

Strange to say the roof and a glass lantern on the roof escaped without injury, probably owing to the lantern being open on all sides. The roof of the monkey house, which has a similar lantern, escaped with trifling damage whilst the front and ends of the house were very severely damaged. The parrot house had a tremendous shaking, and a portion of the stone ceiling on the top of the red brick lobby was blown down. I am inclined to think it must have been struck by some of the flying debris as portions of the ill-fated "Tilbury" were picked up by myself (soon after the disaster) between my office and the entrance to the garden. A piece of stone of considerable size was found on the roof of the hippopotamus house.

The work of restoration was commenced by the whole of our staff of workmen immediately on the morning of the explosion, and has been continued unceasingly up to the present time but we find still much to be done; in fact, from day to day we discover damage that had escaped notice in the first instance.

APPENDIX A.

GUNPOWDER EXPLOSION, REGENT'S CANAL.

RETURN furnished by Metropolitan Police of Districts affected by Explosion.

DIVISION.	The greatest distance from the scene of the Gunpowder Explosion at which damage to Property was done.		The greatest distance from the scene of the Explosion at which the shock or sound is known from reliable evidence to have been sensible.	Miles.	REMARKS.
	Structural Damage.	Breakage of Windows.			
A or Whitehall	None	None	The whole area of the division	3½	
B „ Westminster	None	None	„	3½	
C „ St. James'	None	None	„	2	
D „ Marylebone	None	½ mile	„	2	
E „ Holborn	None	2½ miles	„	3	
G „ Finsbury	None	None	„	4½	
H „ Whitechapel	None	None	Tower Hill	5¼	
K „ Stepney	None	None	Hog Hill, Dagenham	14	
L „ Lambeth	None	None	The whole area of the division	5	
M „ Southwark	None	None	„	5½	
N „ Islington	None	None	Waltham Abbey	15	
P „ Camberwell	None	None	West Wickham	17	
R „ Greenwich	None	None	Orpington	17	
S „ Hampstead	900 yds.*	2½ miles	South Mimms	14¼	
T „ Kensington	None	None	-	-	Reliable evidence cannot be obtained.
V „ Wandsworth	None	None	Merton Road, Wimbledon	8	
W „ Clapham	None	None	Croydon	13	
X „ Paddington	None	1½ miles	Acton	7	
Y „ Highgate	None	3 miles	Goffs Oak	12	

* "Eyre Arms" Tavern; large portion of ceiling of coffee-room fell down. Other material damage limited to 400 yards.

Metropolitan Police Office,
4, Whitehall Place,
12th February 1875.

(Signed) W. HARRIS,
Chief Inspector.

APPENDIX B.

STATEMENT OF DAMAGE done to ZOOLOGICAL GARDENS.

SUPERINTENDENT'S REPORT upon the DAMAGE done by the EXPLOSION in the REGENT'S CANAL.

WITH reference to the damage done to the buildings by the explosion, I may mention that no building has entirely escaped injury. Not only the glass, and in many instances the frames or sashes have been entirely destroyed, but a considerable amount of damage has been done by the cracking of the brickwork, and by the loosening of the fastenings of the doors and windows.

The buildings furthest removed from the locality where the explosion occurred have suffered quite as much (or nearly so) as the buildings nearest to the explosion; for instance, the reptile house and the workshops immediately behind, and the glass and frames, completely destroyed.

It will be observed that the reptile house is close to the canal, in fact, on its bank. That the damage was not confined to any particular spot will be seen by the fact, that the glass was destroyed at the south entrance, on the broad walk of the Regent's Park. I am inclined to think that the shock was most severe along the banks of the canal. The windows and doors of my own house were smashed and blown open; the locks, bolts, chains, and other fastenings of the doors were torn out.

Strange to say the roof and a glass lantern on the roof escaped without injury, probably owing to the lantern being open on all sides. The roof of the monkey house, which has a similar lantern, escaped with trifling damage, whilst the front and ends of the house were very severely damaged.

The parrot house had a tremendous shaking, and a portion of the stone carving on the top of the red brick lobby was thrown down. I am inclined to think it must have been struck by some of the flying *débris*, as portions of the ill-fated "Tilbury" were picked up by myself (soon after the disaster) between my office and the elephant house; other fragments, such as sheet-iron twisted and torn about, fell in the gardens. A piece of stone of considerable size was found on the roof of the hippopotamus house.

The work of restoration was commenced by the whole of our staff of workmen immediately on the morning of the explosion, and has been continued unceasingly up to the present time, but we find still much to be done; in fact, from day to day we discover damage that had escaped notice in the first instance.

The injuries done to the animals, I am glad to say, have been trifling, and I attribute their escape principally to the utter darkness of the morning, and to the impossibility, in the awful confusion, of obtaining lights. Along with two or three assistants (the only persons who sleep in the gardens), I went into the different houses after the explosion occurred, and by calling and speaking to the different animals, caused them to stop jumping and rushing about.

As daylight gradually appeared, and their several keepers arrived, they became (some but slowly) reconciled, and their condition of nervous excitement appeared to subside in a day or two.

A considerable number of the birds escaped through the openings in the roof of the western aviary. Many of these, however, were returned, and others allowed themselves to be caught, and restored to their former abode. Others flew long distances, and have been lost; but these do not happen to be birds of much value, and can therefore be easily replaced.

For many days after the explosion I received letters from persons in the country surrounding the metropolis, informing me of the strange and beautiful birds that had appeared in their gardens, &c., and by their kindness several were recovered.

It is impossible at this moment to fix the amount of damage done with any great accuracy, but after carefully noting what has been repaired, and what remains to be done, I believe the cost will be about 300*l.* (three hundred pounds);

The distance from the north bridge to the ostrich house, the building nearest to the explosion, is 352 yards, from the ostrich house to the extreme end of the gardens, as marked on the enclosed map, 440 yards, and from the ostrich house to the south entrance, 500 yards.

(Signed) A. D. BARTLETT,
Superintendent, Zoological Gardens,
Regent's Park.

November 5th, 1874.

APPENDIX C.

List of principal Streets and Places in which Relief was given by the Regent's Park Relief Fund.

Prince's Terrace.	Charles Street.
Chalcot Terrace.	Portland Terrace.
Regent's Park Road.	Culworth Street.
High Street, Camden Town.	New Street.
Powis Place.	High Street.
Alma Terrace.	Barrow Hill Road.
Park Street.	Bentink Mews.
Fleet Road.	St. John's Wood Terrace.
Frederick Street.	Townshend Cottages.
Chalk Farm Road.	Lower William Street.
Cochrane Street.	Tichfield Terrace.
Charles Lane.	William's Cottages.
Upper William Street.	North Lodge.
Lower William Street.	Asinger Terrace.
Henry Place.	Abbey Gardens.
Hanover Cottages.	Lodge Road.
Avenue Road.	Fitzroy Road.
Edward Street.	Woronzow Road.
Bentink Cottages.	York Terrace.
Lansdown Road.	Boston Mews.
Condor Street.	Silchester Road, Notting Hill.
Pembroke Terrace.	Grove Terrace.
Henry Street.	Queen's Pavilion, Primrose Hill.
Beckett's Place.	Sharpleshall Street.
Tucker's Place.	Upper York Place.
John Street.	Stanford Street, Lisson Grove.
Townsend Road.	Marsden Terrace, Kentish Town.

THE REGENT'S PARK EXPLOSION.—RELIEF FUND.

REPORT to the General Committee from the Executive Committee.

William Forsyth, Esq., Q.C., M.P., Chairman.

Sir Thomas Chambers, Q.C., M.P.

Samuel Gurney, Esq.

J. Gerstenberg, Esq.

W. E. Greenwell, Esq.

Rev. Professor D. W. Marks.

Rev. A. R. Godson, M.A.

Rev. L. Davies, M.A.

Edwin H. Galsworthy, Esq., J.P.

Rev. L. Cappel, D.D.

Peter Graham, Esq.

Rev. E. H. Nelson, M.A.

Colonel H. A. Trevelyan.

James Hoppey, Esq.

W. S. Burton, Esq.,

R. Ruthven Pym, Esq. (Messrs. Sir S. Scott, Bart., & Co.), } Treasurers.

John Leighton, Esq., F.S.A., Hon. Secretary.

Victor Bauer, Esq., Assistant Hon. Secretary.

The Executive Committee having now terminated their labours, beg to report that the sum collected for the relief of the sufferers by the Regent's Park explosion has amounted to a total of 6,333*l.* 8*s.* 1*d.* (including a contribution of 169*l.* 4*s.* 7*d.* from St. Pancras parish), for which the Committee offer their grateful acknowledgments to the benevolent donors.

The distribution of the fund commenced as soon as the necessary data had been collected, and it was continued without intermission as speedily as reliable evidence could be obtained of the nature of the manifold claims for relief which were brought under the notice of the Committee.

In dispensing aid, the Committee felt bound to give their first consideration, under the guidance of a professional surveyor, to cases where structural damage had been sustained in the abodes of those applicants who were wholly or partially unable to bear it.

With respect to those cases also which involved the destruction of furniture and the loss of goods, on the sale of which the livelihood of the sufferers depended, immediate relief was granted.

The total amount of the claims brought forward exceeded by far the proceeds of the subscriptions to the fund, but after diligent inquiry and mature consideration some of them were put aside; and in a considerable number of instances the sums awarded were much below what was sought to be obtained. There were found to exist a few special and exceptional cases which required relief on a comparatively large scale to enable the claimants to retrieve their position and to support themselves in future by their own industry. Amongst the claimants on the fund there were—

		£
1	who received	150
5	"	100 each
1	"	75
3	"	50 each
3	"	40 "
1	"	35 "
5	"	30 each
6	"	25 "
10	"	20 "
123	"	from 10 to 20 each
945	"	under 10 each

The total number of recipients was 1,103, and the amount received by them 5,230*l.* 11*s.* 6*d.*

In addition, the sum of 33*l.* 5*s.* 4*d.* was expended immediately after the explosion in the distribution of coals, &c. to cases of urgent necessity.

Of the outlay which has been incurred in the working expenses, advertisements constitute the chief item, it having been found expedient to keep the calamity constantly before the public eye until the requisite amount could be raised.

A statement of receipts and expenditure is annexed hereto.

Whilst the Committee appointed to distribute the fund have cheerfully devoted themselves to the task assigned them, their labour has for the most part been light when compared with that which has fallen on three of their members, the Rev. Dr. Cappel, the Rev. Mr. Nelson, and Colonel Trevelyan. These three gentlemen, who composed a Sub-Committee, have been indefatigable in the discharge of the duties of their onerous office, which must have absorbed the larger portion of their time for many consecutive weeks. They will undoubtedly find their reward in the consciousness of having done a good and acceptable work, since any expression of thanks would be but a feeble tribute for services such as they have rendered in the cause of benevolence.

The Committee also record their deep sense of the arduous and valuable services rendered by Mr. John Leighton, as Honorary Secretary to the fund. They likewise desire to thank Mr. Victor Bauer for the aid rendered by him as Assistant Honorary Secretary. Nor can the Committee close their report without acknowledging the kindness of Mrs. Boucicault for having freely placed at the disposal of the Committee premises in Regent Street for several months, for the holding of meetings and for the transaction of the general business connected with the operations of the fund.

