

THE ROYAL GUNPOWDER FACTORY


WALTHAM ABBEY

Aqueducts, Bridges


Canals and Leats



THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 103	N.G.R. TL
NAME/FUNCTION Footbridge		START DATE 1904?	END DATE
			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME 1) 206/1/24 from west	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: 88			
CONDITION Poor			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Angle iron 4) DIMENSIONS i) L 9.4m ii) W 1.73m iii) HT 2.3m 5) The footbridge is constructed from angles with a timber deck and steps. The bridge is also utilised to carry service pipes over the canal.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 106	N.G.R. TL 37546 01935
NAME/FUNCTION Aqueduct		START DATE 1940	END DATE
			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS			
ASSOCIATED WITH: RCHM 107 OVERLIES: Old River Lee			
CONDITION Good			
DESCRIPTION			
1) CONSTRUCTIONAL MATERIAL Cast concrete			
4) DIMENSIONS i) L 10.97m ii) W 15.55m			
5) The aqueduct carries the extended canal RCHM 107 over the Old River Lee. Cast into the concrete on the west side is the date 1940.			


THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY


NUMBER	OLD SERIES	RCHME NUMBER 107	N.G.R.
NAME/FUNCTION Canal		START DATE 1904? + 1940	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS			
ASSOCIATED WITH: E14, 88, 88b, RCHM 106 CUTS: 76 OVERLIES: Old River Lee			
CONDITION Fair			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Earthwork 4) DIMENSIONS i) L 111m ii) W 4.9m iii) depth 1.1m 5) The canal forms part of the high level system. The eastern section was constructed around 1904 to serve the paste store 88. This was extended in 1940 to link the basin near traverse 76 to the formerly dead end branch at the paste house 88.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 112	N.G.R. TL 37565 01800
NAME/FUNCTION Aqueduct		START DATE 1878-9	END DATE
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME 1) 206/D/17 From south 206/D/18 From east along trough 206/H/23 From east	
RELATIONSHIPS WITH OTHER MONUMENTS			
ASSOCIATED WITH: OVERLIES: Old River Lee			
CONDITION Good			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Cast iron 4) DIMENSIONS i) L 9.32m ii) W 3.25m iii) trough depth 1.3m 5) The aqueduct carries a high level canal over the Old River Lee. The trough is constructed from two side plates each a solid casting. The trough base plates are bolted to an internal flange at the base of each of the plates. The bridge sits on brick piers at either side of the canal. The canal trough could be sealed by dropping boards into vertical slots within the brickwork. The aqueduct carried a timber walkway to either side. On the outside of each of the side plates is a cast device of a queens crown over a shield bearing the letters VR 1878.9.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 113	N.G.R. TL 37548 01761
NAME/FUNCTION Bridge		START DATE 1878.9	END DATE
			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
<p>RELATIONSHIPS WITH OTHER MONUMENTS</p> <p>ASSOCIATED WITH: RCHM 112</p>			
<p>CONDITION Good</p>			
<p>DESCRIPTION</p> <p>1) CONSTRUCTIONAL MATERIAL Brick</p> <p>4) DIMENSIONS i) L 7.3m ii) W 3.1m iii) HT parapet to canal base 4.75m</p> <p>5) The bridge was built when the high level canal system was extended in 1878. The bridge is brick with earthen embankments to either side. On either side of the parapet is a stone plaque with the following inscription 'RGPF VR 1878'.</p>			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES	RCHME NUMBER 117	N.G.R. TL 37597 01800
NAME/FUNCTION Bridge		START DATE 1878.9	END DATE
			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: RCHM 112, RCHM 113 OVERLIES: Old River Lee			
CONDITION Good			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Brick 4) DIMENSIONS i) L 10.5m ii) W 3.8m iii) HT parapet to water 4.4m 5) The bridge was built when the high level canal system was extended in 1878. The bridge is brick with earthen embankments to either side. On either side of the parapet is a stone plaque with the following inscription 'RGPF VR 1878'.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 119	N.G.R. TL 37480 01487
NAME/FUNCTION Leat	START DATE		END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS			
ASSOCIATED WITH:			
CONDITION Poor			
DESCRIPTION			
1) CONSTRUCTIONAL MATERIAL Earthwork			
4) DIMENSIONS i) L 20.5m ii) W 7m iii) depth 1.2m			
5) Leat part water filled, the western end has been partially filled by dumping.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES	RCHME NUMBER 120	N.G.R. TL37465 01487
NAME/FUNCTION Bridge		START DATE	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS			
ASSOCIATED WITH:			
CONDITION: Poor			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Brick and railway sleepers 4) DIMENSIONS i) L 7m ii) W 4.5m 5) Rough brick bridge constructed from unmortared bricks, a concrete pipe and railway sleepers. There is an earthwork causeway to either side.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 122	N.G.R. TL37800 01095
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NAME/FUNCTION Bridge	START DATE	END DATE
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NO PHOTOGRAPHY
AVAILABLE

