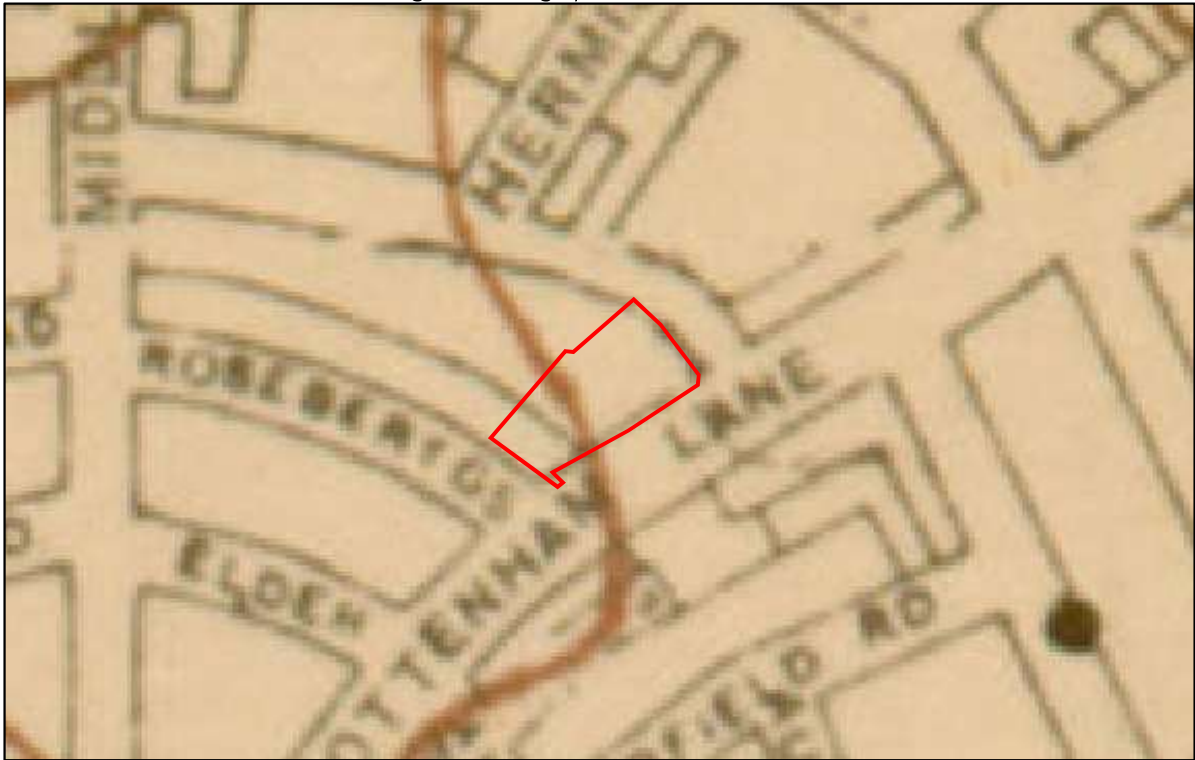
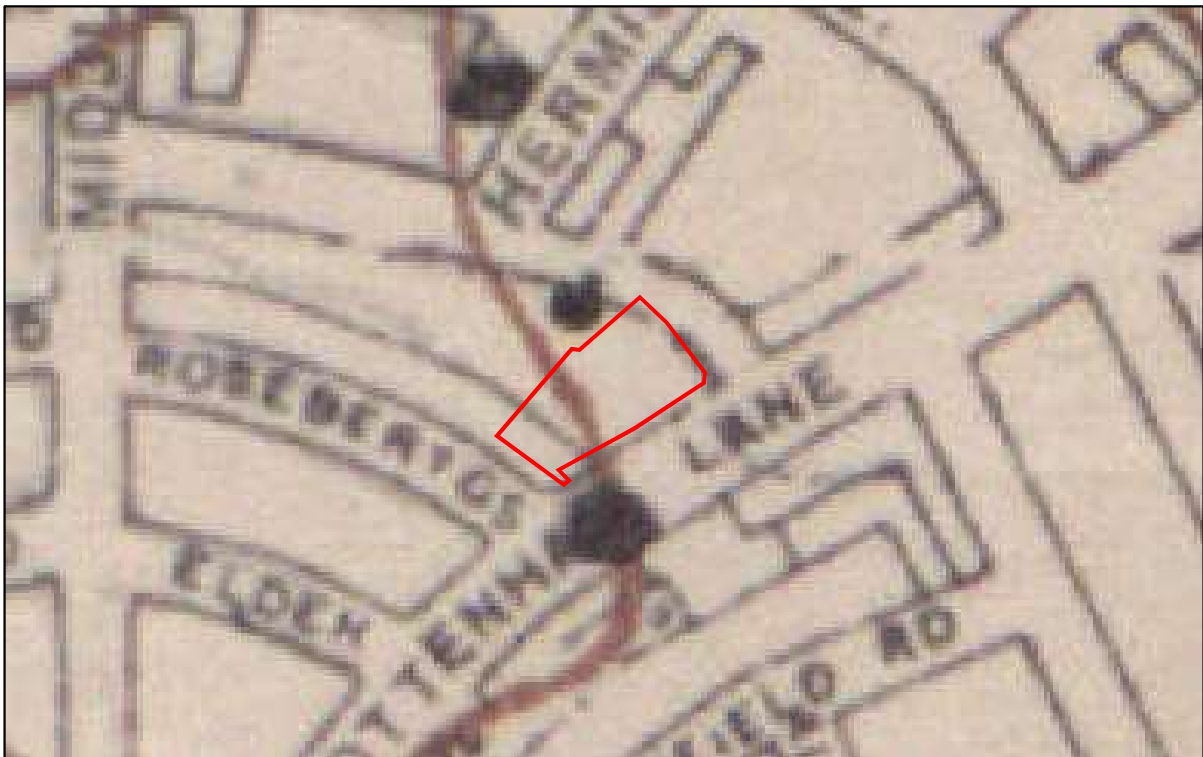