By order,

WILLIAM FORSYTH,
Chairman.

1st May 1875.

REGENT'S PARK EXPLOSION.—RELIEF FUND.

RECEIPTS.

	£	s.	d.
To amount of subscriptions	6,333	8	1
	£6,333	8	1

PAYMENTS.

	£	s.	d.
By amounts awarded for relief in cash	5,230	11	6
„ half J. Lewin's subscription sent by his instructions to Hospital for Nervous Diseases	2	10	0
„ coals, &c.	33	5	4
	£464	4	8
EXPENSES.			
Advertising	20	10	3
Ditto &c. St. Pancras List	4	10	0
Ditto &c. Mansion House List	208	1	7
Stationery and printing	125	10	7
Office expenses	94	17	6
Clerks	26	5	0
Surveyor's fee	943	19	7
By balance at Bank	123	1	8
	£6,333	8	1

To balance in the hands of Treasurers 123/ 1s. 8d.

Submitted by

WILLIAM S. BURTON, } Treasurers.
R. RUTHVEN PYM, }

Received by

EDWIN H. GALSORTHY, } Finance Committee.
W. E. GREENWELL, }
R. RUTHVEN PYM, }

APPENDIX D.

COPY OF INVOICE.—Boat "READY."—Master, W. HARDING, 1st October 1874.

FROM LONDON TO BIRMINGHAM.

Senders.	Consignment.	Residence.	No. of Articles.	Species of Goods.	Marks and Numbers.	Weight.				REMARKS.
						Collected.		Not Collected.		
						Tons.	Cwt.	Qrs.	Lbs.	
Turnbull -	E. Freer & Son	Birmingham -	3	Pkts. of Hops	—	0	4	2	26	Per W. Boswell.
Leon Clere & Co. -	R. & F. J. Adams	"	2	Brls. Benzoline	—	—	—	—	—	Class II.
Baker -	Matthews -	"	4	Cases Beer	—	0	4	2	22	
Gripper -	E. Freer	"	32	Bags Biscuits	—	1	2	2	1	
Hayne -	Own Order	"	31	Pcs. Plum Wood	—	1	1	2	2	Dr. Hayne.
Browning -	R. Bower	"	2	Sks. Hempseed	—	0	2	3	17	
Westwick -	W. H. Simpson	"	10	Bags Rice	R.W.S.	1	0	0	0	
Pat. Oil & L. Co.	J. Lane & Son	"	50	" Rosin	—	3	2	2	0	
H. Hayne -	Own Order	"	128	Pcs. Plum Wood	—	4	18	3	3	Dr. Hayne.
Dunn & Co.	Mason -	"	1	Cboy Acid	—	Please weigh				Per J. Handley ;
						11	17	2	15	30 Sept. 1874.
						0	5	3	5	

COPY OF INVOICE.—Boat "JANE."—Master, T. BOSWELL, 1st October 1874.

FROM LONDON TO UNSCOTE.

Summers & Co. -	Thacker & Co. -	Warwick -	1	Pkge. Tea	7.	0	0	3	17	
McCallum -	Lane	Leamington -	2	" G.P.	-	0	0	3	0	
Church & Son -	H. E. Edwards	"	1	Box Raisins	-	0	0	1	3	
Teede & Co. -	Thacker & Co. -	Warwick	50	Tits. Sugar	T. & Co.	0	14	0	0	
Henderson -	C. R. Burgess	Leamington	35	" "	W.	0	10	3	16	
" -	J. Colbourne	"	21	" "	J. C.	0	6	2	6	
" -	"	"	"	" "	L.					
Martin -	Owen	"	3	Cks. H. Stones	-					0 16 3 2
" -	"	"	1	Box	-					
" -	Heavens	"	2	Cks. Fire Balls	-					0 6 3 6
Henderson	Thacker & Co.	Warwick	100	Loaves Sugar	T. & Co.	1	5	2	4	
					W.	2	18	0	18	
			216							1 4 1 8

COPY OF INVOICE.—Boat "JANE."—Master, T. BOSWELL, 1st October 1874—cont.

BIRMINGHAM.

Senders.	Consignment.	Residence.	No. of Articles.	Species of Goods.	Marks and Numbers.	Weight.		REMARKS.
						Collected.	Not Collected.	
Startin & Co.	J. Green	Birmingham	50	Tits Sugar	J. G.	Tons. 0 17 0	Tons. —	
"	Miles Morse	"	32	"	B.	Cwt. 10 3 17	Qrs. —	
"	"	"	8	"	B.	Lbs. 0 2 2 0	—	
Grace & Co.	J. Gillma	"	6	Fkns. Putty	"	—	0 11 0 20	
"	"	"	1	Bkt. Color	"	—	0 0 0 16	
Grosvenor -	C. Baker & Son	"	11	Bdles. Paper	"	0 9 0 0	—	
Grosse & Co.	Birch	W. Bromwich	1	Ck. Pickles	"	0 5 1 0	—	
London L. Mills	G. Strawley	Birmingham	1	" Spelter	"	—	0 6 1 0	
Westwick -	R. L. Lodge	"	3	Bags Ft.	"	0 6 12 0	—	
Champion -	P. Harris & Co.	"	10	Sks. Linseed	"	0 19 2 26	—	
Co. -	J. Dudley	W. Bromwich	4	1/4 Vinegar	"	—	0 5 2 0	
Co. -	Co.	"	1	Cht. Mustard	"	—	0 10 2 8	
Brook & Co.	A. Hinde	Birmingham	27	Sks. Oats	1 13 0 0	Free.	—	
		"	40	Ety., per H. Bland	—	30/9/74.	—	
			195		1 13 0 0	3 10 2 7	1 3 2 16	

FROM LONDON TO UXBRIDGE.

Conway & Co.	W. Payne	Uxbridge	20	Tits of Sugar	W. P.	0 5 3 6	—	
Travers	J. Wilkins	"	20	"	T. W.	0 6 0 26	—	
Barton & Co.	W. Ashton	"	1	Case Goods	U.	0 2 0 20	—	
G. I. F. Co.	Fassindge Bros.	"	3	Castings	U.	0 0 2 8	—	
Miles & Co.	"	"	5	Bars Iron	—	0 4 3 22	—	
"	"	"	3	Bdles. "	—	—	—	
Barton & Co.	W. Ashton	"	4	Bxs. Starch	—	0 2 1 7	—	
Radmall	"	"	4	Fkn. Butter	—	0 2 1 25	—	
"	"	"	1	Ball. Bacon	—	0 1 3 24	—	
Pantin	J. Wilkins	"	1	Ck. Jams	—	0 2 3 12	—	
Hindley	Brownie	"	2	Bdles. Sacks	—	0 3 1 0	—	
Page & Son	Hetherington	"	56	Bxs. Cheese	—	1 12 2 26	—	
Summers & Co.	G. Baynham	"	15	Chts. Tea	2452/66	0 3 1 25 1/2	—	
"	Gumbrell	"	1	"	116	0 0 2 22	—	
"	"	"	1	"	7	0 0 2 20	—	
"	"	"	1	"	8	0 0 2 20	—	
"	"	"	1	"	279	0 1 0 10	—	
"	"	"	6	"	608/13	0 4 0 1	—	
			145			3 14 3 22 1/2	—	

LEIGHTON.

Hilton & Co.	Key & Son	Leighton	13	Cks. Cement	—	2 7 1 0	—	
E. J. Willis	J. A. Seers	"	7	Bxs. Candles	—	0 10 0 0	—	
To be delivered, with 5 more to follow.								
"	Mr. Payne	"	4	Cks. Candles	—	0 6 2 2	—	
Tapling	W. Branton	"	2	Trusses Dpy.	—	0 1 3 26	—	
			26			3 5 3 0	—	

LONDON TO DUDLEY PORT.

Pigou & Co.	Earl Dudley	Dudley	49	Cks. G. P.	—	—	0 16 2 0	
Henderson	D. Willis	"	100	Tits Sugar	D. W.	1 8 2 24	—	
Travers	C. Biddle	Wednesbury	25	"	D.	0 8 2 25	—	
Champion	Shicklin	Tipton	1	1/2 Hhd. Vinegar	C. B.	—	0 2 3 0	
"	"	"	1	Keg Mustard	W.	—	0 0 0 22	
"	J. Beckley	Brockmoor	4	1/2 Hhd. Vinegar	—	—	0 11 0 0	
			180			1 17 1 21	1 10 1 22	

WOLVERHAMPTON.

Champion	G. Snape	W. Hpton.	2	1/2 Hhd. Vinegar	—	—	0 5 2 0	
W. Howe & Co.	Order, Carrick & B'ham to W'Hpton.	Brockbanks,	4	"	—	—	0 5 2 0	
			150	Plates, Spelter	—	2 13 3 22	—	
			156			2 13 3 22	0 11 0 0	

BIRMINGHAM.

COPY OF INVOICE.—Boat "DEE"—Master, J. EDWARDS, 1st October 1874.

LONDON TO LOUGHBORO'.

Senders.	Consignment.	Residence.	No. of Articles.	Species of Goods.	Marks and Numbers.	Weight.				REMARKS.				
						Collected.		Not Collected.						
						Tons.	Cwt.	Qrs.	Lbs.	Tons.	Cwt.	Qrs.	Lbs.	
Brewers Quay	A. Burrows	Loughboro'	25	Loaves Sugar	A. B. L.	0	5	1	2					
Teede & Co.	J. Lander	"	5	Bags Sugar	J. L.	0	10	0	0					
Henderson	J. S. Brown	"	5	"	J. S. B.	0	10	0	0					
Pilcher	Gurney	"	1	Can Naphtha	L. 3507.	0	0	2	0					
Browning	T. Handley	"	2	Brls. Petro.	E. H.	0	6	1	14					Class L.
Walton & Co.	Thirlby & Son	"	7	Pkts. Hops	/a 326.	0	12	3	15					
			45			2	5	0	3					
LONDON TO NOTTINGHAM.														
Sewell	R. Eade	Notts	5	Bags Sugar		0	10	0	0					
Ludwig & Co.	E. Goldschmid & Co.	"	37	Pk. S. Boards	L. W.	0	18	2	0					
"	Bakewell	"	6	" Paper	D. 143.	0	2	2	0					
"	Pickett	"	4	"		0	2	0	0					
"	Spencer	"	3	"		0	2	1	0					
"	Usher	"	6	"		0	3	0	0					
Sewell	R. Eade	"	5	Bags Sugar	3709	0	10	0	0					
Woodman	"	"	5	Brls. Curts.	R. E.	0	11	0	2					
Watkins & Co.	Marshall	"	2	Cans Varnish	N.	0	1	2	0					
Wilkinson	Braithwaite	"	3	Cases Wine		0	4	1	0					
Ludwig & Co.	E. Goldschmid & Co.	"	80	Pkgs. S. Boards		2	0	0	0					
Hazzledine	S. F. Armitage	"	1	Hhd. Sugar	S. E. A.	0	18	1	6					
W. & F. Jones & Co.	White	"	10	Brls. Paraffin	N. 10.	1	13	0	21					
Mordan & Co.	Leighton	"	4	Cks. Ink		0	11	2	20					
Collett & Co.	Baines Bros.	"	5	Cases Sardines		0	5	0	10					
Martin	Hardy & Co.	"	3	" Provisions		0	1	3	18					
Hampshire	H. Taylor	"	4	Cads Tea	517/20	0	1	0	27 1/2					
Henderson	J. Whysall	"	10	Bags Sugar	139/148	0	19	3	2					
Despartes	Simons, Son, & Co.	"	15	Bds. S. Boards	D.D.C.	0	7	2	0					
Harker	W. A. Blain	"	5	Bags Ginger		0	5	2	10					
Browning	F. Harrison	"	1	Brl. Petro.	H. a 92	0	3	0	14					Class L.
Jones & Co.	Beardsley	"	1	" Paraffin		0	3	0	16					
Barringer	J. Manners	"	1	Can Spirit		0	0	1	0					
"	T. Marshall	"	1	"		0	0	3	24					
Hunt & Co.	F. S. Elliott	"	4	Bds. Paper	T. S. E.	0	3	0	16					
Curtis & Co.	G. Lee	Chesterfield	2	Cks. G. P.	N.	0	1	1	18					
Harris & Co.	J. Barter & Son	Notts	1	Chl. Lead		0	3	1	5					
Henderson	J. Whysall	"	50	Loaves Sugar	J. W.	0	9	3	22					Chipped.
			274		N.	11	14	2	7 1/2					