CARTOGRAPHIC DEPICTION

DOCUMENTARY REFERENCES

PHOTOGRAPHY
HISTORIC

TOGRAPHY
RCHME

RELATIONSHIPS WITH OTHER MONUMENTS


ASSOCIATED WITH:

CONDITION Fair

DESCRIPTION

- 1) CONSTRUCTIONAL MATERIAL
Timber and brick
- 4) DIMENSIONS i) L ii) W 2.5m iii) HT 1.95m
- 5) The present bridge is constructed from timber and was used to carry steam pipes over the canal. Immediately north of this bridge are the brick piers of a former footbridge, incorporated into these piers are a vertical slots into which boards could be placed to seal the channel. The bricks of the footbridge are similar to those used in the 1878 bridges.

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 123	N.G.R. TL37805 01065
NAME/FUNCTION Footbridge	START DATE 196?	END DATE	
			
CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES		
PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME 1) 206/E/7 From south		
RELATIONSHIPS WITH OTHER MONUMENTS			
ASSOCIATED WITH:			
CONDITION	Fair		
DESCRIPTION			
1)	CONSTRUCTIONAL MATERIAL Brick, RSJ, timber		
4)	DIMENSIONS i) L ii) W 1.7m iii) HT 2.65m		
5)	The footbridge consists of a RSJ supported on a brick pier either side of the canal. This beam carries a timber deck with hand rails, there are wooden steps at either end.		

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER

OLD SERIES

RCHME NUMBER

126

N.G.R.

TL 37765 01017

NAME/FUNCTION

Footbridge

START DATE

END DATE



CARTOGRAPHIC DEPICTION

DOCUMENTARY REFERENCES

PHOTOGRAPHY
HISTORIC

PHOTOGRAPHY
RCHME

1) 206/E/8 From west

RELATIONSHIPS WITH OTHER MONUMENTS

ASSOCIATED WITH:


CONDITION Good

DESCRIPTION

- 1) CONSTRUCTIONAL MATERIAL
 Angle iron
- 4) DIMENSIONS i) L ii) W 1.4m iii) HT 2m
- 5) Footbridge north of the power house A210.

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 130	N.G.R. TL 37735 01000
NAME/FUNCTION Bridge	START DATE		END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS			
ASSOCIATED WITH:			
CONDITION Good			
DESCRIPTION			
1) CONSTRUCTIONAL MATERIAL Steel			
4) DIMENSIONS i) L 12.37m ii) W 4.11m iii) HT 1.55m			
5) Bridge			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES	RCHME NUMBER 132	N.G.R. TL 37725 00877
NAME/FUNCTION Cast iron bridge		START DATE 1832	END DATE
			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME 1) 206/E/22 from north east	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH:			
CONDITION Good			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Cast iron 4) DIMENSIONS i) L 7m ii) W 3.9m 5) The bridge is supported on cast iron ribs set on brick abutments. The date 1832 is cast on the bridge's side. The bridge has also been used to carry service pipes that are slung along the eastern side. The eastern rib of the bridge is partly damaged.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 133	N.G.R. TL 37690 00992
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NAME/FUNCTION Footbridge	START DATE	END DATE
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CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES
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PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME 1) 206/E/24 From north
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RELATIONSHIPS WITH OTHER MONUMENTS

ASSOCIATED WITH:


CONDITION	Good
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DESCRIPTION

- 1) CONSTRUCTIONAL MATERIAL
RSJ and timber
- 4) DIMENSIONS i) L 6.85m ii) W 1.64m
- 5) Modern footbridge constructed from an RSJ with a timber deck fixed to it. The bridge is also used to carry services over the leat.