Night Bombing up to 7th October 1940

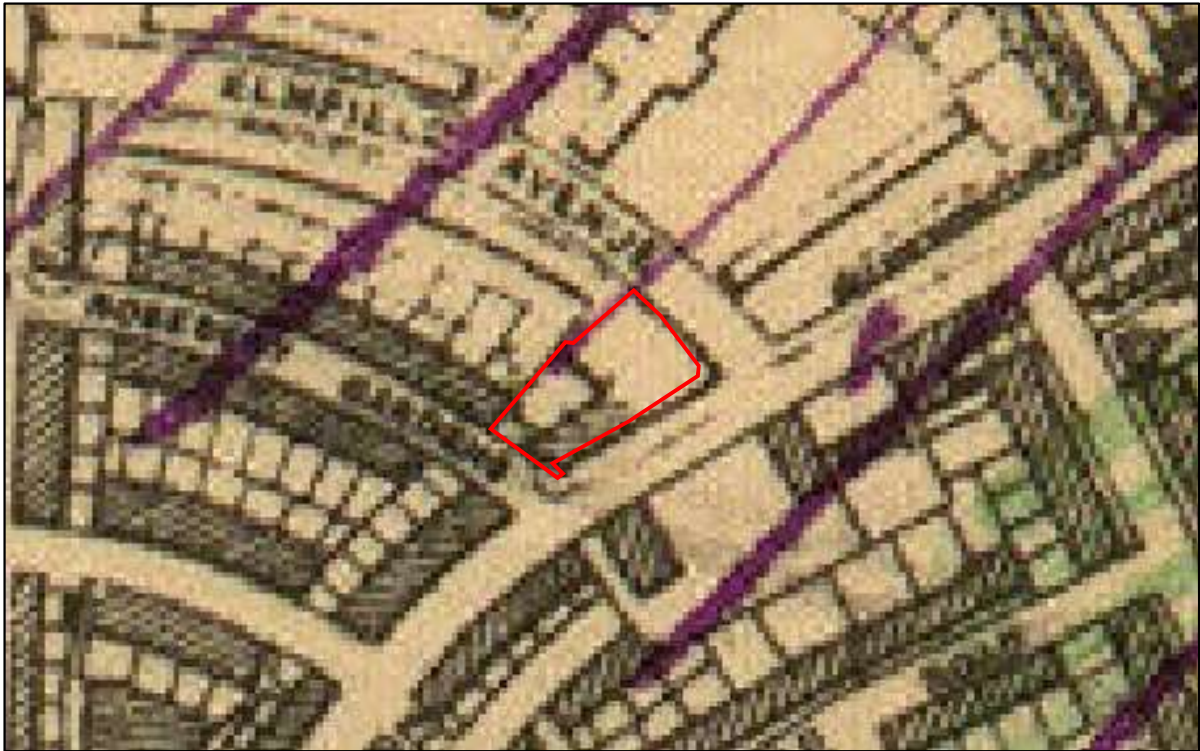


Night Bombing - 7th October 1940 to 6th June 1941

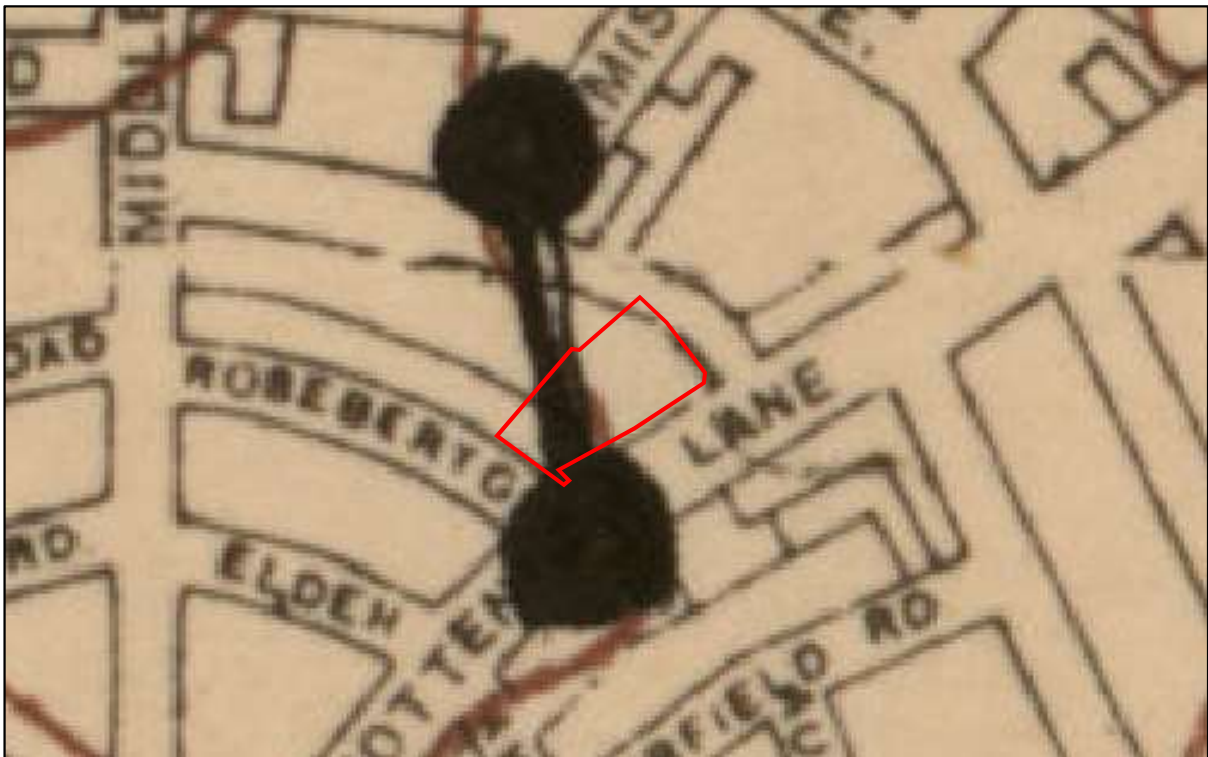


●● Recorded bomb strike

7th -14th October 1940



28th October – 4th November 1940



-  Recorded HE bomb strike
-  Recorded incendiary bomb shower
-  Recorded UXB strike
-  Recorded oil bomb strike

Key to weekly map symbol colours

Monday - Brown	Friday - Green
Tuesday - Vermilion	Saturday - Violet
Wednesday - Blue	Sunday - Yellow
Thursday - Black	