0 2 0	0 2 0	0 13 3 32	0 13 3 32	0 11 0 0
0 2 0	0 2 0	0 13 3 32	0 13 3 32	0 11 0 0
0 2 0	0 2 0	0 13 3 32	0 13 3 32	0 11 0 0

COPY OF INVOICE.—Boat "TILBURY."—Master, C. BEXON, 1st October 1874.

COPY OF INVOICE.—Boat "TILBURY."—Master, C. BEXON, 1st October 1874.

FROM LONDON TO LEICESTER, &c.													
Senders.	Consignment.	Residence.	No. of Articles.	Species of Goods.	Marks and Numbers.	Weight.				REMARKS.			
						Collected.		Not Collected.					
						Tons.	Cwt.	Qrs.	Lbs.	Tons.	Cwt.	Qrs.	Lbs.
Despartes & Co.	To Leicester, to the order of Simons, Son, and Pickard, of Notts.		4	Bdles. S. Boards	D.D.C.	0	2	0	0				
Conway	A. Wagstaff	Leicester	2	Bags Sugar		0	4	0	0				
Watkins & Co.	Knight	"	2	Cks. Lead		0	3	1	3				
"	Pretty	"	1	" "		0	1	1	12				
"	Whitmore	"	1	" "		0	2	1	13				
Slee & Co.	Lepridge	"	1	Ck. Vinegar		0	2	3	0				
Barry & Co.	J. Riley	"	3	Pcls. Paper		0	1	3	10				
"	Clarke	"	2	Cases Wine		0	4	3	8				
Curtis & Co.	Parsons & Brown	"	1	Pkg. G. P.		0	0	1	14				
Macallum	Whitehouse	Melton Mowbray to Leicester.	5	" "		0	0	3	14				
Laker & Co.	Laken	Leicester	1	Case Drugs		0	1	0	2				
Do.	Do.	"	1	Cask		0	1	3	16				
Co.	Co.	"	1	Bdle. Cloths.									
Henderson	Swain & Co.	"	50	Tits Sugar	S. & Co. L.	0	14	3	24				
Budgetts	S. Pater	"	20	Mats	26/90 91/5	1	6	1	6				
Hazzledine	T. Baker	"	20	Tits	T. B.	0	7	2	10				
Henderson	Roberts & Co.	"	40	"	4	0	13	2	6				
Conway	Wheeler & Son	"		Part of 30 Bags Sugar	4								
Hazzledine	P. Smith	"		" 10 "									
"	Swain & Co.	"		" 25 "									
			155			4	8	3	26				

DERBY.

Budgetts	-	J. Clarke	-	Derby	-	5	Bags Sugar	J. C. D.	0	10	0	0	
Peek & Co.	-	C. S. Stores	-	"	-	2	Cases Coffee	178/9	0	5	1	14	
Travers	-	"	-	"	-	15	Bags Nuts		0	17	0	16	
Browning	-	Blunt & Evans	-	"	-	1	Cask Borax		0	1	0	7	
Re Wilson	-	"	-	"	-	1	Petrom.		0	3	0	14	
Itts	-	Bakewell	-	"	-	4	Brls. Sugar		0	8	2	21	
Forham & Co.	-	Ellam Jones	-	"	-	1	Case		0	4	3	18	
						29			2	10	1	6	

NOTTINGHAM.

Budgetts	-	R. Eades	-	Notts	-	45	Tits Sugar	R. E. n.	0	10	1	2	
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CHESTERFIELD.

Pigou & Co.	-	A. Greaves, Druggist, Chesterfield to Codnor Park.	-	42	Cks. of G. P.	-	2	2	0	0	0	0	
						208			0	12	0	0	
						274			2	12	0	0	
									5	6	0	0	

BURTON.

But	-	Canner	-	Burton	-	5	Brls. Curtis's	J. C. B.	0	12	2	0	
J. Barringer	-	B. A. Dixon	-	Swadlineote	-	2	" Benzoline		0	6	0	0	
"	-	"	-	"	-	2	"		0	6	0	0	
						9			1	4	2	0	

COPY OF INVOICE.—Boat "LIMEHOUSE."—Master, E. HALL, 1st October 1874.

FROM LONDON TO NORTHAMPTON.

Senders.	Consignment.	Residence.	No. of Arti- cles.	Species of Goods.	Marks and Numbers.	Weight.				REMARKS.				
						Collected.		Not Collected.						
						Tons. 0	Cwt. 17	Qrs. 0	Lbs. 27	Tons. —	Cwt. —	Qrs. —	Lbs. —	
Hazzledine	H. Warren	Nottingham	1	Hhd. Sugar	H. W. No. 46.	3	10	0	0	—	—	—	—	Part of 80.
Wilson's Whf.	Kymen & Co.	"	50	Bags Bark	—	0	4	3	0	—	—	—	—	
Hill & Jones	L. Laughton	"	3	Cases Meat	—	5	7	0	16	—	—	—	—	
Gripper	S. Thompson & Sons	"	25	Qrs. E. Beans	60	0	0	2	14	—	—	—	—	
Harker	J. Harris	"	1	Bdle. Paper	—	0	6	0	17	—	—	—	—	
Travers	C. Eldridge	"	20	Tits Sugar	C. E. n.	0	10	3	23	—	—	—	—	
Edmunds	T. Gent	"	35	" "	T. G. n.	0	1	1	4	—	—	—	—	
Shindler	Errington & Co.	"	1	Case Onions	—	0	5	1	19	—	—	—	—	
Conway	J. Errington	"	18	Tits Sugar	J. E. N.	0	2	2	5	—	—	—	—	
E. Pink	H. Warren	"	3	Cases Jams	—	0	10	0	0	—	—	—	—	
Edmunds	W. Simpson	"	5	Bags Sugar	W. S. n.	0	10	0	0	—	—	—	—	
Travers	C. Eldridge	"	5	" "	C. E. N.	0	10	0	0	—	—	—	—	
"	J. Shuttleworth	"	5	" "	J. S. N.	0	10	0	0	—	—	—	—	
Henderson	"	"	70	Loaves "	J. S. N.	0	16	3	19	—	—	—	—	
Hill & Jones	C. Eldridge	"	3	Cases Biscuits	—	0	0	3	20	—	—	—	—	
Hanson	T. Osborne	"	1	Case Mpls.	—	0	0	2	16	—	—	—	—	
Woodman & Co.	W. Simpson	"	10	Bags Nuts	—	0	11	1	2	—	—	—	—	
Martin & Co.	J. Shuttleworth	"	20	" Sugar	J. S. N.	2	0	0	0	—	—	—	—	
Maw & Co.	P. Jeyes & Co.	"	1	Hps. Drugs	—	0	1	0	14	—	—	—	—	
"	"	"	1	Case do.	—	0	1	1	18	—	—	—	—	
Slee & Co.	Robinson	"	2	½ Cks. Vinegar	—	0	2	3	0	—	—	—	—	
"	"	"	2	½ " "	—	0	2	3	0	—	—	—	—	
			282			16	13	3	18					

COPY OF INVOICE.—Boat "HAWKESBURY."—Master, J. BREWER, 1st October 1874.

LONDON TO NORTHAMPTON.

Budgetts	J. Whysall	Notts	50	Tits Sugar	J. W. N.	0	11	2	8	
Pickford	W. A. Blain	"	1	Case "	—	0	5	2	16	
Aus. Meat Co.	J. Rainbow	"	5	Cases Meat	501	0	4	0	4	
Hazzledine	S. F. Armitage	"	1	Hhd. Sugar	229	0	12	1	0	
Travers	Bonsor & Co.	"	1	½ Pun. Treacle	292	0	6	1	2	
"	"	"	1	" "	284	0	6	0	9	
Hill & Co.	E. Hickling	"	1	Case "	—	0	1	1	14	
"	G. H. Brown	"	8	Cks. Tallow	—	3	2	1	22	
Booty & Co.	J. White	"	1	Pipe Oil	—	0	14	1	10	
Henderson	Cloak & Co.	"	14	Bags Sugar	C. C. N.	1	8	0	0	
Brookes & Co.	E. Hardy & Co.	"	3	" Coffee	34 39 41	0	1	2	6	
Slee & Co.	Spencer	"	3	½ Cks. Vinegar	—	0	4	0	14	
Brooke & Co.	S. Fowler & Co.	"	9	Bags Coffee	126/34	0	10	0	14	
Sewell & Co.	Hardy & Co.	"	50	" Sugar	—	5	0	0	0	
Hampshire	H. Taylor	"	4	Boxes Tea	517/20	0	1	0	27½	
			152			13	9	0	6½	

MARKET HARBOROUGH.

Mortiboys & Co.	B. Smerton	Clipstone	1	Brl. Oil	—	0	3	0	24	
"	"	"	1	" Benzoline	—	0	3	0	7	
Browning	W. B. Bragg	Harboro'	1	Ck. Spirit	—	0	3	0	0	
"	G. Hockett	"	3	" "	—	0	8	3	0	
H. Shindler	J. Nunnetty & Co.	"	1	Box Sundries	—	0	1	1	14	
Harker & Co.	"	"	20	Bags Rice	R. R. R.	2	0	0	0	
"	"	"	1	Cask Pepper	—	0	1	3	0	
"	"	"	1	Bag "	—	0	1	0	2	
"	"	"	2	Cks. Jams	—	0	5	1	0	
"	"	"	1	Case Milk	—	0	0	2	7	
"	"	"	1	Hp. Groceries	—	0	1	1	7	
			33			3	9	1	5	
Pigou	W. Fletcher	Ilkestone	24	Cks. G. P.	—	0	10	2	0	

APPENDIX E.

APPENDIX E.

(Copy.)

DETAILS OF EXPERIMENTS on the under-mentioned pieces of Timber relative to their absorbing of Linseed Oil being immersed 24 hours the ends of which were coated with Patent Makers' Varnish to prevent the oil penetrating so that the sides and edges only were open to penetration.

