

Thornhill St Michael & All Angels: east window
Conservation undertaken January -May 2000 J&R Cooke

Materials used

Lead: N/A – all leadwork undertaken by Barley Studios

Glass: Tatra, supplied direct

Glass paints: Cookson Mathey, supplied by Kansacraft, Barnsley

Resin: Ciba Araldite 20/20, supplied by Optum, *Haywood Head.*

Cleaning methods

Fibre brushes, supplied by Barley Studio Supplies, York

Deionised water, supplied by R W Morten, Ilkley

Acetone on edges, supplied by Hypergraph, Leeds









Photographs

Colour slide film Fuji Sensia II 100 supplied by Anning's, Ilkley

Black and white print Ilford FP4 125, supplied by Anning's, Ilkley

**Thornhill St Michael & All Angels: east window
Conservation undertaken January- May 2000 J&R Cooke**

Charting symbols used on restoration diagrams

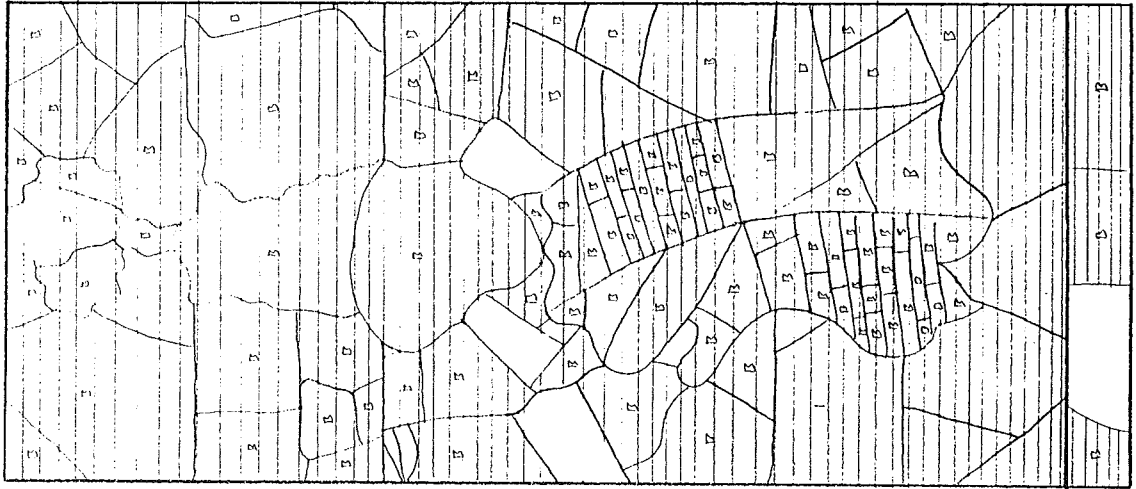
	Medieval glass
	c19 glass
	new glass inserted at previous restoration (?1945)
	new glass inserted in 2000
	glass reversed at previous restoration
	<i>in situ</i> repairs 1945-1999
	areas with backpainting
	preparatory trace lines on reverse face (Trümpler 1991)

Current conservation: symbols and abbreviations used

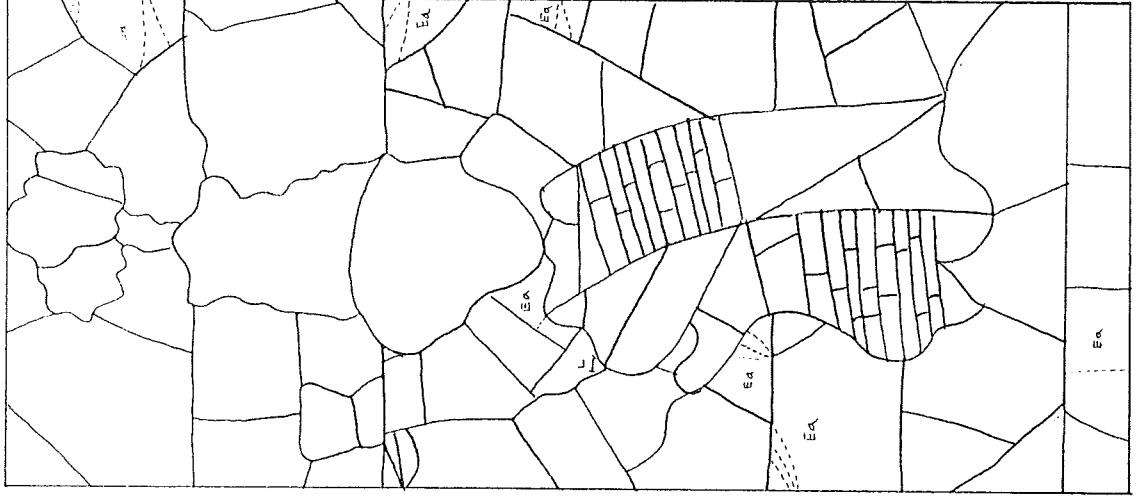
-----	crack
Ea	Edge joined by adhesive
M	modern glass newly inserted
A	new paint pigments (fired colour)
Eb	edge joined by copper foil
Gr	glass installed reversed at previous restoration
L	leaf/strap lead

