

WASC 2175

-01 to -05  
ON WHITE SHELF

-06 COTSWOLD ARCH.  
PHOTOS

-07 COTSWOLD ARCH.  
REPORT



Royal Gunpowder Factory  
Waltham Abbey

RGF 95 Job No. 0476

Archive Material





**RECORDING BRIEF  
FOR THE  
ROYAL GUNPOWDER  
FACTORY  
POWDERMILL LANE  
WALTHAM ABBEY**

**"MILLHEAD SLUICES (RCHME 135) AND  
INCORPORATING MILL (211a)".**

**REF: WANS ARCH/B5/1**



## 1.0 Summary of Brief

This brief has been written by the MoD's Resident Archaeologist (Steve Chaddock) at the Royal Gunpowder Factory, Waltham Abbey (RGPF). As a result of groundworks at the RGPF a watching brief is being carried out by Steve Chaddock and the recording outlined in this brief is a result of the ongoing decontamination programme having uncovered remains within the RGPF.

Please contact the resident archaeologist, Steve Chaddock, if there are any queries about this brief (01992 651611).

## 2.0 Site Location and Description

The RGPF is located at NGR: TL 37600 01800, immediately to the north of the town of Waltham Abbey (see location map attached). The site has been the location of gunpowder and latterly chemical based explosives and propellants manufacture for over 300 years. It moved from private to state hands in 1787. Manufacturing on site ceased in 1943, when it became a research centre and was not finally closed until 1991. It remains the property of MoD. Its position on the River Lea gave it the opportunity to exploit water power for gunpowder production as well as for transport of raw materials and finished products. A network of canals on site grew up around two original stretches which were artificially engineered channels, Millhead and Cornmill streams, designed to provide a head of water for the generation of motive power.

Contractors visiting the site should make an appointment with Steve Chaddock and should comply with the site rules whilst on site.

## 3.0 Planning Background

After the site was closed in 1991 the Ministry of Defence contemplated re-use



of the site. The Royal Commission on the Historical Monuments of England (RCHME), were empowered to carry out a survey of the site. This was jointly funded by English Heritage and started in January 1993. The extensive report and accompanying maps generated by the RCHME survey led English Heritage to create two Scheduled Ancient Monuments (SAM) on the site and to list 21 buildings outside the SAM. The rest of the RGPF falls under separate Conservation Area Regulations and a large portion is also designated a Site of Special Scientific Interest (SSSI).

Because of the nature of activities on site over the last 300 years, the site is currently being decontaminated and an archaeologist has been appointed to monitor these works. Where large scale features of great complexity are discovered, an archaeological contracting unit will be appointed to record the remains.

#### **4.0 Archaeological Background**

The high level section of Millhead Stream, at its most southerly point, passes through a set of brick sluices (RCHM135). The Millhead sluices and the Incorporating Mill directly to their east, are the focus of this brief.

The remains to be recorded represent some of the earliest at the RGPF, and are the most archaeologically sensitive. The Incorporating Mill carried out one stage in the process of gunpowder manufacture, a process that generally progressed in a south to north direction along Millhead Stream. A plan of the Millhead area is included from 1888, this adequately demonstrates the importance of Millhead and the archaeological sensitivity of the area.

#### **5.0 Requirement for Work**

As part of the decontamination exercise the foundations of a pair of Incorporating Mills and their wheel pit have been exposed. A record of these features needs to be made before they are consolidated and backfilled. In addition the canal fill has been removed to reveal the brick sluices and other timbers and masonry in the base of the canal, this is the only opportunity to record these features before they are



submerged once more.

As an aid to the RCHME survey, the MoD contracted a survey specialist Milton Keynes Surveys (MKS). The MKS have an updated version of the layout of the site on a CAD package. It would be possible to provide the contractor with a suitable scale plan of the Millhead sluices area of the site.

**6.0** All archaeological work shall be undertaken by a professional team of field archaeologists. The numbers of staff involved and the structure of the team shall be stated in the detailed submitted specification. Curriculum Vitae of all personnel in the team may be requested. It is expected that the archaeological contractor will adhere to the bye-laws and standards laid down by the Institute of Field Archaeologists, in all matters. It is expected that the contractor will adhere to the latest Health and Safety Legislation at all times.

**7.0** The specification should include the following works:

**7.1** A summary of the documentary/cartographic evidence for this part of the site.

**7.2** A single plan of the entire area including canal, sluice and the Incorporating Mills. All features should be numbered and recorded by context. The scale is to be recommended by the archaeological contractor.

**7.3** A large scale plan of the sluices and the Incorporating Mill. Areas to be recorded should be cleaned by hoe and trowel, and any exposed earthwork sections should be drawn and described. All structural features are to be recorded and numbered in a stratigraphic manner. The scale is to be recommended by the archaeological contractor.

**7.4** All the walls of the sluice system are to be drawn together with the walls of the canal. Any repairs, modifications or features within the walls should be noted and their context numbers described. The scale is to be recommended by the



archaeological contractor.

7.5 Five (5) sections are to be drawn through the sluice and mill system. Any repairs, modifications or features within this area should be noted and their contexts described. The scale is to be recommended by the archaeological contractor.

7.6 No sampling of the remains for dendrochronology or environmental analysis will be required. No further excavation will be needed.

7.7 A full photographic record consisting of colour slides and black and white prints with negatives.

7.8 Details of the site recording policy will be contained within the specification.

## 8.0 Finds

All small finds collected during cleaning and recording will be deposited in the site archive.

## 9.0 Results

A full archive is to be prepared for all work undertaken. The report is to describe the history of the area around the Millhead sluices and features that have been exposed. Reference should be made to phasing and where possible, dating. The operation of machinery and the working of the sluice system, together with any subsequent modifications, should be described in detail.

Three copies of the report should be deposited with the resident archaeologist, one should be supplied to English Heritage and Essex County Council respectively.



## 10.0 Monitoring

The resident archaeologist and a representative from English Heritage will monitor the recording project.

## 11.0 Specifications

Should be sent to:

Steve Chaddock M.A.  
Consultant Archaeologist  
The Royal Gunpowder Factory  
Powdermill Lane  
Waltham Abbey  
Essex EN9 1BN

## 12.0 Bibliography

RCHME 1994      The Royal Gunpowder Factory, Waltham Abbey, Essex.  
An RCHME Survey 1993.

## 13.0 Health and Safety

All persons will comply with Royal Ordnance site rules whilst on site (see attached sheet). In addition it is necessary to consider the residual contamination that may be present in this area, please refer to risk assessment attached.

## 14.0 Miscellaneous Equipment

Toilet facilities will be provided on site. It will be necessary to supply a 'Portakabin' or similar shelter for the archaeological contract team to take breaks in.



## **1. Introduction**

1.1 This document presents details of a specification of work based upon the requirements of the brief issued by the Consultant Archaeologist at the Royal Gunpowder Factory, Waltham Abbey. It has also been guided in its composition by the 'Standards and Guidance for Archaeological Field Evaluations' issued by the Institute of Field Archaeologists.

## **2. Archaeological Background**

2.1 The site at Waltham Abbey is currently being decontaminated. This has resulted in the exposure of a pair of Incorporating Mills (which carried out one stage in the process of gunpowder manufacture) and their wheel pit, on the Millhead canal. In addition the brick sluices of the canal have also been exposed, along with other timbers and masonry in the canal base. These remains represent some of the earliest at the site.

## **3. Aims and Objectives**

3.1 The main aims of the project will be to:

- i) record in detail all those features of interest identified in the brief, before consolidation and resubmerging
- ii) produce a report summarising the history of the area around the Millhead sluices; detail any phasing, modifications and dating recovered during the archaeological survey; describe the operation of the machinery and working of the sluice system

## **4. Methodology and Recording**

4.1 An assessment will be undertaken of the background history of the area, utilising information housed with the Consultant Archaeologist

4.2 A single plan of the entire area including canal, sluice and Incorporating Mill will be drawn at 1:100. Existing survey drawings (those commissioned by the MoD from Milton Keynes Surveys) will be used as base plans.

4.3 A detailed plan of the sluices and Incorporating Mill will be drawn at 1:20

4.4 The walls of the sluice system and the canal will be drawn together at a scale of 1:20

4.5 Five sections will be drawn through the sluice and mill system at a scale of 1:10 (1:20)

4.6 Visual analysis of the building fabric and structural detail will be undertaken in order to establish the construction and



repair sequence and an understanding of the chronological development of the property.

4.7 All structural features, repairs and modifications will be fully described and recorded stratigraphically.

4.8 A full photographic record will be compiled. This will comprise both black and white negatives/prints and colour transparencies.

4.9 All drawings, photographs and contexts will be recorded according to the standards contained in the CAT Field Evaluation Manual. All artefacts will be recovered and given to the Consultant Archaeologist, as agreed.

## **5. Reporting and archiving**

5.1 A full archive will be prepared for all the work undertaken.

5.2 The final report will comprise a factual written description of the chronological history of the property. Summaries of key features will be provided with interpretations and an assessment of their significance.

5.3 The report will be fully illustrated with plans, elevations and sections, and where appropriate may also include photographic reproductions of features where this would add to the understanding and interpretation.

5.4 The project archive will be deposited at the Royal Gunpowder Factory.

## **6. Staff and Timetable**

6.1 This project will be under the overall direction of Graeme Walker BA, MIFA. Mr. Walker will manage the fieldwork and monitor the post-excavation work. All reports arising from the project will be edited by Graeme Walker. Day to day running of the fieldwork will be undertaken by Mr. Nick Turner BA, Senior Site Assistant. Mr. Turner has extensive experience in building analysis having worked professionally within the building trade, and has a personal interest in architectural history. Mr. Turner will be assisted by one other member of staff.

6.2 The site works have an anticipated duration of up to 5 days, and a further week should be allowed for the post-excavation work and compilation of a report.

## **7. General matters**

7.1 All current health and Safety legislation and the contractors safety requirements will be adhered to during the course of fieldwork.

7.2 Cotswold Archaeological trust holds Public Liability Insurance to a limit of £2,000,000 and Professional Indemnity



Insurance to a limit of £250,000.

7.3 Cotswold Archaeological Trust undertake to liaise at all times with the Consultant Archaeologist, Mr. Steve Chaddock.

Cotswold Archaeological Trust

04/05/95

PLAN: [NTS]

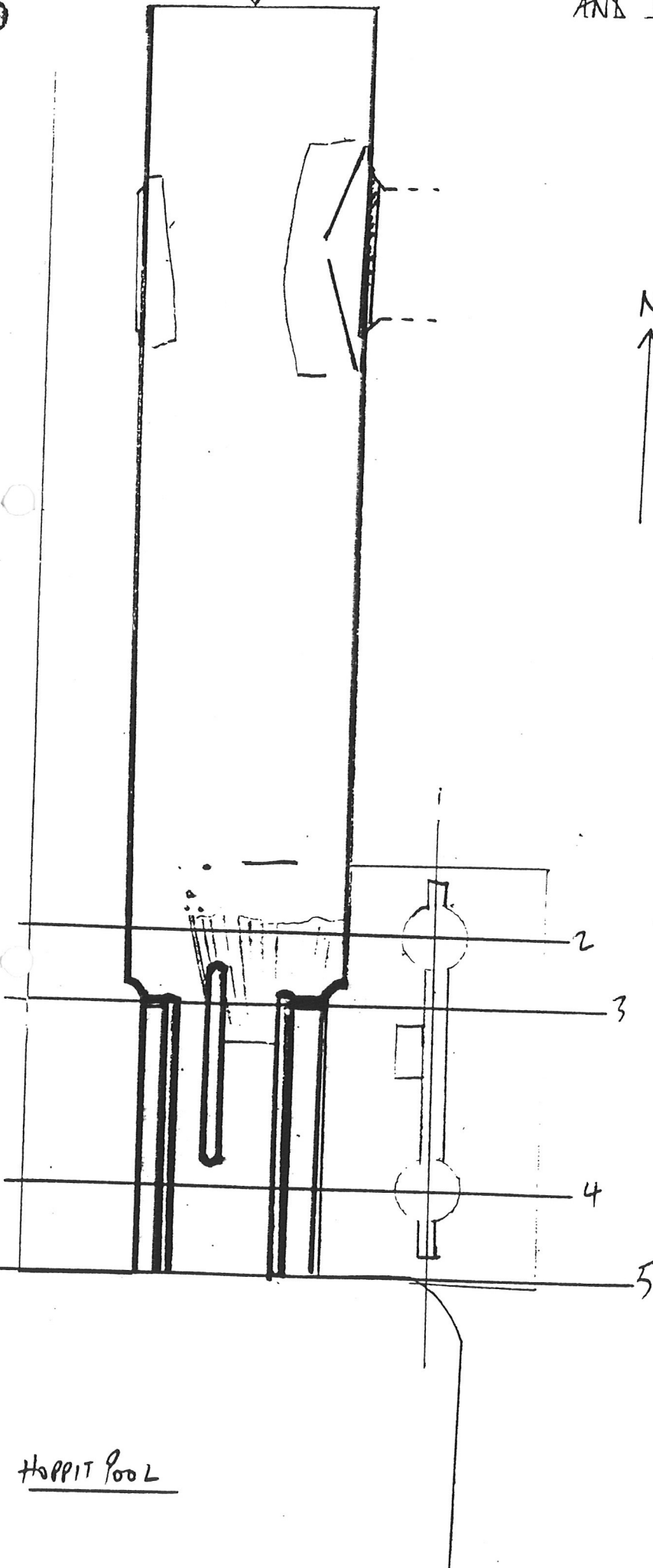
MILLHEAD CANAL AND SLUICES  
AND INCORPORATING MILL TO SOUTH

FILL TO  
HERE ↓

— Sections.

— Elevations





[ Detail  
needed  
on elevations.