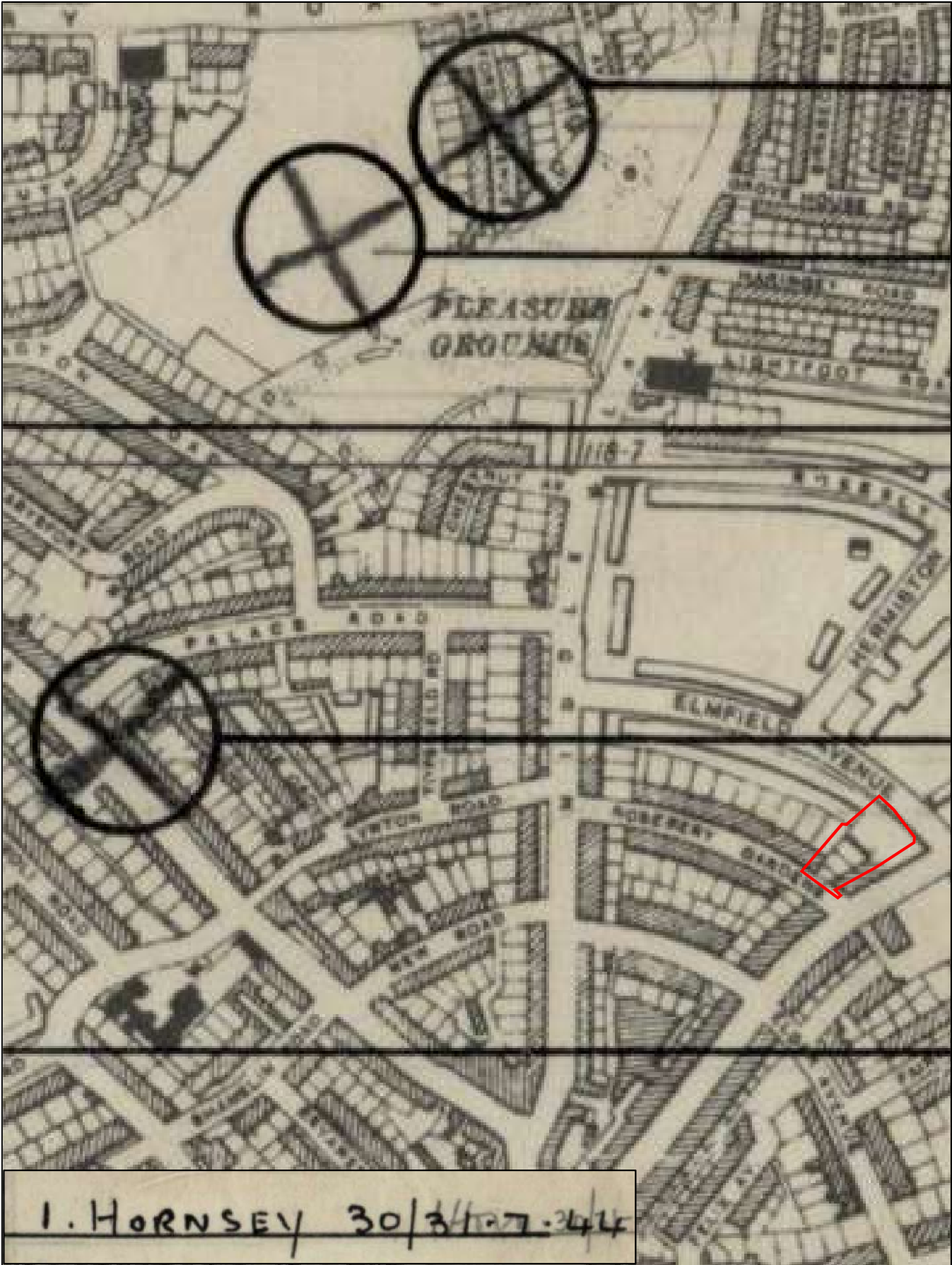
4th – 11th November 1940



- Recorded HE bomb strike
- Recorded UXB strike
- Recorded incendiary bomb shower
- Recorded oil bomb strike

Key to weekly map symbol colours
Monday - Brown Friday - Green
Tuesday - Vermilion Saturday - Violet
Wednesday - Blue Sunday - Yellow
Thursday - Black





V-1 Flying Bomb



1ST LINE DEFENCE

Unit 3, Maple Park,
Essex Road, Hoddesdon,
Hertfordshire. EN11 0EX
Email: info@1stlinedefence.co.uk
Tel: +44 (0)1992 245 020

Client: YMCA London City and North

Project: YLCAN – Crouch End

Ref: DA22141-00

Source: The National Archives, Kew

Approximate site boundary





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Ref: DA22141-00

Source: Hornsey Archives

Approximate site boundary



DATE	MESSAGE TIME	INCIDENT TIME	PARTICULARS	REMARKS
13/9/40	01.32		Major Damage 00.39 Vx B L.N.E.R. sidings Western Bank North end Hornsey. Minor bombing N.E. & I.B. Roseberry Gardens Crouch End. Fire.	No Casualties 04.36 nose of AA shell found in crater so presume caused fire