Thornhill St Michael and All Angels: Great East window: panel 1a

Restoration diagram

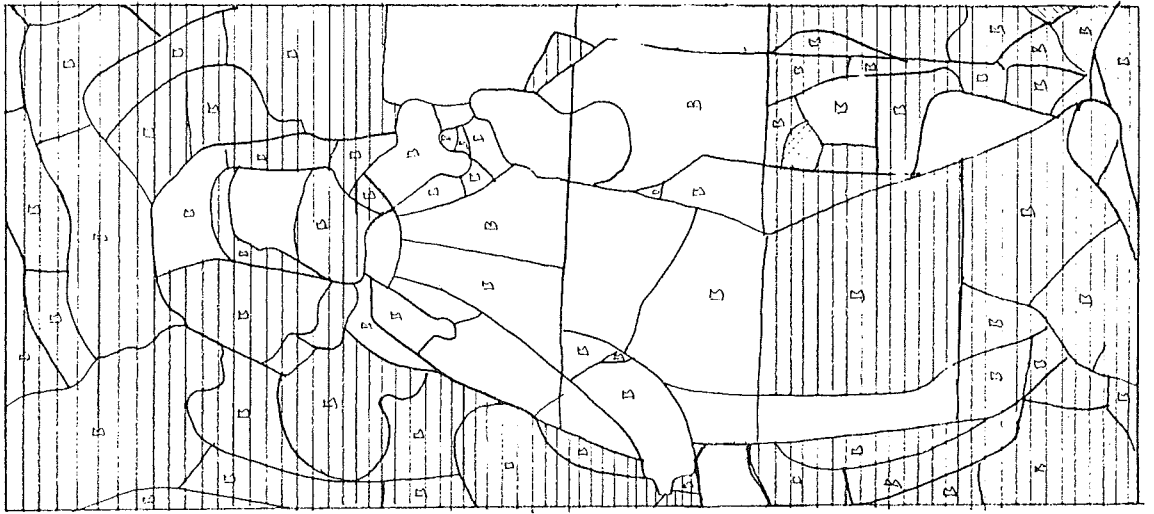


current conservation

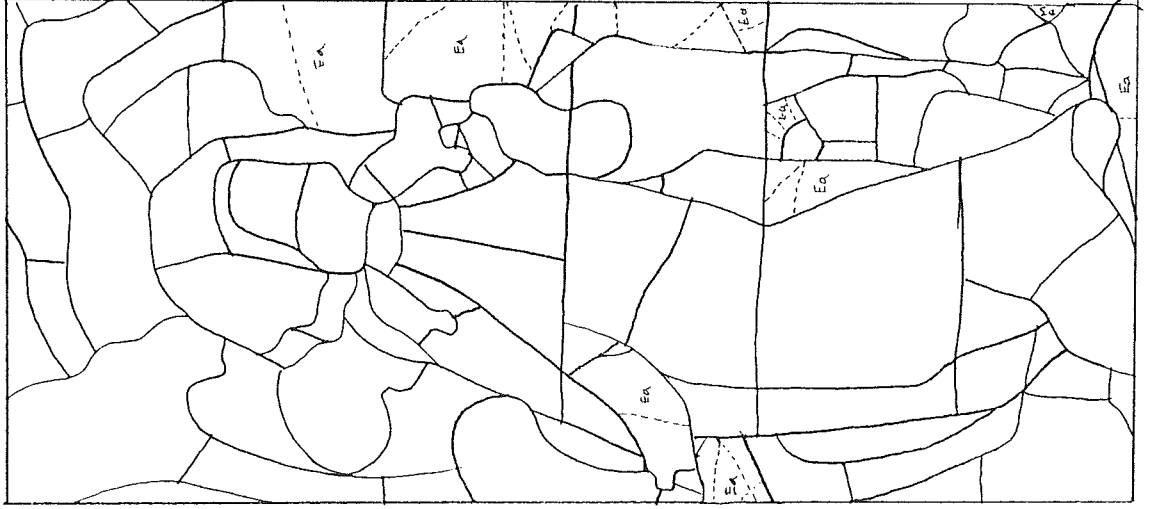


J&R Cooke for Barley Studios 2000
Thornhill St Michael and All Angels: Great East window: panel 2a