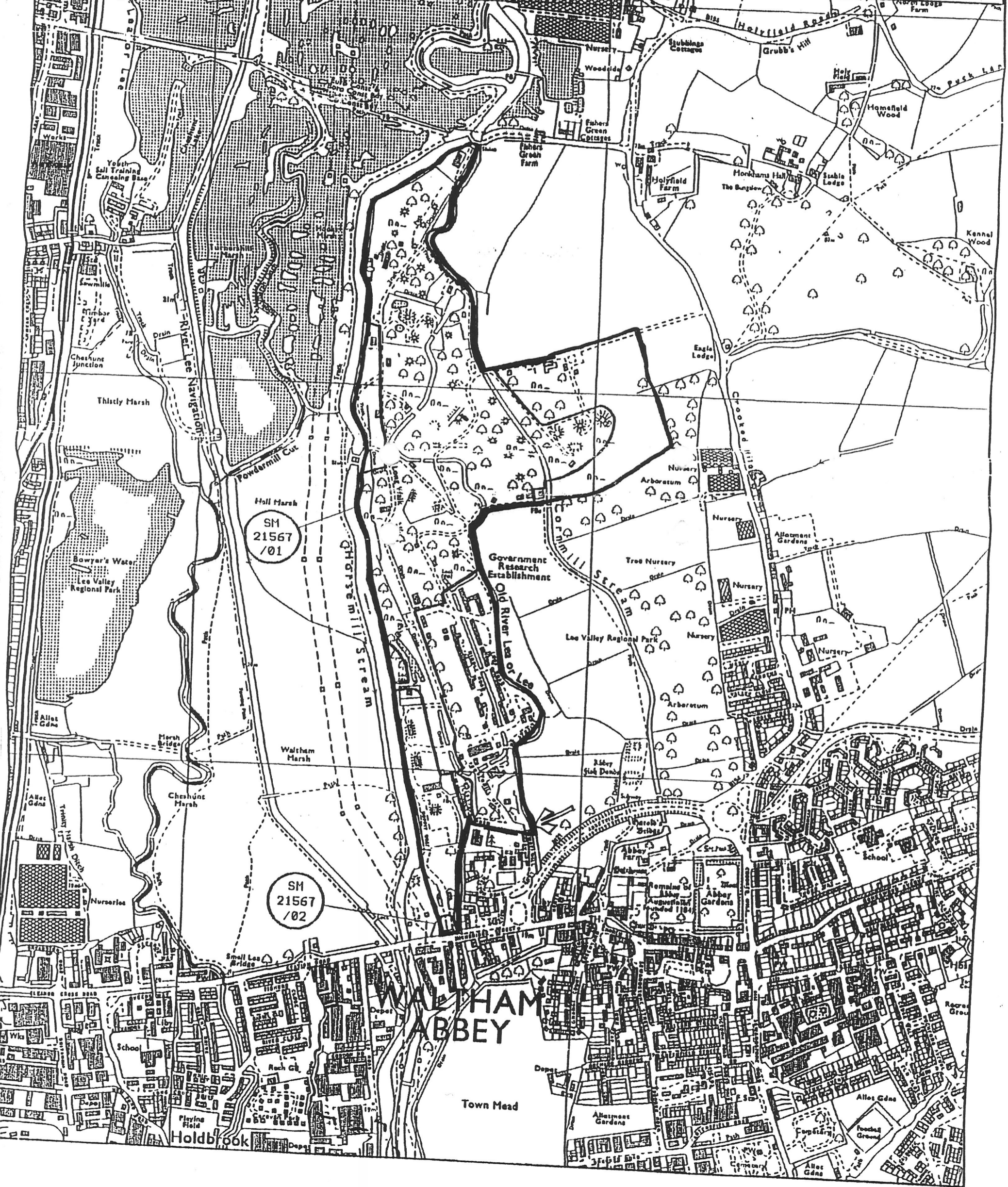
HOPBIT POOL



FIGURE 7

Site Name: <b>Waltham Abbey Royal Gunpowder Factory</b>		For identification purposes only	
County: <b>Essex</b>	District: <b>Epping Forest</b>	Parish: <b>Waltham Abbey</b>	
Notes: For exclusions - see text record SM21567 consists of parts 1-2			
Key: Monument No. 	Location/extent of site 	Scale: <b>1:10000</b>	Derived from: <b>1:10000</b>
 - Site Boundary		Centred on NGR: <b>TL37640177</b>	Extract from OS sheet: <b>TL30SE</b>
 - Entrance		Date: <b>9.8.93</b>	Monument No: <b>SM21567</b>

**English Heritage**  
 Fortress House 23 Savile Row London W1X 1AB Telephone 071-973 3000 Fax 071-973 3001



SITE ARCHIVE TRANSFER FROM COTSWOLD ARCHAEOLOGICAL TRUST  
TO ROYAL GUNPOWDER FACTORY

ACCESSION NUMBER: .....

SITE NAME: THE ROYAL GUNPOWDER FACTORY

Parish: WALTHAM ABBEY NGR (6 fig min): TL 3760 0180

Excavation  Evaluation  Watching Brief  Call Out

Other  BUILDING RECORDING

CAT Job no(s): 0476

CAT Report no(s): 95272

Author(s) and Title(s): NICHOLAS TURNER -

THE ROYAL GUNPOWDER FACTORY, WALTHAM ABBEY BUILDING  
RECORDING

(enclosed ✓)

Is any of the information available on disk? .....

TULIP PC compact 2...  Wordstar 6.0.....

Other:.....

SITE ARCHIVE

Number of context sheets: 25 (enclosed ✓)

Number of drawings:..... (enclosed ....)  
(register enclosed ....)

Number of black and white photographs: 81 (enclosed ✓)

and negatives: 81 (enclosed ✓)  
(register enclosed ✓)

Number of colour photographs: N/A (enclosed ....)  
(register enclosed ....)

Number of slides: 91 (enclosed ✓)  
(register enclosed ✓)

Any notes made as intermediate stage between context sheets and completion of CAT report?

(background detail, sites and monuments research, developers plans):..... (enclosed ....)



ARTEFACTS AND SAMPLES

Number of Recorded finds:..... (register enclosed ....)

Number of boxes of pottery:..... (register enclosed ....)

Any material discarded?..... (register enclosed ....)

Samples:..... (register enclosed ....)

SPECIALIST REPORTS

List specialist reports available (include full report if abbreviated in CAT report):

.....(enclosed....)

.....(enclosed....)

.....(enclosed....)

CONSERVATION

Has any conservation work been carried out?.....

..... N/A

By whom:.....

Records/notes available?.....

PUBLICATION

Is the site published?.....

Where?.....

.....

.....

.....

Ownership of finds has been transferred to .....(letter enclosed ...)

# COTSWOLD ARCHAEOLOGICAL TRUST DRAWING REGISTER

Project Title: Royal Gunpowder factory Job No: 0476  
 Project Code: RGF 95. Acc.No:

Number Plan	Sect	Trench	Scale	Date & initials	Description
	A1		1:20	NT 5/6/95	W. Elevation / NE
	A2		1:20	" "	W. Elevation
	A3		1:20	JPM 5/6/95	W. Elevation
	A4		1:20	NT 5/6/95	W. Elevation
	A5		1:20	NT 6/6/95	W. Elevation
	A6		1:20	NT 5/6/95	W. Elevation
	A7		1:20	NT 6/6/95	W. Elevation Sluice
	B1		1:20	NT 5/6/95	E. Elevation / NE
	B2		1:20	JPM 5/6/95	E. Elevation
	B3		1:20	NT 5/6/95	E. Elevation
	B4		1:20	" "	" "
	B5		1:20	NT 7/6/95	E. Elevation / SE
	B6		1:20	NT 7/6/95	E. Elevation / SE
	C1		1:20	NT 6/6/95	E. Elevation Sluice
	D1		1:20	NT 7/6/95	W. Elevation Sluice
	E1		1:20	NT 6/6/95	W. Elevation Sluice
	F1		1:20	NT 7/6/95	E. Elevation Sluice
	G1		1:20	NT 7/6/95	E. Elevation
	H1		1:20	NT 7/6/95	W. Elevation Sluice
	J1		1:20	JPM 7/6/95	Blocking of sluice A.
K1			1:100		Overall gen. plan.
1			1:20	JPM 6.6.95	PLAN W. MULL. S. 1/2 OF SLUICES
2			1:20	JPM 7.6.95	PLAN OF N. 1/2 OF SLUICES.
3			1:100	NT 7.6.95	OVERALL GEN. PLAN.



# COTSWOLD ARCHAEOLOGICAL TRUST SURVEY SHEET 1: LEVELS

Project Title: ROYAL GUNPOWDER FACTORY  
 Project Code: RGF 95

Job No: 0476  
 Acc.No:

TBM = 19.860

BM = 18.540

Levels No	Back sight	Inter sight	Fore sight	Collimation level	Reduced level	Remarks
1	1.520	3.025		<u>21.38</u>	<u>18.355</u>	S/L 'A'
2	"	3.110			<u>18.27</u>	S/L 'B'
3	"	2.490			<u>18.89</u>	
4	"	4.070			<u>17.31</u>	
5	"	1.915			<u>19.465</u>	
6	"	4.010			<u>17.37</u>	
7	"	1.965			<u>19.415</u>	
8	"	3.860			<u>17.52</u>	
9	"	2.080			<u>19.30</u>	
10	"	4.240			<u>17.14</u>	
11	"	2.420			<u>18.96</u>	
12	"	4.010			<u>17.37</u>	PLAN # (1:100 PLAN OF SLICES + CANAL SECTION + INCORPORATING MILL) (TIMBER)
13	"	2.230			<u>19.15</u>	
14	"	4.020			<u>17.36</u>	
15	"	3.725			<u>17.655</u>	
16	"	2.220			<u>19.16</u>	
17	"	4.060			<u>17.32</u>	
18	"	1.785			<u>19.595</u>	
19	"	4.100			<u>17.28</u>	
20	1.260	3.960		<u>21.12</u>	<u>17.16</u>	
21	"	3.870			<u>17.25</u>	
22		1.615			<u>19.505</u>	PLAN # 1 (SECT # 5)
23		1.595			<u>19.525</u>	
24		<del>2.275</del>	3.655		<u>17.465</u>	
25		<del>2.490</del>	1.65		<u>19.47</u>	
26		<del>2.255</del>	3.655		<u>17.465</u>	
27		<del>2.265</del>	1.60		<u>19.52</u>	
28		3.66			<u>17.46</u>	
29		1.39			<u>19.73</u>	
30		2.175			<u>18.945</u>	
31		2.990			<u>18.13</u>	
32		3.255			<u>17.865</u>	PLAN # 1 (SECT # 4)
33		2.265			<u>18.855</u>	
34		2.70			<u>18.42</u>	
35		1.71			<u>19.41</u>	
36		2.895			<u>18.225</u>	
37		2.615			<u>18.505</u>	
38		2.08			<u>19.04</u>	
39		1.60			<u>19.52</u>	
40		3.655			<u>17.465</u>	
41		1.61			<u>19.51</u>	

# COTSWOLD ARCHAEOLOGICAL TRUST SURVEY SHEET 1: LEVELS

Project Title:  
Project Code:

Job No:  
Acc.No:

Levels No	Back sight	Inter sight	Fore sight	Collimation level	Reduced level	Remarks
42	1.260	3.65		21.12	17.47	PLAN# 1 (SECT# 4)
43		1.59			19.53	
44		3.64			17.48	
45		1.37			19.75	
46		1.80			19.32	PLAN# 1 (SECT# 3)
47		2.12			19.00	
48		1.725			19.395	
49		2.53			18.59	
50		1.557			19.568	
51		1.56			19.56	
52		1.40			19.72	
53		2.86			18.46	
54		1.14			19.98	
55		3.615			17.505	
56		1.16			19.96	PLAN# 1 (SECT# 2)
57		3.63			17.49	
58		1.155			19.965	
59		2.84			18.28	
60		1.14			19.98	
61		1.57			19.55	
62		1.73			19.39	
63		1.575			19.545	
64		3.215			17.905	
65		1.555			19.565	
66		1.555			19.565	
67		1.415			19.705	
68		3.57			17.55	
69		1.63			19.49	PLAN# 1 (SECT# 1)
70		3.58			17.54	
71		3.815			17.305	
72		1.755			19.365	
73		1.355			19.765	
74		1.38			19.74	
75		1.285			19.835	
76		3.69			17.43	
77		1.615			19.505	
78		3.78			17.34	
79		4.11			17.01	
80		3.75			17.37	3/L. N.END SECT# 1
81		1.765			19.355	
82	✓	1.355			19.765	



# COTSWOLD ARCHAEOLOGICAL TRUST SURVEY SHEET 1: LEVELS

Project Title: GUNPOWDER FACTORY  
 Project Code: RGF 95

Job No: 0476  
 Acc.No:

Levels No	Back sight	Inter sight	Fore sight	Collimation level	Reduced level	Remarks
83	1.260	1.560		21.12	19.56	SL - S END SET #1
<del>84</del>						<del>SL - S END</del>
84		2.525			18.595	} PLAN #1
85		2.525			18.595	
86		2.52			18.60	
87		2.52			18.60	
88		1.995			19.125	
89		1.74			19.38	
90		1.76			19.36	
91		1.585			19.535	
92		1.76			19.36	
93		2.355			18.765	
94		2.51			18.61	
95		2.64			18.48	
96		2.51			18.61	
97		3.27			17.85	
98		2.52			18.60	
99		1.865			19.255	
100		2.50			18.62	
101		2.68			18.44	
102		1.35			19.77	
<del>103</del>						
103		3.72			17.40	} PLAN #2
104		3.95			17.17	
105		3.94			17.18	
106		3.64			17.48	
107		3.87			17.25	
108		3.61			17.51	
109		3.07			18.05	
110		3.885	3.78		17.34	
111		4.104	3.89		17.23	
112		4.01	4		17.11	
113		3.99			17.13	
114		3.83			17.29	
115		3.81			17.31	
116		3.80			17.32	
117		3.79			17.33	
118		4.02			17.10	
119		4.03			17.09	
120		3.83			17.29	
121		3.82			17.30	





Site Code: RGF	Location: INC MILL	Grid Ref.:	Structure No:	Context No.: (101)																																	
<b>WALL / FOUNDATION</b>																																					
1. Materials		1/ BRICK																																			
2. Size of materials		2/ 26x10x6cm																																			
3. Stone finish/coursing		3/ REGULAR COURSES																																			
4. Brick bond		4/ ?																																			
5. Form		5/ WALL																																			
6. Direction of face (s)		6/ INSIDE → W OUTSIDE → E																																			
7. Bonding material		7/ LIME MORTAR																																			
8. Other comments																																					
Plan No. 1	Section No. (4)	Lgth unknown	Width c. 0.61m	Hgt / Dpth																																	
<b>Stratigraphic Matrix</b>																																					
<table style="margin: auto; border: none;"> <tr> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> <tr> <td colspan="5" style="text-align: center;"> <div style="display: flex; justify-content: center; align-items: center; gap: 10px;"> <span style="font-size: 12px;">This context</span> <div style="border: 1px solid black; padding: 2px 5px;">101</div> </div> </td> <td colspan="6"></td> </tr> <tr> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> </table>																<div style="display: flex; justify-content: center; align-items: center; gap: 10px;"> <span style="font-size: 12px;">This context</span> <div style="border: 1px solid black; padding: 2px 5px;">101</div> </div>																					
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<b>Physical relationships</b>																																					
Earlier than	Covered by:	Contemporary with	Part of:	Later than	Covers:																																
	Cut by:		Includes:		Cuts:																																
	Butted by: (103)		Same as:		Butts:																																
<b>Interpretation and discussion</b>				Internal	External																																
<p>Soft red brick in S.E. corner of Inc Mill, possibly forming part of an earlier building. This is the only part of the study area where brick of this size was found, although there were other bricks of similar material. The wall has a step on its western side which comes out another 0.12m beyond the existing 0.61m. The wall exists from modern ground level down only.</p>																																					
Provisional date: Phase 2																																					
<b>Samples</b>																																					
Petrological:			Regular bricks:																																		
Mortar:			Other bricks:																																		
Finds: (Specify)			Worked stone:																																		

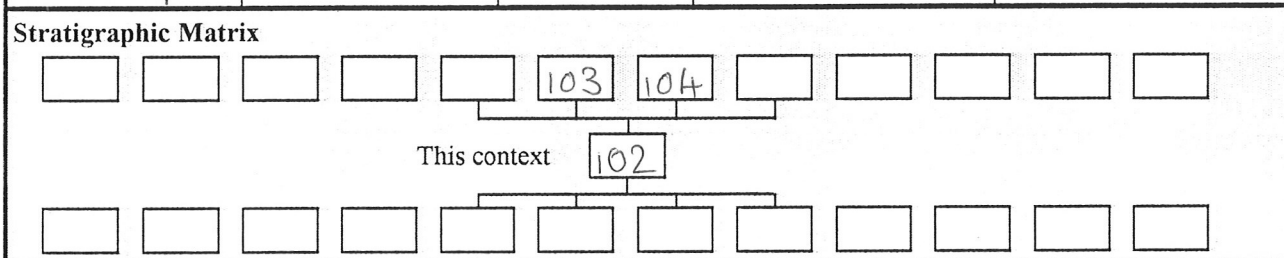






Site Code: RGF 95	Location: INC MILL	Grid Ref.:	Structure No:	Context No.: (102)
<b>WALL / FOUNDATION</b>				
1. Materials 2. Size of materials 3. Stone finish/coursing 4. Brick bond 5. Form 6. Direction of face (s) 7. Bonding material 8. Other comments				
1, Brick 2, 23x11x6 cm 3, Regular coursed. 4, English for wall in mill, for sluices pos. English 5, Wall 6, Lime Mortar, varied 7, Lime Mortar.				