DATE	MESSAGE TIME	INCIDENT TIME	PARTICULARS	REMARKS
1/10/40	20.25	19.30	M.B. H.E. Centre of Trafalgar Park.	No. dam. or Cas.
	22.02		M.B. H.E. Tottenham Lane. Eastfield Rd. and Hamerton Avenue. (Tottenham Lane for Main of this blocked.	Damage to main
	23.47			
	22.05	21.50	M.B. Oil Bomb. Mount Pleasant Villas Ly. Mountview Road.	No fire. or Cas. Light Damage.
2/11/40	01.18	22.02	Major Damage. Flooding Tottenham Lane Damage to West Main. Tottenham Lane and Middle Lane blocked.	Cas. 6 killed 10 Slightly Wounded 6 Slightly Wounded 112 persons evacuated
	01.25	"	M.B. Finsley Rd. damage by blast from incident Elmfield Ave. gas & water main damaged. Cas unknown.	9 people evacuated.
	21.25	21.04	Damage A.E. Hampton Lane near Hampton Road. Hampton Lane blocked.	

8.11.40	19.58	19.13	Minor B. H.E. Elmfield Ave & Roseberry Gardens.	Damage to Coal Gas Services.
	20.51			
	21.13		Casualties: 6 (2 Serious).	



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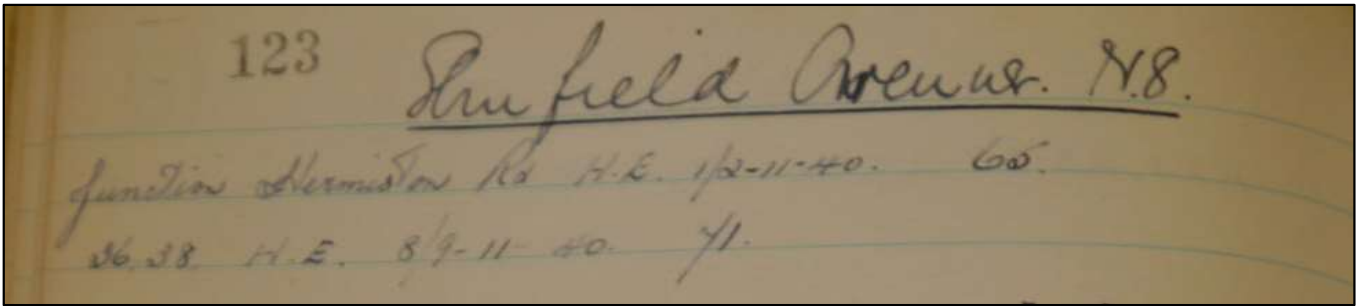
Project: YLCAN - Crouch End

