special Committees Minute Book), 19 Nov 1904, 7 Jan, 2 & 20 May, 17 June 1905: W. T. Vincent, 'The Historical Windows in Woolwich Town Hall', *WASP*, vol.11, 1906, pp.39–62
57. DSR: Jefferson, p.206
58. TNA, MEPO5/12; MEPO14/44: 2 & 3 Vic, c.47 and c.71: Vincent, p.71
59. TNA, HO45/710; MEPO14/44: Goad, 1908: Susie Barson, 'The Evolution of Metropolitan Police Stations in the 19th Century', MSc Dissertation, University College London, 1986: Clare Graham, *Ordering Law: the architectural and social history of the English law court to 1914*, 2003, pp.177–80
60. NMR, Allan Brodie, Gary Winter and Stephen Porter, 'The Law Court 1800–2000: developments in form and function', unpublished report, 2001, pp.132–3: Graham, *Law*, pp.182–3
61. TNA, MEPO14/44; MEPO9/190; IR58/33536/4546: Goad, 1908: *Woolwich Gazette*, 10 Aug 1910: *KI*, 12 Aug 1910
62. *PP* 1912–13 (111) LXIX.597, *Metropolitan Police. 1911–12. Accounts, etc.*, p.7: Graham, *Law*, pp.185–90,407
63. GHC, Central Health Centre opening pamphlet, 1939: DSR: GBC: Marks, *Maternity*: Jefferson, p.208
64. TNA, MH66/404; DSR: GHC, WBC drawings
65. WBC Mins: NMR, aerial photographs
66. GBC
67. As quoted in Michael Locke, *Tradition and control in the making of a polytechnic: Woolwich Polytechnic 1890–1970*, 1978, p.11

DRAFT

68. *BN*, 27 Dec 1889, p.868: UGA, Governing Body Minutes, vol.1, 1894–6, 19 Nov 1891; legal documents collection, lease of 1882: DSR: POD: Collin Brooks, *An Educational Adventure: A History of the Woolwich Polytechnic*, 1955, pp.19,28,32
69. *KI*, 18 Feb 1971
70. DSR: Brooks, *Polytechnic*, p.29: *Woolwich Polytechnic Magazine*, vol.1, Jan 1915, p.21: GBC
71. UGA, Woolwich Polytechnic documents file, memorandum of agreement, 1898: DSR: TNA, ED/29/113
72. *Woolwich Herald*, 12 Oct 1894: Thomas Hinde, *An Illustrated History of the University of Greenwich*, 1996, pp.22-3: Locke, *Polytechnic*, p.21
73. UGA, pamphlet 'Letter to the Buildings Committee March 1903', appendix D; Governing Body Minutes, vol.3, 25 March 1901: LMA, LCC Technical Education Board Minutes: TNA, ED/29/113: DSR
74. DSR: LCC, Education Committee Minutes and Technical Education Board Minutes: GHC, 'Woolwich Polytechnic: Ceremonial Opening of the New Extension', 1936, p.10: Brooks, *Polytechnic*, p.55: POD
75. DSR: UGA, Governing Body Minutes: GHC, *Woolwich Polytechnic Magazine*, vol.1, Jan 1916, pp.18–19
76. UGA, Building Committee report, 25 Nov 1912; Governing Body Minutes, vol.5, 1911–16; 'Entrance to New Buildings, Woolwich Polytechnic, William Street', 1917: DSR: TNA, ED168/948: GHC, 'Woolwich Polytechnic. Formal Opening of the Extended Building', 1917: Brooks, *Polytechnic*, pp.86,91
77. Brooks, *Polytechnic*, p.89
78. LMA, LCC/EO/HFE/5/167–8: TNA, ED90/170: Brooks, *Polytechnic*, p.105
79. TNA, ED90/170; ED90/447; ED168/948: LMA, LCC/AR/SCH/153; LCC/EO/HFE/5/169: UGA, Principal's Reports and Committee Minutes, 1933–4: GHC, 'Ceremonial opening of the New Extension', 14 Feb 1936: DSR: Brooks, *Polytechnic*, pp.115–16
80. TNA, ED90/447; ED114/1265; ED168/948: LMA, LCC/EO/HFE/5/170–2: DSR: GHC, 'Woolwich Polytechnic, 1890–1950, Diamond Jubilee Celebrations', 1950: Brooks, *Polytechnic*, pp.116–17,123
81. LMA, LCC/EO/HFE/5/260,289–90; LCC/AR/TP/2/378: TNA, ED114/265; ED168/949
82. LMA, LCC/EO/HFE/5/290–1; GLC/AR/BR/13/182083: TNA, ED167/135; ED168/947–9: GHC, 'Woolwich Polytechnic 75th Anniversary Celebrations and Opening of Extensions', 27 April 1965: *Eltham and Kentish Times*, 1 Jan 1965: GBC
83. DSR: *B*, 20 Oct 1888, p.294: Rochard, pp.42,51: POD: Goad, 1908: GHC, Vincent cuttings, vol.4, p.53; vol.5, p.74

DRAFT

84. *B*, 25 April 1891, p.342; 24 Oct 1891, p.319: DSR: GHC, Vincent cuttings, vol.3, p.8: Rochard, p.35: POD
85. *The Era*, 20 Oct 1900
86. DSR: LMA, GLC/AR/BR/22/15310; LCC MIN 10,863: *Daily Graphic*, 19 Oct 1900: *Weekly Despatch*, 4 Nov 1900: GHC, cuttings; Vincent cuttings, vol.2, p.14; vol.3, p.8
87. LMA, LCC/MIN/10,818: TNA, IR58/33537/4662: V&A Archives, cuttings: Goad, 1908
88. *Greenwich Time*, 30 June 2009, p.1: LMA, GLC/AR/BR/7/380: NMR, aerial photographs: Allen Eyles, *ABC the First Name in Entertainment*, 1993, pp.47,76: information supplied by John Earl
89. GP
90. GHC, Woolwich Chamber of Commerce Review, 1958; WBCDC Mins, 1 Dec 1959: *KI*, 25 Nov 1960: POD: GBC: BBC News, 22 Aug 2011
91. GHC, WBC Register of Drainage: NMR, aerial photographs: POD
92. GHC, plans; WBCDC Mins, 1 Dec 1959
93. WLBH Mins: British Postal Museum and Archive, Minute 6469; POST30/302A: *KI*, 26 July 1890 and 21 Feb 1891: POD: Vincent, p.141: Julian Osley, *Built for Service: Post Office Architecture*, 2010, p.14
94. TNA, WORK13/634; IR58/33548/5757: *PP* 1914–16 (423) XLII.503, *Civil services and revenue departments. Appropriation accounts, 1914–15*, p.51: POD
95. WBCDC Mins: TNA, ED168/949
96. TNA, ED168/949: Locke, *Polytechnic*, p.114
97. TNA, ED168/949: LBG Mins: *Architectural Design*, June 1972, pp.346–58
98. Kenneth Powell, 'Jeremy Dixon and Edward Jones: the first 50 years', in *Jeremy Dixon and Edward Jones Buildings and Projects*, eds I. Latham and M. Swenarton, 2002, p.10: *KI*, 14 May 1970; 18 Feb 1971, p.6: UGA, 'Thames Polytechnic Ceremonial Opening of the Thomas Spencer Hall of Residence', 29 Nov 1971: NMR, photographs, John Gay, c.1972, AA070340–69
99. WBCDC Mins: NMR, PSA photographs, G/22135
100. LBG Mins: *KI*, 25 Nov 1966; 28 June 1973; 17 Oct 1974; 13 Nov 1975: *Eltham Times*, 15 Feb and 15 Nov 1973: GBC
101. GBC
102. LBG Mins
103. *BD*, 7 July 2006
104. GP: CABE Design Review, 24 May 2006: *B*, 30 April 2008: *BD*, 2 May 2008: *Property Week*, 30 May 2008

DRAFT

CHAPTER VI

St Mary's and Morris Walk Areas

1. TNA, WORK38/331; ADM106/1032/38: BL, King George III's Topographical Collection 17, item 23: CKS, U36/T1017; U36/T1025: *LN*, 18 Jan 1851, p.39: Hasted, pp.150–1
2. CKS, U36/T1016; U1254/T35: Tithe: TNA, C110/126; C13/2350/13: OHS, sales particulars, Bowater Estate, 1812: NMM, BHC1950, painting by Nicholas Pocock, 'Woolwich Dockyard', 1790: OS: DSR: LMA, MBO/PLANS/406; MBO/PLANS/606; GLC/AR/BR/22/44831: *B*, 1 June 1861, p.384: POD
3. WBCDC Mins: NMR, MD96/2651
4. TNA, C110/126: WV Mins: NMR, investigator's record cards, 1928; MD96/1936; Estate Particulars 583: BL, King George III's Topographical Collection 17, item 23: NMM, Pocock: LMA photographs: RCHM, *London*, vol.5: *East London*, 1930, p.112: information supplied by Frances Ward
5. 19 Geo III, c.52
6. OHS, sales particulars, Bowater Estate, 1812: NMR, Estate Particulars 583: NMM, Pocock: DSR: LMA, EHLO and GHC photographs
7. OHS, sales particulars, Bowater Estate, 1812: NMM, Pocock: LMA, EHLO and GHC photographs: DSR
8. St Michael and All Angels' Church vestry, deeds: OHS, sales particulars, Bowater Estate, 1812: DSR: GHC photographs
9. TNA, C110/111; C110/126; WORK43/172: DSR: Baker, pp.72–3,78: Booth collection, B371, pp.127–9: LMA, LCC/PC/COR/3/44
10. OHS, sales particulars, Bowater Estate, 1812: CKS, Q/RUM/11,13,32: TNA, J91/170: BMPD, 1862,0614.211: MBW Mins: LCC Mins
11. Baker, p.62: *B*, 7 & 21 Aug 1869, pp.635,675: TNA, WORK43/172: Vincent, p.180
12. OHS, sales particulars, Bowater Estate, 1812: CKS, Q/RUM/11,13,32: WTC Mins, 1842–3: TNA, WO55/2355: NMR, MD96/1838: EHLO photographs
13. OHS, sales particulars, Bowater Estate, 1812: CKS, U36/T1024; U36/T1025: TNA, C13/2768/29; MFQ1/1267; PROB11/1552,1639,1686,1724,1936: BL, 578.m.15: WTC Mins, 1842–3: St Michael's and All Angel's Church vestry, bundle of deeds: Booth collection, B371, p.123: LMA and GHC photographs: Neil Rhind, *Blackheath Village and Environs*, vol.2, 1983, pp.67,69
14. CKS, T36/1024: DSR: POD: MBW Mins: W. T. Vincent, *Woolwich. Guide to the Royal Arsenal etc*, c.1884, p.144: *B*, 23 April 1892, p.332: *KI*, 6 Jan 1969

DRAFT

15. Grimaldi, as quoted in Andrew McConnell Stott, *The Pantomime Life of Joseph Grimaldi: Laughter, Madness and the Story of Britain's Greatest Comedian*, 2009, p.308: EHLO, blue plaques file 647: GL, MS 8676/4, p.95: Vincent, pp.208–9
16. GHC folder
17. DSR: *WJ*, March 1852, p.48
18. *B*, 25 Jan 1862, p.68; 27 Nov 1875, p.1072: MBW Mins, 1889/2/585: EHLO photographs
19. WTC Mins, 1842–3: DSR: MBW Mins: *The Guardian*, 9 Aug 1961
20. DSR: Pat and Tony Fawcett, 'Shopping in the 1930s around Frances Street, Woolwich', in *Shopping*, pp.47–50
21. OHS, sales particulars, Bowater Estate, 1812: CKS, U36/T1023–4: TNA, WO55/2355: RB: MBW Mins: EHLO, file GRE14
22. Philip Whitbourn, Proof of Evidence, Dec 1975, t/s in EHLO, file GRE14: *KI*, 24 Jan 1974: Philip Whitbourn, 'Unity Place, Samuel Street, Woolwich', *WASP*, vol.35, 1976, pp.25–30
23. *ODNB*: Sir John Soane's Museum, 'George Scharf: From the Regency Street to the Modern Metropolis', exhibition, March–June 2009
24. *WJ*, June 1849, p.81: OS: POD
25. WTC Mins, 1842–3: BMPD, 1862,0614.204–5: DSR: EHLO photographs: *B*, 5 April 1884, p.500: LPL, ECE/7/1/41915/3
26. RB: EHLO, file GRE14: Census
27. GHC, 'Woolwich & Its Environs', 1837; LC2748, 'Sketch of the Ground between Charlton and Woolwich', c.1840: Tithe: TNA, TS32/1403: LMA, ACC/2305/1/986/4–7: Vincent, pp.59–61
28. WTC Mins, 1842–3: DSR: EHLO photographs
29. DSR: LMA, Y/SP/97/12: OS
30. Booth collection, B371, p.117: Census
31. LMA, 0/485/3: WTC Mins, 1842–3: GHC, Kidd folder: MBW Mins, 22 May 1863: DSR: TNA, J91/160, p.34: EHLO photographs
32. CKS, DRa/Ve1: 49 Geo III, c.88: Hasted, p.453: TNA, MFQ1/1267
33. LPL, ECE/7/1/73074/1, 2: TNA, C110/111: GHC, U1851/E2: NMR, MD96/284; Estate Sales Particulars, 583: POD: Vincent, pp.163–4: GHC, EHLO and LMA photographs: Booth collection, B371, p.135
34. 49 Geo III, c.88: 52 Geo III, c.97: Drake, p.163: Colvin: NMR and LMA photographs: DSR
35. DSR: WBC Mins
36. DSR: Co-operative College Archives, I/4/5, pp.10,13: *BN*, 15 Sept 1854, p.359: POD