Plan No.	Section No.	Lgth	Width	Hgt / Dpth
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**Physical relationships**

Earlier than	Covered by: (103)	Contemporary with	Part of:	Later than	Covers:
	Cut by: (103) (104)		Includes:		Cuts:
	Butted by:		Same as:		Butts:

**Interpretation and discussion** *Soft red brick in S.W. corner of Inc. Mill, also occurs in sluices, is cut by (103) + also by (104), + would then predate them, possibly contemporary with (101) - impossible to tell, this brick makes up the western wall of the Mill + is covered by (103) to the north, however, this could be to do with activity later than the construction of (103) with the material being reused - when used in the sluices this brickwork is patched by (103) suggesting repair contemporary with the construction of the Incorporating Mill.*

Internal      External

Provisional date: *Phase 2*

**Samples**

Petrological:	Regular bricks:
Mortar:	Other bricks:
Finds: (Specify)	Worked stone:

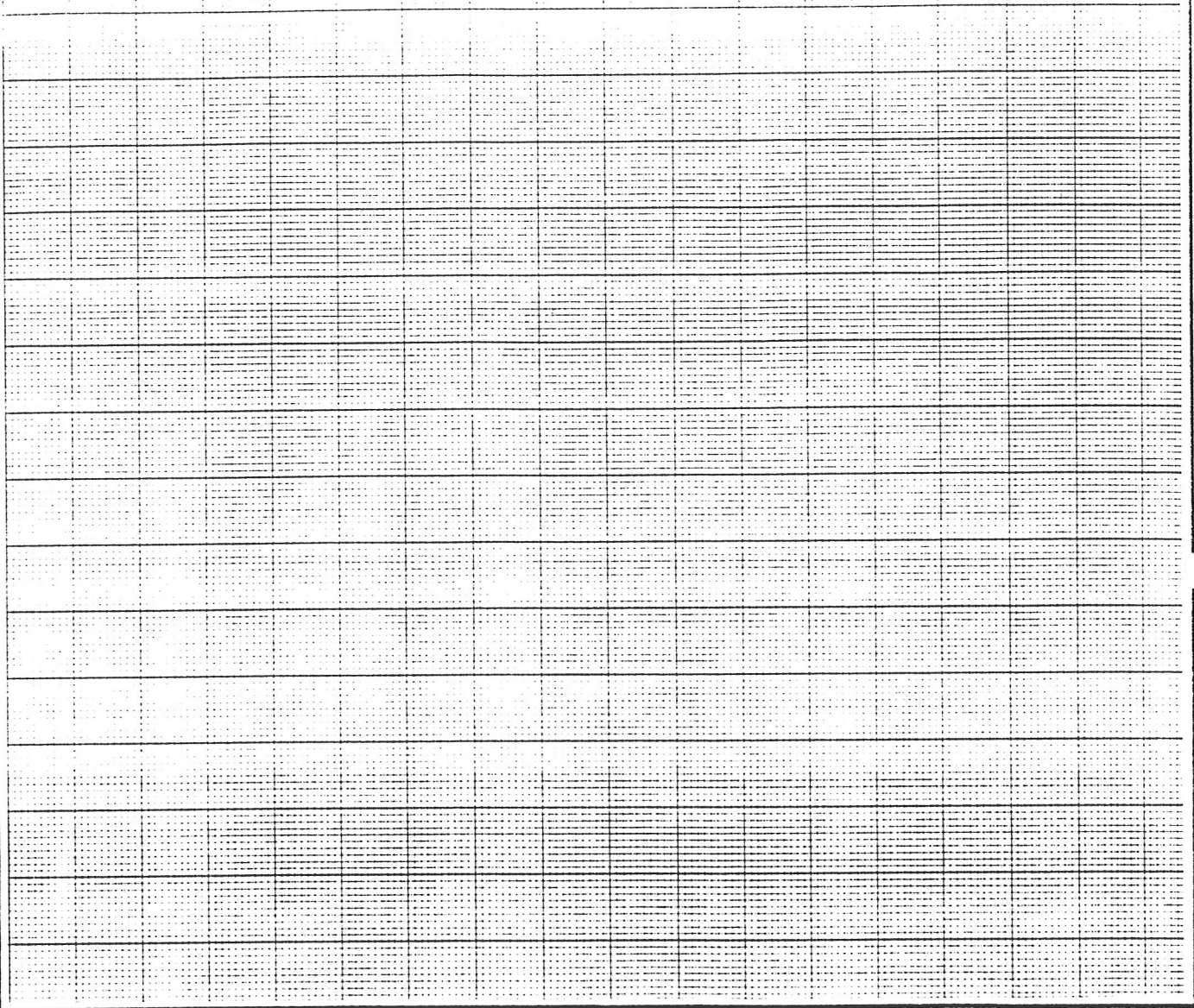






Site Code: RGF 95	Location: INC MILL	Grid Ref.:	Structure No:	Context No.: (103)																																	
<b>WALL / FOUNDATION</b>																																					
1. Materials		1, Brick																																			
2. Size of materials		2, 23x11x7																																			
3. Stone finish/coursing		3, Regular Courses.																																			
4. Brick bond		4, English (at least S. of southern bearing pit)																																			
5. Form		5, Wall																																			
6. Direction of face (s)		6, Varied																																			
7. Bonding material		7, Lime Mortar																																			
8. Other comments		8,																																			
Plan No. )	Section No.	Lgth	Width	Hgt / Dpth																																	
<b>Stratigraphic Matrix</b>																																					
<table style="margin: auto; border: none;"> <tr> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> <tr> <td colspan="5" style="text-align: center;"> <div style="display: flex; justify-content: center; align-items: center; gap: 10px;"> <div style="text-align: center;"> <div style="border: 1px solid black; width: 20px; height: 10px; margin: 0 auto;"></div> <div style="text-align: center;">This context</div> </div> <div style="border: 1px solid black; padding: 2px;">103</div> </div> </td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> </table>																	<div style="display: flex; justify-content: center; align-items: center; gap: 10px;"> <div style="text-align: center;"> <div style="border: 1px solid black; width: 20px; height: 10px; margin: 0 auto;"></div> <div style="text-align: center;">This context</div> </div> <div style="border: 1px solid black; padding: 2px;">103</div> </div>																				
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<b>Physical relationships</b>																																					
Earlier than	Covered by:	Contemporary with	Part of:	Later than	Covers:																																
	Cut by: (104)		Includes:		Cuts: (102)																																
	Butted by:		Same as:		Butts: (101) (102)																																
<b>Interpretation and discussion</b>				Internal	External																																
<p>Grey/Yellow brick probably marking the last phase of construction during which the Incorporating Mill was built and the sluices and canals repaired.</p> <p>This brickwork makes up the majority of the Incorporating mill with the exception of the western wall (see (102)) and the S.E. + S.W of the mill - (101) and (102) respectively. This brick also seems to be used in the extension of the central sluice wall. Brickwork on floor of sluice may also be the same brickwork.</p>																																					
				Provisional date: Phase 3.																																	
<b>Samples</b>																																					
Petrological:			Regular bricks:																																		
Mortar:			Other bricks:																																		
Finds: (Specify)			Worked stone:																																		

Sketch of Profile Plan



Levels OD Top	OD Base	OD Others
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**Other information**

*[Faint handwritten notes and scribbles are visible in this section.]*

Site Book References	Photo (film and photo number)	
	Black and white	
	Colour slide	

Provisional period	Group	Initials and date
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Site Code: <i>RGF 95</i>	Location: <i>INC MILL</i>	Grid Ref.:	Structure No:	Context No.: <i>(104)</i>																																			
<b>WALL / FOUNDATION</b>																																							
1. Materials		<i>1, Brick</i>																																					
2. Size of materials		<i>2,</i>																																					
3. Stone finish/coursing		<i>3, Regular coursing</i>																																					
4. Brick bond		<i>4, Stretcher</i>																																					
5. Form		<i>5, Wall</i>																																					
6. Direction of face (s)		<i>6, Varies</i>																																					
7. Bonding material		<i>7, lime Mortar</i>																																					
8. Other comments		<i>8, cement</i>																																					
Plan No. <i>1</i>	Section No.	Lgth	Width	Hgt / Dpth																																			
<b>Stratigraphic Matrix</b>																																							
<table border="1" style="margin: auto;"> <tr> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> </tr> <tr> <td colspan="5" style="text-align: center;">This context</td> <td style="text-align: center;">104</td> <td colspan="5"></td> </tr> <tr> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> <td style="width: 15%; height: 20px;"></td> </tr> </table>													This context					104																					
This context					104																																		
<b>Physical relationships</b>																																							
Earlier than	Covered by:	Contemporary with	Part of:	Later than	Covers:																																		
	Cut by:		Includes:		Cuts: <i>(102) (103)</i>																																		
	Butted by:		Same as:		Butts:																																		
<b>Interpretation and discussion</b>				Internal	External																																		
<i>Brickwork, orange in colour, cuts through all other brick work. Makes up modern chemical store which survives from modern ground level down only</i>																																							
				Provisional date:	<i>Modern - Phase 6</i>																																		
<b>Samples</b>																																							
Petrological:	<input type="text"/>	Regular bricks:	<input type="text"/>																																				
Mortar:	<input type="text"/>	Other bricks:	<input type="text"/>																																				
Finds: (Specify)	<input type="text"/>	Worked stone:	<input type="text"/>																																				





# COTSWOLD ARCHAEOLOGICAL TRUST SITE CONTEXT RECORD

Site Code: RGF 95 | Location: INC MILL | Context No: (105)

Type: Bonding Medium

Co-ordinates: \_\_\_\_\_ | Temp. dating: \_\_\_\_\_

Length: \_\_\_\_\_ | Width/dia.: \_\_\_\_\_ | Ht./depth: \_\_\_\_\_

Plan No's (& scale): \_\_\_\_\_

Section No's (& scale): \_\_\_\_\_

B/W Photos: \_\_\_\_\_ No's: \_\_\_\_\_ | Slides: \_\_\_\_\_ No's: \_\_\_\_\_

Relationships	Overlaid by:
	Overlies:
	Equivalent to:
	Abutts:
	Bonded to:
	Contains:
	Component/Fill of:
	Cut by:
	Cuts:
	Uncertain:

Soil	Colour: <u>White / Grey</u>	Texture: <u>Hard</u>
	Consistency: <u>loose / sand</u>	Course Comp: _____

**Structural fabric description:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Description:** loose mortar bonding between bricks.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Interpretation/Discussion:**

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**Phase:**

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**Dating:**

General Finds		Recorded Finds	
description	discarded	description	SF No

**Soil Samples**      **For:**

Use space below for sketch

+	+	+	Matrix		
			[ ]	[ ]	[ ]
			[ ]	[ ]	[ ]
			[ ]	[ ]	[ ]
+	+	+	[ ]	[ ]	[ ]
			[ ]	[ ]	[ ]
			[ ]	[ ]	[ ]
+	+	+	+	+	+
+	+	+	+	+	+

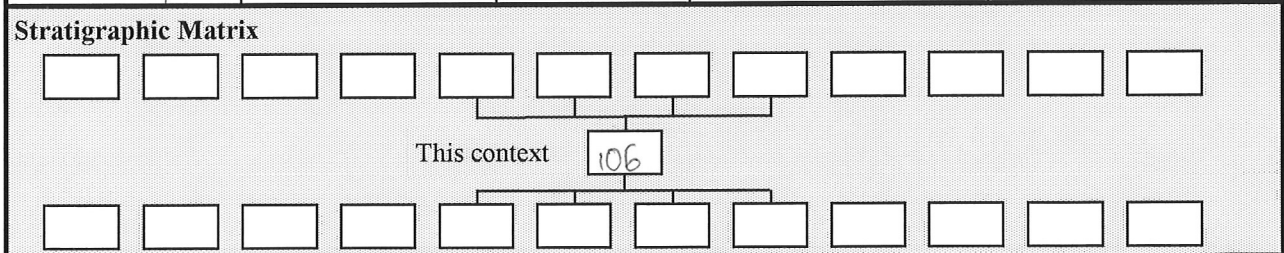
**Recorders Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_





Site Code: RGF   95	Location: Inc Mill	Grid Ref.:	Masonry:	Context No.: (106)
1. Materials	1, ? LIMESTONE			
2. Size of materials	2, c. 1.96m x 0.58m			
3. Stone finish/coursing	3, Squared + shaped to fit gearing wheels in			
4. Brick bond	4, -			
5. Form	5, -			
6. Direction of face (s)	6, faces east			
7. Bonding material	7, ?			
8. Other comments	8, /			