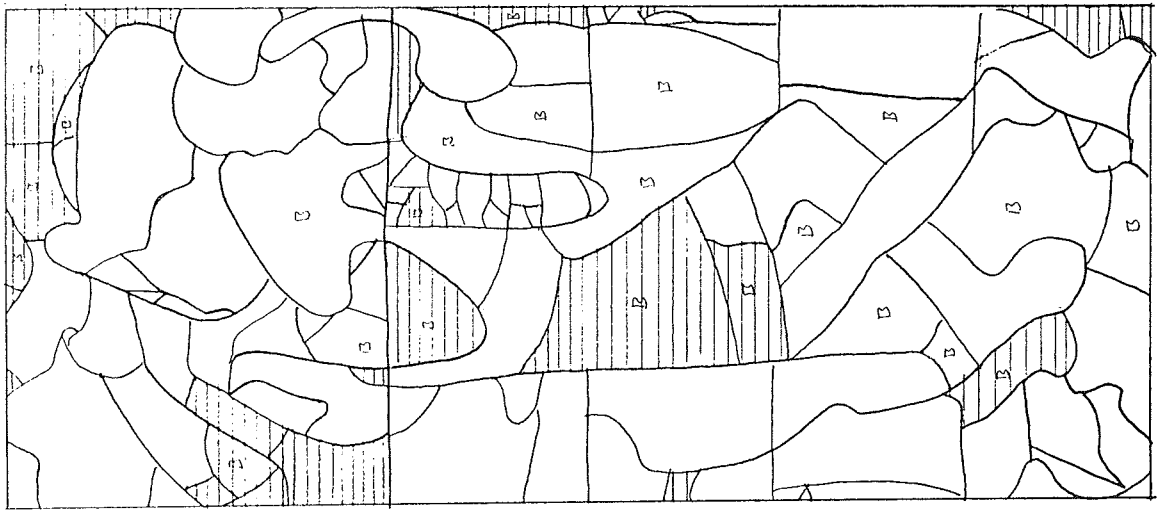
Restoration diagram



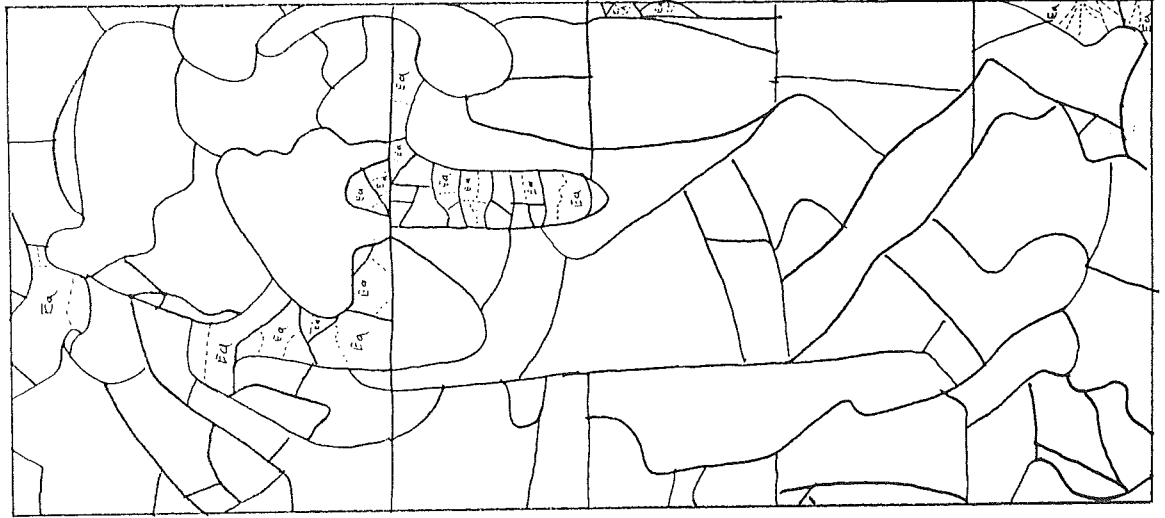
current conservation



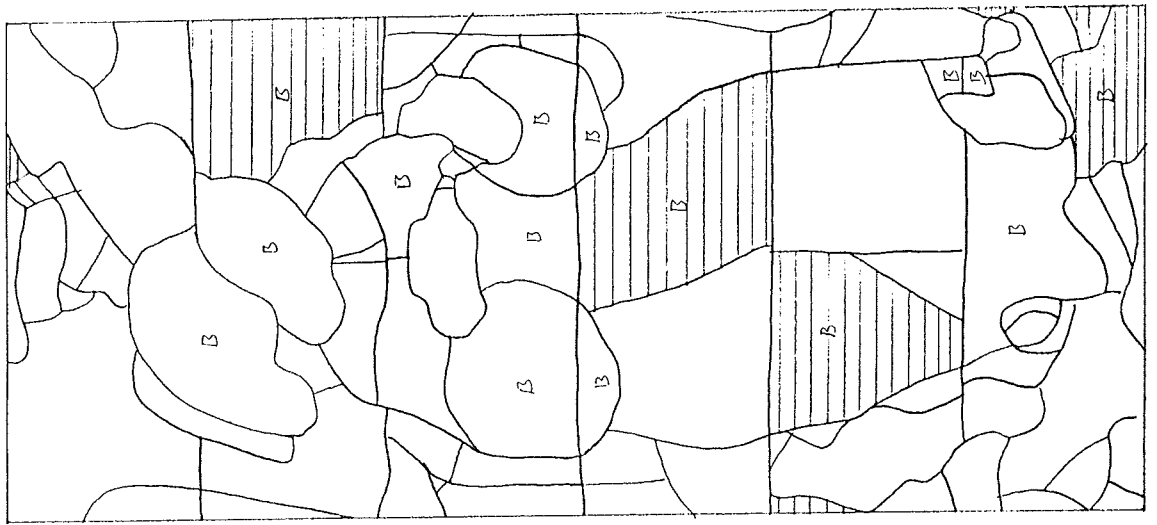
Restoration diagram



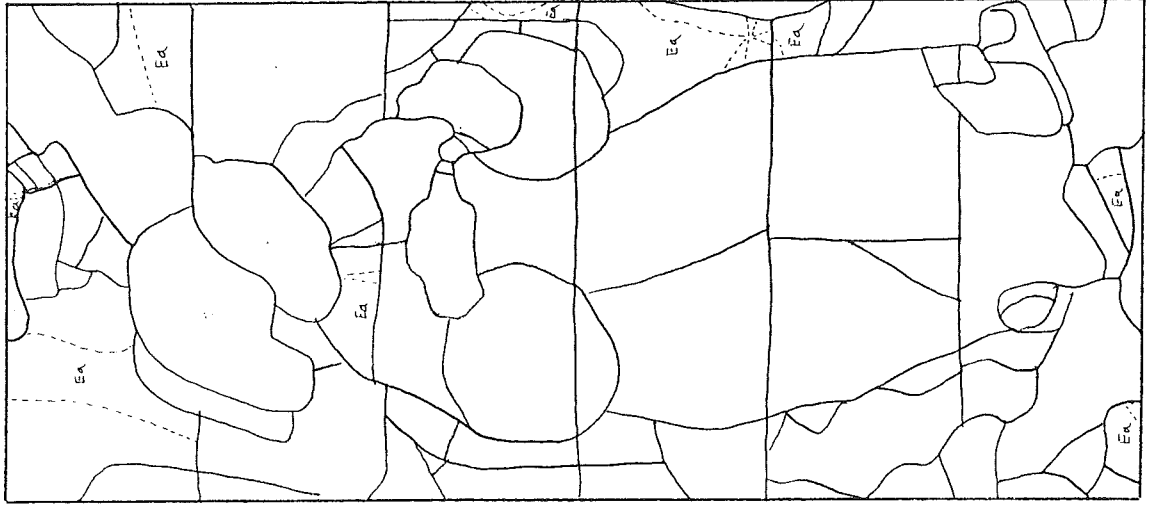