DRAFT

37. TNA, MPHH1/180: OHS, sales particulars, Bowater Estate, 1812: CKS, T9/T15; QRPL423; U36/T74: DSR: WBCDC Mins
38. CKS, Q/RUM/32; Q/RUM/129: TNA, C13/2350/13; C54/11904/12; MFQ1/1267: WTC Mins, 1842–3: OHS, miscellaneous leases: LMA and EHLO photographs: DSR: POD: Baker, p.60: Booth collection, B371, p.133
39. OHS, leases: DSR: POD
40. TNA, C13/2360/13: RB: DSR: OHS, leases
41. 49 Geo III, c.128: TNA, C13/2350/13; MFQ1/1267; MPH1/40; MPHH1/136; WO44/289; WO55/756: DSR: MBW Mins: POD: GHC, Vincent cuttings, vol.2, pp.135–7: GP
42. DSR: POD: *Brick Builder*, Dec 1933, pp.23–6: Herbert Jeans, *Modern Construction: being some notes on the works of Thomas & Edge, Woolwich*, 1928, pp.31–2
43. DSR: OHS, leases: TNA, J91/170: WBC Mins: NMR, aerial photographs
44. LMA, N/M/42/23/1: GHC, Presentation Calendar and Blotter for 1917–18, Wesleyan Church, William Street, Woolwich: Vincent, p.189
45. John Wesley, *The Journal of John Wesley*, 2000 edn, 1 Nov 1778
46. George W. Dolbey *The Architectural Expression of Methodism*, 1964, p.177: Colvin
47. LMA, N/M/42/23/1, 27 June 1815
48. GHC, Presentation Calendar and Blotter for 1917–18
49. GHC, WSMC Woo, Box 1, Calendar & Records of Sunday School Minutes: Booth collection, B150, p.38: Olive Anderson, 'The Growth of Christian Militarism in Mid-Victorian Britain', *English Historical Review*, vol.86, no.338, Jan 1971, pp.46–72
50. EHLO, file GRE9: DSR
51. Booth collection, B150, p.38: TNA, IR58/33547/5684
52. EH file, AR/HB.6471: Robert Currie et al., *Churches and Churchgoers: Patterns of Church Growth in the British Isles since 1700*, 1977, p.40
53. <http://woolwichgurdwara.co.uk>: Information supplied by B. S. Sidhu, Secretary to Gurdwara Sahib: GP
54. LPL, ECE/7/1/16279/1–2: TNA, CRES2/402; WO44/298: Sandhurst Archives, CAYMA:WO150, letter of 2 Sept 1844: *B*, 1 June 1844, p.272; 12 Oct 1844, p.523; 2 Jan 1847, p.7: *WJ*, Dec 1844, p.41; April 1847, p.57: GHC, Vincent cuttings, vol.2, p.72
55. LPL, ECE/7/16279/2; ICBS 3057: Booth, 3rd series, vol.5, p.109
56. *B*, 27 Nov 1858, p.95; 2 April 1859, pp.229–30: *Congregational Year Book*, 1859, pp.245–6; 1860, pp.253,255: MBW Mins: GHC, Vincent cuttings, vol.5, pp.66–7: Baker, p.71: Vincent, pp.182–3

DRAFT

57. LPL, ECE/7/1/41915/3; ICBS 7668, appeal leaflet, 1873: records at St Michael's Church: *Church Times*, 21 Feb 1896
58. LPL, ECE/7/1/41915/3
59. MBW Mins, 25 Sept 1868, p.1082; 22 Jan 1869, p.102; 5 Feb 1869, p.153; 19 Feb 1869, p.242: *ILN*, 17 Oct 1868, p.375
60. LPL, ICBS 7668, July 1886: Andrew Saint, 'The Pugins in Woolwich', *True Principles: the Journal of the Pugin Society*, vol.4, no.2, 2010–11, pp.111–21
61. *B*, 24 July 1875, p.675; 20 July 1878, p.761: *BN*, 23 July 1875, p.104; 26 July 1878, p.94: DSR
62. LPL, ICBS 7668, July 1886, Nov 1889
63. LPL, ICBS 7668, Oct–Nov 1889: *KI*, 23 Nov 1889
64. Diary of Rev. Ernest Geldart, 22 July 1889, communicated by James Bettley
65. LPL, ICBS 7668; ECE 7/1/41915/3: *B*, 15 April 1899, p.371: DSR: drawings at St Michael's Church
66. LMA, DR/F/1885/6
67. Records at St Michael's Church: *Church Times*, 21 Feb 1896: diaries of Rev. Ernest Geldart, communicated by James Bettley:
www.stainedglassrecords.org/Ch.asp?ChId=8137
68. LPL, ECE/7/1/41915/3: WBCDC Mins: Information supplied by Rev. Jesse van der Valk
69. DSR
70. TNA, ED103/3/64: LPL, ECE/7/1/73074/1: LMA, Y/SP/97/15: WV Mins: *PP*, 1899 (93) LXIX.1, *Endowed charities (county of London)*, vol.2, 1899, p.871: GHC, 'Kentish Topography', views collected by Charles Kadwell, 1846, vol.2: DSR
71. DSR: *PP* 1899, p.871: GHC, Vincent cuttings, vol.1, p.84
72. NMR, aerial photographs: WBCDC Mins: GP
73. LMA, Y/SP/97/10: TNA, ED103/110/27, pp.475–91: MBW Mins, 5 Aug 1870, p.224: *B*, 18 June 1870, p.496; *The Architect*, 2 Sept 1871, p.118: DSR: *PP*, 1899, p.871
74. *KI*, 12 July 1963: LMA, GLC/AR/BR/16/WO/M/0001/A/TP: ILEA Mins: LMA photographs: GP: GBC: NMR aerial photographs
75. *The Architect*, 15 Nov 1873, p.256: LMA, Y/SP/97/9: *BN*, 22 Dec 1871, p.488: TNA, ED103/110/26; ED4/29; ED21/411; HLG111/3960: DSR: GHC, Iris Forrester, 'Educational Provision in Woolwich from 1870 to 1904', t/s, 1988, pp.39–42: Vincent, pp.174–5
76. SBL Mins, 12 Feb 1880
77. SBL Mins: *B*, 17 Dec 1881, p.776: *BN*, 10 Aug 1883, p.208: DSR: TNA, ED21/12298: London County Council, *Floor Plans of LCC Elementary Schools etc*, 1931: drawings held at the school

DRAFT

78. B, 11 Oct 1890, p.297: TNA, ED21/12298: DSR
79. TNA, ED21/12271: SBL Mins: B, 21 Nov 1891, p.396; 28 May 1892, p.427: GHC, uncatalogued drawings, 1893: DSR: TNA, ED161/13358; ED70/1712
80. Ron Ringshall, *The Urban School: buildings for education in London, 1870–1980*, 1983, p.75: GHC, painting by B. Hailstone, 1941: TNA, ED161/13358: LMA, LCC/AR/TP/2/181; photographs
81. ILEA Mins: GBC
82. GP: GBC: information supplied by Carl Cairns of Dannatt Johnson Architects: *The Times*, 28 Feb 2005
83. TNA, ED69/422: LPL, ECE/7/1/73074/2: DSR: GP
84. TNA, RAIL635/3,24,335: Vic Mitchell and Keith Smith, *London Suburban Railways: Charing Cross to Dartford*, 1990, figs 72–6
85. MBW Mins: LMA, MBW 2817/16: WLBH Mins
86. MBW Mins: DSR
87. LMA, MBW 2819/64: John B. Nadal, *London's Fire Stations*, 2006, p.97
88. LCC Mins
89. DSR: B, 24 Dec 1870, p.1036: WBC Mins
90. WLBH Mins: GL, MPGA cuttings, vol.15: LMA, DR/F/1893/14; LCC/PC/COR/3/44: DSR: TNA, MH12/5412: NMR, aerial photographs
91. LMA, H14/BMB/A3/1; H14/BMB/A9/25/1, H14/BMB/A9/34: DSR: B, 11 June 1920, p.689: NMR, BI file 101593: *KI*, 7 May 1965, 2 Feb 1978, 5 July 1984: *Kentish Times*, 28 July 1967, 20 June 1969: Egbert Morland, *Alice and the Stork: or the rise in the status of the midwife as exemplified in the life of Alice Gregory, 1867–1944*, 1951, pp.70–2: Jefferson, pp.225–6
92. LPL, ECE/7/1/73074/1–5: DSR
93. LPL, ECE/7/1/73074/4–5: WBC Mins
94. WBC Mins, 1930–65: WBCDC Mins: LCC Mins: GHC, pamphlet 352.7, 'Housing in Woolwich', 1965
95. Simon Pepper and Peter Richmond, 'Upward or outward? Politics, planning and council flats, 1919–1939', *Journal of Architecture*, vol.13, no.1, 2008, pp.53–90 (p.78)
96. Information supplied by Doreen Abbott
97. GHC, 'Fifty Years History of the Woolwich Labour Party, 1903–1953', p.62
98. Jefferson, p.400
99. LBG Mins: *The Woolwicher*, Dec 1964: *The Times*, 7 June 1974, p.36
100. *Fifty Years History of the Woolwich Labour Party, 1903–1953*, ed. R. B. Stucke, 1953, pp.71–3: *The Woolwicher*, March 1965, pp.3–4: Jefferson, pp.303,423,426
101. LCC, *Administrative County of London Development Plan 1951: Analysis*, 1951

DRAFT

102. LMA, GLC/AR/BR/16/WO/M/0001/A/TP: *Survey of London*, vol.43, 1994, pp.216–23; Percy Johnson-Marshall, *Rebuilding Cities*, 1966, pp.179,182
103. *Fifty Years History of the Woolwich Labour Party, 1903–1953*, p.62
104. WBCDC Mins
105. KI, 5 March 1954: LCC, *Housing Londoners . . . The Part Played by the London County Council 1945–1960*, 1961, p.2
106. Edinburgh University Library, PJM/LCC/E/8.2
107. Patrick Dunleavy, *The Politics of Mass Housing in Britain, 1945–1975*, 1981, p.83
108. Jefferson, p.402: KI, 16 March 1962
109. LMA, GLC/AR/BR/26/WO/H/61/BA: KI, 12 Oct 1956, 6 Feb 1959, 27 May 1960, 14 April 1961
110. *Architectural Review*, Jan 1959, pp.12–13; *B*, 30 Oct 1959, p.519, 16 Dec 1960, p.1122, 30 June 1961, p.1282; *Concrete & Constructional Engineering*, Jan 1961, p.41, Aug 1961, pp.290–1; *Surveyor and Municipal and County Engineer*, 20 May 1961, pp.654–5; *Official Architecture and Planning*, June 1961, pp.260–1; *Keystone*, Summer 1961, pp.8–11
111. GHC, pamphlet 394.4, commemorative booklet, 11 May 1961, p.5: KI, 12 May 1961
112. KI, 18 May 1962, p.8: GP
113. KI, 12 May 1967
114. KI, 3 May & 20 Dec 1963, 3 July 1964, 12 May 1967
115. KI, 29 April 1966: LBG Mins
116. LBG Mins: GHC, 'WBC post-war housing schemes' box: *Kentish Times*, 20 May 1966: GP: Miles Glendinning and Stefan Muthesius, *Tower Block*, 1994, pp.83,212,277–8; Dunleavy, *Housing*, pp.68,356
117. KI, 16 Oct 1964, 4 Dec 1964: GHC, M+P 374–80: *AJ*, 3 Sept 1969, pp.580–2: LBG Mins
118. LPL, ECE/7/1/73074/3–5: DSR
119. GHC, WBC Mins; WBCDC Mins; contracts file in box labelled 'WBC post-war housing schemes': LBG Mins
120. GP
121. WBC Mins: WBCDC Mins: LMA, GLC/MA/SC/3/774–5: Transcript of an interview with Martin Richardson, supplied by Miles Glendinning
122. Glendinning and Muthesius, *Tower Block*, p.187: LMA, LCC/MIN/7747; LCC/MIN/7753
123. LMA, LCC/MIN/774
124. Graham Harris, 'Ove Arup and Box-Frame Construction', *Journal of the Construction History Society*, vol.22, 2007, p.70: Churchill Archives Centre,