Plan No.	Elevation No.	Lgth	Wdth / Diam	Hgt / Dpth
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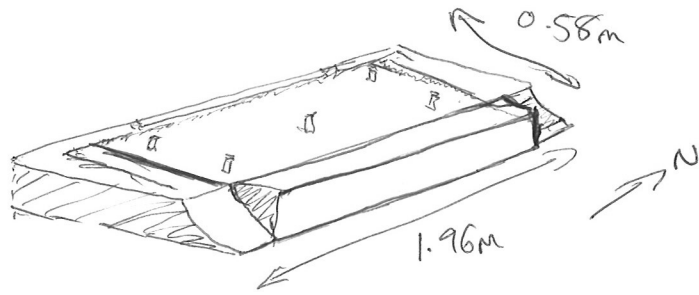


<b>Interpretation and discussion</b>	Internal	External
<p>Stone block which has been shaped to take a main gearing wheel on it's top (and has 5 metal 'screws' for this purpose and two smaller flywheels to its S.E + N.E. The centre of this rectangle of stone has been lowered by c. 4mm + two small channels have been cut in the raised outer area to the same depth, going E-W. The stone is bonded with brickwork (103) + is definitely contemporary.</p>		

Structure Number:	Provisional date: Phase 3
-------------------	---------------------------

<b>Associated contexts</b>	<b>Samples</b>	
Context same as: <input type="checkbox"/>	Petrological: <input type="checkbox"/>	Regular bricks: <input type="checkbox"/>
Worked stone: <input type="checkbox"/>	Mortar: <input type="checkbox"/>	Special bricks: <input type="checkbox"/>

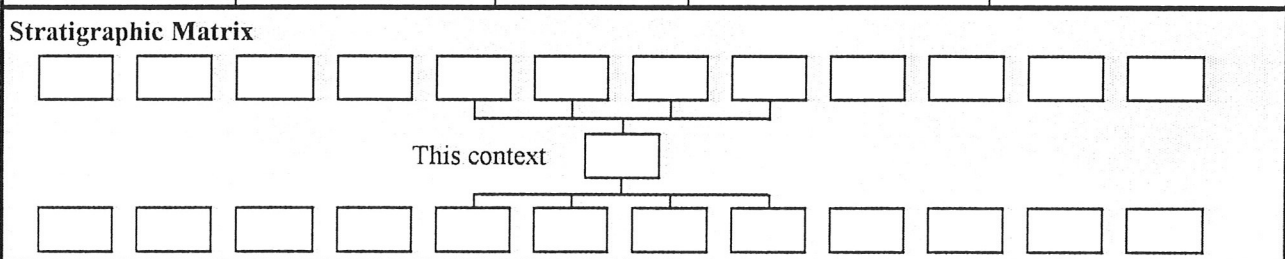
⌘



Site Code: RGT 195	Location: Inc Mill.	Grid Ref.:	Structure No.:	Context No.: (107)
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<b>WALL / FOUNDATION</b>	
1. Materials	1, York Sandstone.
2. Size of materials	2, Varies - largest c. 1.11m x 0.79m
3. Stone finish/coursing	3, Squared Stone
4. Brick bond	4, -
5. Form	5, Flooring - slabbing.
6. Direction of face (s)	6, -
7. Bonding material	7, None.
8. Other comments	

Plan No. (	Section No.	Lgth	Width	Hgt / Dpth
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**Physical relationships**

Earlier than	Covered by:	Contemporary with	Part of:	Later than	Covers:
	Cut by:		Includes:		Cuts:
	Butted by:		Same as:		Butts:

**Interpretation and discussion**

	Internal	External
<p>York slabbing on floor of main 'channel' running N-S, breaks in centre + also for two bearing pits, or where a slab is broken it is possible to see that it overlies an undercroft - probably for drainage. Where the slabbing meets the circular bearing pit it is shaped to conform to the circle.</p>		

Provisional date: Phase 3.

**Samples**

Petrological: <input style="width: 90%;" type="text"/>	Regular bricks: <input style="width: 90%;" type="text"/>
Mortar: <input style="width: 90%;" type="text"/>	Other bricks: <input style="width: 90%;" type="text"/>

Finds: (Specify) <input style="width: 90%;" type="text"/>	Worked stone: <input style="width: 90%;" type="text"/>
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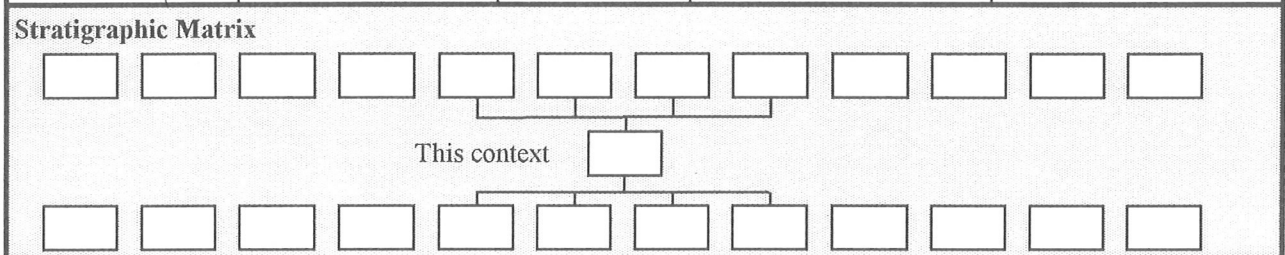




Site Code: <b>RGF 95</b>	Location: <b>INC MILL</b>	Grid Ref.:	Type:	Context No.: <b>(109)</b>
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<b>DEPOSIT</b>  1. Colour 2. Composition / Particle size 3. Compaction 4. Inclusions 5. Horizon clarity 6. Contamination risk 7. Methods and conditions 8. Other comments	<b>1/ Grey Brown</b> <b>2/ -</b> <b>3/ -</b> <b>4/ Rubble - large pieces brick etc.</b> <b>5/ -</b> <b>6/ High</b> <b>7/ -</b>	<b>CUT</b>  1. Shape in plan 2. Corners 3. Break of slope - top 4. Sides 5. Break of slope - base 6. Base 7. Orientation 8. Inclination of axis 9. Fill context number 10. Other comments <b>Draw profile overleaf</b>
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Plan No. <b>1</b>	Section No.	Lgth	Wdth / Diam	Hgt / Dpth
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Earlier than	Covered by:	Contemporary with	<b>Physical relationships</b>	Later than	Covers:
	Filled by:		Part of:		Fill of:
	Cut by:		Includes:		Cuts:
	Butted by:		Same as:		Butts:

<b>Interpretation and discussion</b>	Internal	External	Structural	Other
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*Debris & rubble which fills many of the rooms of the Inc Mill as well as slots & southern bearing pit. - also overles some of the brickwork - destruction deposit.*

Provisional date: *? Phase 6 or after.*

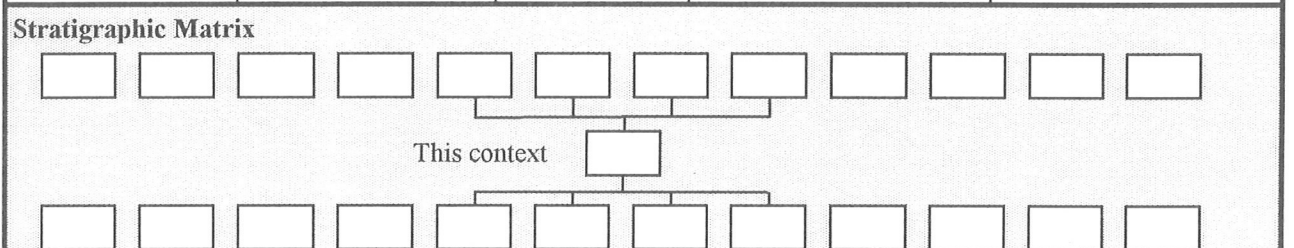
△ **Small Finds (number and type)**

◇ <b>Environmental Samples (number)</b>	<b>Finds</b>	Specify anything not below						
	None	Pot	Bone	Glass	Metal	Wood	Leather	Other
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Site Code: <b>RGF 195</b>	Location: <b>INC MILL</b>	Grid Ref.:	Type:	Context No.: <b>(110)</b>
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<b>DEPOSIT</b>		<b>CUT</b>
1. Colour 2. Composition / Particle size 3. Compaction 4. Inclusions 5. Horizon clarity 6. Contamination risk 7. Methods and conditions 8. Other comments	<b>1, Dark Grey/Black.</b> <b>2, -</b> <b>3, Hard.</b> <b>4, -</b> <b>5, Good</b> <b>6, Low.</b> <b>7, -</b> <b>8, Ashfelt.</b>	1. Shape in plan 2. Corners 3. Break of slope - top 4. Sides 5. Break of slope - base 6. Base 7. Orientation 8. Inclination of axis 9. Fill context number 10. Other comments <b>Draw profile overleaf</b>

Plan No.	Section No.	Lgth	Wdth / Diam	Hgt / Dpth
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Earlier than	Covered by:	Contemporary with	<b>Physical relationships</b>		Later than	Covers:
	Filled by:		Part of:	(104)		Fill of:
	Cut by:		Includes:			Cuts:
	Butted by:		Same as:			Butts:

<b>Interpretation and discussion</b>	Internal	External	Structural	Other
Ashfelt chimpooresing part of modern solvent store - between brickwork (104)				
Provisional date: <b>Phase 6</b>				

△ **Small Finds (number and type)**

◇ <b>Environmental Samples (number)</b>	<b>Finds</b> Specify anything not below
	None   Pot   Bone   Glass   Metal   Wood   Leather   Other <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>



Site Code: RGF 195	Location: Inc Mill	Grid Ref.:	Structure No.:	Context No.: (111)
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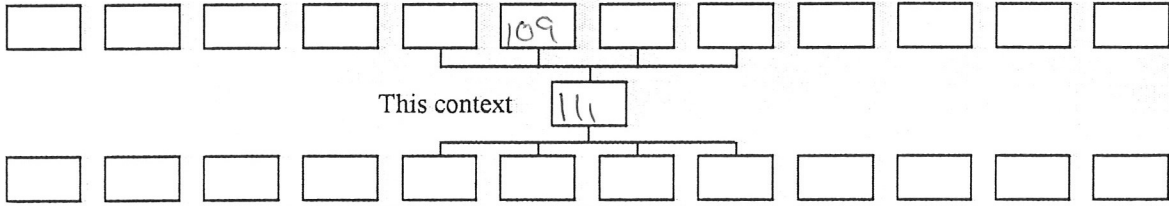
**WALL / FOUNDATION**

1. Materials
2. Size of materials
3. Stone finish/coursing
4. Brick bond
5. Form
6. Direction of face (s)
7. Bonding material
8. Other comments

1, Tiles  
 2, Varies  
 3, Broken up  
 4, Lime mortar  
 5, Platform of some sort.  
 6, -  
 7, Lime mortar  
 8, - Capped by lime mortar.

Plan No.	Section No.	Lgth	Width	Hgt / Dpth
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**Stratigraphic Matrix**



**Physical relationships**

Earlier than	Covered by: (109)	Contemporary with	Part of:	Later than	Covers:
	Cut by:		Includes:		Cuts:
	Butted by:		Same as:		Butts:

**Interpretation and discussion**

Part of central gearing area - ~~to~~ to the N. side of the channel running from sluice 'a' (for waterwheel shaft) flat area -> stone bearing -> layers of broken tile making up a flat surface very similar to (112)

Provisional date: Phase 3

**Samples**

Petrological: <input style="width: 90%;" type="text"/>	Regular bricks: <input style="width: 90%;" type="text"/>
Mortar: <input style="width: 90%;" type="text"/>	Other bricks: <input style="width: 90%;" type="text"/>

Finds: (Specify) <input style="width: 90%;" type="text"/>	Worked stone: <input style="width: 90%;" type="text"/>
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Site Code: RGF 45	Location: Inc M <sub>inc</sub>	Grid Ref.:	Structure No:	Context No.: (112)	
<b>WALL / FOUNDATION</b>					
1. Materials 2. Size of materials 3. Stone finish/coursing 4. Brick bond 5. Form 6. Direction of face (s) 7. Bonding material 8. Other comments		1, Slate. 2, Varies 3, Broken 4, - 5, Platform of some sort. 6, - 7, Lime mortar 8, Capped by lime mortar.			
Plan No.	Section No.	Lgth	Width	Hgt / Dpth	
<b>Stratigraphic Matrix</b>					
<b>Physical relationships</b>					
Earlier than	Covered by:	Contemporary with	Part of:	Later than	
	Cut by:		Includes:		
	Butted by:		Same as:		
				Covers:	
				Cuts:	
				Butts:	
<b>Interpretation and discussion</b>				Internal	External
Part of central gearing area - as with (111) except on S. side of waterwheel shaft channel - again possibly load bearing but instead of tile, layers of slate are used to make up flat surface.					
				Provisional date:	Phase 3
<b>Samples</b>					
Petrological:	<input type="text"/>	Regular bricks:	<input type="text"/>		
Mortar:	<input type="text"/>	Other bricks:	<input type="text"/>		
Finds: (Specify)	<input type="text"/>	Worked stone:	<input type="text"/>		

Site Code: Rgf   95	Location:	Grid Ref.:	Structure No:	Context No.: <del>113</del> (113)	
<b>WALL/FOUNDATION</b>					
1. Materials 2. Size of materials 3. Stone finish/coursing 4. Brick bond 5. Form 6. Direction of face (s) 7. Bonding material 8. Other comments	1, Limestone. 2, 0.58m x 0.58m. 3, Squared. 4, - 5, Stone block (carved) 6, - 7, - 8, /				
Plan No.	Section No.	Lgth	Width	Hgt / Dpth	
<b>Stratigraphic Matrix</b>					
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> </div> <div style="text-align: center; margin: 10px 0;">                 This context <span style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></span> </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> <div style="border: 1px solid black; width: 30px; height: 30px; margin: 5px;"></div> </div>					
<b>Physical relationships</b>					
Earlier than	Covered by:	Contemporary with	Part of: (106)	Later than	Covers:
	Cut by:		Includes:		Cuts:
	Butted by:		Same as:		Butts:
<b>Interpretation and discussion</b>				Internal	External
linked to (106) - extension (106) wasn't. quite big enough to cover the whole gearing area so (113) has been made to finish it off, contains slope for fly wheel & groove to take wheel mounting - also iron 'screw' embedded in centre (see Plan #1)					
					Provisional date:
<b>Samples</b>					
Petrological:	<input style="width: 90%;" type="text"/>	Regular bricks:	<input style="width: 90%;" type="text"/>		
Mortar:	<input style="width: 90%;" type="text"/>	Other bricks:	<input style="width: 90%;" type="text"/>		
Finds: (Specify)	<input style="width: 90%;" type="text"/>	Worked stone:	<input style="width: 90%;" type="text"/>		