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 134	N.G.R. TL37676 00931
NAME/FUNCTION Footbridge		START DATE	END DATE
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME 1) 206/K/6 From south 206/S/33 From south 206/S/34 From west	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: Millhead Sream RCHME 296			
CONDITION Good			
<p>DESCRIPTION</p> <p>1) CONSTRUCTIONAL MATERIAL Angle iron and timber</p> <p>4) DIMENSIONS i) L ii) W 1.3m</p> <p>5) Footbridge to west of lecture theatre A203</p>			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES	RCHME NUMBER 135	N.G.R. TL 37650 00994
NAME/FUNCTION Sluice at south end of Millhead stream		START DATE	END DATE 195?
			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME 1) 206/K/5 From south	
RELATIONSHIPS WITH OTHER MONUMENTS PART OF: Millhead Stream RCHME 296			
CONDITION Fair			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Brick 4) DIMENSIONS i) L 14.6m ii) W 8.8m iii) depth 2m 5) The sluices at the southern end of Millhead stream are brick built capped by sandstone blocks. The flow of water from Millhead stream was controlled by sluice boards slotted into diagonal slots in the brick work. There was no access between the upper and lower system for barges at this point.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 151	N.G.R. TL 37726 01675
NAME/FUNCTION Footbridge	START DATE		END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH:			
CONDITION Fair			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Angle irons 4) DIMENSIONS i) L 11.9m ii) W 1.59m 5) Footbridge constructed from angle irons with timber deck, carries services along north side.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 155	N.G.R. TL 37680 01500
NAME/FUNCTION Pond	START DATE	END DATE	
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES		
PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME		
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH:			
CONDITION	Fair		
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Earthwork 4) DIMENSIONS i) L 31m ii) W 19m 5) The pond is rectangular in shape, in the centre of the pond is a low island 7.5m x7.5m. The pond is partly filled by rubbish.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 156	N.G.R. TL 37583 01600 37645 01473
NAME/FUNCTION Leat	START DATE	END DATE	
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES		
PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME		
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH:			
CONDITION	Fair		
DESCRIPTION			
1) CONSTRUCTIONAL MATERIAL Earthwork			
5) Remains of a low level leat to the east of L109, the northern end of the leat is dry while the southern end still retains some water.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 170	N.G.R. TL 37442 01640
NAME/FUNCTION Aqueduct		START DATE 1806-27?	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH:			
CONDITION Good			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Brick 4) DIMENSIONS i) L 6.4m ii) W 12.5 iii) HT 2.25m + 5) The brick aqueduct carries the canal to press house 103 over a low level leat. The aqueduct has sandstone sills. Concrete bases on the tow path probably mark the site of a footbridge.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES	RCHME NUMBER 179	N.G.R. TL 37530 01635
NAME/FUNCTION Canal		START DATE 1878	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS OVERLIES: RCHM 181			
CONDITION Poor			
<p>DESCRIPTION</p> <p>1) CONSTRUCTIONAL MATERIAL Earthwork</p> <p>5) The canal was constructed during the extension of the higher level canal system in 1878. The canal was retained within an earthen embankment. The canal was revetted in timber along the western towpath was anarrow guage railway servoing L105 and L108. At the southern end of the canal lock RCHM 225 gave access into the lower water system. The canal is carried over leat RCHM 181 by a brick aqueduct RCHM180.</p> <p> Most of the canal has been infilled by rubble and rubbish and a tarmac road laid over the top.</p>			


THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 180	N.G.R. TL 37552 01598
NAME/FUNCTION Aqueduct		START DATE 1878	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS PART OF: RCHM 179 OVERLIES: RCHM 181			
CONDITION Fair			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Brick 4) DIMENSIONS i) L north to south 2.8m ii) W 12.1m 5) The brick aqueduct carries canal RCHM 179 over leat RCHM 181. The aqueduct is brick faced on its west and eastern sides with tie rods running through.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 181	N.G.R. TL 37456 01586 37670 01623 37691 01566
NAME/FUNCTION Leat	START DATE	END DATE	
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES		
PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME		
RELATIONSHIPS WITH OTHER MONUMENTS UNDERLIES: RCHM 181			
CONDITION	Fair		
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Earthwork 4) DIMENSIONS ii) W 6.2m 5) Low level earthwork leat.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 182	N.G.R. TL 37437 02290
NAME/FUNCTION Footbridge		START DATE 189?	END DATE
			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: 27			
CONDITION Poor			
<p>DESCRIPTION</p> <p>1) CONSTRUCTIONAL MATERIAL Angle irons and timber deck</p> <p>4) DIMENSIONS i) L 10.95m ii) W 1.59m</p> <p>5) The footbridge is constructed from angle irons with timber steps and deck, now rotten. It has been partly buried by gravel dredged from the river Lee.</p>			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 184	N.G.R. TL 37654 01449
NAME/FUNCTION		START DATE	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH:			
CONDITION GOOD: FAIR: POOR: VERY BAD: DESTROYED: ?BURIED:			
<p>DESCRIPTION</p> <p>1) CONSTRUCTIONAL MATERIAL a) BRICK b) CONCRETE c) BRICK AND CONCRETE d)TIMBER e) CAST IRON f) CORRUGATED IRON</p> <p>2) ROOF MATERIALS AND STRUCTURE a) SLATE b) TILE c) BRICK d) CONCRETE e) TIMBER AND SHEETING f) CORRUGATED IRON</p> <p>3) POWER SOURCE a) MUSCLE b) WATER c) STEAM d) GAS e) ELECTRICITY f) COMBUSTION ENGINE</p> <p>4) DIMENSIONS i) L ii) W iii) HT iv)DIA</p> <p>5)</p>			




THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES	RCHME NUMBER 191	N.G.R. TL 37424 01922
NAME/FUNCTION Footbridge		START DATE	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: 83b			
CONDITION Bad			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Timber 4) DIMENSIONS i) L 5.6m ii) W 1.4m 5) Timber trestles survive on the west and east side of the leat.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 212	N.G.R. TL 37575 02116
NAME/FUNCTION Pipe bridge	START DATE	END DATE	
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: RCHM 209			
CONDITION Poor			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Timber 4) DIMENSIONS i) L 13.2m ii) W 2.2m iii) HT 2.35m 5) This bridge supported on timber trestles on the north and south bank carried pipeline RCHM 209 over the old river Lee. It also carried a walk way along its eastern side.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 214	N.G.R. TL 37584 02131
NAME/FUNCTION Cast Iron Aqueduct Bridge		START DATE 1878-9 1940?	END DATE 1940? 197?
			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS			
ASSOCIATED WITH:			
CONDITION Good			
<p>DESCRIPTION</p> <p>1) CONSTRUCTIONAL MATERIAL Cast Iron</p> <p>4) DIMENSIONS i) L 9.8m ii) W 3.1m iii) Trough depth 1.45m</p> <p>5) The cast iron trough carried a high level canal over the old river Lee. The trough is set on brick piers on the north and south bank of the Lee, the piers capped by granite templates on which the aqueduct rests. The aqueduct is formed from two side plates each a single casting. In the centre of each plate is a cast device consisting of a queens crown the letters VR and a date 1878-9. The bottom plate of the trough is bolted to an internal flange at the base of each of the side plates. Each side of the trough formerly carried a timber walkway.</p> <p>Around 1940 the canal which the trough carried was filled and the aqueduct converted into a bridge. This conversion was effected by placing longitudinal RSJs at the top of the trough and laying a timber deck over. the former canal trough was then used to house a number of service pipes.</p>			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES	RCHME NUMBER 225	N.G.R. TL 37630 01475
NAME/FUNCTION Canal Lock		START DATE 1878	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS			
ASSOCIATED WITH:			
CONDITION	Good		

DESCRIPTION

- 1) **CONSTRUCTIONAL MATERIAL**
Grey engineering brick in English bond, granite, timber gates
- 3) **POWER SOURCE**
Muscle
- 4) **DIMENSIONS** i) L 21m ii) W 3.8m iii) depth 2.6m
- 5) The canal lock controls access between the upper and lower canal systems within the factory. It was built in 1878 when the upper system was enlarged. The lock consists of a chamber 9.4m in length with three rubbing posts on either side. Entry into the chamber was controlled by double gates at either end. Water was let into the lock through two valves at the northern end outside the chamber. The valves were controlled by screw threads either side of the gates, these were fixed to granite blocks inscribed 'IN'. By opening the valves it allowed water to discharge through a pipe into the chamber. The northern doors are 1.5m in height, the doors at the southern end are 2.5m in height. The discharge of water from the lower southern end was also controlled by valve mechanism. A pipe either side of the chamber connected to valves on the outside and by turning the wheel on top of the valve it could be opened. The wheel and thread was also mounted on a granite block in this case inscribed 'OUT'. The lock could be sealed by dropping boards into vertical slots at the northern end of the chamber.

The bricks used in the construction of the lock were made by 'Joseph Hamble West Bromwich', in common with a number of 1878 dated bridges within the RGPF.

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 228	N.G.R. TL 37680 02106
NAME/FUNCTION Road bridge	START DATE	END DATE	
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES		
PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME		
RELATIONSHIPS WITH OTHER MONUMENTS			
ASSOCIATED WITH: Cornmill stream			
CONDITION	Good		
DESCRIPTION			
1) CONSTRUCTIONAL MATERIAL Concrete			
4) DIMENSIONS i) L 7.5m ii) W 3.05m			
5) The bridge is constructed from concrete slabs over RSJs supported on concrete piers. The bridge crosses a small leat from Cornmill stream, there is no sluice control into the RGPF site at this point.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 230	N.G.R. TL 37516 01795
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NAME/FUNCTION Road Bridge	START DATE	END DATE
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NO PHOTOGRAPHY
AVAILABLE

CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES
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PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME
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RELATIONSHIPS WITH OTHER MONUMENTS
ASSOCIATED WITH: Old River Lee

CONDITION Poor

DESCRIPTION

- 1) **CONSTRUCTIONAL MATERIAL**
Brick in English bond and concrete

- 4) **DIMENSIONS** i) L 4.8m ii) W 3.1m iii) HT 2.5

- 5) Bridge to the west of Dining room 96. At the core of this bridge is a brick bridge with a sandstone keystone. The bridge has been widened by the addition of a concrete slab on the south side. The bridge carries the road over a leat joined to the old river Lee, the flow of water into the leat could be closed by dropping of boards into slots on the north side of the bridge.