DRAFT

Churchill College, Cambridge, Arup Archive, 7/44, Ove Arup, 'Report on Multi-Storey Housing for LCC', nd, c.Oct 1952, p.21: Glendinning and Muthesius, *Tower Block*, p.188

125. LMA, LCC/MIN/7747,7753

126. J. Whittle, 'The LCC housing scheme at Woolwich', in ed. B. Campbell, *Housing from the Factory: proceedings of the conference held at Church House, London, on 4–5 October 1962 under the auspices of the Cement and Concrete Association*, 1963, p.131

127. Interview with Peter Aldington, 16 July 2008: Whittle, 'Woolwich': *AJ*, 17 Oct 1962, p.899

128. Interview with Peter Aldington, 16 July 2008

129. Whittle, 'Woolwich', p.130

130. LMA, LCC/MIN/7747, p.15

131. *Interbuild*, Oct 1962, p.37

132. Interview with Peter Aldington: *Interbuild*, Oct 1962, p.39. LMA, SC/PHL/2/834,910

133. LCC Mins: LMA, SC/PHL/2/834; LCC/AR/CON/02/9215

134. LMA, LCC/MIN/7753: Brian Finnimore, *Houses from the Factory: System Building and the Welfare State*, 1989, pp.212,216

135. LCC Mins: LMA, LCC/MIN/7751: information supplied by Elain Harwood

136. LCC Mins: GHC pamphlet, Morris Walk Steering Committee, 1986, pp.6-7: *Hansard*, 11 July 1983, 27 Feb 1985: Stephen Merret, *State Housing in Britain*, 1979, p.131

137. GHC pamphlet, Fothergill & Co., *Report to the Tenants of Morris Walk Estate on the safety and Structural Stability of the Buildings*, 1985, pp.3-12

138.

www.greenwich.gov.uk/Greenwich/News/2006/March/WoolwichResidentsToGetNewHomes

139. WBC Mins: WBCDC Mins: GHC, WBC housing schemes box; WBC Register of Drainage: EH file, AR/HB.6471/LRS/6471/0: *KI*, 29 July 1966, 2 Sept 1966: *Kentish Times*, 11 Nov 1966: Jefferson, p.412

140. GHC, LBG public housing box: GBC

141. GBC: GHC, LBG public housing box

142. WBCDC Mins: GP: GHC, aerial photographs: Electoral Roll

143. GP: Jon Broome, 'Making sustainable homes', *AJ*, 7 Nov 1966, pp.48–50: information supplied by Jon Broome and Bob Hayes

144. LMA, GLC/AR/BR/34/3987: LBG Mins: *KI*, 24 Feb 1972

145. GP

146. GP

DRAFT

147. www.homesandcommunities.co.uk/news/work-starts-site-new-greenwich-council-homes: www.lakehouse.uk.com/news/archive/2011/7/lakehouse-hands-over-phase-2-historic-new-homes-in-greenwich: GP

CHAPTER VII

Royal Artillery Barracks and Royal Military Repository Areas

1. TNA, WO55/410: Hogg, pp.302–44: Timbers, pp.28,84
2. James Douet, *British Barracks 1600–1914: their architecture and role in society*, 1998, pp.41–8
3. TNA, WO47/80, p.148; WO47/81, passim; WO47/83, p.241; WO47/84, p.239; WO55/1611/3; MPH1/277; MPH1/562: GHC, print collection; Vincent cuttings, vol.5, pp.32,60: *KI*, 24 Aug 1972: A. H. Burne, *The Royal Artillery Mess, Woolwich, and its Surroundings*, 1935, pp.7–15: Hogg, pp.338–44: Michael Gilman, ‘The Royal Artillery Barracks 1772–1803’, in Timbers, pp.30–3: *ODNB*, sub Conway
4. Colvin, p.381
5. TNA, WO47/82, pp.22,92,207,301; WO47/83, p.65
6. *ODNB*: Jane Rendall, ‘Scottish Citizens of London: Whigs, Radicals, and the French Revolution 1788–1795’, in *Scots in London in the Eighteenth Century*, ed. Stana Nenadic, 2010, pp.272–99
7. TNA, WO47/83–90, passim; MPH1/73: CKS, U1350/093/9: Hogg, pp.338–44,447–8
8. TNA, WO47/86, pp.69–70,169,275; WO47/80, p.75: GHC prints, watercolour of 1784, probably by Paul Sandby: NMM, PAF2880, view by John Charnock, n.d.
9. TNA, WO47/85, pp.205–6,240; WORK43/1570
10. CKS, U1350/93/9: TNA, WO47/87, pp.299–300; WO47/90, p.183; WO47/91, p.419; WO47/95, p.324; WO47/103, p.738: Daniel Lysons, *The Environs of London, etc*, vol.1, pt2, 1811 edn, p.595: Burne, *Mess*, pp.13–15
11. TNA, WO47/86, p.164; WO47/90, p.515; WO47/91, p.553; WO47/101, p.609; WO47/115, p.10; WO47/119, p.293; WO55/410: K. W. Maurice-Jones, ‘The Royal Artillery Canteen, Woolwich’, *Journal of the Royal Artillery*, vol.79, no.4, Oct 1952, p.262
12. TNA, WO47/2558, p.212: *PP* 1810–11 (261) iv.305, *Fifteenth Report of the Commissioners of Military Enquiry*, p.355: Royal Engineers Library, ‘Miscellaneous Returns of Royal Engineers, 1780–1839’, f.1: Denis Rollo, ‘The Formation of the Royal Horse Artillery in 1793 and the Field Batteries’, in Timbers, pp.37–9

DRAFT

13. TNA, WO47/2571, pp.1301–2; WO47/2573, pp.970,1169; WO55/1350, pp.144–5,257–8; MPHH1/180; MPHH1/244: BL, Ordnance Survey Drawing 130/386: John Rylands Library, John Pitt Papers, Eng MS 1271/6,7,13: *PP* 1810–11, p.355
14. TNA, MPHH 1/180; WO 47/2572, pp.105,260; WO 55/756, 757: Hogg, p. 500
15. John Rylands Library, Eng MS 1271/13
16. *PP* 1810–11, p.355
17. TNA, WO 55/756
18. TNA, WO47/2577, pp.446–7
19. TNA, WO47/2573, p.1526; WO47/2574, p.380; WO47/2576, pp.1904,1929,2017; WO47/2577, pp.110,479; WO47/2579, p.1446; WO47/2582, pp.41,663,788; WO47/2588, p.415; WO47/2597, p.2287; WO55/756; MPHH1/180; MPHH1/189; MPHH1/614/36
20. TNA, WO47/2593, p.4346; WO55/68; WORK43/1563–4: *PP* 1810–11, p.355: Frank Kelsall, ‘Stucco’, in *Good and Proper Materials: the fabric of London since the Great Fire*, eds Hermione Hobhouse and Ann Saunders, 1989, pp.21–4: Roscoe, p.1366: *ILN*, 25 March 1843, p.210
21. TNA, WO47/2589, p.1364; WO55/760: Sketch in an album of Wyatt drawings in the possession of Vicomte de Noailles, copy supplied by John Martin Robinson
22. Lysons, *Environs*, p.595: Henry Knell, *Guide to the British Arsenal*, 1865, p.121: Drake, p.158: CKS, U269/0193/10: TNA, WO55/760; WO55/763; WORK43/1589
23. Drake, p.158: NMR, MD96/922–3,926,928: EHLO, photographs: TNA, WO55/762; WO78/552
24. TNA, WO 44/289
25. TNA, WO55/756; WO55/759; WO55/2355: *PP* 1810–11, pp.325,367–8: William Denison, ‘Observations on Barracks, and on the Moral Condition of the Soldier’, *Corps Papers and Memoirs on Military Subjects etc*, vol.1, 1849–50, p.258: Douet, *Barracks*, pp.58–9
26. TNA, MPH1/41; WO55/2355; WORK43/1590
27. TNA, LC11/18; WO47/2578, p.632: *PP* 1810–11, p.355: Burne, *Mess*, pp.19–28,37,181–2: information supplied by John Martin Robinson and David Wilkinson: Martin Cooper, ‘The Royal Artillery Mess: the early days’ and ‘the Victorian period’, in *Timbers*, pp.42,44,70
28. TNA, WO55/760: Burne, *Mess*, pp.25–6,38–9; Cooper, ‘Mess’, p.42
29. Vincent, p.455
30. *WJ*, Aug 1845, p.169; Nov 1848, pp.168–9: TNA, WO47/2724, 26 Jan 1842; WO47/2725, 2 Sept 1842; WO47/2726, 10 March and 1 and 19 May 1843; WO47/2727, 24 Nov 1843; WO55/761–2; WORK43/590: Burne, *Mess*, pp.112–3,178–9,182–3: Alison Kelly, *Mrs Coade’s Stone*, 1990, p.309

DRAFT

31. TNA, WO44/552; WO55/760-4; WO78/552; WORK43/1561: *WJ*, Nov 1848, pp.168–9; Jan 1851, p.9: Frances Augusta Eardley-Wilmot, *Memorials of Frederick Eardley-Wilmot*, 1879, pp.95,113; Burne, *Mess*, p.233
32. Burne, *Mess*, p.117
33. *ILN*, 7 July 1855, p.21; 12 July 1856, pp.27–8; Roscoe, p.100: Rafael Cardoso Denis, 'The Brompton Barracks: War, Peace, and the Rise of Victorian Art and Design Education', *Journal of Design History*, vol.8, no.1, 1995, pp.11–25; Richard Barnes, *John Bell: The Sculptor's Life and Works*, 1999, pp.53,154–5
34. TNA, WO78/552; WORK43/1561,1565–8,1582–8: V&A drawings, E.1835–1912: RIBA Drawings Collection, PB316/18: *BN*, 10 March 1871, p.191: GHC, Vincent cuttings, vol.1, p.25: NMR, PSA photographs: Burne, *Mess*, pp.136–8,179–80
35. RAHT, RA148/2, RA Mess Committee Minutes, 15 July 1920 and 22 July 1921; *Royal Artillery Institution Leaflet*, May 1921, p.29: NMR, Plans Room 18/2; PSA photographs: *KI*, 1 Sept 1967: *B*, 28 June 1968, pp.71–4; Burne, *Mess*, p.180: O. F. G. Hogg, *The Woolwich Mess*, 1971, pp.70–2; Martin Cooper, 'The Royal Artillery Mess in the 20th Century', and Edward Ellis Jones, 'Move of the Regimental Home', in *Timbers*, pp.127–32,168–9
36. Lysons, *Environs*, p.595
37. *PP* 1810–11, p.355: TNA, WO47/2594, p.379; WO47/2600, pp.8,215,242; WO55/756; WO55/762; MPH1/190/1; MPHH1/244/2; MPHH1/1/596/1–2: *Professional Papers of the Corps of Royal Engineers*, vol.4, 1840, pp.219–20: John Grant, *A Guide to Woolwich*, 1841, p.24
38. Knell, *Arsenal*, 1865, p.120
39. TNA, WO78/552; WORK43/1569: *WJ*, 1 March 1864, p.41: *ILN*, 21 Jan 1865, pp.51–2; *B*, 14 Aug 1880, p.194; Booth collection, B150, p.41: GHC, Vincent cuttings, vol.5, pp.76,131; Vincent, pp.433–4; John Headlam, *History of the Royal Artillery*, vol.2, 1931, p.405; Burne, *Mess*, p.227; *Timbers*, pp.78–80
40. TNA, WORK43/183–6, WORK43/1573–81: LMA, GLC/AR/BR/07/1297: DSR: *B*, 23 Dec 1905, p.684: V&A Archives, cuttings: Theatres Trust database 2322: GHC, Vincent cuttings, vol.4, pp.9–10: *KI*, 1 Sept 1961: www.arthurlloyd.co.uk/RoyalArtilleryTheatreWoolwich.htm: Jefferson, pp.181,383
41. Grant, *Woolwich*, p.17: TNA, WO44/555; WO44/559; WO44/560; WO55/759; WO55/2864: Census 1841: *Timbers*, p.84
42. *WJ*, July 1846, p.105; June 1848, p.89: TNA, WO44/555; WO44/644; WO55/762; WORK43/162: NMR, MD96/925; MD96/932: Henry Hime, *History of the Royal Regiment of Artillery 1815–1853*, 1908, pp.61–81
43. TNA, MR1/1244/2; WO44/297: Census 1851: Myna Trustram, *Women of the regiment: Marriage and the Victorian army*, 1984, pp.26–37,69–72,82; Alan Ramsay