current conservation



Restoration diagram



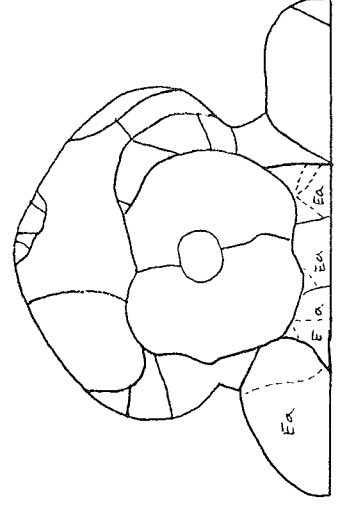
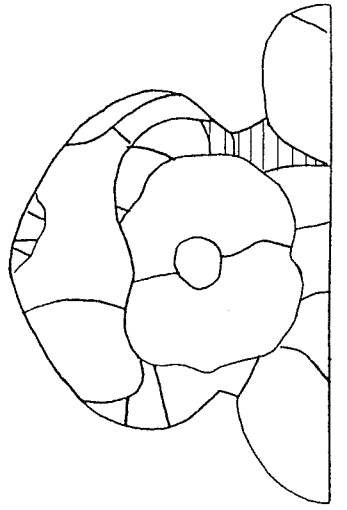
current conservation



J&R Cooke for Barley Studios 2000
Thornhill St Michael and All Angels: Great East window: panel 5a