(76)

GRAND JUNCTION CANAL.

CONSIGNMENT NOTE AND CONTRACT for the forwarding of Petroleum or the produce thereof, including Rock Oil, Rangoon Oil, Burmah Oil, any product of them, and any Oil made from Petroleum, Coal, Schist, Shale, Peat, or other bituminous substance, and any product of them, that gives off an inflammable vapour, at a temperature of less than 100 degrees of Fahrenheit's thermometer.

request the Grand Junction Canal Company to receive and forward the under-mentioned goods:—

Consignee.	Residence.	Description of Goods, giving off inflammable vapour at less than 100 degrees Fahrenheit.	Weight.				Who pays the Carriage.
			T.	Cwt.	Q.	Lbs.	
							1. Quebec Oak
							2. Oak
							3. English Ash
							4. Spanish Mahogany
							5. White Deal
							6. American Hickory
							7. Boston Oak
							8. Yellow Deal
							9. Mottled Oak
							10. Bassett Oak
							11. American White Wood

And in consideration of the Company accepting the said goods to be carried as aforesaid, it is agreed that the said goods are carried at sole risk in all respects, and that relieve the Company from all liability, and can make no claim against them for any loss, delay, destruction, or damage of, to, or in respect of the said goods, from whatever cause arising; and further agree that, on the arrival at the Company's station in the town or place to which they are to be conveyed as above, the said goods shall be removed therefrom within two working hours after delivery of the advice of arrival to consignee; and in case the said goods are carted by the Company's carts to the consignee's place of business, the consignee shall immediately take delivery of them from the cart. Failing which agree to pay a sum of five shillings per ton per hour for every hour the said goods shall remain in the Company's possession, to be recovered or retained by the said Grand Junction Canal Company as and for liquidated damages; and if not removed from wharf or cart, as the case may be, within twelve working hours, authorise the Company to sell the said goods for the charges thereon, and retain all sums of money payable under or by virtue of this contract. The Grand Junction Canal Company not to be responsible in the event of any claim being made by the consignees for deficiency of oil through leakage or evaporation.

In witness whereof have hereunto set hand the day and year first above written.

Signature

APPENDIX F.

(Copy.)

DETAILS of EXPERIMENTS on the under-mentioned Pieces of Timber relative to their absorbing of Linseed Oil, being immersed 24 hours, the ends of which were coated with Pattern Makers' Varnish to prevent the oil penetrating, so that the sides and edges only were open to penetration.

DIMENSIONS OF THE PIECES.

Length - 14.4 inches
Width - 4.0 "
Thickness - 1.0 inch } Cut parallel to silver grain of the wood.

Nature of Timber.	Weight before Immersion.	Weight after Immersion.	Weight of Oil absorbed in each Piece.	Comparative Absorption, taking Quebec Oak as 1.	REMARKS.
	Lbs. ozs.	Lbs. ozs.	Lbs. ozs.		
1. Quebec Oak	1 9	1 9 ³ / ₁₆	0 0 ³ / ₁₆	1.	
2. Teak	1 9 ³ / ₁₆	1 9 ⁶ / ₁₆	0 0 ⁴ / ₁₆	1.33	
3. English Ash	1 13 ⁶ / ₁₆	1 13 ⁴ / ₁₆	0 0 ⁴ / ₁₆	1.33	
4. Spanish Mahogany	1 13	1 13 ⁴ / ₁₆	0 0 ⁴ / ₁₆	1.33	
5. White Deal	0 14 ⁸ / ₁₆	0 14 ¹³ / ₁₆	0 0 ⁵ / ₁₆	1.66	
6. American Hickory	1 8 ¹ / ₁₆	1 8 ¹³ / ₁₆	0 0 ¹² / ₁₆	1.833	
7. Bosma Oak	1 5 ⁷ / ₁₆	1 5 ¹³ / ₁₆	0 0 ⁶ / ₁₆	2.	
8. Yellow Deal	1 1 ¹³ / ₁₆	1 2 ¹ / ₁₆	0 0 ⁷ / ₁₆	2.33	
9. Memel Oak	1 7 ⁵ / ₁₆	1 7 ¹⁴ / ₁₆	0 0 ⁹ / ₁₆	3.	
10. Dantzie Fur	1 3 ¹ / ₁₆	1 4 ¹ / ₁₆	0 0 ⁹ / ₁₆	3.	
11. American White Wood	0 13 ⁵ / ₁₆	0 13 ¹⁵ / ₁₆	0 0 ¹⁰ / ₁₆	3.3	
12. Pine	0 12 ⁸ / ₁₆	0 13 ³ / ₁₆	0 0 ¹¹ / ₁₆	3.66	
13. English Oak	1 11 ¹³ / ₁₆	1 12 ⁸ / ₁₆	0 0 ¹¹ / ₁₆	3.66	
14. Cuba Cedar	1 2 ² / ₁₆	1 2 ¹³ / ₁₆	0 0 ¹¹ / ₁₆	3.66	
15. Stettin Oak	1 12 ¹ / ₁₆	1 13 ³ / ₁₆	0 0 ¹² / ₁₆	4.3	
16. Sycamore	1 3 ⁵ / ₁₆	1 4 ¹ / ₁₆	0 0 ¹⁴ / ₁₆	4.6	
17. Dantzie Oak	1 6 ⁷ / ₁₆	1 7 ⁵ / ₁₆	0 0 ¹⁴ / ₁₆	4.6	
18. American Ash	0 8 ⁸ / ₁₆	0 9 ⁷ / ₁₆	0 0 ¹⁵ / ₁₆	5.	
19. Honduras Mahogany	1 1 ¹ / ₁₆	1 2 ⁷ / ₁₆	0 1 ⁶ / ₁₆	7.33	
20. Lime-tree	1 4 ¹ / ₁₆	1 6 ¹² / ₁₆	0 2 ³ / ₁₆	11.66	
21. Box-wood	1 15 ⁹ / ₁₆	2 1 ¹⁴ / ₁₆ - ¹ / ₃₂	0 2 ⁵ / ₁₆ - ¹ / ₃₂	12.41	
22. American Birch	1 7 ¹³ / ₁₆	1 10 ³ / ₁₆	0 2 ⁶ / ₁₆	12.66	
23. Elm	1 4 ¹⁵ / ₁₆	1 8 ¹ / ₁₆	0 3 ² / ₁₆	16.6	
24. Beech	1 9 ¹⁵ / ₁₆	1 13 ¹⁰ / ₁₆	0 3 ¹¹ / ₁₆	19.6	
25. Alder	1 2 ³ / ₁₆	1 7 ¹ / ₁₆	0 5 ⁴ / ₁₆	28.	

Number of superficial inches open to penetration on each of the above pieces 144, and the oil up to 60° Fahrenheit.

The above details copied from memorandum of experiments made 13/12/65.

Wood Department, Royal Laboratory,
2nd February 1875.

APPENDIX G.

MEMORANDUM OF EXPERIMENTS made with PETROLEUM in connexion with REGENT'S PARK EXPLOSION.

SERIES A.

6/10/1874. In Royal Arsenal with Professor Abel.

- (1.) A little light petroleum spirit poured into a tall thin glass vessel 11" high ; at end of about a minute flame applied, and it ignited at top of vessel and burnt down.
- (2.) Poured some of the *vapour* which had formed into a large glass jar, and in 15 seconds applied a light and got a small explosion.
- (3.) A few drops deposited carefully at bottom of 11" jar, and in 20 seconds light applied. It ignited at six inches from the bottom of jar.
- (4.) A few drops repeated in a 12" jar, but using rather more spirit; in 12 seconds a light applied and ignited at top.
- (5.) Some petroleum spirit placed in large jar, and light applied in 10 seconds gave an explosion; (no smoke, or hardly any).

6/10/74. Grand Junction Canal Company's Wharf, City Basin.

Was shown (by Mr. Warlow and Mr. Witton) a cask of benzoline. It was standing on its end, and although its bung was covered with a tin patch there was considerable "weeping" or leakage therefrom. The benzoline was from Leon, Clere, and Charles, 21, Commercial Street, Spitalfields. The "weeping" was rapid. In about half a minute enough came out to thickly coat a finger. Put some on pieces of sponge into a bottle. On following morning on examining the bottle I found it broken, (on burning a bit of the sponge I found it very inflammable).

Transferred the remainder of the sponge to another stoppered bottle, and took it up to Dr. Keates, who in my presence removed stopper and applied a light, and produced a small explosion.

8/10/74. Went with Mr. Keates to Barringer and Co's., Hackney Wick. Mr. Barringer (junior) gave us two samples of the material, one of which was refined benzoline, the same as delivered to the Grand Junction Canal Company (and one of "naphtha.")

He said they delivered the two casks of benzoline to the Company on 14th September, and on 29th two more, because the first two had not gone. On October 7th Mr. Hughes wrote that all four were on board the "Tilbury."

Afterwards I returned with Mr. Keates to his laboratory. Dropped 20 drops of refined benzoline into a long glass; it took about 18 seconds to drop, and at one minute from first dropping applied a light, and a sharp explosion occurred.

Then dropped 20 drops of crude benzoline into glass, almost immediately applied a light, and it burnt down in blue flame.

SERIES B.

10/10/74. Took some of the refined benzoline over to the Arsenal, and there carried out with Mr. Abel some experiments in his laboratory; temperature 61° Fahr.

(1.) (This had been commenced by Mr. Abel before I came) with petroleum spirit.

Placed some in a saucer in a box, 20½ inches × 8½ inches × 5½ inches deep (total cubic content 1031.4062 inches = rather over half a cubic foot).

The lid was laid loosely on, and at the end of 10 minutes a lighted wax taper was slowly introduced, and on arriving at about one and a half inch from bottom of box an explosion took place throughout the box.

(2.) Same repeated, but using some of the same benzoline as was on board the "Tilbury."

Result.—A more violent explosion, and this was obtained when taper was about half way down the box.

(This experiment seemed to show that this sample of benzoline was rather more volatile than the "petroleum spirit" previously used.)

(3.) A few drops of benzoline were placed in the bottom of a glass jar 12" deep and 1½" wide.

At end of half a minute a taper was introduced, and at 9 inches from bottom explosion occurred, and flame flashed down to the bottom.

(4.) Some benzoline in saucer placed in wooden box as before. Hole bored in end of box, and gas flame introduced. No result at end of 10 minutes (apparently volatilisation not sufficiently rapid to produce explosive mixture).

(5.) The same repeated, except that the benzoline (a *little*) was poured into the box, and the gas flame applied through the hole.

After one minute	} No results.
" two minutes	
" three "	
" four "	

(6.) Box cleared out. Some more spirit put in, and same repeated—no results.

(7.) A rather larger quantity of "petroleum spirit" was poured into box (three-quarters of an ounce by measure), and the gas-light held opposite to the orifice outside.

In *three-quarters of a minute* a sharpish explosion took place at the orifice (outside), and the flame flashed backwards and consumed all the spirit in the box, which was filled with flame. The explosion was sharpish, and the burning of the inflamed vapour inside was gradual. This was obtained by volatilisation of three-quarters of an ounce (by measure), in space of 1,031 cubic inches, in three-quarters of a minute, the space being by no means tight fitting, and the hole through which the vapour travelled not so large as the hole caused by a small knot falling out of the wood.