DRAFT

Skelley, *The Victorian Army at Home: The Recruitment and Terms and Conditions of the British Regular, 1859–1899*, 1977, pp.30–1

44. TNA, WO44/298; WO44/552; WO55/760–1: RAHT, *Royal Artillery Regimental News*, Feb 1928; RA Barracks, ground plan, 1932: NMR, MD96/924

45. TNA, MR1/1244/2; WO44/298; WO46/103; WO55/763; WO55/764; WO78/552/6: *WJ*, 1 March 1858, p.41: *ILN*, 9 Oct 1858, p.325: Royal Engineers' Library, Letter Books WOO/1 ER.164

46. TNA, WO33/6A, p.10

47. Peter Burroughs, 'Crime and Punishment in the British Army, 1815–1870', *English Historical Review*, vol.100, no.396, July 1985, pp.545–71 (at 548)

48. TNA, WO78/552/6; WO78/334/69; WORK43/1561: Douet, *Barracks*, pp.139–41: Trustram, *Women*, pp.116–37: Skelley, *Army*, pp.53–7

49. Booth collection, B150, pp.2–12: TNA, WO78/3546: RAHT, plan of 1932

50. TNA, WORK43/177: DSR: *The Times*, 9 June 1892; 8 May 1894: Booth collection, B150, pp.25–7: NMR, Plans Room 18/3: GHC, Vincent cuttings, vol.5, pp.74–5; WBCDC Mins

51. TNA, MPII1/79/2; WO32/11361: RAHT, RA 148/2, RA Mess Committee Minutes, 19 July 1927: K. W. Maurice-Jones, 'The Royal Artillery Canteen, Woolwich', *Journal of the Royal Artillery*, vol.80, no.1, Jan 1953, pp.16–17: NMR, Plans Room 18/2, ground plan in 1932: Timbers, pp.85,88–90,127

52. TNA, WO32/15486

53. Timbers, pp.72,110–11,142

54. TNA, WO32/15486

55. Ibid: Timbers, p.147

56. TNA, WO32/15486; WO32/16650

57. TNA, WO32/16650; WO305/135; WO305/727: NMR, Plans Room 18/2: *Kentish Times*, 21 Aug 1959

58. TNA, WO32/16650: *KI*, 1 Sept 1961, 3 May 1963: *B*, 28 June 1968, pp.71–4: NMR, Plans Room, 17/9 and 18/2; PSA photographs: Hogg, *Mess*, pp.ix,70

59. TNA, WO32/15486: NMR, PSA photographs: *KI*, 1 Sept 1967; 1 March 1968

60. Timbers, pp.160–1,164–5: Wayne Cocroft et al., *Cold War: Building for Nuclear Confrontation 1946–1989*, 2003, pp.154–5

61.

demos.constructingexcellence.org.uk/knowledgebase/main.php?ProjectID=2340:
www.mod.uk/DefenceInternet/DefenceNews/EstateAndEnvironment/WoolwichBarracksreopens

62.

www.mod.uk/DefenceInternet/MicroSite/DE/WhatWeDo/Accommodation/ProjectSingleLivingAccommodationModernisation.htm:

DRAFT

- 62.173.65.162/facilitieservices/news/pride+and+defence+estates+sign+%C2%A340Om+contract+for+south+east+regional+prime+and+celebrate+final+mobi.htm: GP: information supplied by QM Major Michael Gleeson
63. TNA, WO34/103, f.30r
64. TNA, WO47/89, pp.536–7; WO47/90, pp.49,115; WO47/91, p.409; WO47/103, p.31
65. TNA, WO47/118, p.744; WO47/119, p.576
66. TNA, MPHH1/189; WO47/2571, p.1302; WO47/2572, p.313; WO47/2582, p.141; WO55/2355
67. TNA, MFQ1/1267; MPHH1/136; WO55/756
68. OS: GL, Metropolitan Public Gardens Association, News Cuttings, vol.14, 2 May to 17 June 1892: NMR, aerial photographs: Jefferson, p.130: Timbers, pp.52–3,56
69. *WJ*, 1 Nov 1861, p.169: *Minutes of Proceedings of the Royal Artillery Institution*, vol.3, 1863, pp.227–30: Drake, p.158: Roscoe, p.101: Vincent, p.431: Burne, *Mess*, p.235: Darrell Spurgeon, *Discover Woolwich and its Environs*, 1996, p.50: Barnes, *Bell*, pp.58,159
70. GP
71. TNA, WO47/90; WO47/91, p.409; WO47/92, p.11; WO47/94, p.210; WO47/95, p.177; MPH1/277: BL, 578.m.15, cutting, 8 April 1780
72. *English Hospitals, 1660–1948*, ed. Harriet Richardson, 1998, p.87
73. John Rollo, *A short account of the Royal Artillery Hospital at Woolwich, etc*, 1801, p.17
74. TNA, MPH1/522/2; MPHH1/575: WO47/103, p.421; WO47/2565, p.1414: Rollo, *Hospital*, pp. 9–21,41,44,46
75. *PP* 1810–11, p.355: TNA, WO47/2562, pp.438,464: Rollo, *Hospital*, p.2: Neil Cantlie, *A History of the Army Medical Department*, vol.1, 1974, p.205
76. Rollo, *Hospital*, pp.63–4
77. Rollo, *Hospital*, p.19, also pp.13–23,47: TNA, MPH1/522/2; MPHH1/575: *ODNB*
78. Cantlie, *History*, p.205
79. Rollo, *Hospital*, appendix D
80. TNA, WO47/2575, p.1254; WO47/2579, p.1477; MPHH1/614/28; MPHH1/614/32
81. *PP* 1810–11, pp.355,367–8: TNA, MPH1/522/2; WO47/2587, p.4503; WO47/2591, p.2934; WO55/756; WO55/2355; WORK43/165–8: Lysons, *Environs*, pp.595–6: Drake, p.158: NMR and EHLO photographs
82. TNA, WO47/2601, p.974: WO55/756: Cantlie, *History*, pp.205–8
83. TNA, MR1/1244/2; WO55/761, WO78/4491; WORK43/165–8
84. TNA, WO33/6A, pp.13–18
85. TNA, WORK43/169–71: RAHT, survey plan, 1867–8: Vincent, pp.435–7

DRAFT

86. TNA, WO32/15486; WO32/16650: EHLO, photographs: NMR, PSA photographs, G17807, G18328: GBC: GP: www.westcombehomes.com
87. TNA, MPH1/189; MR1/1381; WORK43/170: WBCDC Mins: GHC, Vincent cuttings, vol.1, p.28: NMR, photographs
88. *WJ*, 1 March 1862, p.45
89. *ILN*, 21 Feb 1863, p.212: *BN*, 26 Dec 1862, p.499: *PP* 1862 (3041) xxxiii.507, *Report of Barrack Works Committee*, pp.137,182
90. *BN*, 18 July 1862, p.52
91. *Illustrated Times*, 7 Nov 1863, p.301
92. *B*, 3 Jan, 12 Sept and 14 Nov 1863, pp.7,661,811; 15 Dec 1866, p.913: *WJ*, 2 Nov 1863, p.169: *ILN*, 14 Nov 1863, pp.501–2: Knell, *Arsenal*, pp.115–19: Drake, p.158: Dorothy Bosomworth, 'The former Royal Artillery Garrison Church of St George, Woolwich', unpublished report for English Heritage, 2001, p.15
93. *The Architect and Contract Reporter*, 3 April 1903, p.224: TNA, WO78/3413; WORK43/197
94. RAHT, *Royal Artillery Institution Leaflet*, July 1916, p.78, May and Dec 1920, pp.36,210–11; *The Gunner*, June 1919, p.97; *Royal Artillery Regimental News*, Nov 1925, p.721: TNA, WO32/3833: *ODNB*
95. TNA, WO32/12887; WO32/20934: *B*, 5 Dec 1952, pp.830–1: RAHT, Kenneth Lindy's drawings and correspondence, 1951–2: *KI*, 30 April 1954, 12 Nov 1970
96. *Daily Telegraph*, 11 Nov 2009
97. TNA, E178/6795
98. Much of this account of the Repository area is derived from Sarah Newsome, Jonathan Millward and Wayne Cocroft, 'Repository Woods, Woolwich, Greater London: an archaeological survey of the Royal Military Repository Training Grounds', English Heritage Research Department Report 14-2009: NMM, ADM/Y/W/7: TNA, ADM106/1087/215; MPH1/235; MPH1/571: NMR, MD96/921: EHLO, photographs (BL12821-2)
99. TNA, WO47/2572, pp.325–6,333; WO 396/65: GHC, Cutler MSS for note of Treasury Solicitor's RO 2503/50: 42 Geo III, c.89
100. TNA, MPH1/180; WO44/289; WO47/2574, p.330; WO55/756; /2355: NMR, MD96/933; aerial photographs
101. RAHT, RA/20
102. TNA, WO47/81, p.391: RAHT, RA/20: Francis Duncan, *History of the Royal Regiment of Artillery*, vol.1, 1872, p.307: Hogg, pp.465–6: Timbers, pp.34–6: EHLO, Blue Plaque file 2298: Sarah Newsome and Susan Skedd, 'The Landscape Setting of the Woolwich Rotunda, 1818–1945', in 'The Woolwich Rotunda', unpublished English Heritage report, 2009, pp.103–6

DRAFT

103. TNA, MPH1/507/6; MPHH1/180; MPHH1/189/4; MPHH1/244/1/4; MPHH1/128; WO47/2573, pp.1047,1169; WO47/2575, p.631; WO47/2581, p.3230; WO55/2355; WO55/2449; WORK43/160: EHLO, C. Stratford, 'Sketch in R M Repository', c.1860: Lysons, *Environs*, p.598
104. TNA, WO47/2589, p.1364
105. TNA, MPHH1/128; MPHH1/244/1; WORK43/747: BL, Add. MS 31331, p.129: NMR, photographs: EHLO, file GRE49
106. TNA, WO47/2598, p.2508; WO49/165,169; WO55/756
107. E. W. Brayley, *The beauties of England and Wales*, vol.3, 1808, p.537
108. TNA, WO55/756
109. GHC, Cutler MSS, note of Treasury Solicitor's RO 2390/50/5: TNA, MPH1/507/3-6; MPHH1/136; MPHH1/189/4; MR1/1381; WORK43/160; WO44/642; WO55/756
110. *Gentleman's Magazine*, vol.84, no.1, Jan-June 1814, p.615
111. This account is closely derived from Emily Cole, Susan Skedd, Jonathan Clarke and Sarah Newsome, 'The Woolwich Rotunda', unpublished English Heritage report, 2009
112. Keith Raynor, 'British Army Bell Tents of the Napoleonic Period', *Napoleonic Notes and Queries*, vol.5, 1992, pp.20-8
113. TNA, WORK 19/11/5, ff.2,39
114. John Summerson, 'Introduction', in Michael Mansbridge, *John Nash: A Complete Catalogue*, 1991, p.15
115. T. F. Hunt, *Exemplars of Tudor Architecture, adapted to modern habitations*, 1830, p.97
116. *Annual Register*, 1814, pp.63-5: TNA, LC11/18; WORK43/573-6: *Diary of Joseph Farington*, ed. Kathryn Cave, vol.13, 1984, pp.4562-3
117. TNA, WORK1/9, p.42
118. TNA, WO47/2658, p.4021
119. TNA, WO44/642; WORK1/9, pp.59-62,68; WORK19/11/5, ff. 39-43
120. TNA, WO44/642, p.358
121. TNA, WO47/2658, pp.3941-2: Hogg, p.1106: *ODNB*
122. TNA, WO44/642, pp.358-88; WO47/2661, pp.1300-1; WO47/2663, pp.3348-9; WO55/2498; WORK4/23, ff.269,307; MFQ1/1274
123. Grant, *Woolwich*, p.41: *The Daily News*, 8 May 1858, p.5: Norman Gash, 'After Waterloo: British Society and the Legacy of the Napoleonic Wars', *Transactions of the Royal Historical Society*, series 5, vol.8, 1978, pp.153-5: Linda Colley, 'Whose Nation? National Consciousness in Britain, 1750-1830', *Past and Present*, vol.113, 1986, p.106: personal communication from Paul Everson, 2009