Ref: DA22141-00

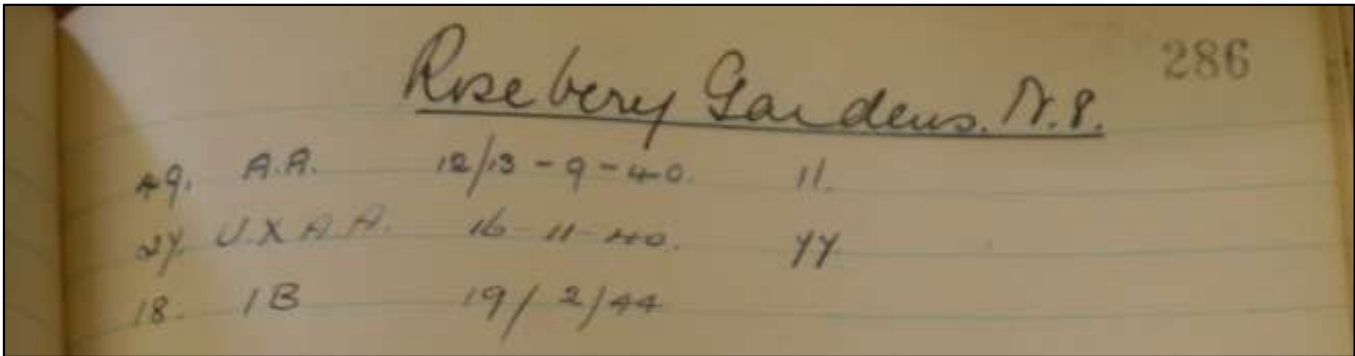
Source: London Metropolitan Archives

— Approximate site boundary

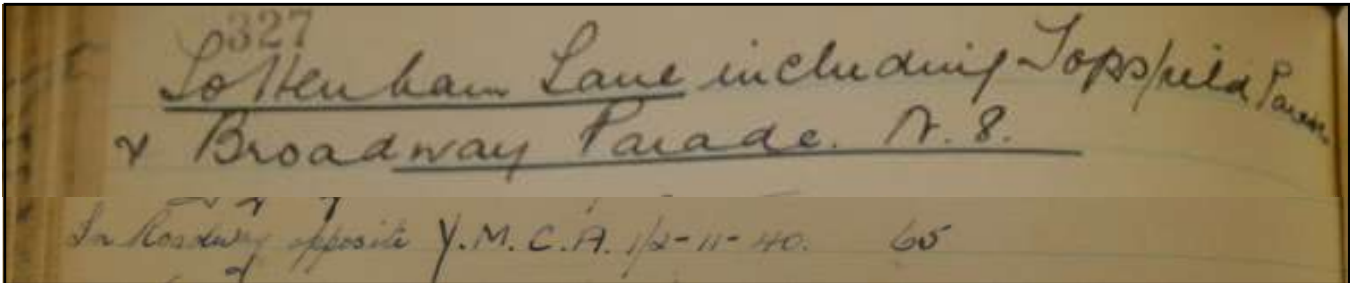




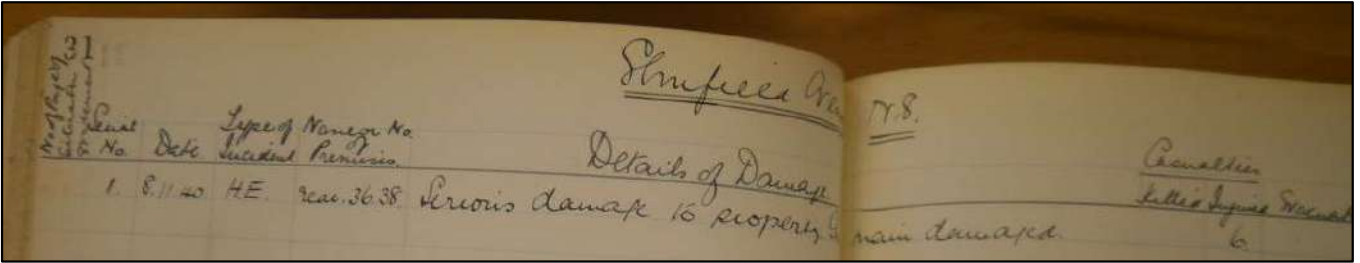
Above: Elmfield Avenue junction Hermiston Road. HE. 1st / 2nd November 1940.
Approximately 60m north-west of the site.
36, 38 Elmfield Avenue. HE. 8th / 9th November 1940. *Approximately 45m north-west of the site.*



Above: A.A. 49 Roseberry Gardens. 12th / 13th September 1940. *Approximately 20m west of the site.*
U.X.A.A. 27 Roseberry Gardens. 16th November 1940. *Approximately 90m west of the site.*
IB. 18 Roseberry Gardens. 19th February 1944. *Approximately 115m west of the site.*