SERIES C.

17/10/74. Had model of sister boat to "Tilbury" made in Royal Laboratory, on scale of three-quarters of an inch to the foot. (The man on board the boat stated that it was identical with the "Tilbury.")

Dimensions of model (about)—

Stowage part	-	-	-	36 inches.
Width (internal)	-	-	-	4 "
Depth	-	-	-	2 $\frac{3}{4}$ "
Mean height of roof	-	-	-	1 $\frac{3}{4}$ "
Total depth	-	-	-	4 $\frac{1}{2}$ "

Took the barge to Mr. Abel's office and with him made the following experiments:—

(1.) Put half an ounce of spirit (by measure) into the boat, and applied a lighted taper in the cabin at every half minute up to five minutes; again at six, eight, and nine minutes.

At nine minutes got explosion in the cabin, which ran down rapidly throughout the body of the boat, and produced a flame in the same.

(2.) Same repeated, with a small pinch of gunpowder (in brown paper) placed a little in advance of the petroleum.

Light applied in cabin at seven minutes. Got a slight "puff" in the cabin, but it did not extend.

Applied light again in cabin at 10 minutes, and got explosion and inflammation throughout boat; and in about three or four seconds this was followed by the explosion of the powder.

19/10/74. Repeated last experiment (but without powder), at inquest, and got a sufficiently considerable explosion to blow off the lid of the model.

8/5/75. Took boat to Mr. Abel's office, and there made an experiment with it *packed* (with little imitation barrels, bales, &c.). Mr. Dent and Dr. Kellner present.

(1.) Put half an ounce of petroleum spirit on to a sponge, applied lighted taper in cabin at

5 minutes	} No results.
8 "	
10 "	
13 "	
15 "	Explosion (slight).

(2.) Then took half an ounce of petroleum spirit and poured into bow of boat; boat *not* packed.

Placed two little tufts of gun cotton on floor of model.

Applied taper at 3 minutes

" 5 "	} No results.
" 8 "	
" 10 "	
" 13 "	
" 15 "	

Took off cover and found the spirit was not all absorbed or evaporated, so put on cover again, and applied light at—

17 minutes	} No results.
20 "	
22 "	

(3.) Had the boat thoroughly cleansed and aired.

Then put half an ounce of petroleum spirit in it in open dish, in centre, and two bits of guncotton as before.

Applied lighted taper in cabin at 5 minutes—no result.

Applied lighted taper in cabin again at 8 minutes—got explosion, which flashed through the boat and fired the guncotton.

V. D. M.

APPENDIX H.

STATEMENT of GOODS, as below, carried in the Grand Junction Canal Company's Boats during the Months of July, August, and September 1874.

Date.	Steerer.	Gunpowder.				Benzoline.				Petroleum.				Spirit.				Naphtha.				Paraffin.				Oil.				REMARKS.
		Tons.	Cwt.	Qrs.	Lbs.	Tons.	Cwt.	Qrs.	Lbs.	Tons.	Cwt.	Qrs.	Lbs.	Tons.	Cwt.	Qrs.	Lbs.	Tons.	Cwt.	Qrs.	Lbs.	Tons.	Cwt.	Qrs.	Lbs.	Tons.	Cwt.	Qrs.	Lbs.	
July 1	E. Hill -	3	3	1	7	0	7	1	19																					
" "	T. Fereday -	0	1	0	0													0	0	3	6									
" "	T. Rogers -	0	0	3	6									0	0	1	24													
" 2	A. Cleaver -	0	0	1	12	0	2	3	10																					
" "	W. Kite -	0	2	0	0																									
" 3	J. Willington -	5	11	3	9																									
" "	J. Edwards -	0	1	2	1																									
" "	J. Pumphrey -	6	14	1	1																									
" "	J. Noden -	0	0	2	22																									
" 4	J. Lea -	0	4	0	4	0	2	3	2																					
" "	J. Wickson -	0	3	0	18																									
" "	J. Tonks -	3	0	0	0					0	5	3	16																	
" 6	G. Mupon -					0	5	3	14																					
" 7	W. Day -	3	0	0	0																									
" "	W. Wood -	0	5	2	24																									
" "	J. Thompson -	0	0	1	12	0	0	3	0																					
" "	A. Lloyd -	0	8	2	15																									
" 8	C. Bexon -	0	16	0	0																									
" "	J. Noden -	0	1	0	4	0	3	0	0									0	3	0	26									
" "	W. Fereday -	2	0	1	20	0	0	3	0																					
" "	T. Green -	0	0	2	16																									
" 9	J. Thacker -	0	2	0	0																									
" "	J. Blakeman -	1	7	2	0																									
" "	G. Moore -	6	0	0	0					6	9	3	0																	
" "	T. Clarke -					0	5	3	16	0	5	1	24																	
" 10	J. Blewer -	1	2	0	0																									
" "	G. Hodson -					0	5	1	2																					
" "	D. Bates -	6	1	2	12																									
" "	G. Holford -	0	5	1	5													0	3	0	22									
" 11	H. Westwood -	4	0	0	0																									
" "	J. Woodhouse -									0	5	3	12																	
" "	J. Randle -					2	8	3	0																					
" "	S. Chambers -	0	2	1	6	0	2	3	16																					
" "	J. Dutfield -	0	0	2	16																									
" 13	W. Hawkins -	2	3	0	0																									
" "	J. Noden -	0	2	1	26																									
" "	J. Moore -	0	11	3	26													0	6	2	6									
" 14	E. Hill -	0	3	1	0																									
" "	W. Kite -	0	4	3	4																									
" "	W. Brewerton -	0	0	2	22	0	0	1	21																					
" "	A. Jones -	5	11	3	9																									
" 15	W. Lowe -	0	9	2	20	0	3	0	0																					
" "	J. Edwards -	0	1	3	0	0	3	1	14																					
" "	T. Rogers -	0	4	0	0																									
" "	A. Cleaver -	0	8	0	24																									
" "	J. Stokes -									0	3	0	8																	
" "	T. Davis -	5	5	0	10																									
" "	W. Key -									4	0	3	6																	
" 17	J. Noden -	0	0	2	22	0	0	3	5																					
" "	J. Lea -	2	9	1	12																									
" 18	J. Tonks -	2	1	2	12																									
" "	G. Hodson -	0	0	1	8	0	2	3	24																					
" 20	W. Wood -	3	6	0	19																									
" "	G. Masson -	0	0	1	0																									
" "	S. Chambers -																	0	0	3	0									
" 21	W. Fereday -	1	3	2	14																									
" "	J. Thompson -	0	7	0	2																									
" 22	G. Parrott -									0	4	2	18																	
" "	T. Green -	1	2	0	5																									
" "	W. Lowe -	0	0	1	8	0	6	0	1																					
" "	J. Noden -	0	3	3	1																									
" "	A. Lloyd -	0	1	0	10																									
" "	C. Bexon -	0	0	1	12																									
" 23	H. Westwood -	2	4	3	26																									
" "	J. Thacker -	0	0	1	0																									
" 24	G. Hodson -					0	2	3	3													0	3	0	18					
" 25	S. Chambers -					0	11	2	17																	0	3	1	18	
" "	W. Thompson -	2	13	0	4																									
" "	D. Bates -					0	2	2	26																					
" "	G. Holford -	0	12	2	24																									
" 27	T. Boswell -	6	11	3	24	0	2	3	20																					
" "	J. Noden -					0	0	3	14	0	3	0	0																	
" 28	J. Moore -	0	5	2	4																									

From North
Hyde, G.P.,
5 tons 11 cwt.
3 qrs. 9 lbs.

From North
Hyde, G.P.,
6 tons.

From North
Hyde.

[illegible]

Statement of Goods, as below, carried in the Grand Junction Canal Company's Boats during the Months of July, August, and September 1874—continued.

Date.	Steerer.	Gunpowder.				Benzoline.				Petroleum.				Spirit.				Naphtha.				Paraffin.				Oil.				REMARKS.	
		Tons.	Cwt.	Qrs.	Lbs.	Tons.	Cwt.	Qrs.	Lbs.	Tons.	Cwt.	Qrs.	Lbs.	Tons.	Cwt.	Qrs.	Lbs.	Tons.	Cwt.	Qrs.	Lbs.	Tons.	Cwt.	Qrs.	Lbs.	Tons.	Cwt.	Qrs.	Lbs.		
Aug. 26	W. Key																														
"	D. Bates	0	0	2	14																										
"	Jas. Moore	11	3	2	18					0	3	0	26																		
"	W. Lowe	0	0	1	24																										
" 27	E. Roberts	2	4	0	15					0	6	1	26																		
"	C. Busby	0	0	2	22																										
" 28	J. Noden									1	2	3	0																		
"	A. Jones	0	15	1	0																										
"	J. Pumphrey	1	4	2	19					0	3	1	4	0	3	0	0														
" 29	G. Hodson	0	0	1	7	0	5	3	5																						
"	A. Cleaver																														
" 31	H. Bland					0	6	2	20	1	3	0	4	1	2	0	21					0	16	1	26						
"	T. Green	0	1	3	9																										
"	S. Phipkin	2	15	1	17																										
"	W. Wood	7	10	0	0																										
"	S. Chambers	0	1	2	1	0	3	0	14	0	3	2	8																		
"	W. Kite	0	1	1	16																										
Sept. 1	W. Fereday	0	2	1	0																										
" 2	H. Westwood					0	2	3	19																						
"	J. Thompson	0	12	3	8	0	5	3	19																						
"	T. Fereday									0	2	3	20																		
"	W. Lowe					0	5	2	20																						
"	J. Noden	0	2	2	26	0	11	3	6																						
" 3	J. Wickson	1	10	1	9					1	10	3	21																		
"	C. Bexon	0	1	1	26																										
" 4	J. Newry	3	11	3	15					4	3	0	4																		
"	W. Key									0	3	0	20																		
"	J. Thacker	4	0	2	10					0	9	2	0																		
"	S. Chambers									0	6	1	2																		
" 5	T. Lacey																														
"	A. Lloyd									0	6	1	20																		
"	G. Hodson					0	15	2	10																						
" 7	J. Wakefield									3	6	0	13																		
"	W. Harry	4	3	2	10																										
"	E. Hill									2	17	2	2																		
"	G. Musson					0	9	1	25																						
"	J. Noden					0	15	2	18																						
" 8	W. Hawkins	2	0	0	0	0	5	3	7	0	6	2	11																		
"	J. Woodhouse	0	11	0	22					1	19	3	23																		
"	D. Bates	0	14	3	6																										
" 9	W. Lowe					1	4	3	19																						
"	S. Chambers	1	2	2	0																										
"	G. Holford	0	0	2	8																										
"	J. Pumphrey	1	19	0	11	0	5	2	21	0	11	3	1																		
"	J. Randle					0	5	3	0																						
" 10	J. Moore	2	0	3	12					1	12	3	8																		
"	C. Coleman	0	1	0	0					1	12	0	0																		
" 11	G. Hodson					0	5	3	0																						
"	C. Busby					0	2	1	15																						
" 12	W. Busby	4	12	1	0																										
"	A. Jones	0	0	2	0																										
" 14	S. Phipkin	3	15	2	0					3	0	2	1	0	5	3	14														
"	W. Fereday	0	10	1	12																										
"	W. Day	4	0	0	0	0	3	0	0	1	12	1	14																		
"	G. Musson	0	0	2	14																										
"	S. Chambers																														
" 15	J. Hanley	1	15	0	9	0	2	3	7	0	6	2	14																		
" 16	T. Rogers					0	2	3	0	4	2	0	3																		
"	J. Blewer	1	9	2	23																										
"	J. Wakefield									2	7	0	16																		
"	J. Thompson													0	0	0	23														
"	J. Thacker	0	1	0	5	0	8	3	14																						
"	C. Bexon	0	10	1	1																										
"	W. Lowe</																														

Statement of Goods, as below, carried in the Grand Junction Canal Company's Boats during the Months of July, August, and September 1874—continued.