DRAFT

124. TNA, WORK43/573–6: Jonathan Clarke, ‘Cones, not Domes: John Nash and Regency structural innovation’, *Construction History*, vol.21, 2006, pp.43–63
125. Peter Nicholson, *Carpenter’s & Joiner’s Assistant*, 1797, p.66 and pl.77
126. TNA, WO44/642, pp.358–9; WO47/2658, pp.3941–2
127. TNA, MFQ1/1274; MPH1/362; WO44/642; WO47/2658, p.4021; WO47/2661, p.1989; WO55/757; WO55/2703: RAHT, photographs, c.1858
128. William Congreve, *Detail of the Different Models, Arms, Trophies and Military Machines of every description contained in the Rotunda and the Grounds of the Royal Military Repository at Woolwich*, 1822, pp.1–2
129. Charles Dupin, *View of the History and Actual State of the military force of Great Britain*, vol.1, 1822, p.109
130. *Saturday Magazine*, 22 Dec 1838, p.234
131. *WJ*, Aug 1848, p.120
132. TNA, WO49/151
133. TNA, MFQ1/1274; MPH1/65/4; MPH1/362; MR1/1244/2; WO49/161; WO55/2703; WORK43/160: Sandhurst Archives, CAYMA: WO150/1/162, letter of 28 March 1836: *B*, 19 April 1856, p.211: *PP* 1859 Session 1 (63 and 193) xiv.429 and 585, *Revised army estimates*, 1859–60: BMPD, 1862,0614.713: Grant, *Woolwich*, p.41: Anon., *Summer Excursions in the County of Kent*, 1847, p.124
134. *WJ*, June and July 1845, pp.136,153: *The Times*, 11 June 1912, p.14: GHC, Vincent cuttings, vol.2, pp.32,99d: *ODNB*: Roscoe, p.1035: Burne, *Mess*, p.239: *Timbers*, pp. 54–5,171
135. TNA, WO33/9, p.238; WO33/10, f.390; WO33/13, f.364; WO55/3034; WORK43/577: *ILN*, 23 Nov 1861, p.513: J. H. Lefroy, *Official Catalogue of the Museum of Artillery in the Rotunda*, 1864: *Records of the Royal Military Academy, 1741–1892*, 1895, pp.143–4: Vincent, p.414
136. TNA, WORK43/178–82: *Engineering*, 22 April 1938, pp. 459–60: C. B. Daish, ‘A Short History of the Royal Military College of Science, 1864–1964’, *Journal of the Royal Military College of Science*, vol.4, no.1, October 1964, pp.9–13: John Peters, ‘Civilian Memories’, in *Timbers*, p.115
137. NMR, aerial photographs: WBCDC Mins
138. Burne, *Mess*, pp.238–9
139. TNA, WO32/15486: J. P. Kaestlin, *Catalogue of the Museum of Artillery in the Rotunda at Woolwich*, 1963, pp.iv–xiii
140. TNA, WO32/16650: *Kentish Times*, 7 Aug 1964, p.108: NMR, PSA photographs: Basil Hughes, ‘The Museum of Artillery in the Rotunda at Woolwich’, *Museums Journal*, vol.74, no.4, March 1975, p.177: R. St G. G. Bartelot, ‘A Concise History of the Rotunda Museum (1778–1978)’, *Journal of the Royal Artillery*, vol.105, no.2, Sept

DRAFT

- 1978, pp.104–14: Mark Smith, ‘The Royal Artillery Museum 1778–2008,’ in Timbers, pp.120–3
141. TNA, WO32/15486: Timbers, pp.36,160
142. GP: *BD*, 29 June 2010: *AJ*, 30 June 2010
143. TNA, MR1/1244/2; WO49/151; WO55/762; WO55/2703; WO55/2864; WO78/520: NMR, MD96/924: Richard Ruegg, *Summer’s Evening Rambles Round Woolwich*, 1847, p.20: RAHT, map, 1866: *BN*, 19 Sept 1862, p.227: GHC postcards: Timbers, p.47: Herbert Jeans, *Modern Construction: being some notes on the works of Thomas & Edge, Woolwich*, 1928, pp.3,6
144. Eardley-Wilmot, *Memorials*, p.127
145. John Ruskin, ‘The Future of England’, in *The Crown of Wild Olive: Four Lectures on Industry and War*, 1886, p.178
146. TNA, WO49/163; WO55/764; WO55/1611/3; WO55/2864: *WJ*, Jan 1847, p.9: BL, Add. MS 32375, f.102: Eardley-Wilmot, *Memorials*, pp.17–58, 113: Francis Duncan, *History of the Royal Regiment of Artillery*, vol.2, 1872, pp.465–9: RAHT, *Royal Artillery Regimental News*, July 1926: Drake, p.158: Burne, *Mess*, p.226: M. J. N. Richards, ‘The Royal Artillery Institution’, in Timbers, pp.58–61
147. H. A. Allison, ‘Woolwich. “reminiscences of the town & garrison in the fifties”’, *WASP*, vol.7, 1902, p.95
148. TNA, MR1/1381; WO44/567; WO46/100; WO55/762; WO55/764: *ILN*, 15 Jan 1859, pp.49–50,57: Vincent, pp.439–40: EHLO, file GRE17: Trustram, *Women*, pp.93–104: Skelley, *Army*, pp.101–11
149. TNA, MR1/1244/2; WO46/103; WO78/520: NMR, PSA photographs (G22939): EHLO, file GRE17
150. NMR, Plans Room 17/9: Timbers, p.60: GBC
151. Vincent, pp.395–6: Hogg, pp.756–60: Timbers, p.60
152. GHC, Vincent cuttings, vol.6, pp.4–5: www.roll-of-honour.com/Kent/images/WoolwichRAOCSAUnveiling.jpg&imgrefurl
153. *Kelly’s Post Office Directory: Kent*, 1891, p.684
154. OS: NMR, aerial photographs
155. GP

CHAPTER VIII

Cardwell and Woodhill Areas

DRAFT

1. TNA, WO55/756; WORK38/331; WORK43/158: Robert Morden, 'Map of Kent', 1695: NMM, ADM/Y/W/7: *Miscellanea Genealogica et Heraldica*, ed. J. J. Howard, new series, vol.2, 1877, pp.177–82
2. TNA, C13/943/19: OHS, sales particulars of Bowater Estate, 1812: Hasted, p.449
3. *The Times*, 22 May 1802, p.4: CKS, Q/RUM/11: Tithe: TNA, C13/962/34; TS4/28, p.539; TS4/29, pp.3–4: POD: 48 Geo III, c.146: Vincent, pp.20,67,132
4. TNA, ADM106/1079/212; ADM106/1087/215–16; ADM354/147/190; MPH1/41; MPH1/562; MPH1/189; MPH1/244/1; WO44/293; WO44/297; WO47/2589, pp.1698,2405; WO49/151; WO49/165; WO49/169; WO55/756; WO55/1611/3: GHC, Cutler MSS, notes from former Treasury Solicitor's RO 130/51: 44 Geo III, c.79: *PP* 1862 (305), xxxii.577, 'Return of the names of all military stations etc', pp.4–5: NMR, Plans Room 17/12: *ODNB*: Vincent, p.776
5. 49 Geo III, c.128: TNA, C110/111; MFQ1/1267; MPH1/40; MPH1/136; MPH1/180; MPH1/189; MR/1381; WO47/2577, p.394; WO47/2601, p.1236; WO55/756: CKS, Q/RUM/13: RB: 43 Geo III, c.35; 49 Geo III, c.128: F. C. Elliston-Erwood, 'The Turnpike Roads between Woolwich and Greenwich', *WASP*, vol.30, 1953, pp.13–17
6. TNA, WO55/756: 43 Geo III, c.35: OHS, sales particulars of Bowater Estate, 1812
7. GHC, Cutler MSS and C. B. Mears, 'Rush Grove House' typescript, 1992, with plan of 1813 formerly in the Treasury Solicitor's RO: TNA, TS4/28, pp.292,334–9,528,539; WO32/20933; WO55/2703; ADM140/1160–1,1169; PROB31/1084/120: CKS, Q/RUM/11: Doull: *BDCE*, vol.2, p.83: Gosset: OS
8. CKS, T9/T15; DRb/R/m/56: Booth collection, B150, pp.8,11–12: *Methodist Recorder*, 5 Nov 1908, p.9: POD: GHC, Rudd folder: Vincent, pp.190–1
9. Booth collection, B371, pp.137–9: DSR: Census 1851: Alan Ramsay Skelley, *The Victorian Army at Home: The Recruitment and Terms and Conditions of the British Regular, 1859–1899*, 1977, pp.30–1: Myna Trustram, *Women of the regiment: Marriage and the Victorian army*, 1984, pp.30–7,69–78: LMA, ACC/2305/PH/029/36; LCC/MIN/7326/C19: Gosset: Robert Rawlinson, *Report to the General Board of Health on a preliminary inquiry into the sewerage, drainage, and supply of water, and the sanitary condition of the inhabitants of the parish of Woolwich, in the County of Kent*, 1851, p.37: GHC, William R. Smith, Medical Officer of Health, *Report on the health, sanitary condition, etc, of the district of Woolwich*, 1899, p.49
10. TNA, ADM140/1156–9,1167,1169: WO32/20933; WO78/3378; WORK43/158; WORK43/172: BL, 578.m.15; Add. MS 9456, f.593: *B*, 25 Sept 1858, pp.642–3: LMA photograph, Bedford Lemere 13460, 1952: Daniel Lysons, *The Environs of London, etc*, vol.1, pt.2 (2nd edn), 1811, p.598: Vincent, p.398
11. TNA, CRES 2/402; WO32/20933

DRAFT

12. *B*, 24 Feb 1844, p.92; 21 March 1846, p.138; 2 Jan 1847, p.7: *ILN*, 2 July 1842, p.117; 11 Nov 1843, p.307; 21 March 1846, p.196; 22 Jan 1848, p.34: *ODNB*: POD
13. William Denison, 'Observations on Barracks, and on the Moral Condition of the Soldier', *Corps Papers and Memoirs on Military Subjects etc*, vol.1, 1849–50, pp.247–61: TNA, ADM140/1160–1; WO78/3378; WORK43/173–4: James Douet, *British Barracks: their architecture and role in society*, 1998, pp.120–3
14. *ILN*, 22 Jan 1848, p.34: TNA, ADM140/1160; WO78/3378; WORK43/163–4,175: LMA, photographs
15. TNA, ADM140/1162–3: *Daily News*, 17–18 March 1875: GHC, M+P 371: Vincent, pp.398–9
16. TNA, WO305/727: NMR, aerial photographs: GBC
17. Vincent, p.399
18. TNA, TS4/28, p.539; TS4/29, pp.3–4; ADM140/1160–1; ADM140/1164; ADM140/1169: *ILN*, 12 July 1856, p.26: *B*, 3 April 1858, p.238; 11 Sept 1858, p.609; 25 Sept 1858, pp.641–3; 25 Feb 1860, pp.113–14: *English Hospitals, 1660–1948*, ed. Harriet Richardson, 1998, pp.6–8,85–6: NMR, BI file 100721; photographs: LMA, photographs: EHLO, file GRE10
19. GHC, 'A Short History of Red Barracks', 1967; M+P 371–3: TNA, WO32/15486: Vincent, p.399: *Engineering*, 22 April 1938, pp.459–60: Timbers, pp.76–7
20. EHLO, file GRE10: *KI*, 4 Dec 1973, 26 Feb 1975: *Eltham Times*, 29 Aug 1974
21. GHC, M+P 371
22. TNA, C171/28; C171/53; C13/1507/21: LMA, E/MW/C/1179/1,4; E/MW/C/1180/1; E/MW/C/1198/1; E/MW/C/1580/1: *PP* 1810–11 (261) IV.305, *The fifteenth report of the Commissioners of Military Enquiry*, pp.328,374: Sarah Palmer, 'John Long: A London Shipowner', *Mariner's Mirror*, vol.72, 1986, pp.43–61: *The Times*, 7 April 1806, p.1
23. TNA, C13/144/19; C13/941/6; C13/962/34; C13/1400/47: OHS, sales particulars of Bowater Estate, 1812 and 1820
24. TNA, C13/943/19; C13/962/34; C13/2230/7; PROB11/1805; WO55/2355: WV Mins: CKS, Q/RUM/11,13: A. H. Burne, *The Royal Artillery Mess*, 1935, p.36: F. C. Elliston-Erwood, 'The Affairs of the Corporation of the Woolwich Ferry Company 1811–1844', *Woolwich Chamber of Commerce Review*, 1952–3, pp.1–3
25. *WJ*, June 1848, p.89: *The Observer*, 29 May 1808, p.3
26. DSR: *The Times*, 8 Nov 1974, p.1
27. OHS, plans of John Long's estate, 1820 and 1829; sales particulars of 1829–30: TNA, C110/111, ff.19–77: CKS, Q/RUM/11; Q/RUM/13; Q/RUM/32: RB: GL, MS 11936/476/931047: WTC Mins, 1842–3
28. TNA, C13/941/6: Tithe
29. CKS, Q/RUM/11,32: TNA, MFQ1/1267; MPH/1/189