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 238	N.G.R. TL 37715 02041
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NAME/FUNCTION Cattlegate bridge	START DATE 1940?	END DATE
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NO PHOTOGRAPHY
AVAILABLE

CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES
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PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME
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RELATIONSHIPS WITH OTHER MONUMENTS
ASSOCIATED WITH: Cornmill stream

CONDITION Good

DESCRIPTION

- 1) CONSTRUCTIONAL MATERIAL
 Steel

- 4) DIMENSIONS i) L 15.41m ii) W 4.13m

- 5) 'Bailey' type bridge constructed from five segments each 3.02m in length set on brick abutments.
 MK II in welded letters appears at either end of the bridge.

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 250	N.G.R. TL 37610 02175
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NAME/FUNCTION Cast Iron Aqueduct	START DATE ?1914	END DATE
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NO PHOTOGRAPHY
AVAILABLE

CARTOGRAPHIC DEPICTION 1914 WASC 901/196 1923 WASC 900/84	DOCUMENTARY REFERENCES
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PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME 1) 206/O/24 From West 206/O/25 Interior from South 206/O/29 Interior from North 2)BB92/26289 Cast Iron Aqueduct
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RELATIONSHIPS WITH OTHER MONUMENTS

Associated with: RCHME 290

CONDITION Fair


DESCRIPTION

- 1) CONSTRUCTIONAL MATERIAL
Cast Iron
- 4) DIMENSIONS i) L 14m ii) W 3.8m iii) HT 1.31m
- 5) The cast iron aqueduct was constructed to carry a new canal cut over the Old River Lea to the west of Newton's Pool RCHME 276. The aqueduct was supported on brick piers in English bond either side of the Old River Lea. Vertical slots on the interior of the brick work mark the positions of blocking boards that would enable the aqueduct to be isolated for maintenance or in the event of a leak. Unlike the other two cast aqueducts within the factory this one was of a composite construction, the cast iron side plates resting on RSJs to either side of the bridge. Each side of the aqueduct was composed of six cast iron plates bolted together and to these were bolted the cast iron base plates, now largely missing. These were of a two piece construction, with a lower upwardly curving plate with a flat bed plate laid on the top. Iron brackets bolted to the side plates formerly carried a wooden walkway linking to the tow paths either side of the aqueduct.


The base of the trough is 0.9m above the surface of the Old River Lea, the estimated water level within the trough around 1.7m above the surface of the river.


Historic artefacts: the missing base plates may survive beneath the aqueduct in the Old River Lea


THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 254	N.G.R. TL 37585 02200
NAME/FUNCTION Footbridge		START DATE 189?	END DATE
			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS			
ASSOCIATED WITH:			
CONDITION Fair			
<p>DESCRIPTION</p> <p>1) CONSTRUCTIONAL MATERIAL Iron and timber</p> <p>4) DIMENSIONS i) L 9.48m ii) W 0.97m iii) HT 3.6m (above canal base)</p> <p>5) The bridge is attached to its brick and cast concrete piers by vertical bolts set into a sandstone slab. The bridge is semi-circular in shape. The span is formed by a curved T iron, as is the hand rail joined by rivetted bracing irons. The deck of the bridge is timber. A boot scraper is provided by the south west corner of the bridge.</p>			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 269	N.G.R. TL 37675 01395
NAME/FUNCTION Road Bridge		START DATE	END DATE
			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS			
CONDITION Good			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Concrete 4) DIMENSIONS i) L 12.53m ii) W 4.26m 5) Modern road bridge constructed from reinforced concrete with metal handrails.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES	RCHME NUMBER 270	N.G.R. TL 37736 01256
NAME/FUNCTION Footbridge		START DATE	END DATE
			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS			
CONDITION Good			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Steel with timber deck 4) DIMENSIONS i) L 9.78 ii) W 1.58 5) Footbridge resting on two RSJs with a timber deck and handrails to either side.			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES	RCHME NUMBER 271	N.G.R. TL 37793 01115
NAME/FUNCTION Bailey type road bridge		START DATE 1940?	END DATE
			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS			
CONDITION Good			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Steel with timber deck 4) DIMENSIONS i) L 12.37 ii) W 5.43 5) Bailey type road bridge with attached footbridge to the north. Also used to carry service pipes. The letters MKII are in welded letters on either end of the bridge.			