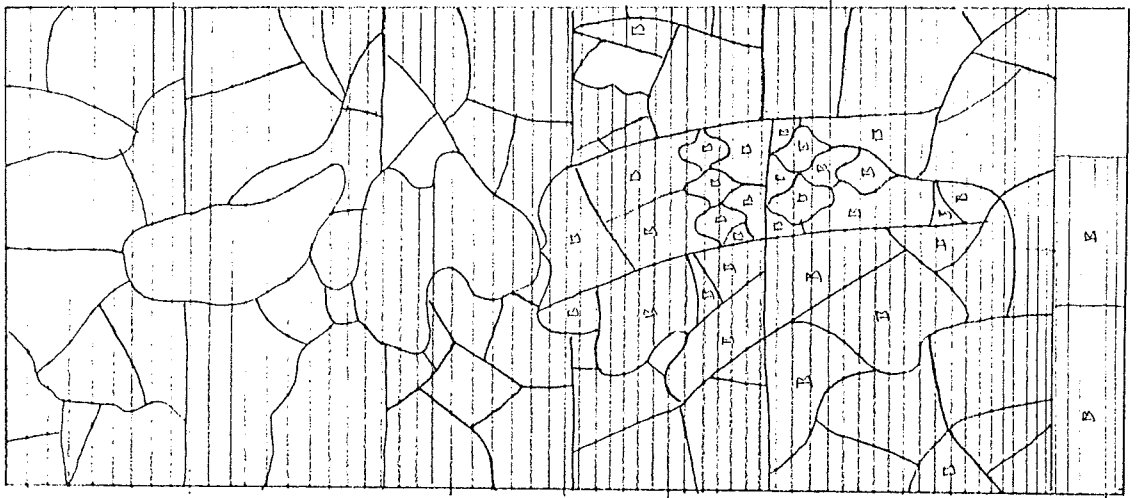
Restoration diagram

current conservation

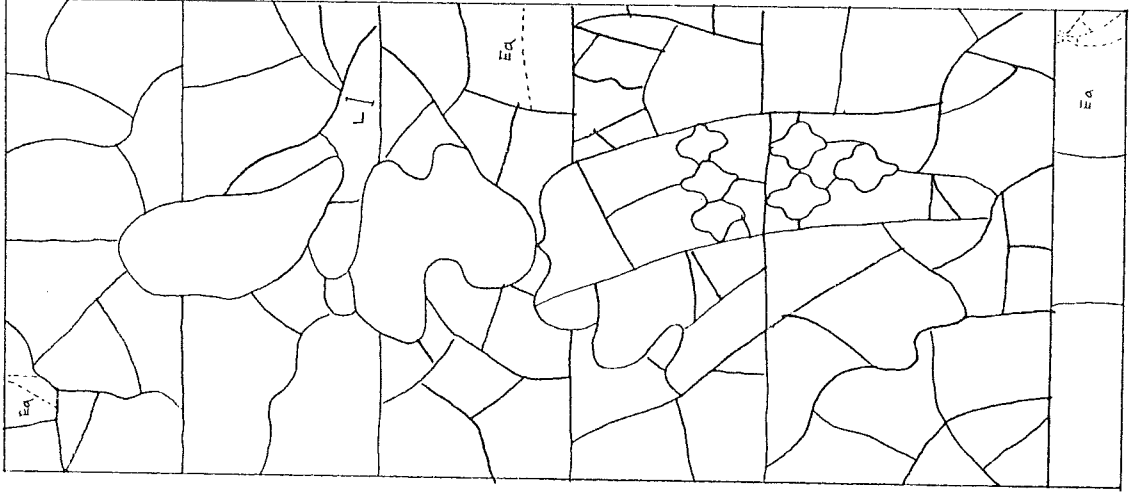


J&R Cooke for Barley Studios 2000
Thornhill St Michael and All Angels: Great East window: panel 1b