DRAFT

30. CKS, U36/1024: Tithe: RB: *The Times*, 26 Aug 1836, p.4: TNA, PROB11/1868: *List of Officers of the Royal Regiment of Artillery, 1716–1899*, 1900, p.158
31. RB: TNA, WO44/292
32. TNA, WO44/292
33. Henry W. L. Hime, *History of the Royal Regiment of Artillery, 1815–1853*, 1908, p.74: RB
34. GHC, Kidd folder: TNA, C13/962/34; PROB11/1805; ADM29/8/76: Census: Ancestry, parish records
35. RB: DSR: OHS, sales particulars, 1829: *The Times*, 1 Feb 1831, p.8: W. H. Askwith, *List of Officers of the Royal Regiment of Artillery, 1716–1899*, 1900, pp.32,46,170,242: Rawlinson, *Woolwich*, p.28: ODNB, sub Pritzler: Tithe transposes Lacey and Dundas
36. TNA, PROB11/1868; WO44/294: RB: DSR: *WJ*, March 1846, p.33: Census: ODNB, sub Washington: Askwith, *Artillery*, pp.27,46: Vincent, pp.291–2
37. RB: WTC Mins: GHC photographs: Census
38. WTC Mins, 1842–3: RB: *WJ*, Oct 1844, p.2: *The Era*, 22 March 1857: DSR: Askwith, *Artillery*, p.51
39. RB: DSR: Census: POD: GHC, Sherwin folder: TNA, PROB11/2255; PROB11/1918
40. TNA, WO44/296: RB: DSR: Census: *The Era*, 10 Aug 1856: LMA, E/MW/C/1631; E/MW/C/1680/1
41. MBW Mins, 22 May 1863: RB: Census: POD: DSR
42. DSR: *Lloyd's News*, 14 May 1905: LMA, H14/BMB/A3/1: NMR, BI file 101593: *KI*, 7 May 1965: Egbert Morland, *Alice and the Stork: or the rise in the status of the midwife as exemplified in the life of Alice Gregory, 1867–1944*, 1951, pp.15–69
43. DSR: TNA, J91/170, pp.29–34
44. RB: DSR: *The Times*, 15 Feb 1867, p.9: POD: Census: GP
45. DSR: RB: *WJ*, Feb 1848, p.17: POD: Census: TNA, PROB11/1936; WO44/296: Hogg, p.1107: information about Ranwell supplied by Michael Thomas
46. DSR
47. DSR: POD: RB: Census: LMA, LCC/CL/GEN/8/C/97/124–130: EHLO, photographs
48. Booth collection, B291, p.127: WTC Mins, 1842–3: DSR: *WJ*, Jan 1847, p.1
49. POD
50. *WJ*, 1 June 1858, p.96
51. DSR: RB: ODNB, sub Bland: POD: GHC folder: *WJ*, 1 April 1858: Census: Ancestry, parish records: TNA, BT51/3/4881: OS: Vincent, p.93: United States Patent Office 4725659, see

DRAFT

books.google.com/patents?id=11A_AAAAEBAJ&pg=PA1&source=gbs_selected_pages&cad=2#v=onepage&q=&f=false

52. ODNB: DSR: POD: GHC folder
53. KI, 20 Dec 1963: POD: information supplied by Brian Bergman-Field
54. DSR: B, 8 Oct 1887, p.518: MBW Mins, 11 Nov 1887, 10 Aug 1888, 1 Oct 1889
55. OS: DSR: WBC Mins: POD
56. WBCDC Mins: KI, 19 June 1959: Baker, p.62: GHC photographs: GBC
57. TNA, C13/941/6: OHS, Abstract of Title to Premises in Powis Street and Green's End, Woolwich, 1907: 'Limavady History',
www.causewaycoastandglens.com/Limavady.T430.aspx
58. DSR: Gosset
59. DSR: CKS, U36/T1716: Census: Booth collection, B371, pp.115–16
60. DSR: Census: GBC: GP
61. DSR: WBC Mins: LMA, GLC/AR/BR/22/TP/019360: Census: GBC: GP
62. *Woolwich Advertiser*, 10 Feb 1859: OS: DSR: MBW Mins: CKS, U36/T1718:
LMA, ACC/3445/PT/5/14/1: Census
63. Booth collection, B150, pp.12–13: RB: DSR: WLBH Mins, 25 Feb 1873: MBW Mins, 3 and 24 Oct 1873: *The Times*, 24 March 1874, p.5: Olive Anderson, 'The Growth of Christian Militarism in Mid-Victorian Britain', *English Historical Review*, vol.86, no.338, Jan 1971, pp.46–72
64. DSR: POD: GP
65. DSR: POD: WTC Mins 1842–3; Jack Vaughan Collection: OHS, leases: GBC: GP
66. DSR: POD
67. DSR: NMR, Plans Room 17/12: POD: GP
68. NMR, Plans Room 17/12: TNA, ADM140/1168; WORK43/187–9: GHC, M+P371: Douet, *Barracks*, p.188
69. DSR: POD: GBC: NMR, aerial photographs: Anna Minton, *Ground Control: Fear and Happiness in the Twenty-First-Century City*, 2009, p.120
70. RB: DSR: POD: GHC folder; WBC Register of Drainage; Rochard, pp.32–3:
www.leski.com.au/catalogues/a278/TCRI.php: www.lqgroup.org.uk/services-for-residents/about-landq/history-of-landq: GBC: Nicolas Stacey, *Who Cares*, 1971, pp.255–63: GP
71. DSR: LMA, ACC/2305/PH/029/1–30: TNA, J91/170: POD: ODNB: WBC Mins: GBC: GHC, 'The Official Guide to Woolwich', 1962, p.87: www.mike-herwin.com/cohis.html
72. LCC Mins: LMA, LCC/AR/TP/2/181; LCC/MIN/7626/21; GLC/AR/G/41/31; LCC/AR/PP/Ogilby Street; LCC/HSG/PP/78; SC/PHL/02/833: WBC Mins: ODNB
73. LCC Mins: LMA, GLC/AR/PL/17/268; GLC/AR/BR/16/WO/M/1/A/TP; GLC/DG/HG/12/161; LCC/AR/PP/Woodrow: KI, 9 Oct 1959

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74. GP
75. GLC Mins: LMA, ACC/3445/PT/5/14/1; GLC/MA/SC/3/2255-7;
GLC/DG/PRB/35/6/566: ACC/3445/PT/8/37,45
76. LCC Mins: WBCDC Mins: *KI*, 29 Nov 1979
77. GHC, LBG public housing box
78. WBC Mins: GHC and NMR aerial photographs: GBC: GP: Electoral Register
79. LBG Mins, 11 Nov 1966: GBC
80. GBC: LBG Mins: *KI*, 17 April 1969, 15 Jan 1970
81. GHC, 'WBC post-war housing schemes' box: GBC
82. GP
83. GHC, 'WBC post-war housing schemes' box: GBC
84. *The Independent*, 12 Oct 1995: GBC: LBG Mins
85. *BD*, 20 June 1997, p.4: LBG Mins: GP: information supplied by Vivienne Taylor,
London and Quadrant Housing Trust
86. GP

CHAPTER IX

Brookhill Road Area

1. TNA, MPH1/157; MR1/1381; WO47/79, pp.367,423; WO55/756: BEAT: BESP:
Celia Burnett, 'Burrage Town – from Norman Manor to Victorian Housing Estate',
WASP, vol.42, 2002, pp.3-7: Vincent, pp.452,544-5: *ODNB*, *sub* Burghersh
2. RAHT, RA/20, letter of 25 Jan 1775 in 'Manuscript Book of Collected Military
Papers on Artillery Matters', vol.2, 1780-1800: Vincent, pp.26-8
3. DSR: TNA, WO44/295
4. Petition from the Trustees of the New Cross Turnpike to the Board of Ordnance,
as quoted in F. C. Elliston-Erwood, 'The Turnpike Roads between Woolwich and
Greenwich', *WASP*, vol.30, 1953, pp.2-52 (p.9): GHC, Cutler MSS
5. 5 Geo III, c.87: Elliston-Erwood, 'Turnpike', pp.7-9
6. RB: TNA, WO55/1611/3: Elliston-Erwood, 'Turnpike'
7. BEAT: BESP: DSR: POD: *B*, 20 June 1891, p.497: *KI*, 19 March 1970: GP: Walter
T. Davis, *The History of the Royal Arsenal Co-operative Society Ltd, 1868-1918*,
1921, p.116
8. RB

DRAFT

9. Helen Herschell, *'Far Above Rubies'*, *Memoirs of H. S. Herschell, by her Daughter*, 1854, pp.134–9; Ghetal Sanderson, *Memoir of Ridley Haim Herschell*, 1869, pp.95–100: RB: ODNB
10. RB: BEAT: MBW Mins: Rochard, pp.44–5: POD
11. Gosset: BEAT: GHC, Register of Electors: *B*, 18 Sept 1886, p.438; 16 June 1888, p.440: DSR: GP
12. BESP, lots 146–9,165: DSR
13. Tithe: BESP: LMA, LCC/MIN/6934: TNA, IR58/33521/3078–9: DSR: Herbert Jeans, *Modern Construction: being some notes on the works of Thomas & Edge, Woolwich*, 1928, p.5
14. South East Hindu Association, *Shree Ram Darbar and Radha-Krishna Durbar*, 1996, p.32
15. GBC: GP
16. BESP, lots 142–4: A. Church, 'Carmel Chapel, Woolwich', *WASP*, vol.12, 1907, pp.50–5; vol.13, 1908, pp.89–90: *Woolwich Pioneer*, 30 Oct 1908: DSR: LMA, GLC/AR/BR/7/3618: Vincent, pp.185–6
17. DSR: POD: GBC
18. MBW Mins: *B*, 12 Aug 1871, p.634: Vincent, pp.184–5: Baker, pp.73,77: *KI*, 20 March 1964: www.jewishgen.org/JCR-UK/London/woowich_fed
19. Vincent, pp.545,658: LT: RB: POD: TNA, MPH1/157; WO44/298; WO55/1611/3: BEAT: WTC Mins, 1842–3: DSR
20. GHC, John Churchill, autobiographical manuscript, 1983: DSR: TNA, IR58/33531/4056: Census: LMA, GLC/AR/BR/7/2102: information supplied by David Kroll
21. DSR: GP
22. WTC Mins, 1842–3: BESP, lot 163: RB: DSR: Vincent, p.186: POD: GHC, John Cairns, *Presbyterian Church, New Road, Woolwich, 250th Anniversary Commemoration Souvenir*, 1912, pp.19–21; William Ranwell and T. Picken, 'Woolwich New Road etc', lithograph, c.1850: ODNB, sub Scott
23. BEAT: DSR
24. For an article on these buildings concentrating on the role of the Pugins and with some extra material on the schools, see Andrew Saint, 'The Pugins in Woolwich', *True Principles: the Journal of the Pugin Society*, vol.4, no.2, 2010–11, pp.111–21
25. Archives of RC (Arch)diocese of Southwark, Edgar Dunn, 'History of Woolwich Parish', typescript, c.1993, pp.1–3: Michael Clifton, *A Short History of St Peter's Church Woolwich*, n.d., pp.1–3
26. *Catholic Directory, Ecclesiastical Register & Almanac*, 1838, pp.13,24,56: Archives of RC (Arch)diocese of Southwark, Woolwich box: Dunn, 'Woolwich', p.3