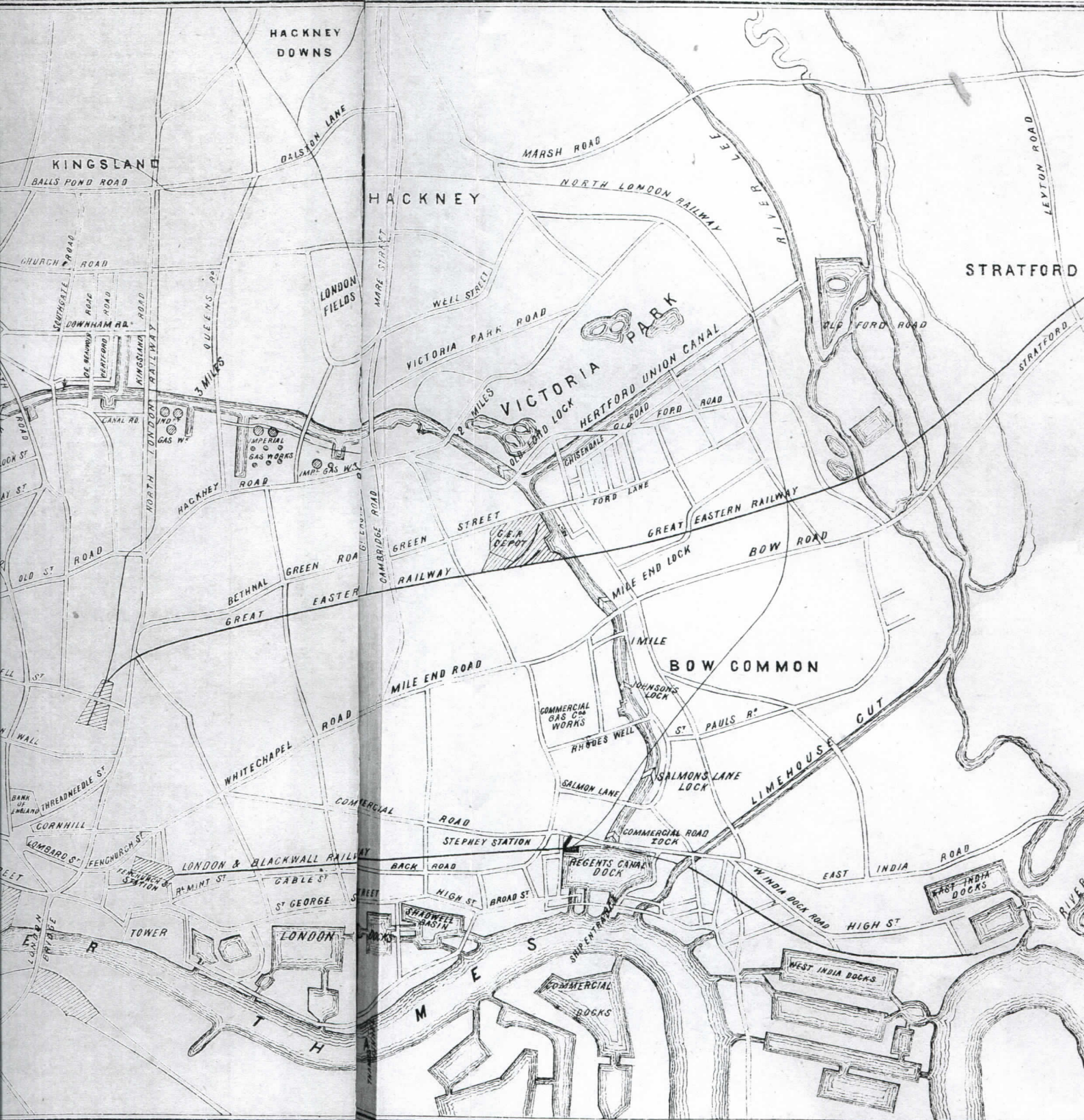
Date.	Steerer.	Gunpowder.	Benzoline.	Petroleum.	Spirit.	Naphtha.	Paraffin.	Oil.	REMARKS
		Tons. Cwt. Qrs. Lbs.	Tons. Cwt. Qrs. Lbs.	Tons. Cwt. Qrs. Lbs.	Tons. Cwt. Qrs. Lbs.	Tons. Cwt. Qrs. Lbs.	Tons. Cwt. Qrs. Lbs.	Tons. Cwt. Qrs. Lbs.	
Sept. 25	J. Noden	—	—	—	—	—	—	—	W. K.
" 26	C. Busby	1 3 3 26	—	—	—	—	—	—	D. B.
" "	H. Westwood	—	0 2 3 6	—	—	—	—	—	J. B.
" "	J. Thompson	—	—	0 3 0 14	—	—	—	—	J. B.
" 28	S. Chambers	—	0 2 3 14	—	0 2 3 7	—	—	—	W. L.
" "	G. Musson	—	0 3 0 0	—	—	—	—	—	J. B.
" "	J. Taylor	—	0 15 1 9	0 18 0 26	—	—	—	—	J. B.
" 29	W. Brooks	—	0 0 3 3	—	—	—	—	—	J. B.
" "	W. Barnett	0 11 1 0	—	1 11 0 3	—	—	—	—	J. B.
" "	J. Wickson	0 1 0 0	—	—	—	—	—	—	J. B.
" 30	J. Wilson	—	—	3 4 1 21	0 3 0 0	—	0 3 0 23	—	J. B.
" "	J. Hanley	—	—	0 6 3 3	—	—	—	—	J. B.
" "	W. Lowe	—	0 8 3 17	0 12 2 0	—	—	—	—	J. B.
" "	J. Noden	—	0 2 3 26	0 12 3 0	—	—	—	—	J. B.
	Total	267 7 1 12	26 17 0 25	76 1 3 9	2 7 3 26	0 4 1 20	14 3 1 20	7 0 0 19	W. K.

From North
Hydr. G.E.
2 tons 11 cwt.
3 dec. 9 lbs.

LONDON:
Printed by GEORGE E. EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty.
For Her Majesty's Stationery Office.

CANAL, AND LIMEHOUSE DOCK.