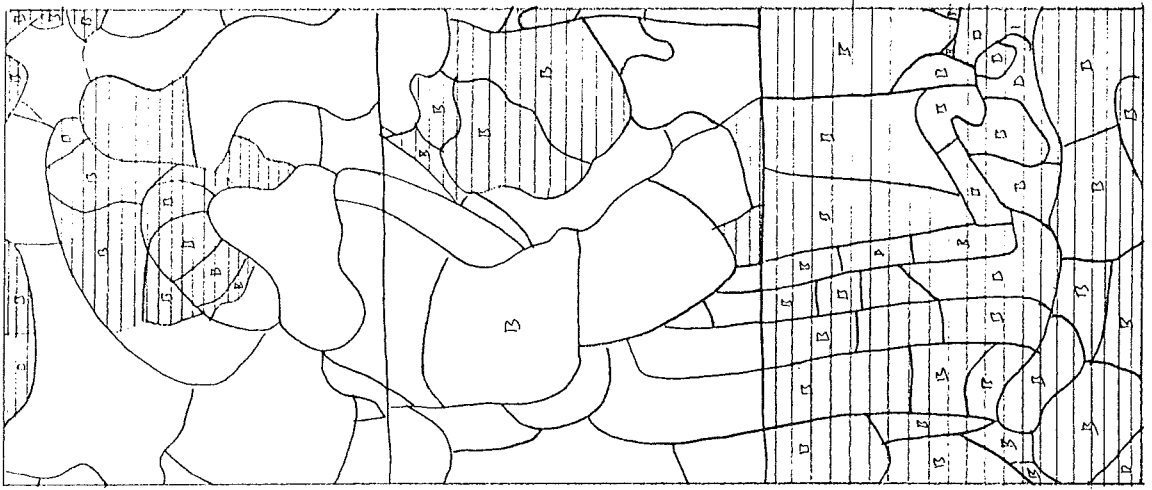
Restoration diagram



current conservation



Restoration diagram



current conservation

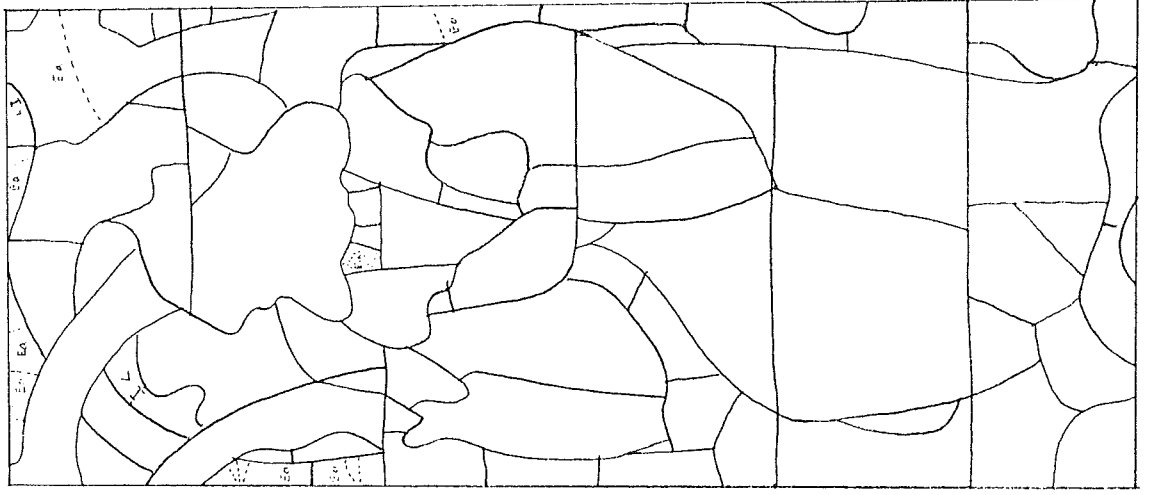


J&R Cooke for Barley Studios 2000
Thornhill St Michael and All Angels: Great East window: panel 3b