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THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES	RCHME NUMBER 276	N.G.R. TL 37640 02222
NAME/FUNCTION Newton's Pool		START DATE	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC RCHME Neg No. BB92/16721 (also PRO Supply %/861 photo No. 385) Snow scene Newton's Pool 22.12.38		PHOTOGRAPHY RCHME 2) BB92/26212 From southeast	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: S34, S35, S36, S37, S38, S50			
CONDITION Fair			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL 5)			

For Survey 5/860
101 102.103 1897.

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 280	N.G.R. TL 37680 02616 37890 01688
NAME/FUNCTION Cornmill Stream		START DATE	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
<p>RELATIONSHIPS WITH OTHER MONUMENTS</p> <p>ASSOCIATED WITH: PART OF: Low Level System CONSISTS OF:</p> <p>CUTS: CUT BY: ABUTTS: ABUTTED BY: OVERLIES: UNDERLIES:</p>			
CONDITION			
<p>DESCRIPTION</p> <p>1) CONSTRUCTIONAL MATERIAL Earthwork</p> <p>4) DIMENSIONS i) L ii) W iii) Depth</p> <p>5)</p>			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 281	N.G.R. TL 37558 02569 37626 02523
NAME/FUNCTION Canal		START DATE pre 1783	END DATE 1957-1960
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION 1783 WASC 900/01 + MR 593		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: Cornmill/Horsemill Streams RCHME 296, 1, 2a, 4, 8 PART OF: High Level System			
CONDITION Filled			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Earthwork 4) DIMENSIONS i) L ii) W iii) Depth 5)			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 282	N.G.R. TL 37654 02630 37455 01372
NAME/FUNCTION Horsemill Stream	START DATE	END DATE	
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES		
PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME		
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: PART OF: High Level System			
CONDITION			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Earthwork 4) DIMENSIONS i) L ii) W iii) Depth 5)			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER

OLD SERIES

RCHME NUMBER
283

N.G.R.
TL 37622 02519

NAME/FUNCTION
Canal

START DATE
1903

END DATE
1960-1970

NO PHOTOGRAPHY
AVAILABLE

CARTOGRAPHIC DEPICTION

1923 WASC 900/84

DOCUMENTARY REFERENCES

PHOTOGRAPHY
HISTORIC

PHOTOGRAPHY
RCHME

RELATIONSHIPS WITH OTHER MONUMENTS

ASSOCIATED WITH: RCHM 281, RCHM 284, 8, 14, 18, 22, 23, 29, RCHM 255, RCHM 264 PART OF: High Level System

CONDITION Earthwork

DESCRIPTION

- 1) CONSTRUCTIONAL MATERIAL
Earthwork
- 4) DIMENSIONS i) L ii) W iii) Depth
- 5)

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES	RCHME NUMBER 284	N.G.R. TL 37582 02208 37412 02247
NAME/FUNCTION Canal		START DATE 1904	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: 36, RCHM 283, RCHM 285, RCHM 287, PART OF: High Level System			
CONDITION Partially Filled/Earthwork			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Earthwork 4) DIMENSIONS i) L ii) W iii) Depth 5)			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 285	N.G.R. TL 37484 02485 37450 02250
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NAME/FUNCTION Canal	START DATE 1904?	END DATE
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NO PHOTOGRAPHY
AVAILABLE

CARTOGRAPHIC DEPICTION 1923 WASC 900/84	DOCUMENTARY REFERENCES
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PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME
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RELATIONSHIPS WITH OTHER MONUMENTS
 ASSOCIATED WITH: RCHM 182, RCHM 282, RCHM 284, 16a, 18a, 22a PART OF: High Level System

CONDITION Filled/Partial Earthwork

DESCRIPTION

1) CONSTRUCTIONAL MATERIAL
 Earthwork

4) DIMENSIONS i) L ii) W iii) Depth

5)