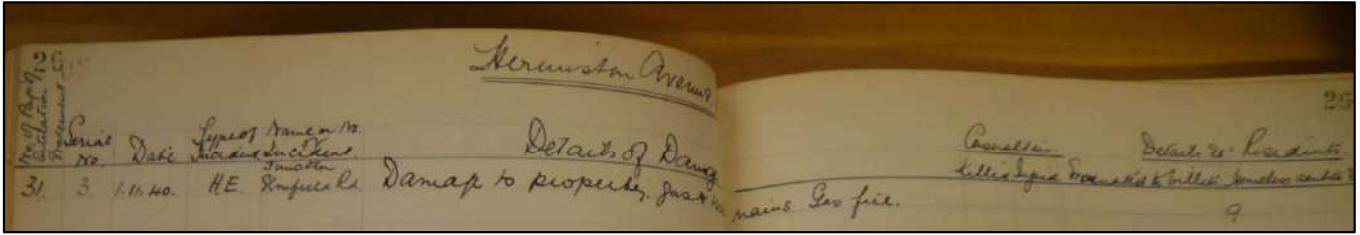


Above: In roadway opposite Y.M.C.A. 1st / 2nd November 1940.
This incident occurred directly east of the site.

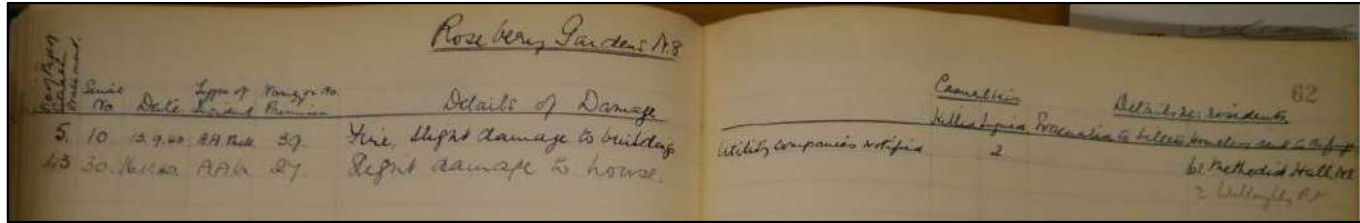


Above: HE at rear of 36 / 38 Elmfield Avenue. Serious damage to property. Main damaged. The date of this incident was 8th November 1940.

This incident occurred approximately 40m west of the site.

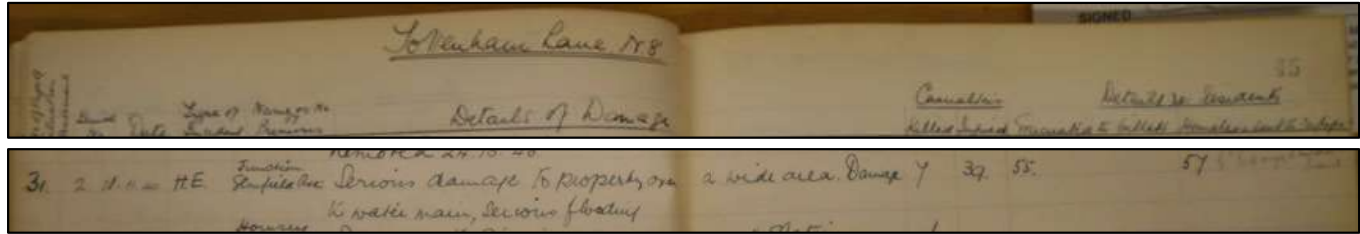


Above: Hermiston Avenue junction Elmfield Road. HE. 1st November 1940.
This incident occurred approximately 60m north-west of the site.



Above: AA Shell. 39 Rosebery Gardens. Fire, slight damage to building. The date of this incident was 13th September 1940.
This incident occurred approximately 50m west of the site.

AA U.X. 27 Rosebery Gardens Slight damage to house. The date of this incident was 16th November 1940.
This incident occurred approximately 90m west of the site.



Above: HE at junction Elmfield Avenue / Tottenham Lane. Serious damage to property on a wide area. Damage to water main, serious flooding. The date of this incident was 21st November 1940.
This incident occurred directly north-east of the site.



Category 1 - "Total damage, building to be demolished."

Category 2 - "Some repairs possible, but could become Cat 1."

Category 3 - "Border line areas, uncertain whether repairs possible, might have to be demolished."