Restoration diagram

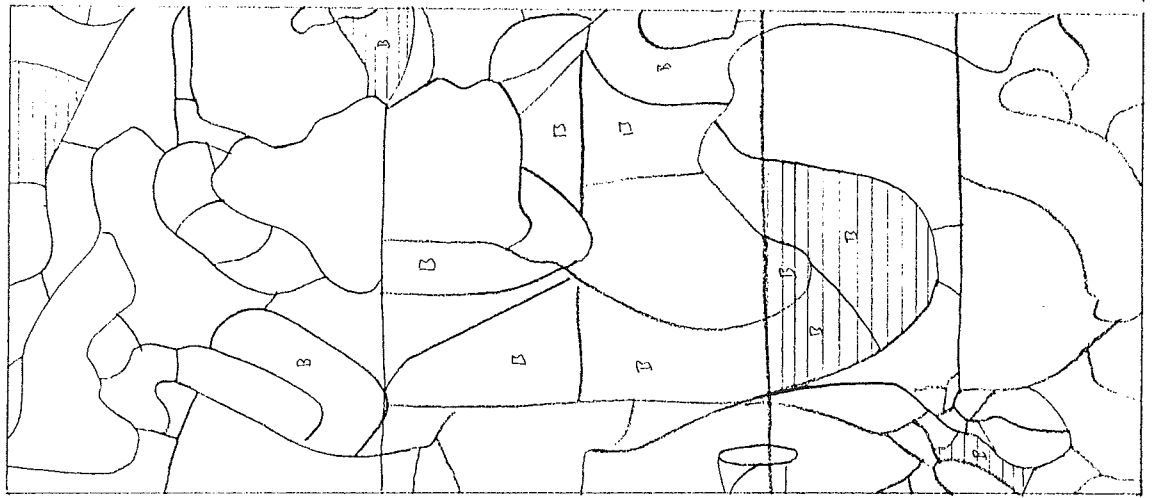


current conservation

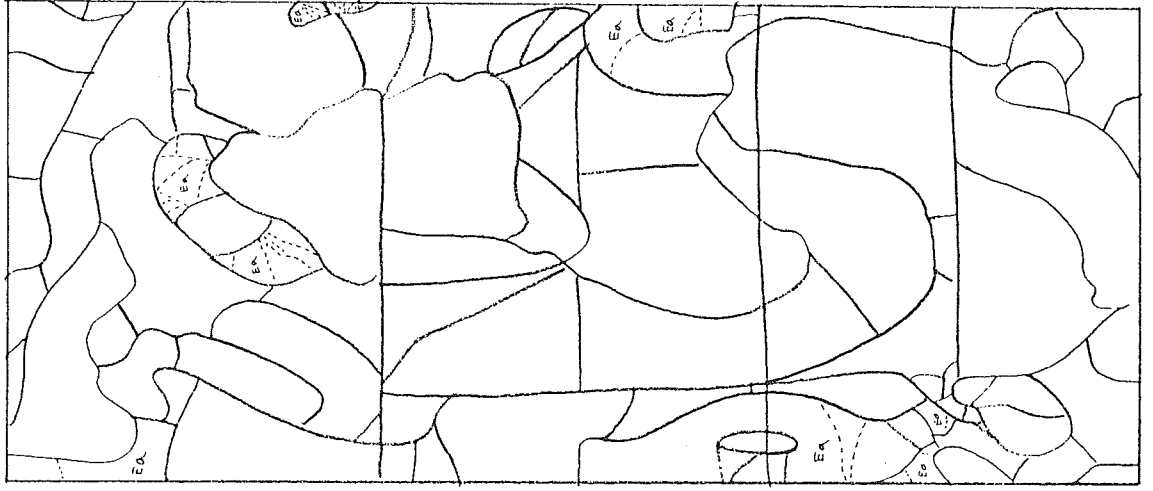


J&R Cooke for Barley Studios 2000
Thornhill St Michael and All Angels: Great East window: panel 4b

Restoration diagram



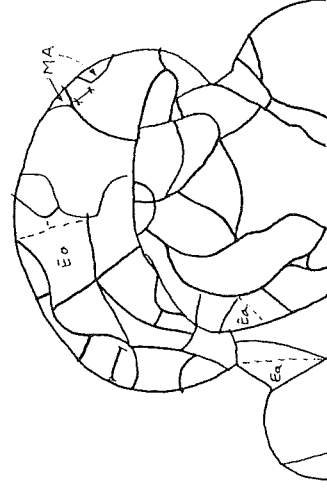
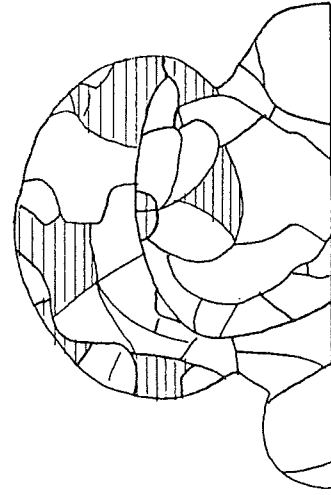
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J&R Cooke for Barley Studios 2000
Thornhill St Michael and All Angels: Great East window: panel 5b