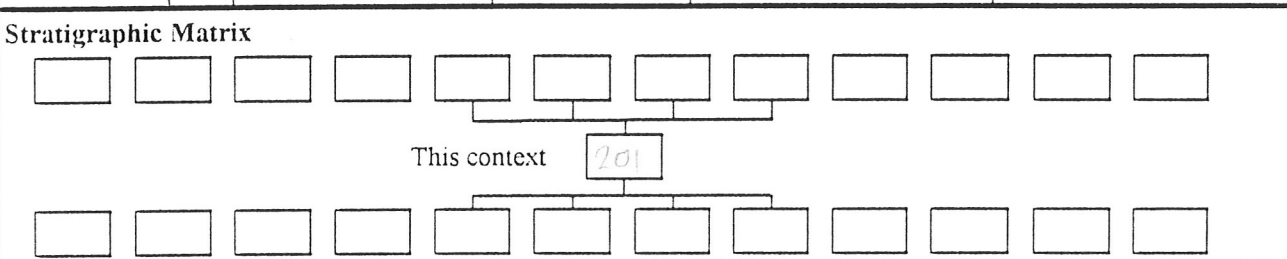


STONES

Site Code: RGF 95	Location: SLICE 'C/D'	Grid Ref.:	Masonry:	Context No.: (201)
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1. Materials 2. Size of materials 3. Finish of stones 4. Coursing / bond 5. Form 6. Direction of face (s) 7. Bonding material 8. Other comments	1/ ? LIMESTONE 2/c. 20cm x c. 25cm 3/ <del>3</del> EDGES ARE CUT FAIRLY STRAIGHT, OTHER ROUGH 4/ NONE 5/- 6/ N-S 7/ NONE 8/ FOUNDATION STONES
--	--

Plan No. 1	Elevation No.	Lgth	Wdth / Diam	Hgt / Dpth
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**Interpretation and discussion**

	Internal	External
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PROBABLY FOUNDATION STONES FOR BRICKWORK  
 (SOME OF WHICH STILL OVERLIES IT) - RESPECTS THE EDGE OF THE  
 PLANKING. - POS. ORIGINAL WALL FOUNDATION LINING PLANKING

Structure Number:	Provisional date: PHASE 1.
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<b>Associated contexts</b>	<b>Samples</b>	
Context same as: <input type="checkbox"/>	Petrological: <input type="checkbox"/>	Regular bricks: <input type="checkbox"/>
Worked stone: <input type="checkbox"/>	Mortar: <input type="checkbox"/>	Special bricks: <input type="checkbox"/>





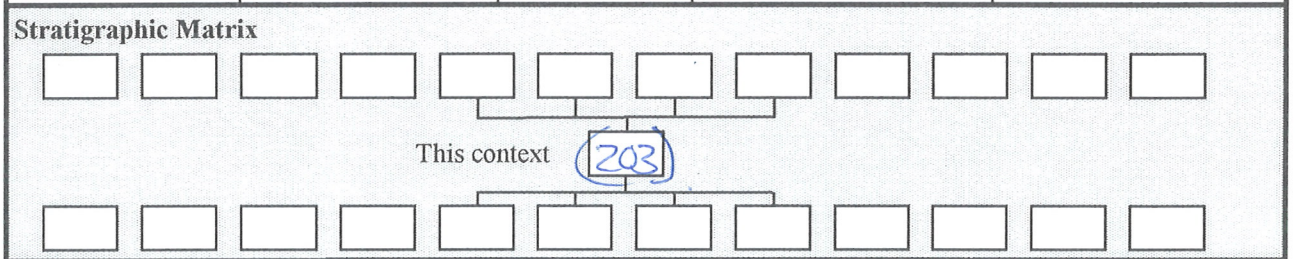
Site Code: <i>RGF</i>	Location: <i>95 Stone A, B, C,</i>	Grid Ref.:	Structure No.:	Context No.: <i>(202)</i>																													
<b>WALL / FOUNDATION</b>																																	
<ol style="list-style-type: none"> <li>1. Materials</li> <li>2. Size of materials</li> <li>3. Stone finish/coursing</li> <li>4. Brick bond</li> <li>5. Form</li> <li>6. Direction of face (s)</li> <li>7. Bonding material</li> <li>8. Other comments</li> </ol>		<i>1 Brick.</i> <del><i>230mm x 75mm</i></del> <i>2 30mm x 75mm</i>																															
		<i>4 Smpt.</i>																															
		<i>5 Horizontal</i>																															
		<i>7 None.</i>																															
Plan No.	Section No.	Lgth	Width	Hgt / Dpth																													
<b>Stratigraphic Matrix</b>																																	
<table style="margin: auto; border: none;"> <tr> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> <tr> <td colspan="5" style="text-align: center;">                     This context <span style="border: 1px solid black; padding: 2px;"><i>202</i></span> </td> </tr> <tr> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> </table>																	This context <span style="border: 1px solid black; padding: 2px;"><i>202</i></span>																
This context <span style="border: 1px solid black; padding: 2px;"><i>202</i></span>																																	
<b>Physical relationships</b>																																	
Earlier than	Covered by:	Contemporary with	Part of:	Later than	Covers:																												
	Cut by:		Includes:		Cuts:																												
	Butted by:		Same as:		Butts:																												
<b>Interpretation and discussion</b>				Internal	External <input checked="" type="checkbox"/>																												
<i>Brick pavement in short walls bricks have on edge on silt?</i>																																	
Provisional date: <i>Phase 2.</i>																																	
<b>Samples</b>																																	
Petrological:		Regular bricks:	<i>No stocks.</i>																														
Mortar:		Other bricks:																															
Finds: (Specify)		Worked stone:																															



Site Code: <i>RGF 95</i>	Location: <i>Storce ABCD</i>	Grid Ref.:	Type:	Context No.: <i>(203)</i>
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DEPOSIT	CUT
<ol style="list-style-type: none"> <li>1. Colour</li> <li>2. Composition / Particle size</li> <li>3. Compaction</li> <li>4. Inclusions</li> <li>5. Horizon clarity</li> <li>6. Contamination risk</li> <li>7. Methods and conditions</li> <li>8. Other comments</li> </ol>	<ol style="list-style-type: none"> <li>1. Shape in plan</li> <li>2. Corners</li> <li>3. Break of slope - top</li> <li>4. Sides</li> <li>5. Break of slope - base</li> <li>6. Base</li> <li>7. Orientation</li> <li>8. Inclination of axis</li> <li>9. Fill context number</li> <li>10. Other comments</li> </ol> <p style="text-align: center;"><b>Draw profile overleaf</b></p>
<p><i>1 Black</i></p> <p><i>2 Silt / Clay</i></p> <p><i>3 Soft</i></p> <p><i>4 -</i></p> <p><i>5 Good</i></p> <p><i>6 High</i></p> <p><i>7 Good summary</i></p>	

Plan No.	Section No.	Lgth	Wdth / Diam	Hgt / Dpth
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Earlier than	Covered by: <i>(202)</i>	Contemporary with	<b>Physical relationships</b>		Later than	Covers:
	Filled by:		Part of:	Fill of:		
	Cut by:		Includes:	Cuts:		
	Butted by:		Same as:	Butts:		

Interpretation and discussion	Internal	External	Structural	Other
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Silt in the base of Canal. Only visible in Storce D. Covered by brick pavement and timber.

Provisional date:

△ **Small Finds** (number and type)

◇ <b>Environmental Samples</b> (number)	<b>Finds</b>	Specify anything not below						
	None   Pot   Bone   Glass   Metal   Wood   Leather   Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>





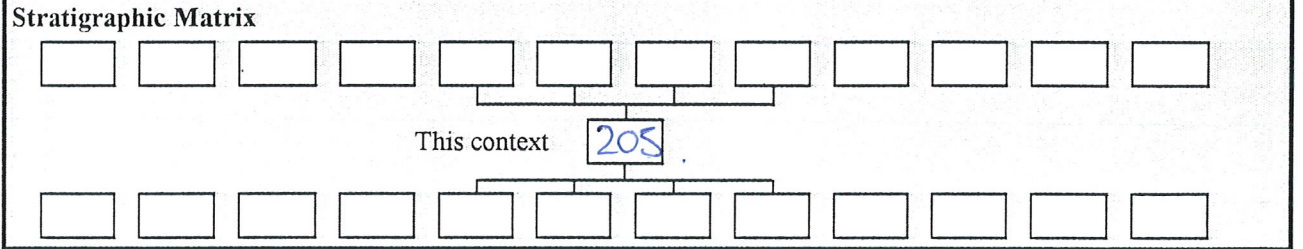


Site Code: <i>RG7</i>	Location: <i>95 Shorewalls.</i>	Grid Ref.:	Structure No:	Context No.: <i>(204)</i>																																				
<b>WALL / FOUNDATION</b>																																								
1. Materials 2. Size of materials 3. Stone finish/coursing 4. Brick bond 5. Form 6. Direction of face (s) 7. Bonding material 8. Other comments	① Bricks ② 230 x 075mm ③ Handmade ④ Wall ⑤ Vertical ⑦ Lime Mortar																																							
Plan No.	Section No.	Lgth	Width	Hgt / Dpth																																				
<b>Stratigraphic Matrix</b>																																								
<table style="margin: auto; border: none;"> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> </tr> <tr> <td colspan="5" style="text-align: center;">           This context <span style="border: 1px solid black; border-radius: 50%; padding: 2px;"><i>204</i></span> </td> <td colspan="3"></td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> </tr> </table>																	This context <span style="border: 1px solid black; border-radius: 50%; padding: 2px;"><i>204</i></span>																							
This context <span style="border: 1px solid black; border-radius: 50%; padding: 2px;"><i>204</i></span>																																								
<b>Physical relationships</b>																																								
Earlier than	Covered by:	Contemporary with	Part of:	Later than	Covers:																																			
	Cut by:		Includes:		Cuts:																																			
	Butted by:		Same as:		Butts:																																			
<b>Interpretation and discussion</b>				Internal	External																																			
<p><i>The walls of all the structures are one build hence one number. The Bricks are red and soft (hand made impressed) Patched with yellow/gray brick (as 103)</i></p>																																								
				Provisional date:	<i>Phase 2</i>																																			
<b>Samples</b>																																								
Petrological:		Regular bricks:	<i>Red Bricks.</i>																																					
Mortar:	<i>lime base.</i>	Other bricks:																																						
Finds: (Specify)		Worked stone:																																						

Site Code: <b>RGF</b>	Location: <b>95 Swirestone</b>	Grid Ref.:	Structure No.:	Context No.: <b>(205)</b>
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WALL / FOUNDATION	
1. Materials	① Portland Cement.
2. Size of materials	② 100mm x 500mm x Av 900mm.
3. Stone finish/coursing	③ ✓
4. Brick bond	④ N/A.
5. Form	⑤ Wall capping
6. Direction of face (s)	⑥ Horizontal.
7. Bonding material	⑦ lime mortar.
8. Other comments	

Plan No.	Section No.	Lgth	Width	Hgt / Dpth
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**Physical relationships**

Earlier than	Covered by:	Contemporary with	Part of: <b>(204)</b>	Later than	Covers: <b>(204)</b>
	Cut by:		Includes:		Cuts:
	Butted by:		Same as:		Butts:

**Interpretation and discussion**

<b>Portland capping stone. Well faced and fitted</b>	Internal	External
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Provisional date: **Phase 2.**

**Samples**

Petrological: <input type="text"/>	Regular bricks: <input type="text"/>
Mortar: <b>lime based</b>	Other bricks: <input type="text"/>
Finds: (Specify) <input type="text"/>	Worked stone: <input checked="" type="checkbox"/>



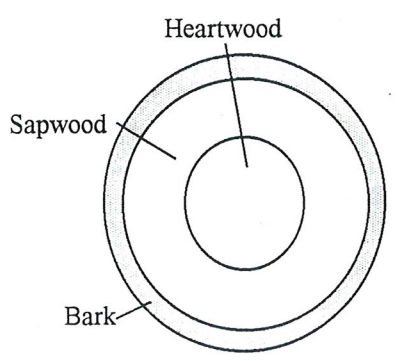


Site Code: <i>RGT 95</i>	Location:	Grid Ref.:	Structure No:	Context No.: <i>(206)</i>																																			
<b>WALL / FOUNDATION</b>																																							
1. Materials	<i>① Portland Stone.</i>																																						
2. Size of materials	<i>② 1m x 17m (total)</i>																																						
3. Stone finish/coursing																																							
4. Brick bond																																							
5. Form																																							
6. Direction of face (s)	<i>⑤ Base of stone Band C.</i>																																						
7. Bonding material																																							
8. Other comments																																							
Plan No.	Section No.	Lgth	Width	Hgt / Dpth																																			
<b>Stratigraphic Matrix</b>																																							
<table style="margin: auto; border: none;"> <tr> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> <tr> <td colspan="5" style="text-align: center;">This context <span style="border: 1px solid black; padding: 2px;"><i>206</i></span></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> </table>																	This context <span style="border: 1px solid black; padding: 2px;"><i>206</i></span>																						
This context <span style="border: 1px solid black; padding: 2px;"><i>206</i></span>																																							
<b>Physical relationships</b>																																							
Earlier than	Covered by:	Contemporary with	Part of:	Later than	Covers:																																		
	Cut by:		Includes:		Cuts:																																		
	Butted by:		Same as:		Butts:																																		
<b>Interpretation and discussion</b>				Internal	External																																		
<i>Portland Stone wall housing and stone base. Heavily worked Portland stone of unknown thickness, final dimensions also unknown. Obviously purpose of stone possibly in stone to take that which can be main stone.</i>																																							
				Provisional date:																																			
<b>Samples</b>																																							
Petrological:	<input style="width: 90%;" type="text"/>	Regular bricks:	<input style="width: 90%;" type="text"/>																																				
Mortar:	<input style="width: 90%;" type="text"/>	Other bricks:	<input style="width: 90%;" type="text"/>																																				
Finds: (Specify) <input style="width: 90%;" type="text"/>			Worked stone: <input style="width: 90%;" type="text"/>																																				