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 286	N.G.R. TL 37400 02317 37404 02260
NAME/FUNCTION Canal		START DATE 1886-7	END DATE 1897-1923
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION 1897 WASC 900/53C	DOCUMENTARY REFERENCES		
PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME		
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: 24, 25, 26, 27, 28, RCHM 282 PART OF: High Level System			
CONDITION Filled			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Earthwork 4) DIMENSIONS i) L ii) W iii) Depth 5) Partially filled by 1923 appears still access to Boat houses until late 1950s			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 287	N.G.R. TL 37614 02259 37500 02100
NAME/FUNCTION Canal		START DATE 1850-1886	END DATE 1957-1960
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION 1865 WASC 900/38 + SUPP5 975		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: S34, E3, E2, E5, RCHM 284, RCHM 289, RCHM 290 PART OF: High Level System			
CONDITION Filled			
DESCRIPTION			
1)	CONSTRUCTIONAL MATERIAL Earthwork		
4)	DIMENSIONS i) L ii) W iii) Depth		
5)			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 288	N.G.R. TL 27386 01972 37530 01956
NAME/FUNCTION Canal		START DATE 1850-1886	END DATE 1957-1960
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION 1865 WASC 900/38 + SUPP5 975		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: 76, E14, RCHM 107, RCHM 282, RCHM 291 PART OF: High Level System			
CONDITION Partially Filled/Earthwork			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Earthwork 4) DIMENSIONS i) L ii) W iii) Depth 5)			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 289	N.G.R. TL 37548 02159 37665 01957 37517 01675
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NAME/FUNCTION Canal	START DATE 1878-9	END DATE 1957-1960
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NO PHOTOGRAPHY
AVAILABLE

CARTOGRAPHIC DEPICTION 1865 WASC 900/38 + SUPP5 975	DOCUMENTARY REFERENCES
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PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME
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RELATIONSHIPS WITH OTHER MONUMENTS
 ASSOCIATED WITH: RCHM 287, E3, RCHM 214, RCHM 215, RCHM 275, 63, RCHM 290, 74, 75, S28, S30, S29, 89, 90,
 91, S31, RCHM 112, RCHM 113, L102, L103, RCHM 292, RCHM 293, RCHM 294 PART OF: High Level System

CONDITION Earthwork

DESCRIPTION

1) CONSTRUCTIONAL MATERIAL
 Earthwork

4) DIMENSIONS i) L ii) W iii) Depth

5)

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 290	N.G.R. TL 37584 02194 37633 02099
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NAME/FUNCTION Canal	START DATE 1913-1918	END DATE
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NO PHOTOGRAPHY
AVAILABLE

CARTOGRAPHIC DEPICTION 1923 WASC 900/84	DOCUMENTARY REFERENCES
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PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME
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RELATIONSHIPS WITH OTHER MONUMENTS
ASSOCIATED WITH: RCHM 254, RCHM 250, 46, 46R, 46a PART OF: High Level System

CONDITION Earthwork

DESCRIPTION
1) CONSTRUCTIONAL MATERIAL
Earthwork
4) DIMENSIONS i) L ii) W iii) Depth
5)

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES	RCHME NUMBER 291	N.G.R. TL 37511 01984 37408 02161
NAME/FUNCTION Canal		START DATE 1801-1806	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION 1827 WASC 900/04 + MPH 271		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: RCHM 288, 62, RCHM 287, RCHM 282 PART OF: High Level System			
CONDITION Partially filled/Earthwork			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Earthwork 4) DIMENSIONS i) L ii) W iii) Depth 5)			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES	RCHME NUMBER 292	N.G.R. TL 37586 02071 37627 02088
NAME/FUNCTION Dusting House (RCHM 275) Leat		START DATE 1878	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION 1865 WASC 900/38 + SUPP5 975		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: RCHM 275, RCHM 289, RCHM 212, RCHM 293 PART OF: High Level to Low Level System			
CONDITION			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Earthwork 4) DIMENSIONS i) L ii) W iii) Depth 5)			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 293	N.G.R. TL 37636 02094 37680 02108
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NAME/FUNCTION Leat	START DATE 1878	END DATE
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NO PHOTOGRAPHY
AVAILABLE

CARTOGRAPHIC DEPICTION 1865 WASC 900/38 + SUPP5 975	DOCUMENTARY REFERENCES
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PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME
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RELATIONSHIPS WITH OTHER MONUMENTS
ASSOCIATED WITH: RCHM 280, S27, RCHM 289, RCHM 290 PART OF: High Level System

CONDITION Earthwork

DESCRIPTION

- 1) CONSTRUCTIONAL MATERIAL
Earthwork
- 4) DIMENSIONS i) L ii) W iii) Depth
- 5)

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 294	N.G.R. TL 37420 01640 37679 01693
NAME/FUNCTION Canal		START DATE 1801-1806	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION 1827 WASC 900/04 + MPH 271	DOCUMENTARY REFERENCES		
PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME		
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: 103, 104, L101, L100, RCHM 289, RCHM 179, 107, 108, RCHM 282 PART OF: High Level System			
CONDITION Earthwork			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Earthwork 4) DIMENSIONS i) L ii) W iii) Depth 5)			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES	RCHME NUMBER 295	N.G.R. TL 37490 01952 37513 01909
NAME/FUNCTION Canal		START DATE 1850-1886	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION 1865 WASC 900/38 + SUPP5 975		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: RCHM 288, RCHM 212 PART OF: Low Level System			
CONDITION Earthwork			
DESCRIPTION			
1)	CONSTRUCTIONAL MATERIAL Earthwork		
4)	DIMENSIONS i) L ii) W iii) Depth		
5)			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 296	N.G.R. TL 37440 01770 37517 01796
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NAME/FUNCTION Leat	START DATE 1806-1827	END DATE
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NO PHOTOGRAPHY
AVAILABLE