DRAFT

27. *Orthodox Journal*, 24 Sept 1841; Feb 1842, p.114–5; May 1842, p.304; Sept 1842, p.204; Oct 1842, pp.236,252; Nov 1842, p.300; Jan 1843, pp.34,48–50; Nov 1843, pp.328–30: *Catholic Directory* 1842, pp.13–14; 1843, p.152: *ILN*, 29 Oct 1842, p.395: *The Tablet*, 28 Oct 1843, p.678: *B*, 4 Nov 1843, p.466: Alexandra Wedgwood, *Catalogue of Drawings in the Victoria & Albert Museum, A.W.N. Pugin and the Pugin Family*, 1985, p.51
28. *Orthodox Journal*, Jan 1843, p.34
29. *BN*, 16 Aug 1889, p.238
30. Archives of RC (Arch)diocese of Southwark, Woolwich box, Coles to Bishop, 1 Jan 1856
31. *Ibid.*, account of Crawley to Cotter, Aug 1872
32. *Ibid.*, Fr Fieu to Bishop, 16 Dec 1887
33. DSR: *BN*, 16 Aug 1889, p.238: Dunn, ‘Woolwich’, p.11
34. Dunn, ‘Woolwich’, pp.11,22: www.stainedglassrecords.org/Ch.asp?ChId=8124
35. Dunn, ‘Woolwich’, pp.11,33–5
36. Myers album, in possession of Timothy McCann: DSR: TNA, WO55/761
37. Timothy Brittain-Catlin, *The English Parsonage in the Early Nineteenth Century*, 2008, pp.144,146
38. Archives of RC (Arch)diocese of Southwark, Woolwich box, account of Crawley to Cotter, Aug 1872: Dunn, ‘Woolwich’, pp. 6–8
39. Archives of RC (Arch)diocese of Southwark, Woolwich box, 1853–8
40. LMA, Y/SP/97/11/A–B: GHC, Vincent cuttings, vol.5, p.59
41. DSR
42. LMA, Y/SP/98/11/C: Archives of RC (Arch)diocese of Southwark, Woolwich box, account of Crawley to Cotter, Aug 1872: DSR
43. Booth, 3rd series, vol.5, p.92
44. BL, 578.m.15: DSR: W. J. Weller, ‘The Presbyterian Church, New Road, Woolwich’, *WASP*, vol.14, 1909, pp.64–9: GHC, Cairns, *Presbyterian*: Booth collection, B289, p.165: Vincent, pp.183–4
45. *KI*, 12 March 1965: GHC, A. Elizabeth McDonald, *Presbyterians in Woolwich*, 1962: Nicolas Stacey, *Who Cares*, 1971, pp.184–5: *KI*, 12 Nov 1970
46. LMA, Y/SP/97/7/A: TNA, ED4/28; ED21/35473; ED103/47/4; WO44/298: *WJ*, 1 April 1857, p.57: GHC, Cairns, *Presbyterian*, pp.23–4: DSR: POD: John Pearn, ‘The earliest days of first aid’, *British Medical Journal*, vol.309, 24–31 Dec 1994, pp.1718–20
47. GHC, International Student Housing Society records: *ABN*, 13 April 1966, pp.665–8: *Kentish Times*, 14 Aug 1964, 15 Jan and 2 April 1965: *KI*, 8 Dec 1967: *South-East London Mercury*, 15 June 1972: GBC
48. GP: www.asra.org.uk/Media/Pages/InternationalHouse.aspx: *AJ*, 27 May 2011

DRAFT

49. LMA, LCC/CL/GEN/8/C/97/26; /71; /75; /134-5: BESP, lots 166-70,178-80; photographs: DSR
50. Booth collection, B371: LCC Mins: WBCDC Mins: LMA, GLC/AR/BR/16/WO/M/1/A/TP: *Official Architecture and Planning*, Sept/Oct 1961, pp.410-1: LBG Mins: GP
51. LMA, SC/PM/WO/01/02; GLC/AR/BR/07/1566: POD: DSR: Gosset: MBW Mins: BESP, lot 177
52. GBC: www.asra.org.uk/Pages/search-results.aspx?k=woolwich
53. Tithe: TNA, WO44/289; WO44/293: RB: DSR: Census: BESP, lots 176,185,197: BEAT: Vincent, p.545: GBC
54. DSR: RB: TNA, WO44/295: BEAT: WBC Mins: GHC, LBG public housing box: BESP, lots 181-9,198,201-5: POD: EHLO, photographs: Census: GP: Vincent, pp.368,454
55. TNA, WO55/756
56. GHC, Plan showing the Ordnance Ground, 1810: TNA, MR1/1244/2; WO78/2783; WO78/4491; WORK43/1314: POD: RAHT, Bayly survey, 1867: Vincent, pp.55,435-6
57. TNA, WO78/520; WO78/4491: RAHT, Bayly survey, 1867: *BN*, 15 Jan 1875, p.81; *Daily News*, 17 March 1875
58. TNA, WO32/15486: WBCDC Mins; LBG Mins: GHC, LBG Housing Committee annual capital estimates and progress statements
59. GBC: *KI*, 2 Jan 1969, 12 Nov 1970
60. GBC: leaflets supplied on site, 2009
61. GP: Register of Electors
62. Davis, *Co-operative*, pp.3-4: Philip MacDougall, 'The Changing Nature of the Dockyard Dispute, 1790-1840' in *History of Work and Labour Relations in the Royal Dockyards*, eds Kenneth Lunn and Ann Day, 1999, pp.55-6
63. TNA, TS21/26, p.5; WO47/51, pp.410,470: BL (578.m.15): Hogg, pp.395-6: BMPD, 1867,1214.122, drawing by Paul Sandby, nd
64. TNA, MPH1/562; WO47/100, p.556; WO47/101, pp.98,170
65. RB: WTC Mins, 1842-3: POD: Tithe: Vincent, pp.97,806
66. TNA, MR1/1244/2; MR1/1381; MPH1/128; MPH1/189; MPH1/596/3; WO44/293-4; WO44/297; WO47/100, p.642; WO55/1611/3; WO78/3413: LT: RB: Tithe: LMA, photograph 76/13272: Vincent, p.409
67. LT: RB: BL, 578.m.15, cutting of 22 May 1781: Vincent, p.545: TNA, MPH1/189; MR1/1182; WO44/294; WO47/109, p.287; WO47/2599, p.3465; WO51/313: RAHT, MD/1178/24: Francis Duncan, *History of the Royal Regiment of Artillery*, vol.1, 1872, p.380; vol. 2, 1873, pp.5-6: *List of Officers of the Royal Regiment of Artillery, 1716 to 1899*, ed. W. H. Askwith, 1900, p.7

DRAFT

68. ODNB: Tithe: TNA, WO44/294: Hogg, pp.631,659: Census: POD
69. TNA, MPH1/909; MPH1/596; WORK43/196: Vincent, plate LIX: EHLO, file GRE120: *Morning Star*, 24 Nov 1981: GP
70. TNA, WO44/296
71. TNA, WO44/289; WO44/296; WO44/559; WO55/1611/3: RB: Tithe: Hogg, pp.587–9
72. Whitworth Porter, *History of the Corps of Royal Engineers*, vol.2, 1889, p.335: *WJ*, passim: www.royalengineers.ca/Gosset: MBW Mins: Vincent, p.442
73. *The Times*, 23 Dec 1856, p.10: *WJ*, 1 Feb 1857, p.25: TNA, MPH1/596/3; MR1/1244/2; WO78/2546; WO78/3413; WO78/4491; WORK43/1314: RAHT, 'Plans and Elevations of Proposed Offices, Royal Engineer Department': *PP* 1857–8 (66) xxxv.1, *Army estimates, 1858–9: PP* 1859 Session 1 (63) (193) xiv.429 and 585, *Army estimates, 1859–60*: John Michael Weiler, 'Army Architects: The Royal Engineers and the Development of Building Technology in the Nineteenth Century', unpublished PhD thesis, University of York Institute of Advanced Architectural Studies, Sept 1987, pp.18–22: Sarah Newsome and Andrew Williams, 'Woolwich Common', EH Research Department Report, 098-2009, pp.58–65
74. W. T. Vincent, *Woolwich: Guide to the Royal Arsenal etc*, c.1884, pp.60–61: Myna Trustram, *Women of the regiment: Marriage and the Victorian army*, 1984, pp.82–3,168
75. Vincent, p.545: Tithe: TNA, MPH1/909; MPH1/394; WO55/1611/3; WO78/2546; WO78/3413; WO78/3567; WO396/71: NMR, Plans Room 18/2
76. TNA, WORK58/155; WO32/15486: *Eltham Times*, Dec 1974: NMR, Plans Room; PSA photograph collection: *DoE Construction*, 12, Dec 1974, pp.23–6: Register of Electors
77. NMR, PSA photographs: Register of Electors
78. Information supplied by Jeremy Birks, Defence Estates: GP

CHAPTER X

Woolwich Common and Royal Military Academy Areas

1. WV Mins: TNA, E178/6795; MR1/968: Parliamentary Archives, FCP/2/327: Andrews, Dury and Herbert's map of Kent, 1769: 'Eltham Common, Shooter's Hill', *WASP*, vol.12, 1907, pp.35-40: ODNB: Mark Bowden et al, *An Archaeology of Town Commons in England*, 2009, pp.1–10

DRAFT

2. Sarah Newsome and Andrew Williams, 'Woolwich Common', English Heritage Research Department Report 98–2009, pp.7–8
3. WV Mins: 42 Geo III, c.89: 43 Geo III, c.35: 44 Geo III, c.107: TNA, MPHH1/180; MPHH1/244/1; WO44/289; WO47/84, p.36; WO47/89, p.700; WO47/99, p.258; WO47/2582, p.141; WO47/2583, p.1440; WO47/2587, p.4348; WO55/756; WO396/65: RB: Vincent, pp.389–94: Hogg, pp.581,1337–8: Timbers, p.95
4. RB: LT: BL, Add. MS 32375, f.78: BMPD, 1904,0819.52 and 69: 'Report on the Charities of the Clothworkers' Company: Part I', *City of London Livery Companies Commission Report*, vol. 4, 1884, pp.572–99: GHC, Cutler MSS
5. BL, 578.m.15, cuttings of 17 Jan and July 1767
6. RB: LT: BL, 578.m.15, cutting of 14 Jan 1774: POD: Baker, p.73; *Burlington Magazine*, March 1971, p.158: ODNB
7. *Public Characters of 1799–1800*, vol.2, 1799, p.122
8. TNA, MPHH1/128; MPHH1/244/1; WO55/761; WO55/2355; WORK43/161: RB: LT: NMM, PAF2884: John Bruce, *A Memoir of Charles Hutton*, 1823, pp.20–5: ODNB
9. *RMA Magazine*, vol.25, Oct 1925, pp.162–3: Hogg, pp.345–61
10. *Journal of the House of Commons*, vol.39, 1782–4, pp.850–3: Hasted, p.428: Hogg, pp.361–92
11. *Journal of the House of Commons*, vol.39, 1782–4, p.852
12. PP 1810–11 (261) iv.305, *Fifteenth Report of the Commissioners of Military Enquiry*, p.355
13. TNA, WO47/2575, p.586
14. TNA, MPHH1/244/1; WO47/2576, p.631; WO47/2581, p.3223; WO47/2582, p.41; WO47/2584, p.1976; WO47/2586, pp.3730,3825; WO47/2588, p.415; WO47/2589, p.1062; WO47/2592, p.4039; WO47/2593, pp.4346,4735; WO47/2594, p.397; WO55/756; WO55/2355: PP, 1810–11, pp.352,355: *RMA Magazine*, vol.25, Oct 1925, p.162: Roscoe, p.105
15. *European Magazine and London Review*, vol.58, Sept 1810, pp.212–14: Daniel Lysons, *The Environs of London, etc*, vol.1, pt2 (2nd edn), 1811, p.596: *Records of the Royal Military Academy (1741–1840)*, ed. William D. Jones, 1851, pp.72,77–8,80
16. Charles Dupin, *View of the History and Actual State of the military force of Great Britain*, vol.1, 1822, p.119
17. Information supplied by John Martin Robinson: BMPD, 1938,0527.31 and 35–6
18. John Smyth, *Sandhurst: the History of the Royal Military Academy, Woolwich, etc*, 1961, pp.198–9: GHC, Vincent cuttings, vol.2, p.36
19. TNA, WO49/151; WO55/2703; WO55/2864; WO150/22,23,33,35: WJ, Feb 1846, p.23: F. G. Guggisberg, *The Shop: The Story of the Royal Military Academy*, 1900, pp.51,88: Smyth, *Sandhurst*, p.64: POD: ODNB: Timbers, pp.62–3: Adrian