Site Code: <b>RGF 95</b>	Location:	Grid Ref:	Context No: <b>(207)</b>
1. Type 2. Position 3. Orientation 4. Condition 5. Tool marks 6. Joints and fixings 7. Surface treatment 8. Mouldings 9. Methods and conditions 10. Other comments	① <b>Pranking</b> ② <b>Bed North of sturtes</b> ③ <b>N/S</b> ④ <b>GOOD</b> ⑤ <b>None apparent</b> ⑥ <b>Iron Nails</b>		
Plan No.	Section No.	Lgth	Wdth / Diam
<b>Stratigraphic Matrix</b> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> </div> <p style="text-align: center;">This context <span style="border: 1px solid black; padding: 2px;"><b>207</b></span></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> </div>			
<b>Interpretation and discussion</b> Pranking Base on North side of sturtes, runs under central pit and may relate to the far west part of reconstruction. Planks of various widths but jointed and nailed to cross members.			Internal
<b>Timber Cross-section:</b> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> Whole</div> <div style="text-align: center;"> Halved</div> <div style="text-align: center;"> Quartered</div> <div style="text-align: center;"> Radial</div> <div style="text-align: center;"> Boxed</div> <div style="text-align: center;"> Half boxed</div> <div style="text-align: center;"> Quarter box</div> <div style="text-align: center;"> Plank</div> </div>			
Species <input style="width: 100%;" type="text"/> Reused: No <input type="checkbox"/> Yes <input type="checkbox"/> Not kn. <input type="checkbox"/> Samples: Dendro <input style="width: 100%;" type="text"/> Ident. <input style="width: 100%;" type="text"/>		Bark Yes <input type="checkbox"/> No <input type="checkbox"/> Sapwood Yes <input type="checkbox"/> No <input type="checkbox"/> Knotty Yes <input type="checkbox"/> No <input type="checkbox"/> Straight grained Yes <input type="checkbox"/> No <input type="checkbox"/>	
Structure Number:		Provisional date: <b>Phase 1</b>	







Site Code: <b>RGF. 95</b>	Location:	Grid Ref:	Context No: <b>(208)</b>
1. Type 2. Position 3. Orientation 4. Condition 5. Tool marks 6. Joints and fixings 7. Surface treatment 8. Mouldings 9. Methods and conditions 10. Other comments	<b>Unmorticed Bark</b>		
	<b>2. <del>W</del> <del>R</del> <del>A</del></b>		
	<b>3. E/W</b>		
	<b>4. GOOD</b>		
	<b>5. None visible</b>		
	<b>6. 3 mortice joints</b>		
	<b>7. None</b>		
	<b>8. None</b>		
	<b>9. Good-Sunny</b>		
Plan No.	Section No.	Lgth	Width / Diam
<b>Stratigraphic Matrix</b> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> </div> <p style="text-align: center;">This context <span style="border: 1px solid black; padding: 2px;">208</span></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px; margin: 2px;"></div> </div>			
<b>Interpretation and discussion</b>			Internal
Large Timber Bark set into brick paving behind shelves <del>A&amp;B</del> . Three mortice holes may have held vertical timbers to act as a gate in sluice mouths. <del>They</del> Overlain by north end of central shelf pier wall. West end had a cordite filter trapped mortar.			External
<b>Timber Cross-section:</b> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> Whole</div> <div style="text-align: center;"> Halved</div> <div style="text-align: center;"> Quartered</div> <div style="text-align: center;"> Radial</div> <div style="text-align: center;"> Boxed</div> <div style="text-align: center;"> Half boxed</div> <div style="text-align: center;"> Quarter box</div> <div style="text-align: center;"> Plank</div> </div>			
Species <input style="width:80%;" type="text"/>	Reused: No <input type="checkbox"/> Yes <input type="checkbox"/> Not kn. <input checked="" type="checkbox"/>	Bark <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Sapwood <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Knotty <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Straight grained <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	<div style="text-align: center;">Heartwood</div> <div style="text-align: center;">Sapwood</div> <div style="text-align: center;">Bark</div>
Samples: Dendro <input style="width:80%;" type="text"/> Ident. <input style="width:80%;" type="text"/>	Structure Number: <input style="width:80%;" type="text"/> Provisional date: <b>Phase II</b>		





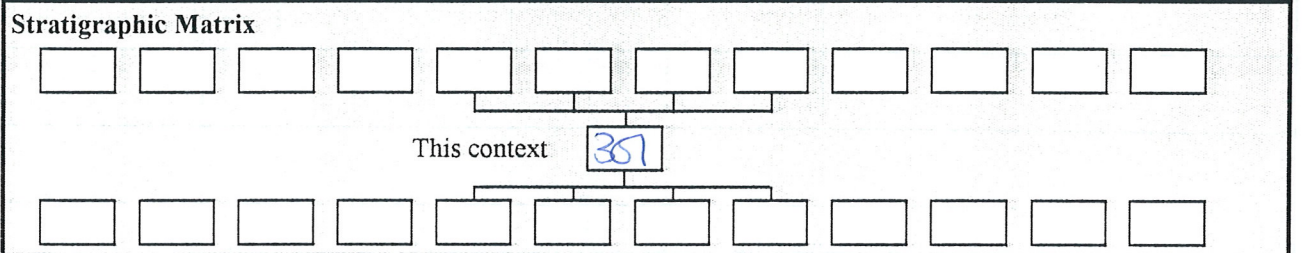
Site Code: <i>RGF 95</i>	Location: <i>Shute C.</i>	Grid Ref:	Context No: <i>(209)</i>
1. Type 2. Position 3. Orientation 4. Condition 5. Tool marks 6. Joints and fixings 7. Surface treatment 8. Mouldings 9. Methods and conditions 10. Other comments	① <i>BARK</i> ② <i>Horizontal slight slope to North</i> ③ <i>N/S</i> ④ <i>GOOD</i> ⑤ <i>Not measurable</i> ⑥ <i>3 mortice joints</i> ⑦ <i>None</i> ⑧ <i>None</i> ⑨		
Plan No.	Section No.	Lgth	Wdth / Diam
Stratigraphic Matrix			
This context <span style="border: 1px solid black; padding: 2px;"><i>209</i></span>			
Interpretation and discussion			Internal
<i>Timber arm extending beyond end of plank to floor. Joints up with crushed chalk on western edge of canal basin. May be a part of an early phase.</i>			External
Timber Cross-section:			
Whole	Halved	Quartered	Radial
Boxed	Half boxed	Quarter box	Plank
Species <input style="width: 150px;" type="text"/>	Bark	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Reused: No <input type="checkbox"/> Yes <input type="checkbox"/> Not kn. <input type="checkbox"/>	Sapwood	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Samples: Dendro <input style="width: 100px;" type="text"/>	Knotty	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Ident. <input style="width: 100px;" type="text"/>	Straight grained	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Structure Number:	Provisional date: <i>Phase I</i>		



Site Code: <i>RG7 95.</i>	Location:	Grid Ref.:	Structure No.:	Context No.: <i>(307)</i>
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<b>WALL / FOUNDATION</b>	
1. Materials	<i>1. Brick</i>
2. Size of materials	<i>2. —</i>
3. Stone finish/coursing	<i>3. —</i>
4. Brick bond	<i>4. Flemish?</i>
5. Form	<i>5. Retainment Wall</i>
6. Direction of face (s)	<i>6. —</i>
7. Bonding material	<i>7. —</i>
8. Other comments	<i>8. limt Mortar</i>

Plan No.	Section No.	Lgth	Width	Hgt / Dpth
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**Physical relationships**

Earlier than	Covered by:	Contemporary with	Part of:	Later than	Covers:
	Cut by:		Includes:		Cuts:
	Butted by:		Same as:		Butts:

<b>Interpretation and discussion</b>	Internal	External
<i>Walls of canal partment all of one build. Red bricks soft fabric unfringed.</i>		
Provisional date:		

**Samples**

Petrological: <input type="text"/>	Regular bricks: <input checked="" type="checkbox"/>
Mortar: <input type="text" value="limt BASTO"/>	Other bricks: <input type="text"/>
Finds: (Specify) <input type="text"/>	Worked stone: <input type="text"/>



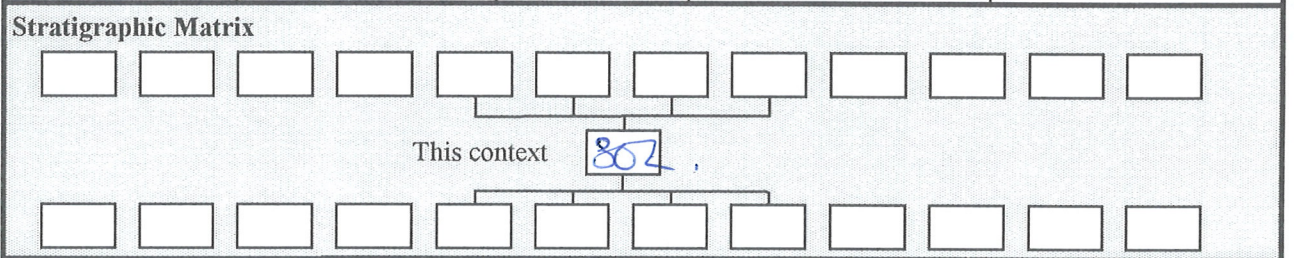


CONTEXT RECORDING SHEET

Site Code: <i>RGF</i>	Location: <i>95. Canal.</i>	Grid Ref.:	Type:	Context No.: <i>(302)</i>
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DEPOSIT	CUT
<ol style="list-style-type: none"> <li>1. Colour</li> <li>2. Composition / Particle size</li> <li>3. Compaction</li> <li>4. Inclusions</li> <li>5. Horizon clarity</li> <li>6. Contamination risk</li> <li>7. Methods and conditions</li> <li>8. Other comments</li> </ol>	<ol style="list-style-type: none"> <li>1. Shape in plan</li> <li>2. Corners</li> <li>3. Break of slope - top</li> <li>4. Sides</li> <li>5. Break of slope - base</li> <li>6. Base</li> <li>7. Orientation</li> <li>8. Inclination of axis</li> <li>9. Fill context number</li> <li>10. Other comments</li> </ol> <p style="text-align: right;"><b>Draw profile overleaf</b></p>
<ol style="list-style-type: none"> <li>① White</li> <li>② 3mm to 30mm.</li> <li>③ Compact.</li> <li>④ None.</li> <li>⑤ Good</li> <li>⑥ High.</li> <li>⑦ Sunny weather</li> </ol>	

Plan No.	Section No.	Lgth	Wdth / Diam	Hgt / Dpth
----------	-------------	------	-------------	------------



Earlier than	Covered by:	Contemporary with	<b>Physical relationships</b>		Later than	Covers:
	Filled by:		Part of:	Fill of:		
	Cut by:		Includes:	Cuts:		
	Butted by:		Same as:	Butts:		

<b>Interpretation and discussion</b>	Internal	External	Structural	Other
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*Crushed limestone exists under walls of canal and in an isolated lint on the western edge of the canal.*

Provisional date: *Phase I and II*

△ **Small Finds** (number and type)

◇ <b>Environmental Samples</b> (number)	<b>Finds</b> Specify anything not below							
	None	Pot	Bone	Glass	Metal	Wood	Leather	Other
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>







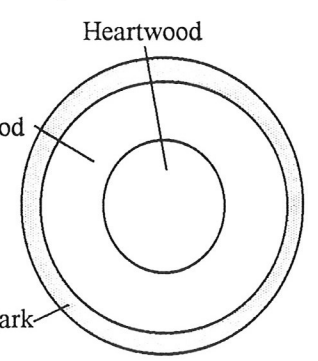
Site Code: <i>RGF 95</i>	Location:	Grid Ref:	Context No: <i>(303)</i>																																				
1. Type 2. Position 3. Orientation 4. Condition 5. Tool marks 6. Joints and fixings 7. Surface treatment 8. Mouldings 9. Methods and conditions 10. Other comments	① Stake ② Vertical ③ — ④ Good to Fair ⑤ None visible ⑥ None ⑦ None ⑧ None ⑨ Sunny weather																																						
Plan No.	Section No.	Lgth	Wdth / Diam																																				
Stratigraphic Matrix <div style="text-align: center;"> <p>This context <span style="border: 1px solid black; padding: 2px;">303</span></p> </div>																																							
Interpretation and discussion			Internal      External																																				
<p><i>Piling stakes to hold up flint wall</i></p>																																							
Timber Cross-section: <div style="display: flex; justify-content: space-around; align-items: flex-end; margin-top: 10px;"> <div style="text-align: center;"> <p>Whole</p> </div> <div style="text-align: center;"> <p>Halved</p> </div> <div style="text-align: center;"> <p>Quartered</p> </div> <div style="text-align: center;"> <p>Radial</p> </div> <div style="text-align: center;"> <p>Boxed</p> </div> <div style="text-align: center;"> <p>Half boxed</p> </div> <div style="text-align: center;"> <p>Quarter box</p> </div> <div style="text-align: center;"> <p>Plank</p> </div> </div> <div style="margin-top: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Species</td> <td style="border: 1px solid black; width: 40%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>Reused: No</td> <td><input type="checkbox"/></td> <td>Yes</td> <td><input type="checkbox"/></td> <td>Not kn.</td> <td><input type="checkbox"/></td> <td>Bark</td> <td>Yes</td> <td>No</td> </tr> <tr> <td>Samples: Dendro</td> <td style="border: 1px solid black;"></td> <td>Sapwood</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Knotty</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Ident.</td> <td style="border: 1px solid black;"></td> <td>Straight grained</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <div style="margin-top: 10px; text-align: right;"> </div> </div>				Species									Reused: No	<input type="checkbox"/>	Yes	<input type="checkbox"/>	Not kn.	<input type="checkbox"/>	Bark	Yes	No	Samples: Dendro		Sapwood	<input type="checkbox"/>	<input type="checkbox"/>	Knotty	<input type="checkbox"/>	<input type="checkbox"/>		Ident.		Straight grained	<input type="checkbox"/>	<input type="checkbox"/>				
Species																																							
Reused: No	<input type="checkbox"/>	Yes	<input type="checkbox"/>	Not kn.	<input type="checkbox"/>	Bark	Yes	No																															
Samples: Dendro		Sapwood	<input type="checkbox"/>	<input type="checkbox"/>	Knotty	<input type="checkbox"/>	<input type="checkbox"/>																																
Ident.		Straight grained	<input type="checkbox"/>	<input type="checkbox"/>																																			
Structure Number:		Provisional date: <i>Phase II</i>																																					







Site Code: <b>RGT 95</b>	Location:	Grid Ref:	Context No: <b>(305)</b>																
1. Type 2. Position 3. Orientation 4. Condition 5. Tool marks 6. Joints and fixings 7. Surface treatment 8. Mouldings 9. Methods and conditions 10. Other comments	① <b>Frame</b> ② <b>Vertical</b> ③ <b>—</b> ④ <b>RAW</b> ⑤ <b>None</b> ⑥ <b>Probable mortices</b> ⑦ <b>None visible</b>																		
Plan No.	Section No.	Lgth	Wdth / Diam																
<b>Stratigraphic Matrix</b>																			
This context <b>305</b>																			
<table border="1" style="width:100%; height: 40px;"> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> </tr> </table>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<b>Interpretation and discussion</b>			Internal																
A Timber frame inside (304). Purpose made part rotted?			External																
<b>Timber Cross-section:</b>																			
<table style="width:100%; text-align: center;"> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Whole</td> <td>Halved</td> <td>Quartered</td> <td>Radial</td> <td>Boxed</td> <td>Half boxed</td> <td>Quarter box</td> <td>Plank</td> </tr> </table>												Whole	Halved	Quartered	Radial	Boxed	Half boxed	Quarter box	Plank
Whole	Halved	Quartered	Radial	Boxed	Half boxed	Quarter box	Plank												
Species <input style="width: 100%;" type="text"/>		Bark <input type="checkbox"/> Yes <input type="checkbox"/> No																	
Reused: No <input type="checkbox"/> Yes <input type="checkbox"/> Not kn. <input type="checkbox"/>		Sapwood <input type="checkbox"/> Yes <input type="checkbox"/> No																	
Samples: Dendro <input style="width: 100%;" type="text"/>		Knotty <input type="checkbox"/> Yes <input type="checkbox"/> No																	
Ident. <input style="width: 100%;" type="text"/>		Straight grained <input type="checkbox"/> Yes <input type="checkbox"/> No																	
Structure Number:		Provisional date: <b>Phase II</b>																	



# COTSWOLD ARCHAEOLOGICAL TRUST

## PHOTOGRAPHIC REGISTER (BLACK & WHITE)



Site Name

Royal Gunpowder Factory

Site Code

RGF 95

Sheet No.