CARTOGRAPHIC DEPICTION 1827 WASC 900/04 + MPH 271	DOCUMENTARY REFERENCES
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PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME
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RELATIONSHIPS WITH OTHER MONUMENTS
ASSOCIATED WITH: RCHM 230, RCHM 119, RCHM 212 PART OF: Low Level System

CONDITION Earthwork

DESCRIPTION

- 1) CONSTRUCTIONAL MATERIAL
Earthwork
- 4) DIMENSIONS i) L ii) W iii) Depth
- 5)

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 297	N.G.R. TL 37406 01750 37438 01744
NAME/FUNCTION Mill Leat		START DATE 1806-1827	END DATE

NO PHOTOGRAPHY
AVAILABLE

CARTOGRAPHIC DEPICTION 1827 WASC 900/04 + MPH 271	DOCUMENTARY REFERENCES
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PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME
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RELATIONSHIPS WITH OTHER MONUMENTS
ASSOCIATED WITH: RCHM 119, 97, 98, RCHM 282 PART OF: Low Level System

CONDITION Earthwork

DESCRIPTION
1) CONSTRUCTIONAL MATERIAL Earthwork
4) DIMENSIONS i) L ii) W iii) Depth
5)

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 298	N.G.R. TL 37445 01635 37456 01526
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NAME/FUNCTION Leat	START DATE 1957-1960	END DATE
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NO PHOTOGRAPHY
AVAILABLE

CARTOGRAPHIC DEPICTION c1960 WASC 900/94	DOCUMENTARY REFERENCES
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PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME
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RELATIONSHIPS WITH OTHER MONUMENTS
ASSOCIATED WITH: RCHM 119, RCHM 294, RCHM 170 PART OF: Low Level System

CONDITION Earthwork

DESCRIPTION

1) CONSTRUCTIONAL MATERIAL
Earthwork

4) DIMENSIONS i) L ii) W iii) Depth

5)

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 299	N.G.R. TL 37420 01961 37714 00978
NAME/FUNCTION Leat	START DATE 1806-1827 (extend) 1850-1886		END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION 1827 WASC 900/04 + MPH 271 1865 WASC 900/38 + SUPP 975		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: RCHM 296, RCHM 297, RCHM 170, RCHM 294, 116, 117, RCHM 298, 159, 157, 165, 181, 183, 190, 196, 197, 202, RCHM 133, RCHM 122 PART OF: Low Level System			
CONDITION Earthwork			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Earthwork 4) DIMENSIONS i) L ii) W iii) Depth 5)			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY			
NUMBER	OLD SERIES	RCHME NUMBER 300	N.G.R. TL 37656 01460 37716 01506
NAME/FUNCTION Leat		START DATE 187?	END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION 1865 WASC 900/38 + SUPP5 975		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: RCHM 228, RCHM 156, RCHM 280, L130 PART OF: Low Level System			
CONDITION Water			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Earthwork 4) DIMENSIONS i) L ii) W iii) Depth 5)			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 301	N.G.R. TL 37507 01200 37588 01213 37544 00988
NAME/FUNCTION Tail Race	START DATE pre 1783		END DATE
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION 1783 WASC 900/01 + MR 593		DOCUMENTARY REFERENCES	
PHOTOGRAPHY HISTORIC		PHOTOGRAPHY RCHME	
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: RCHM 222, RCHM 219, RCHM 218, RCHM 272, RCHM 296, 165a, 182, 191, 197, 211, RCHM 135 PART OF: Low Level System			
CONDITION Earthwork			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Earthwork 4) DIMENSIONS i) L ii) W iii) Depth 5)			

THE ROYAL GUNPOWDER FACTORY - WALTHAM ABBEY

NUMBER	OLD SERIES	RCHME NUMBER 302	N.G.R. TL 37640 00614
NAME/FUNCTION	START DATE	END DATE	
NO PHOTOGRAPHY AVAILABLE			
CARTOGRAPHIC DEPICTION	DOCUMENTARY REFERENCES		
PHOTOGRAPHY HISTORIC	PHOTOGRAPHY RCHME		
RELATIONSHIPS WITH OTHER MONUMENTS ASSOCIATED WITH: PART OF:			
CONDITION			
DESCRIPTION 1) CONSTRUCTIONAL MATERIAL Earthwork 4) DIMENSIONS i) L ii) W iii) Depth 5)			