 Clearance
 Damage



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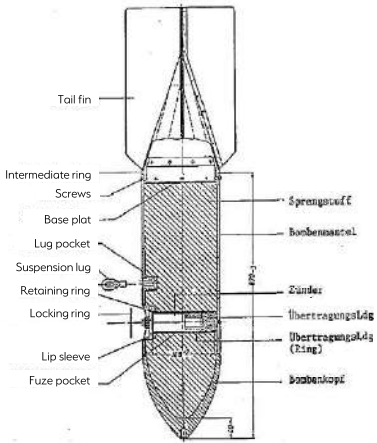
Source: National Monuments Record Office (Historic England)

 Approximate site boundary



SC 50kg High Explosive Bomb

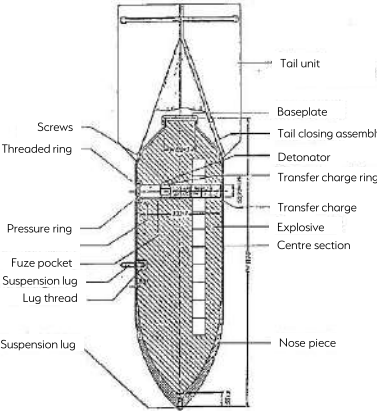
Bomb Weight	40-54kg (88-119lb)
Explosive Weight	25kg (55lb)
Fuze Type	Impact fuze/electro-mechanical time delay fuze
Bomb Dimensions	1,090 x 280mm (42.9 x 11.0in)
Body Diameter	200mm (7.87in)
Use	Against lightly damageable materials, hangars, railway rolling stock, ammunition depots, light bridges and buildings up to three stories.
Remarks	The smallest and most common conventional German bomb. Nearly 70% of bombs dropped on the UK were 50kg.





SC 250kg High Explosive Bomb

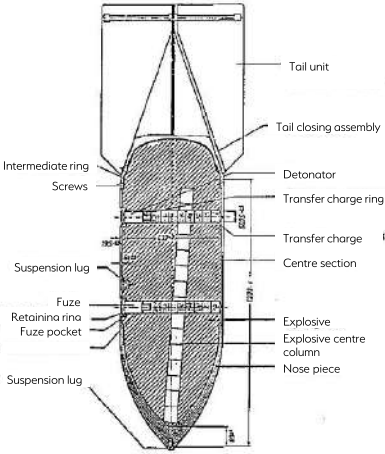
Bomb Weight	245-256kg (540-564lb)
Explosive Weight	125-130kg (276-287lb)
Fuze Type	Electrical impact/mechanical time delay fuze
Bomb Dimensions	1640 x 512mm (64.57 x 20.16in)
Body Diameter	368mm (14.5in)
Use	Against railway installations, embankments, flyovers, underpasses, large buildings and below-ground installations.
Remarks	It could be carried by almost all German bomber aircraft and was used to notable effect by the Junkers Ju-87 Stuka (Sturzkampfflugzeug, or dive-bomber).





SC 500kg High Explosive Bomb

Bomb Weight	480-520kg (1,058-1,146lb)
Explosive Weight	250-260kg (551-573lb)
Fuze Type	Electrical impact/mechanical time delay fuze
Bomb Dimensions	1957 x 640mm (77 x 25.2in)
Body Diameter	470mm (18.5in)
Use	Against fixed airfield installations, hangars, assembly halls, flyovers, underpasses, high-rise buildings and below-ground installations.
Remarks	40/60 or 50/50 Amatol TNT, Triale. Bombs recovered with Triale filling have cylindrical paper-wrapped pellets, 1-15/16in. in length and diameter.







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Project: YLCAN – Crouch End

Ref: DA22141-00

Source: Various sources

SD2 Anti-Personnel 'Butterfly Bomb'

Bomb Weight	Approx. 2kg (4.41lb)
Explosive Weight	Approx. 7.5oz (225 grams) of Amatol surrounded by a layer of bituminous composition.
Fuze Type	41 fuze (time) , 67 fuze (clockwork time delay) or 70 fuze (anti-handling device)
Body Diameter	3in (7.62 cm) diameter, 3.1in (7.874) long
Use	Designed as an anti-personnel/fragmentation weapon. They were delivered by air, being dropped in containers of 23-144 sub-munitions that opened at a predetermined height, thus scattering the bombs.
Remarks	Quite rare. First used against Ipswich in 1940, but were also dropped on Kingston upon Hull, Grimsby and Cleethorpes in June 1943, amongst various other targets in UK. As the bombs fell the outer case flicked open via springs which caused four light metal drogues with a protruding 5 inch steel cable to deploy in the form of a parachute & wind vane, which armed the device as it span.

Labels: Side wings, End wings, Bomb body, Arming spindle, Fuze, Explosive cavity

Parachute Mine (Luftmine B / LMB)

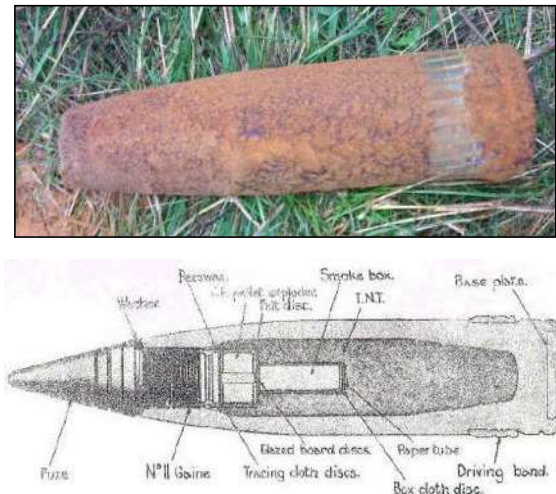
Bomb Weight	Approx. 990kg (2176lb)
Explosive Weight	Approx. 705kg (1,554lb)
Fuze Type	Impact/time delay/hydrostatic pressure fuze
Dimensions	2.64m x 0.64m (3.04m with parachute housing)
Use	Against civilian, military and industrial targets. Used as blast bombs and designed to detonate above ground level to maximise damage to a wider area.
Remarks	Deployed a parachute when dropped in order to control its descent. Had the potential to cause extensive damage within a 100m radius.