1

Film No.	Frame No.	Date & Initials	Description
695	28-29	N.T. 7-6-95	INITIAL SHOT
	30-36	"	A - NORTH TO SOUTH
00	0-1	N.T. 8-6-95	INITIAL SHOT
	2-11	"	B1 TO B4 INCLUSIVE
	12	"	SHOTS OF CHALK FOUNDATIONS → N
	13	"	A5 - S. END OF CANAL
	14	"	LOOKING INTO SLICES (W. SLICES)
	15	"	E1 + E2 → S.E.
	16	"	- 11 - LOOKING DOWN SLICES
	17	"	E1 + E2 LOOKING S. FROM FURTHER N.
	18	"	→ S. AT WOODEN PLANKING
	19	"	- 11 - - 11 - AND B6
	20	"	CLOSE UP OF PLANKING → S.
	21	"	CLOSE UP OF POSTS UNDER CANAL
	22	"	CLOSE UP OF POSTS N. OF CENTRAL BIT → W
	23	"	CLOSE UP OF BEAM WITH MORTICES → S
	24	"	VIEW OF W. SIDE OF PLANKING + FOUNDATION STONES
	25	"	VIEW OF W. END OF BEAM → E, BRICKS + COROLITE FILTER
	26	"	VIEW DOWN 2 <sup>ND</sup> SLICE FROM W. SIDE (SLICE C)
	27	"	VIEW DOWN 1 <sup>ST</sup> SLICE FROM W. SIDE (SLICE D)
	28	"	CENTRE INC. MILL → S
	29	"	EAST INC. MILL → S
	30	"	WEST INC. MILL → S
	31	"	WEST INC. MILL → S
	32	"	INC MILL → N CENTRE
	33	"	INC MILL → N WEST
	34	"	INC MILL → N EAST



# COTSWOLD ARCHAEOLOGICAL TRUST

## PHOTOGRAPHIC REGISTER (BLACK & WHITE)



Site Name ROYAL GUNPOWDER FACTORY

Site Code RGF 95

Sheet No. 2

Film No.	Frame No.	Date & Initials	Description
00	35	NT 8.6.95	CORVING BRICKWORK SLUICE 'A'
	36	"	WATERWORN 'STEPS' (J1)
117	0-1	NT 9.6.95	INITIAL SHOT
	2	"	CLOSE UP NORTHERN BEARING PIT →W
	3	"	→W AT NORTHERN SLOT.
	4	"	CLOSE UP BEARING MOUNTING BLOCK.
	5	"	CLOSE UP FLYWHEEL CHANNEL.
	6	"	→S AT S.W. CORNER OF INC. MILL
	7	"	CLOSE UP OF UNDERCROFT + BROKEN SLAB →S
	8	"	→S AT SLUICE 'A'
	9	"	→N "
	10	"	→SW "
	11	"	→NW "
	12	"	→NW AT SLUICE 'B'
	13	"	→NE "
	14	"	→NE AT SLUICE 'C'
	15	"	→NW "
	16	"	→SW "
	17	"	→SW AT SLUICE 'D'
	18	"	→NW "
	19	"	→NE "
	20	"	→SE "
	21-36	"	GENERAL SHOTS

# COTSWOLD ARCHAEOLOGICAL TRUST

## PHOTOGRAPHIC REGISTER (COLOUR SLIDE)



Site Name ROYAL GUNPOWDER FACTORY

Site Code RGF 95

Sheet No. 1

Film No.	Frame No.	Date & Initials	Description
B.88	25-26	N.T. 7.6.95	INITIAL SHOTS
	28-33	"	WALLS 'A' FROM N. TO S.
	34-37	"	GEN VIEWS 'A' LOOKING N.
B.109	0-1	N.T. 8.6.95	INITIAL SHOTS
	2-11	"	B1 SOUTH INCLUDING FEATURE IN WALL + SLUICE RAIL
	12	"	RAMMED CHALK FOOTINGS W. SIDE → N
	13	"	→ S. AT WOODEN PLANKING + B.G.
	14	"	→ S. AT WOODEN PLANKING
	15	"	E1 + E2 LOOKING S.
	16	"	E1 + E2 LOOKING S. DOWN SLICES
	17	"	E1 + E2 LOOKING S. CLOSER UP.
	18	"	LOOKING INTO W. SLICES
	19	"	AB. - S. END OF CANAL
	20	"	CLOSE UP OF PLANKING
	21	"	CLOSE UP OF POSTS UNDER CANAL WALL
	22	"	CLOSE UP OF POSTS N. OF CENTRAL SLUICE WALL
	23	"	CLOSE UP OF BEAM WITH MORTICES
	24	"	VIEW OF W. SIDE OF PLANKING, STONE FOUNDATIONS AND PACKED RUBBLE
	25	"	VIEW OF W. END OF BEAM + BEGINNING OF BRICKS
	26	"	VIEW DOWN SLUICE 'C'
	27	"	VIEW DOWN SLUICE 'D'
B.115	1	N.T. 9.6.95	INC. MILLS → S. CENTRE
	2	"	INC. MILLS → S. WEST
	3	"	INC. MILLS → S. EAST
	4	"	INC. MILLS → S. EAST.
	5	"	INITIAL SHOT.

# COTSWOLD ARCHAEOLOGICAL TRUST

## PHOTOGRAPHIC REGISTER (COLOUR SLIDE)



Site Name ROYAL GUNPOWDER FACTORY

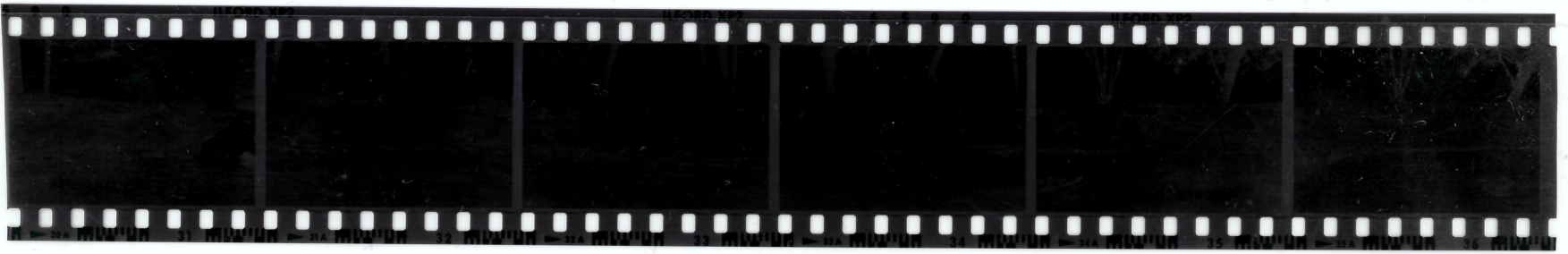
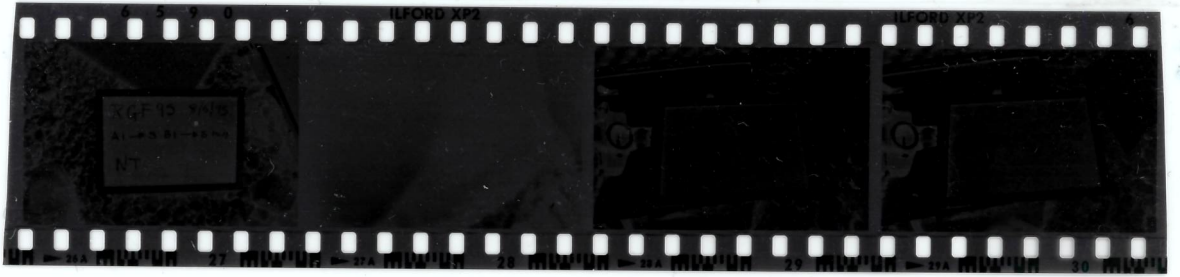
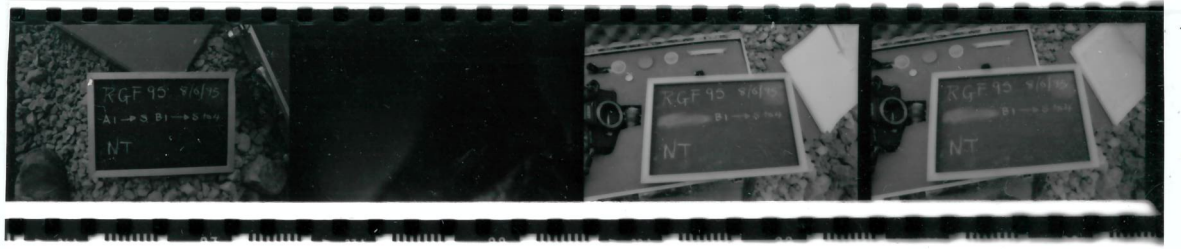
Site Code RGF 95

Sheet No. 2

Film No.	Frame No.	Date & Initials	Description
B115	6	N.T. 9-6-95	INITIAL SHOT
	7	"	INC. MILL → N EAST
	8	"	INC. MILL → N CENTRE
	9	"	INC. MILL → N WEST
	10	"	BEAM BY PLANKING → W SLUICE A/B
	11	"	CURVING BRICKWORK SLUICE A/B
	12	"	WATERWORN 'STEPS' (J1)
	13	"	CLOSE UP OF NORTHERN BEARING PIT → S.
	14	"	→ W. AT SLOT (NORTHERN SLOT)
	15	"	→ W. AT BEARING MOUNTING BLOCK
	16	"	→ W. AT FLY WHEEL CHANNEL
	17	"	→ S. AT S.W. CORNER OF INC. MILL
	18	"	CLOSE UP OF UNDERCROFT + BROKEN SLAB
	19	"	LOOKING NE AT SLUICE 'A'
	20	"	" SE " "
	21	"	" SW " "
	22	"	" NW " "
	23	"	LOOKING NW AT SLUICE 'B'
	24	"	" NE " "
	25	"	LOOKING NE AT SLUICE 'C'
	26	"	" NW " "
	27	"	" SW " "
	28	"	LOOKING SW AT SLUICE 'D'
	29	"	" NW " "
	30	"	" NE " "
	31	"	" SE " "
	32-38	"	GENERAL SHOTS



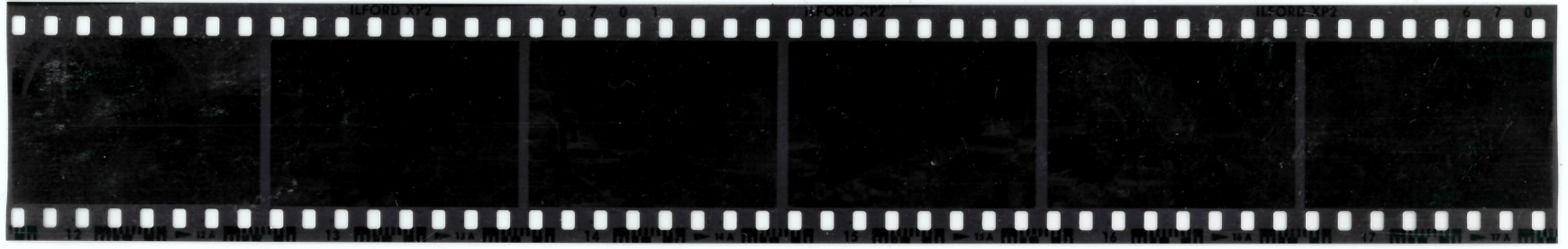
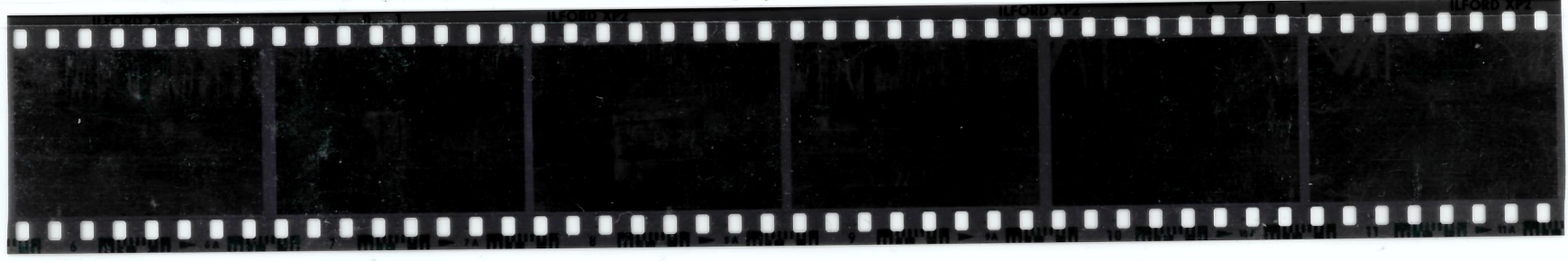
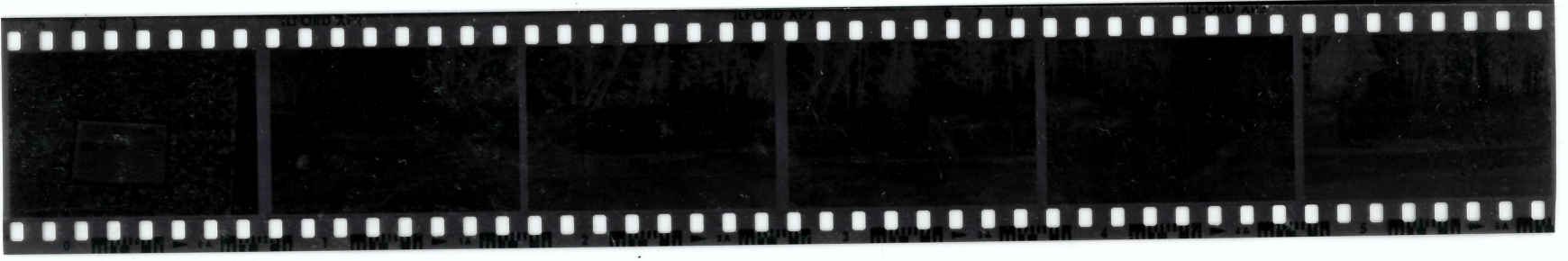
FRAME 27→  
ONLY