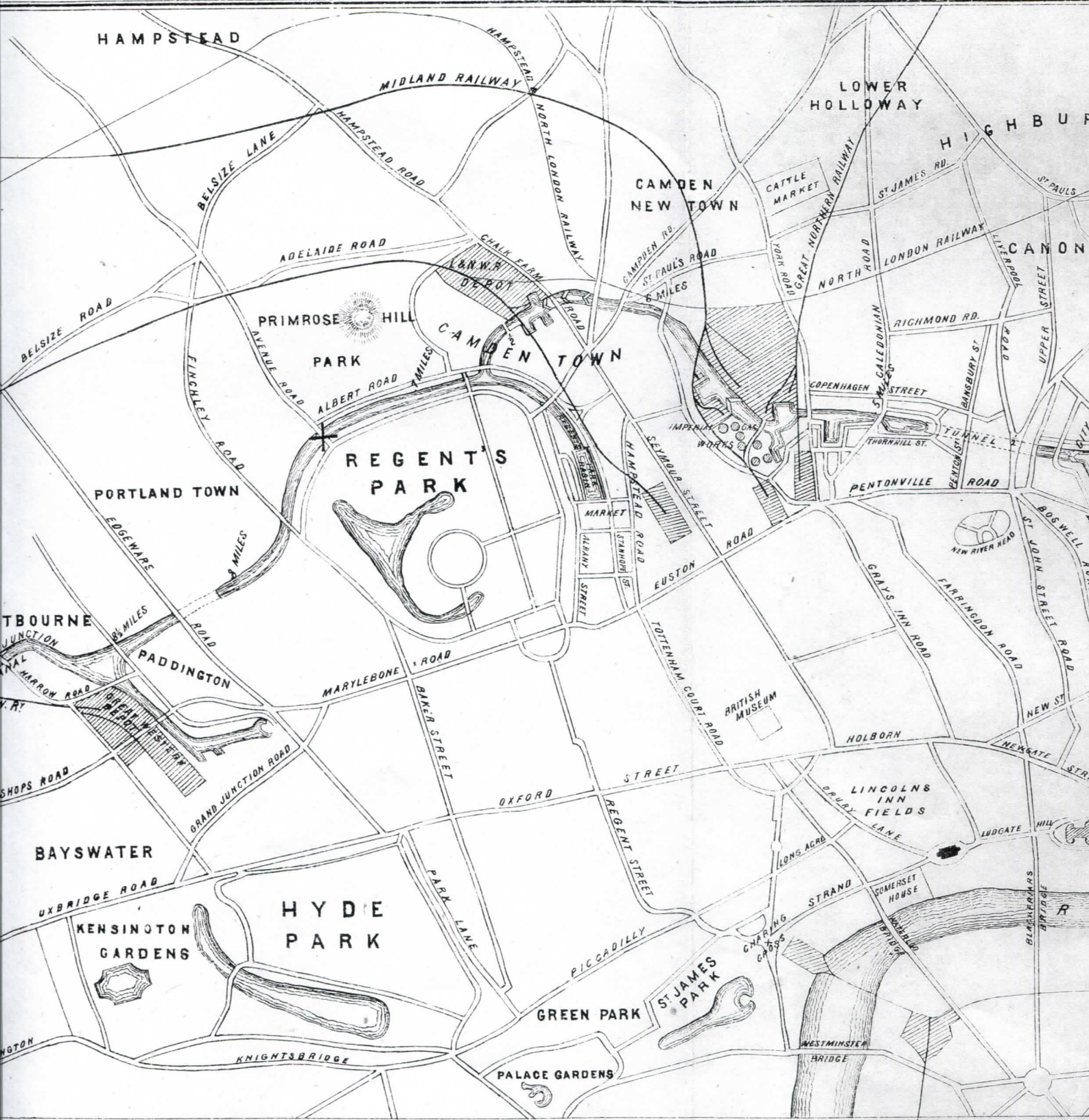
PLATE



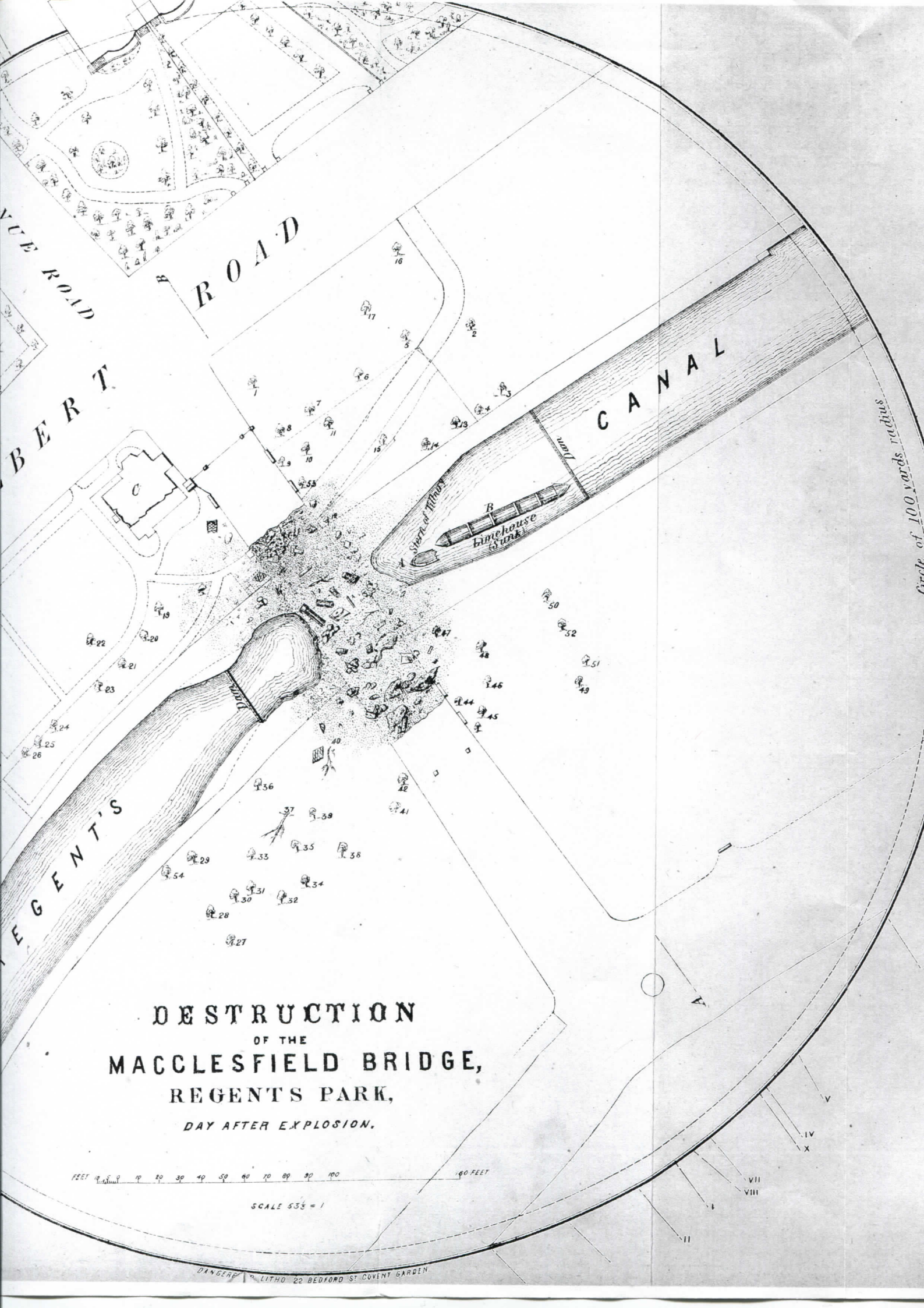
1/2 MILE
City Road Basin to Paddington 4 1/2 miles.

Dangerfield, lith. 72, Balford St. Co.

REGENTS CANAL, MERTFORD U



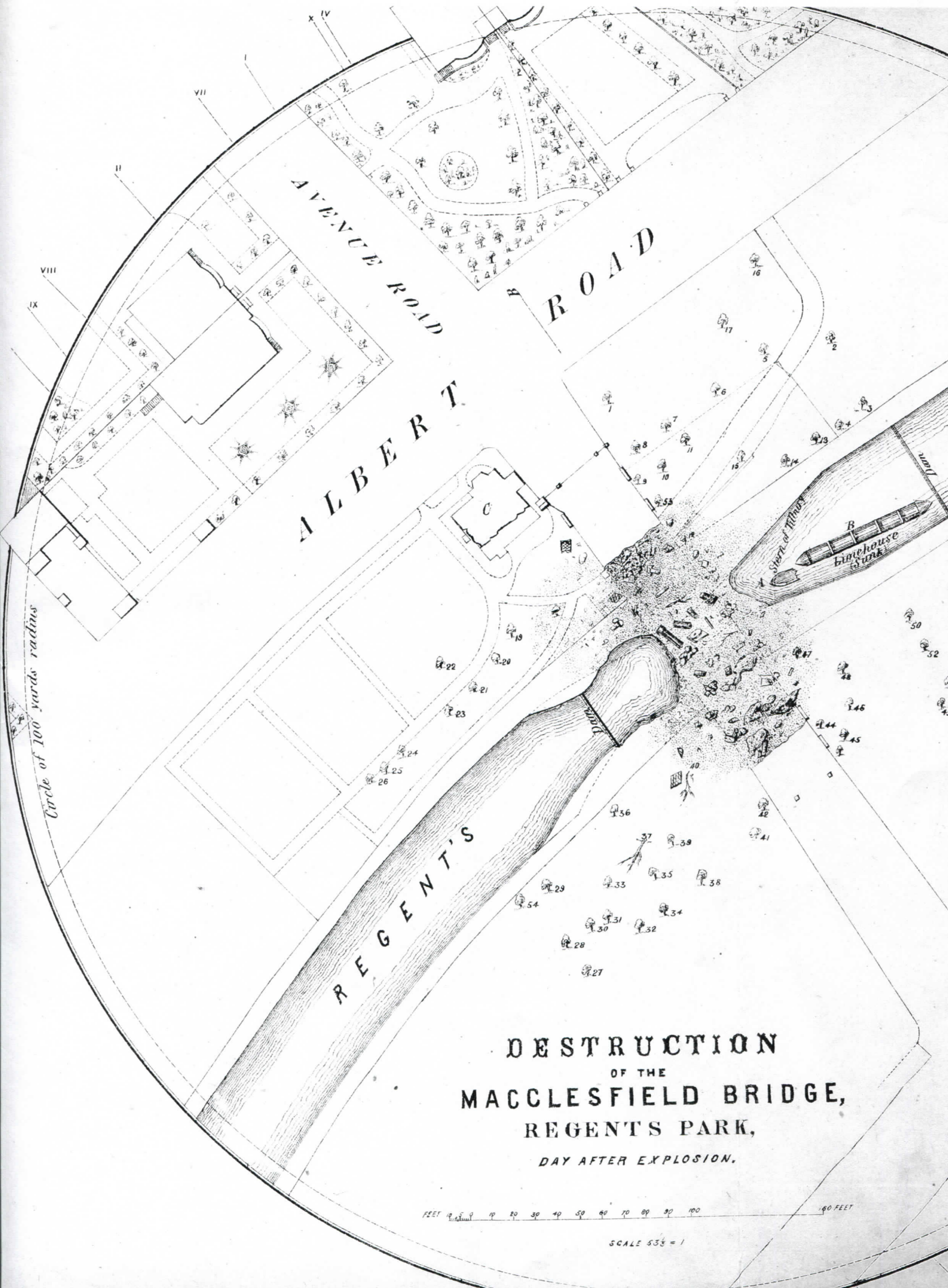
Distance from the Thames to City Road Ba



DESTRUCTION
OF THE
MACCLESFIELD BRIDGE,
REGENT'S PARK,
DAY AFTER EXPLOSION.

FEET 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200

SCALE 5 1/2" = 1



ALBERT ROAD
AVENUE ROAD

REGENT'S

briarhouse (sunk)

DESTRUCTION
OF THE
MACCLESFIELD BRIDGE,
REGENT'S PARK,
DAY AFTER EXPLOSION.

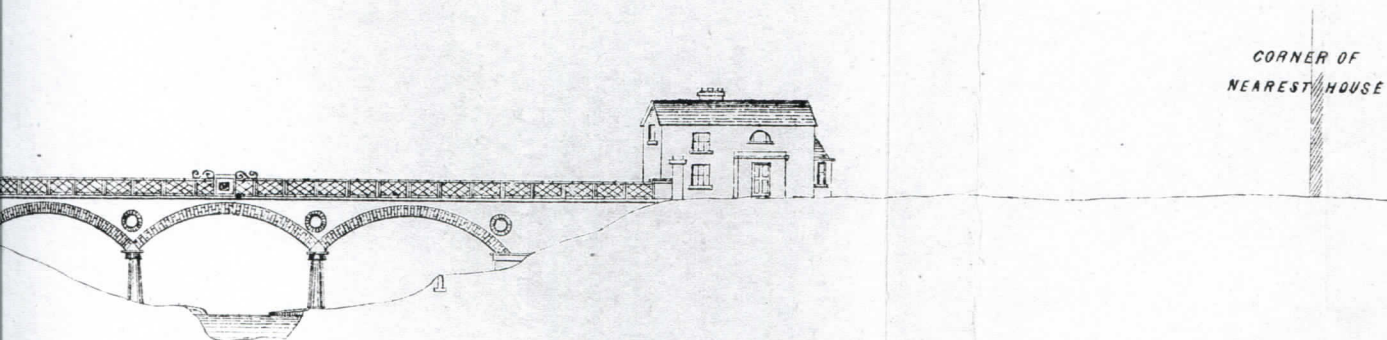
FEET 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200

SCALE 533 = 1

DANGER LITHO 22 BEDFORD ST COVENT GARDEN

REGENT'S PARK EXPLOSION.

BRIDGE BEFORE EXPLOSION.