DRAFT

- Rice, 'Mathematics in the Metropolis: A Survey of Victorian London', *Historia Mathematica*, vol.23, pt4, Nov 1996, pp.376–417
20. TNA, WO55/757
21. TNA, WO47/2663, pp.3630,3725: *Records of the Royal Military Academy, 1741–1892*, ed. H. D. Buchanan-Dunlop, 1895
22. TNA, WO55/760; WO55/764; WO55/765; WO150/3: Charles Sylvester, *The Philosophy of Domestic Economy, etc*, 1819: *Records*, Jones, pp.134,140
23. TNA, MPH1/244/3; WO150/23: *WJ*, Feb 1846, p.23: Guggisberg, *Shop*, p.52: Frances Augusta Eardley-Wilmot, *Memorials of Frederick Marow Eardley-Wilmot*, 1879, pp.66,88,114,122
24. *PP*, 1857 Session 1 (0.52) (0.53), vi.1, *Report of the commissioners appointed to consider the best mode of re-organizing the system for training officers for the Scientific Corps; etc*, p.555: TNA, WO33/3A; WO150/35B: *Records*, Jones, p.134: B. D. Malcolm, 'Educational reform at the RMA, Woolwich, and RMC, Sandhurst, 1854–74', unpublished M.Phil., London, 1985: Smyth, *Sandhurst*, pp.85,90: *ODNB*, sub Lake
25. TNA, MR1/1257; WO78/3104; WO150/45,47; WORK43/400,1314: *The Times*, 4 June 1859, p.12; 16 April 1860, p.9: *B*, 5 Nov 1859, p.736: Hogg, p.1106: *Records*, Buchanan-Dunlop, p.110: Smyth, *Sandhurst*, p.90: Guggisberg, *Shop*, pp.90–1: *ODNB*, sub Jervois: Patricia Spencer-Silver, *George Myers: Pugin's Builder*, 2010, pp.177–8,239–40
26. TNA, WO78/3104; WO150/45: *Records*, Buchanan-Dunlop, p.110: Guggisberg, *Shop*, pp.52,90: *RMA Magazine*, vol.26, 1927, p.114: Smyth, *Sandhurst*, p. 65
27. Newsome and Williams, 'Common', pp.40–51: TNA, WO78/3104; WORK43/1314: RAHT, photograph AL366/4: Guggisberg, *Shop*, p.178: *Records*, Buchanan-Dunlop, p.110: Hogg, p.1356
28. *B*, 8 Feb 1873 p.113: *BN*, 20 March 1874, p.310: *RMA Magazine*, vol.15, 1915, pp.86–7; vol.26, 1927, pp.26–8: *Records*, Buchanan-Dunlop, pp.112,114: Guggisberg, *Shop*, pp.146–7: Smyth, *Sandhurst*, pp.117,170
29. TNA, WO78/3104: *B*, 9 Dec 1876, p.1197: Guggisberg, *Shop*, pp.143,160: *Records*, Buchanan-Dunlop, p.111: Smyth, *Sandhurst*, p.116: *ODNB*
30. TNA, WO78/4496: Guggisberg, *Shop*, pp.161,173: *Records*, Buchanan-Dunlop, p.111: Smyth, *Sandhurst*, p.117: *RMA Magazine*, vol.25, Oct 1925, p.167
31. TNA, WO55/762; WO150/35: *Records*, Jones, p.104: Guggisberg, *Shop*, pp.52,142: J. R. Atkins, *The Book of Racquets*, 1872: *Survey of London*, vol.47, 2008, p.220: *Oxford Companion to Sports and Games*, ed. John Arlott, 1975
32. TNA, WO78/520: *Records*, Buchanan-Dunlop, p.111: Guggisberg, *Shop*, p.160: Smyth, *Sandhurst*, p.92: *RMA Magazine*, vol.25, Oct 1925, p.165: Timbers, p.64: *ODNB*

DRAFT

33. TNA, WORK43/1608: *Records*, Buchanan-Dunlop, p.111–14: Guggisberg, *Shop*, p.143: Smyth, *Sandhurst*, pp.92–3: *RMA Magazine*, vol.22, July 1922, pp.41–3
34. TNA, WO78/3616: *Records*, Buchanan-Dunlop, p.111: Guggisberg, *Shop*, pp.173–4: Smyth, *Sandhurst*, p.116: Vincent, pl.xliii
35. RAHT, maps and drawings collection, 1889; Guggisberg, *Shop*, p.161; *Records*, Buchanan-Dunlop, pp.110,118: *RMA Magazine*, vol.22, July 1922, pp.41–3: Newsome and Williams, ‘Common’, pp.54–5
36. Parliamentary Archives, HL/PO/JO/10/9/965: Guggisberg, *Shop*, p.160: *RMA Magazine*, vol.4, 1903, pp.7,63–4; vol.9, 1908, p.99: Hogg, p.1107
37. *Pictorial World*, 20 Jan 1883: Guggisberg, *Shop*, p.173: Smyth, *Sandhurst*, p.27: Timbers, pp.64–7: UK National Inventory of War Memorials, 11884
38. *RMA Magazine*, vol.31, 1931, p.110: Guggisberg, *Shop*, b/w pp.178–9: Smyth, *Sandhurst*, p.165
39. *RMA Magazine*, vol.25, Oct 1925, p.167
40. TNA, WO32/3831–2: *BN*, 31 Dec 1869, p.507; 4 Aug 1871, p.94: *RMA Magazine*, vol.5, 1904, p.13; vol.21, Dec 1920, facing p.4; vol.25, Oct 1925, p.168: Smyth, *Sandhurst*, pp.168,170: Timbers, frontispiece: EH file, LRS/4071/RMA/3
41. RIBA Drawings Collection, Charles PB279/18: *RMA Magazine*, vol.26, 1927, p.250: Smyth, *Sandhurst*, pp.183,185,199: Timbers, p.67
42. GHC, pamphlet 355.7: Timbers, pp.61,125–6
43. GP: *B*, 16 March 2007, p.25: *The Times*, 21 March 2008: information supplied by John McAslan + Partners
44. Bruce, *Hutton*, pp.21–2
45. TNA, MPHH1/120; MPHH1/128; MPHH1/136; MPHH1/189; MPHH1/244/1; MR1/1182; WO44/293; WO47/2576, p.2026; WO47/2577, p.449; WO47/2579, p.2011; WO47/2580, p.2926; WO47/2586, p.3284; WO47/2588, p.576; WO55/756; WO55/760–1; WO55/2355; WO396/65; WORK43/160–1: *PP*, 1810–11, p.355: RB: BL, Add. MS 32375, ff.114–15: RAHT, AL150/23: EHLO, photographs
46. TNA, WO55/758; WO55/761: *B*, 9 Dec 1876, p.1197: *Records*, Buchanan-Dunlop, p.111
47. TNA, MPH1/1188; WO44/292–4; WO44/296–7; WORK43/161: Tithe: RB: DSR: *ODNB*, sub Gordon
48. CKS, U1001/T55: Tithe: RB: BL, 578.m.15, cutting of 1840: *WJ*, Sept 1853, p.129: DSR: POD
49. *B*, 31 July 1875, p.698: GHC, Jack Vaughan collection: DSR: TNA, HLG126/1055: *KI*, 7 Aug 1969; 30 Sept 1971; 3 April 1975: *South-East London Mercury*, 11 Jan 1968; 6 Nov 1969; 14 Oct 1971: *Kentish Times*, 1 Sept 1968: EHLO, blue-plaque file 1202: WBCDC Mins: LBG Mins
50. John Grant, *A Guide to Woolwich*, 1841, p.51

DRAFT

51. Tithe: CKS, U36T460: BL, 578m.15: Gosset: DSR
52. MBW Mins: DSR: *B*, 24 Aug 1867, p.635: *BN*, 25 Sept 1874, p.xiv: 'Charitable accounts of the Clothworkers' Company', *City of London Livery Companies Commission. Report*, vol.4, 1884, pp.624–33: Hogg, p.1289: Census: POD: *KI*, 6 Sept 1963
53. RIBA Drawings Collection, PA1168/2 (1–4): DSR: Census: POD
54. LMA, P97/JN/21–2; P97/MRY/213: DSR: GHC, Vincent cuttings, vol.2, p.71
55. LMA, GLC/AR/BR/25/182547: Nightingale Laundry, private archive: DSR: POD: 'Report on the Charities of the Clothworkers' Company: Part I', pp.572–99: *KI*, 20 Aug 1970
56. *WASP*, vol.42, 2002, pp.16-22: DSR
57. TNA, MR1/1257; WO44/295–6: DSR: Gosset
58. LMA, LCC/PH/SHS/2/47–8: DSR: F. K. Prochaska, *Philanthropy and the hospitals of London: the King's Fund, 1897–1990*, 1992, p.63: NMR, BI file 101092: Jefferson, pp.218–20
59. LMA, H44/WMH; H14/BMB; A/KE/537(5): DSR: GP
60. TNA, MPH1/244/1; WO44/293: Lysons, *Environs*, p.598
61. Dupin, *View*, p.120: TNA, MFQ1/1267; MPH1/32/1–2; MPHH1/136; MPHH1/189/4; MR1/1381; WO44/289; WO44/542; WORK43/160
62. *Daily News*, 17 March 1875 (also 15–19 March): TNA, WO44/297; WO47/2726, 13 March 1843: *WJ*, Dec 1844, p.41; Oct 1851, p.153: J. Hewitt, 'Old Woolwich', *Minutes of Proceedings of the Royal Artillery Institution*, vol.6, 1870, pp.272–82: *B*, 26 Dec 1874, p.1070; 18 March 1876, p.275; Drake, p.158: Vincent, p.397: Myna Trustram, *Women of the regiment: Marriage and the Victorian army*, 1984, pp.76–7: Timbers, p.45
63. TNA, WO55/2864: NMR, Plans Room 17/8/2
64. John Bold et al, *Greenwich: An Architectural History of the Royal Hospital for Seamen and the Queen's House*, 2000, p.19
65. TNA, WO44/126; WO44/296; WO55/3034; WO78/3104: *B*, 2 Sept 1876, p.861: Hogg, pp.1353–61
66. TNA, WO44/295: *WJ*, Oct 1845, p.206: Vincent, pp.420–4: Timbers, pp.46,52–3
67. *B*, 26 Sept 1863, p.696: Henry Knell, *Guide to the British Arsenal etc*, 1865, pp.133–4: POD: Newsome and Williams, 'Common', pp.21–2: David M. George, 'The Plumstead Common Riots of 1876: A study in mid-Victorian protest', *London Journal*, vol.36, no.3, Nov 2011, pp.195–210
68. George, 'Riots': Booth, 3rd series, vol.5, p.129: GL, Metropolitan Public Gardens' Association, News Cuttings, vol.14, 2 May to 17 June 1892
69. Parliamentary Archives, FCP/2/327: *The Times*, 29 Aug 1928, p.7: Newsome and Williams, 'Common', pp.9–11,17–18: Jefferson, pp.213,290

DRAFT

70. GHC, uncatalogued drawings: Jefferson, p.351
71. Newsome and Williams, 'Common', pp.22–6,32: Jefferson, p.391: Timbers, pp.94–5,151
72. TNA, WO32/3658
73. TNA, ES1/691
74. Newsome and Williams, 'Common', pp.11–18,25,28–31: LMA, GLC/AR/BR/26/WO/M/24/1–2: information provided by Wayne Cocroft
75. GP: *AJ*, 13 Oct 2011
76. WBC Mins: WBCDC Mins: GHC, WBC Housing Schemes Box: LMA, GLC/AR/BR/16/WO/M/1/A/TP
77. WBCDC Mins, vol.4, p.260
78. WBCDC Mins: *Kentish Times*, 2 Aug 1963; 10 Dec 1965: *KI*, 6 Sept 1963; 30 April 1965
79. LBG Mins, 26 Jan 1966 p.272: GHC, public-housing box: *KI*, 28 Jan and 4 Feb 1966: Miles Glendinning and Stefan Muthesius, *Tower Block*, 1994, pp.132–4,142–6,354
80. *KI*, 30 April 1965; 8 Dec 1967; 16 April 1970: LBG Mins
81. GHC, public-housing box: *KI*, 2 Oct 1975: Glendinning and Muthesius, *Tower Block*, p.354
82. *KI*, 26 Oct 1978
83. Glendinning and Muthesius, *Tower Block*, p.142: Vincent, pp.91,197,201–3,206,211,357,430: Jefferson, p.401
84. *KI*, 11 Sept 1980: Hansard, written answers to questions, 13 Jan 1992: *Building*, 27 Oct 1995, p.27: *Contract Journal*, 11 March 1998, pp.16–17
85. TNA, MR1/1257; WO32/15486; WO78/3104; WORK43/1314: OS: K. W. Maurice-Jones, *The Shop Story, Woolwich*, 1954, p.13: GP
86. *Housing Review*, Nov–Dec 1971, pp.156–7: *AJ Information Library*, 2 April 1969, pp.911–20: *Eltham Times*, 26 March 1971
87. NMR, PSA photographs; Plans Room 17/9
88. Electoral register: GBC