RGF 95 Job N° 0476  
Film # 695



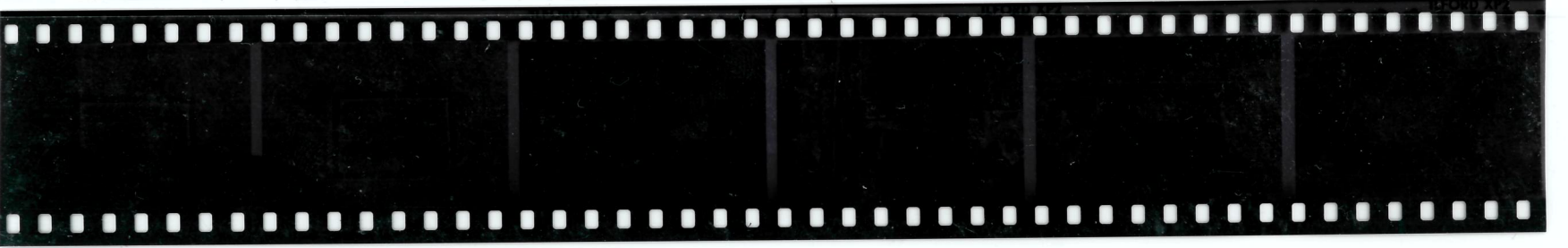
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No Number on film #00





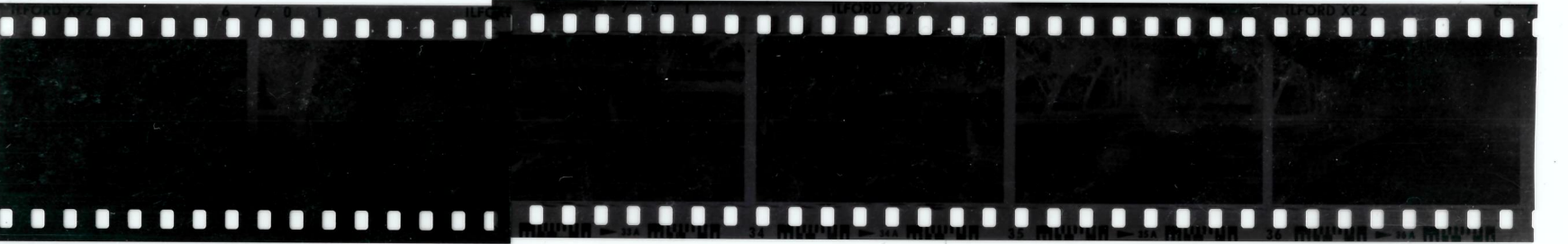
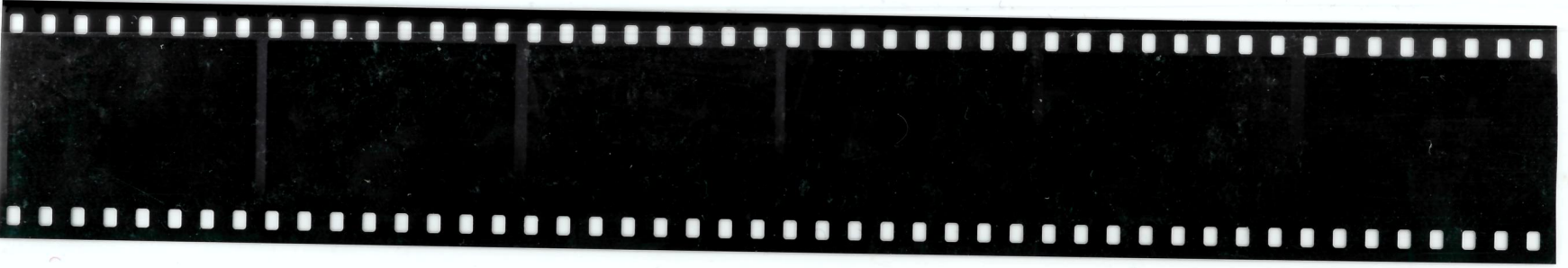
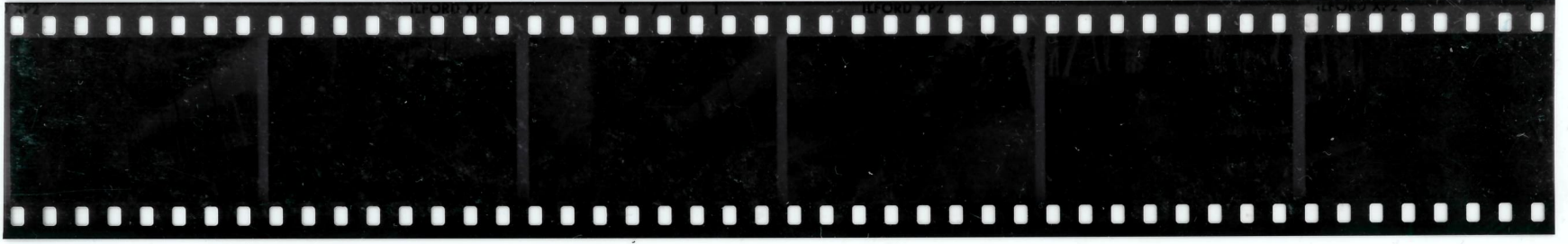






RGF 95 JOB NO: 0476  
FILM # 117





REF 95 JOB NO. 0476  
FILM # 117



SHOT 26 →  
ONLY

14.6.95 01A9944 26



RGF 95  
INITIAL SHOT

14.6.95 01A9944 27



RGF 95  
INITIAL SHOT

14.6.95 01A9944 28



RGF 95 → W  
A1 + A2

14.6.95 01A9944 29



RGF 95  
A2 + A3

14.6.95 01A9944 30



RGF 95 A2 - A3

14.6.95 01A9944 31



RGF 95 A3

14.6.95 01A9944 32



RGF 95 A3

14.6.95 01A9944 33



RGF 95 A4

14.6.95 01A9944 34



RGF 95 A4

14.6.95 01A9944 35



RGF 95 → NW ALONG  
WALL A FROM A4

14.6.95 01A9944 36



RGF 95 → NW ALONG WALL  
A FROM A4

14.6.95 01A9944 37

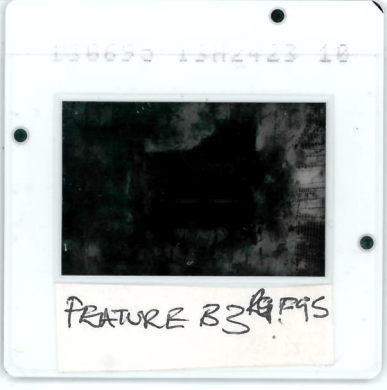


RGF 95 → NW  
A4 + GAP TO S. OF IT

RGF 95 JOB NO DA76  
FILM # B88



RGF 95 Job No. 0476  
Film # B109



13



15



17



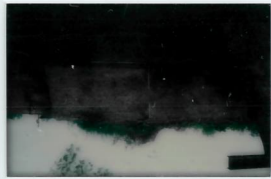
NICHOLAS HUNTER OXFORD

130695 13H2423 19



RAF 95 → S CLOSE UP  
SWICE'S C+D

130695 13H2423 20



RAF 95 → W  
A5

130695 13H2423 21



RAF 95 → S  
CLOSE UP OF PLANKING

130695 13H2423 22



RAF 95 → E  
CLOSE UP OF POSTS UNDER  
CANAL WALL

130695 13H2423 23



RAF 95 → W CLOSE UP  
OF FLAT-TOPPED POSTS

130695 13H2423 24



RAF 95 → S CLOSE UP  
OF BEAM N. OF SWICE 'C'

130695 13H2423 25



RAF 95 → E CLOSE UP  
FOUNDATION STONES SWICE  
'C'

130695 13H2423 26



RAF 95 → E DETAIL OF  
BRICKWORK + CORDITE  
FILTER

130695 13H2423 27



RAF 95 LOOKING S.  
DOWN SWICE 'C'

130695 13H2423 28

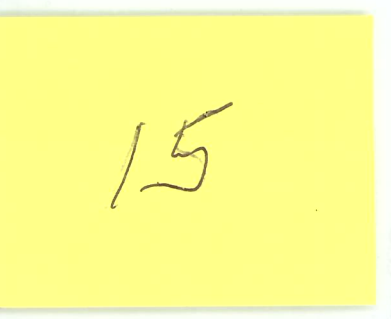
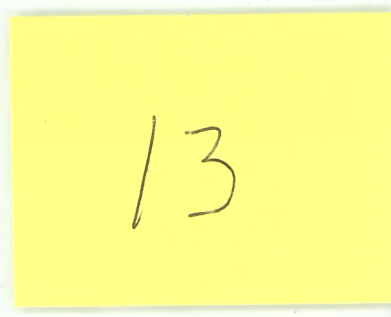
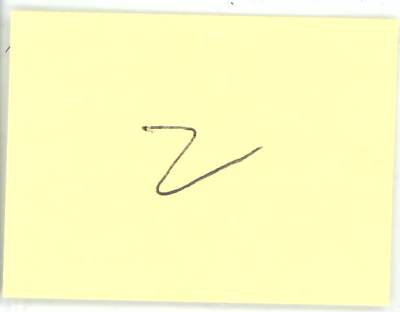


RAF 95 → S  
SWICE 'D'

RAF 95 Job No. 0476  
Film # B109



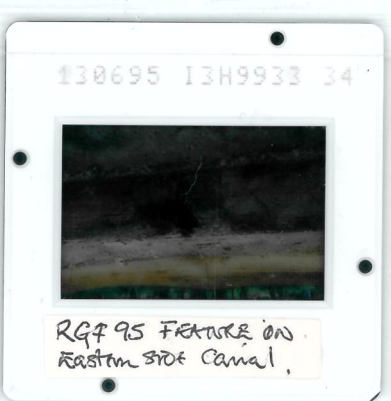
RGF 95 Job No: 0476  
film # B115



NICHOLAS HUNTER OXFORD



RGF 95 JOB NO. 0476  
FILM # B115



36



NICHOLAS HUNTER PHOTO

RGF 95 8/6/95

A1 → S B1 → S to 4

NT

RGF 95 8/6/95

BI-65704

NT



















RGF 95 8/6/95

 B1 -> S 100g

NT



























































































RGF 95 9/6/95

TNC MILLS

DETAIL























































6































RGF 95 8/6/95

A1 → S B1 → S to 4

NT











































RGF 95 8/6/95

BI → 5 to 4

NT





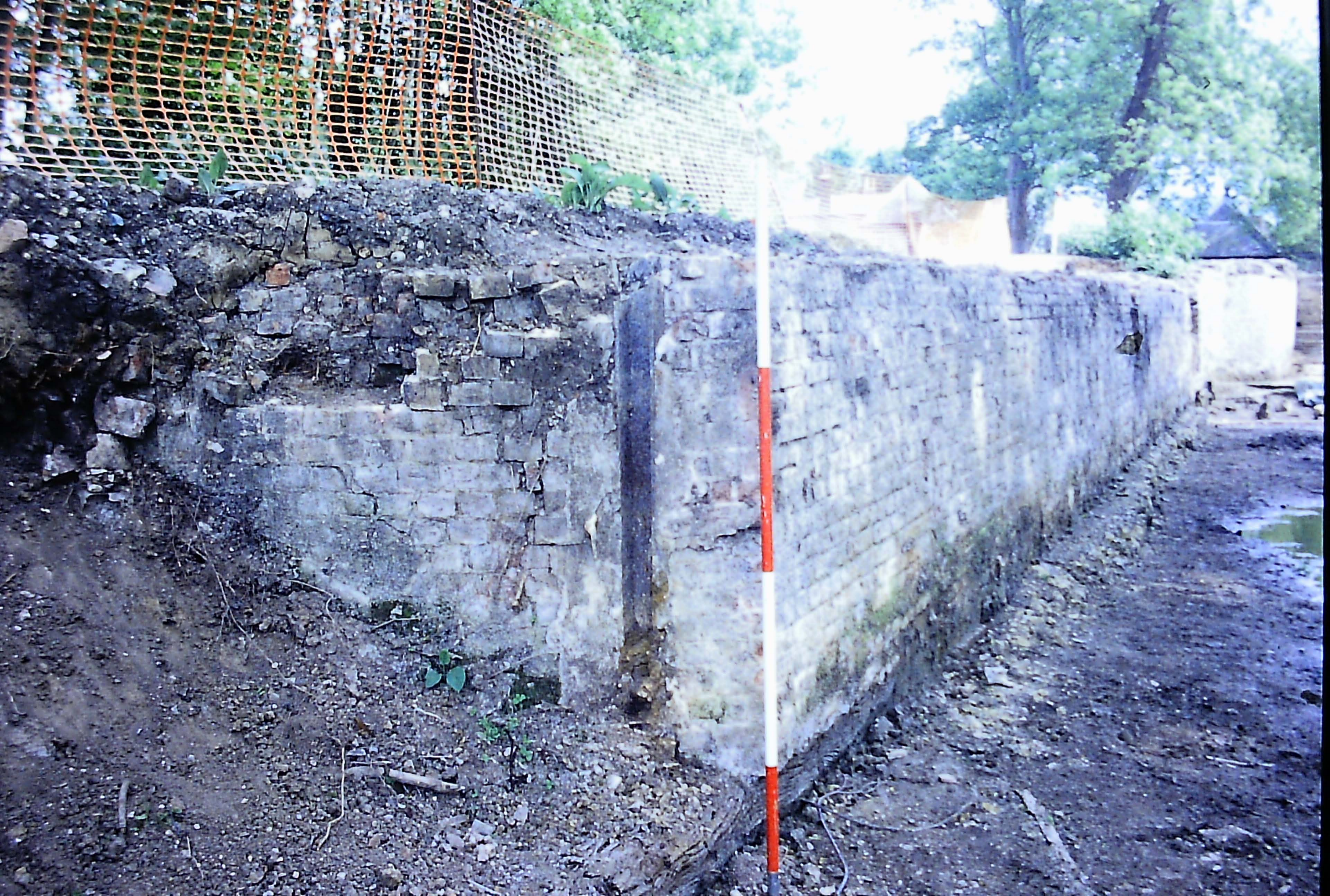






































































































RGT 95 9/6/95

INC MILLS → S

INITIAL S+101 + LAST 4 FAN



RGT 95 9/6/95

INC MILLS → S

INITIAL S+101 + LAST 4 FAN



















































































