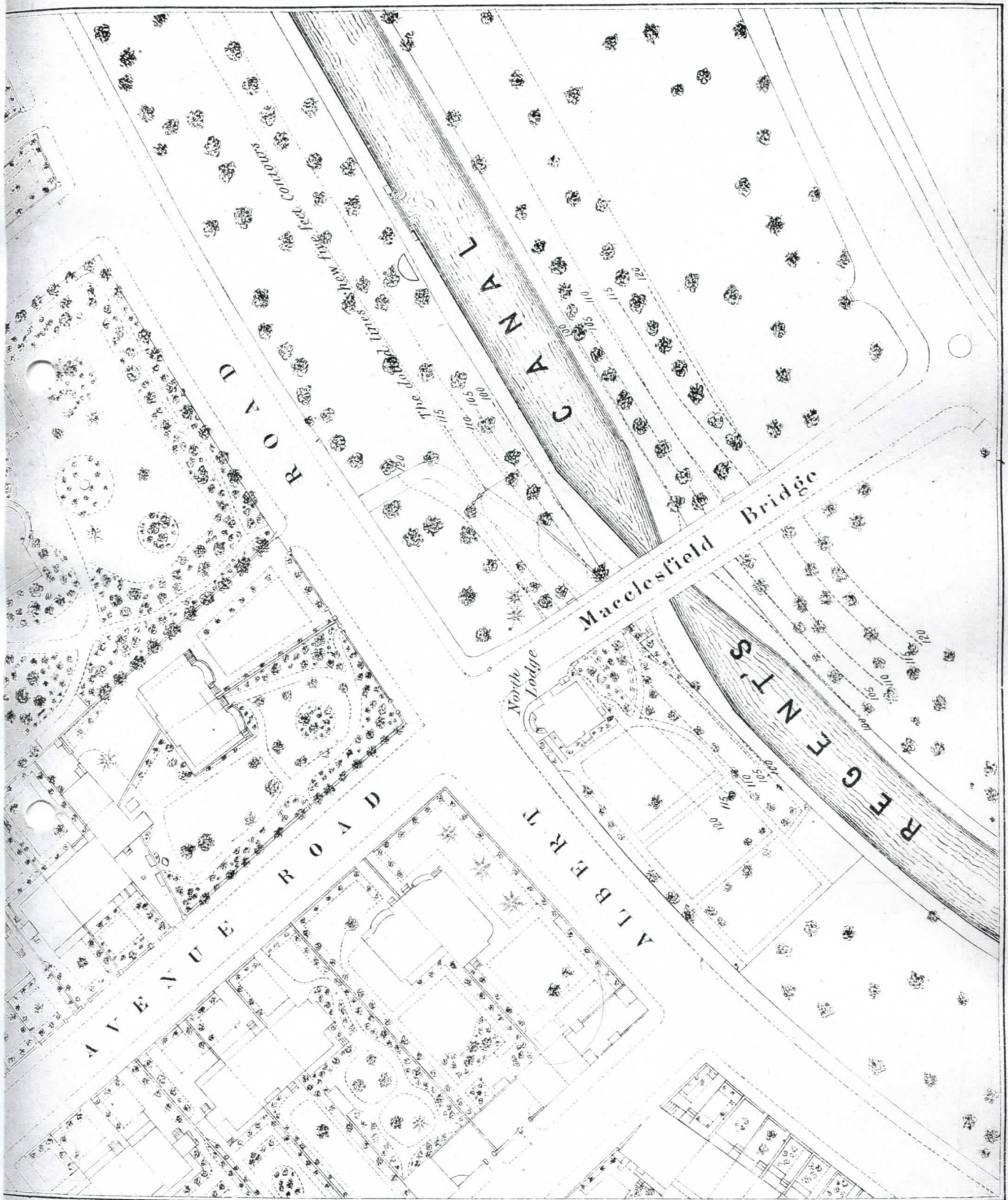


SECTION AND ELEVATION ON A.B (DRAWING C.)

SCALE 40=1"

40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 FEET

(Signed) John Prescider,
Lieut. R. Engrs.

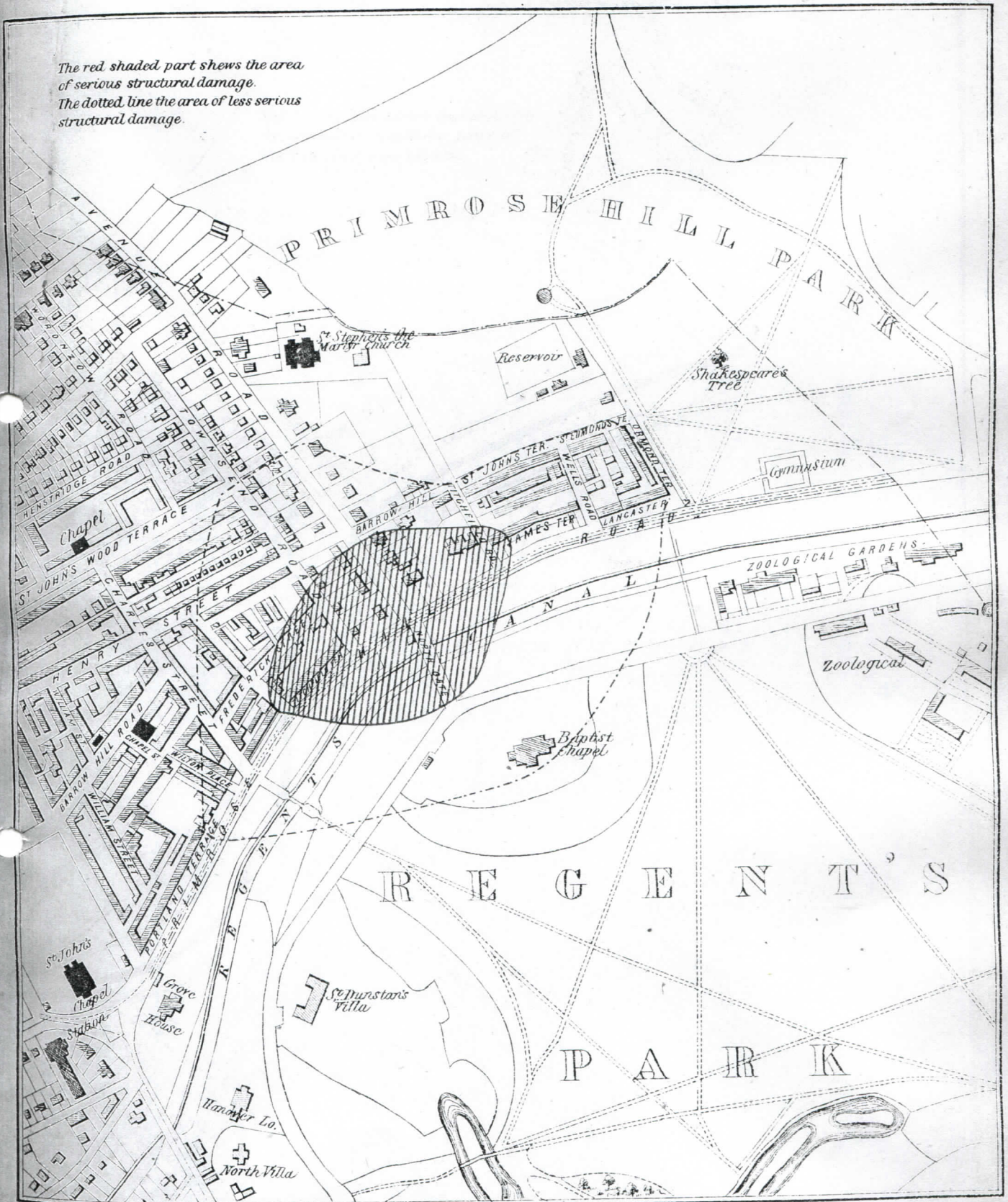


Denyerfield with London

SCALE: FIVE FEET TO ONE STATUTE MILE

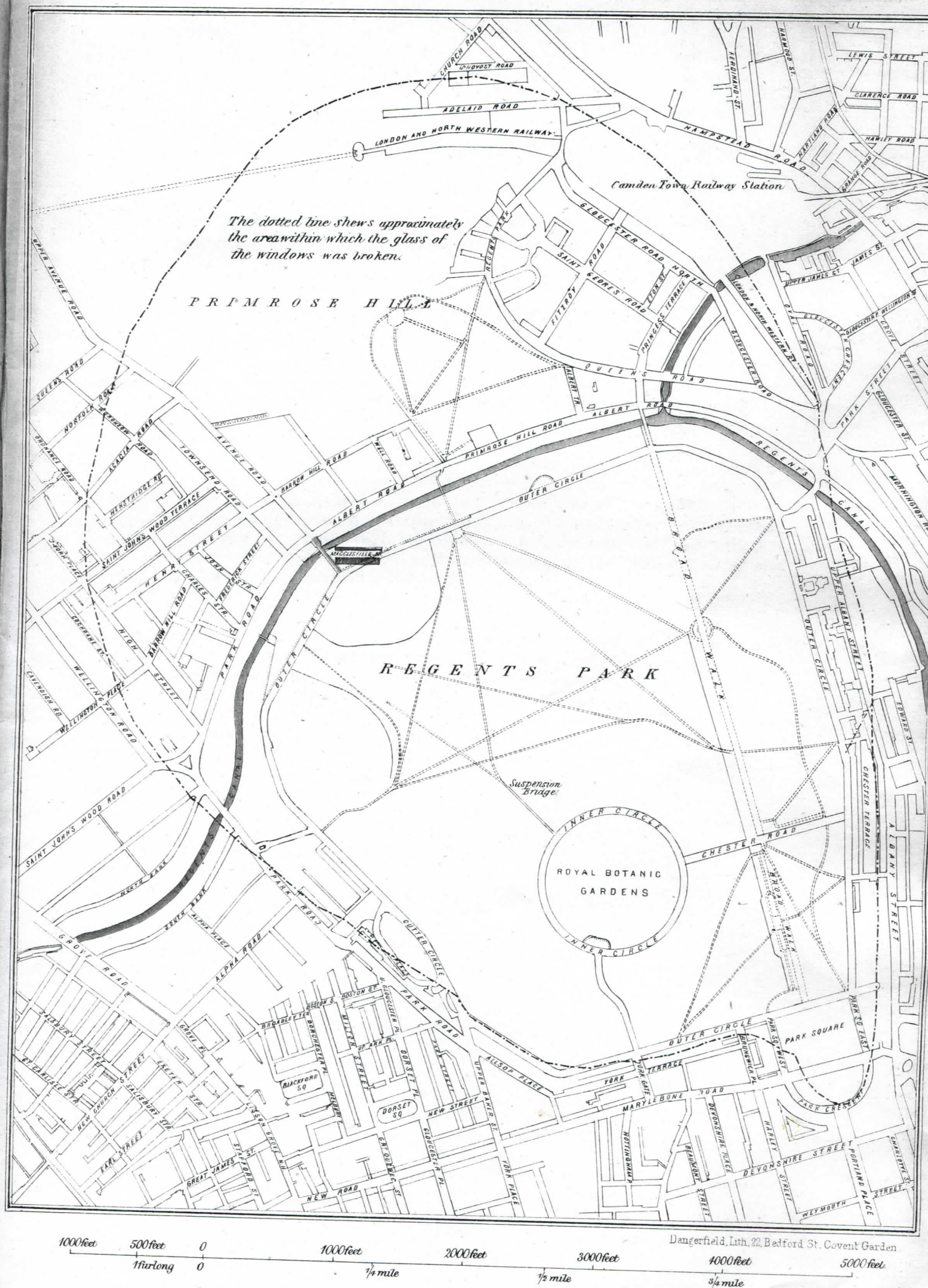
LINKS ARE 50 100 150 200 250 300 350 400 450 500 550 600 650 700 750 800 850 900 950 1000 LINKS

The red shaded part shews the area of serious structural damage.
The dotted line the area of less serious structural damage.



SCALE OF $\frac{1}{2}$ MILE





The dotted line shews approximately the area within which the glass of the windows was broken.

P R I M R O S E H L L

R E G E N T S P A R K

Suspension Bridge.

ROYAL BOTANIC
GARDENS

1000feet 500feet 0 1000feet 2000feet 3000feet 4000feet 5000feet

1/4 mile 1/2 mile 3/4 mile

Dangerfield, Lith. 22, Bedford St. Covent Garden

Scale 6 inches to the statute mile, or 880 feet to 1 mile. = $\frac{1}{10560}$