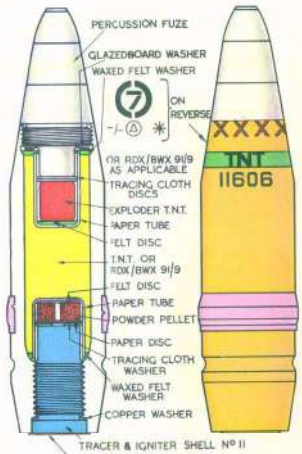
Labels: PARACHUTE RELEASE LATCH, PARACHUTE CAP, TAIL DOOR, PARACHUTE LUG, INSPECTION HOLE COVER, INSPECTION HOLE COVER, LATCH RELEASE LANYARD, UNIT COMPARTMENT, SAFETY PLUG, MK. III PSE, UNIT COMPARTMENT, ENRICHED MIXTURE, HYDROSTATIC CLOS, SUSPENSION LUG, FILLING HOLE

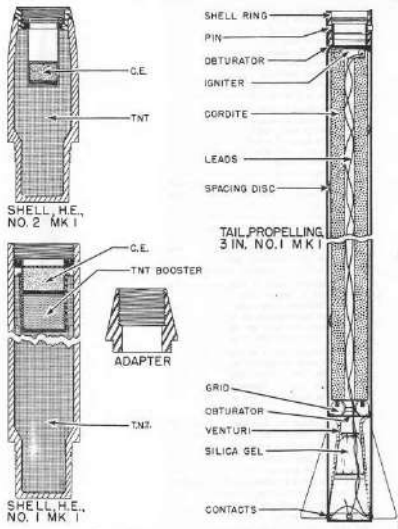
SC 1000kg High Explosive Bomb

Bomb Weight	Approx. 993-1027kg (2,189-2,264lb)
Explosive Weight	Approx. 530-620kg (1168-1367lb)
Fuze Type	Electrical impact/mechanical time delay fuze.
Filling	Mixture of 40% amatol and 60% TNT, but when used as an anti-shipping bomb it was filled with Trialen 105, a mixture of 15% RDX, 70% TNT and 15% aluminium powder.
Bomb Dimensions	2800 x 654mm (110 x 25.8in)
Body Diameter	654mm (18.5in)
Use	SC-type bombs were General Purpose Bombs used primarily for general demolition work. Constructed of parallel walls with comparatively heavy noses, they are usually of three-piece welded construction.

Labels: BASE PLATE, TAIL CONE BRACE, AFTER SECTION, FUZE POCKET, EXPLOSIVE CAVITY, SUSPENSION BAND, FORWARD SECTION

3.7 Inch QF Anti-Aircraft Projectile			
Projectile Weight	28lb (12.6 kg)		
Explosive Weight	2.52lbs		
Fuze Type	Mechanical Time Fuze		
Dimensions	3.7in x 14.7in (94mm x 360mm)		
Rate of Fire	10 to 20 rounds per minute		
Use	The 3.7in AA Mk 1-3 were the standard Heavy Anti-Aircraft guns of the British Army and were commonly used on the Home Front.		
Ceiling	30,000ft to 59,000ft		

40mm Bofors Projectile			
Projectile Weight	1.96lb (0.86kg)		
Explosive Weight	300g (0.6lb)		
Fuze Type	Impact Fuze		
Rate of Fire	120 rounds per minute		
Projectile Dimensions	40 x 180mm		
Ceiling	23,000ft (7000m)		
Remarks	Light quick fire high explosive anti-aircraft projectile. Each projectile fitted with small tracer element. If no target hit, shell would explode when tracer burnt out. Designed to engage aircraft flying below 2,000ft.		

3in Unrotated Projectile (UP) Anti-Aircraft Rocket ("Z" Battery)			
HE Projectile Weight	3.4kg (7.6lb)		
Explosive Weight	0.96kg (2.13lb)		
Filling	High Explosive – TNT. Fitted with aerial burst fuzing		
Dimensions of projectile	236 x 83mm (9.29 x 3.25in)		
Remarks	As a short range rocket-firing anti-aircraft weapon developed for the Royal Navy. It was used extensively by British ships during the early days of World War II. The UP was also used in ground-based single and 128-round launchers known as Z Batteries. Shell consists of a steel cylinder reduced in diameter at the base and threaded externally to screw into the shell ring of the rocket motor.		

1st Line Defence

Unit 3, Maple Park
Essex Road, Hoddesdon
Hertfordshire EN11 0EX

Call +44 (0) 1992 245 020

Email info@1stlinedefence.co.uk

Web www.1stlinedefence.co.uk