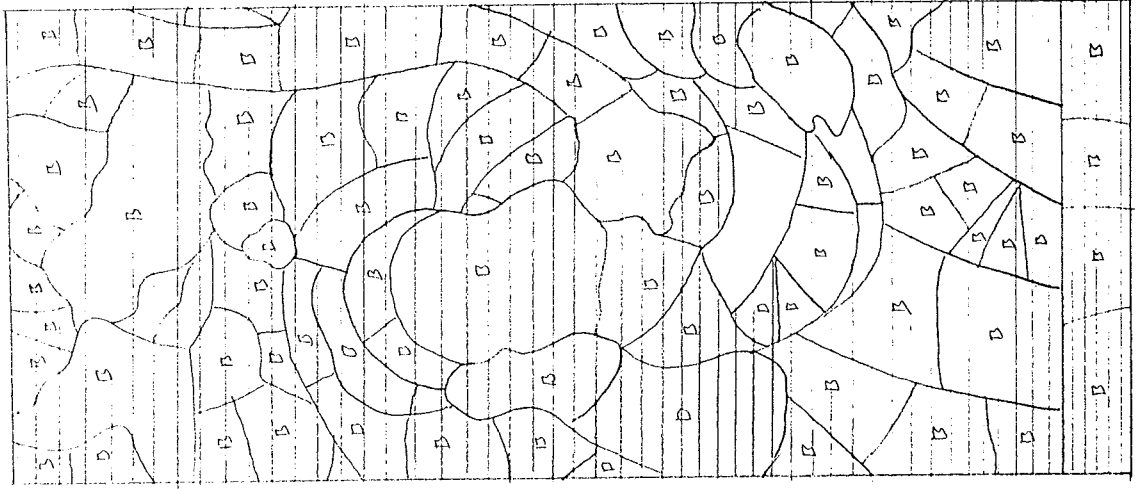
Restoration diagram

current conservation

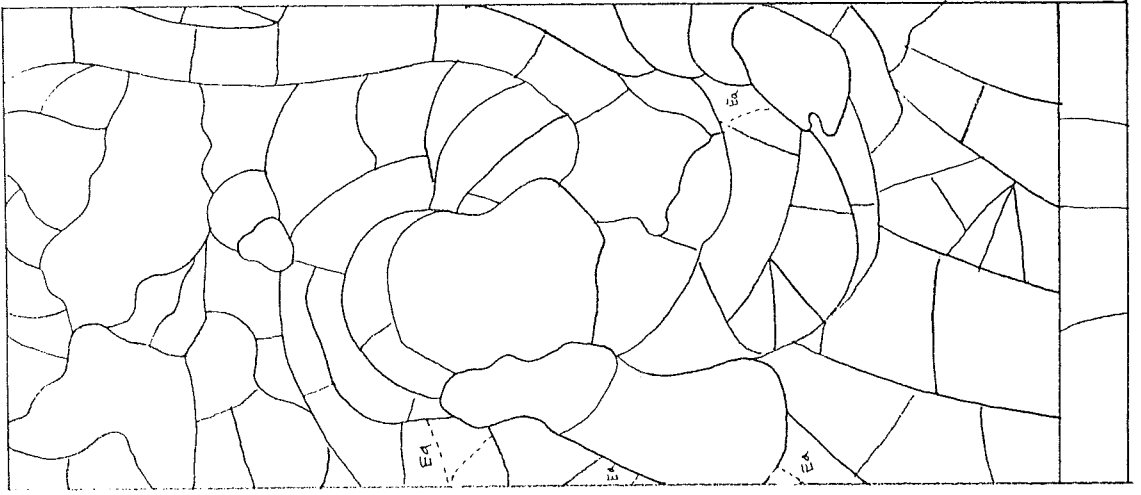


J&R Cooke for Barley Studios 2000
Thornhill St Michael and All Angels: Great East window: panel 1c

Restoration diagram

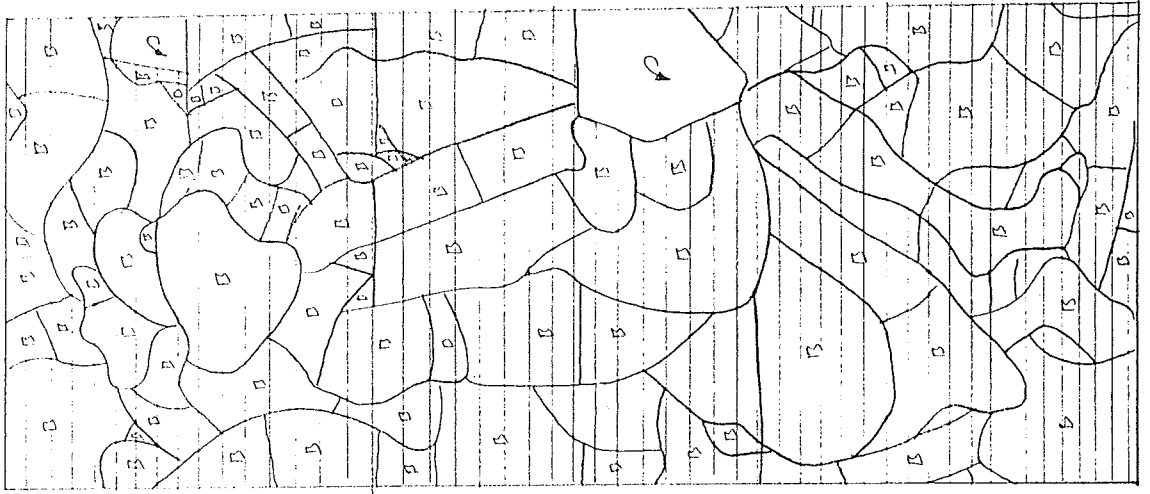


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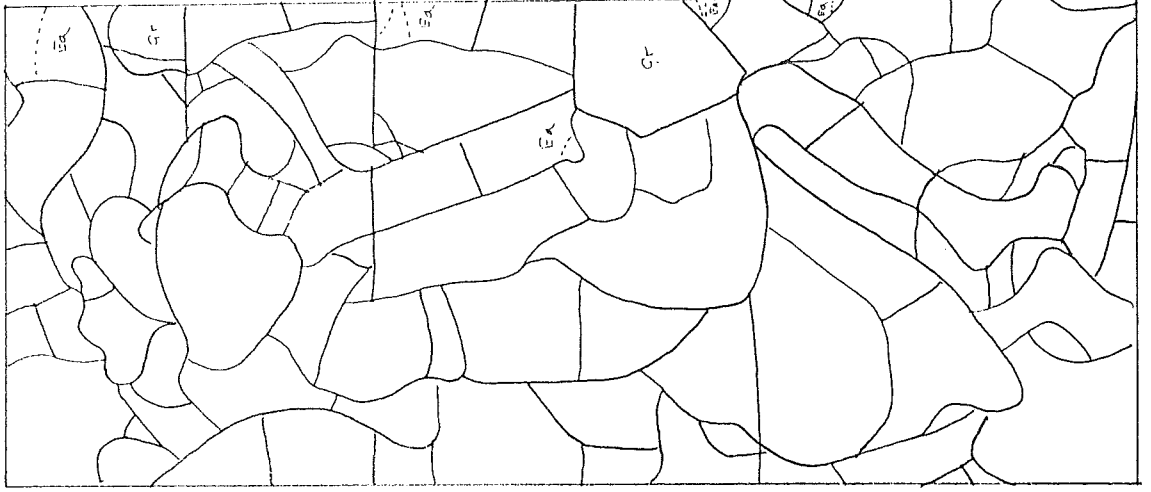


J&R Cooke for Barley Studios 2000
Thornhill St Michael and All Angels: Great East window: panel 2c

Restoration diagram



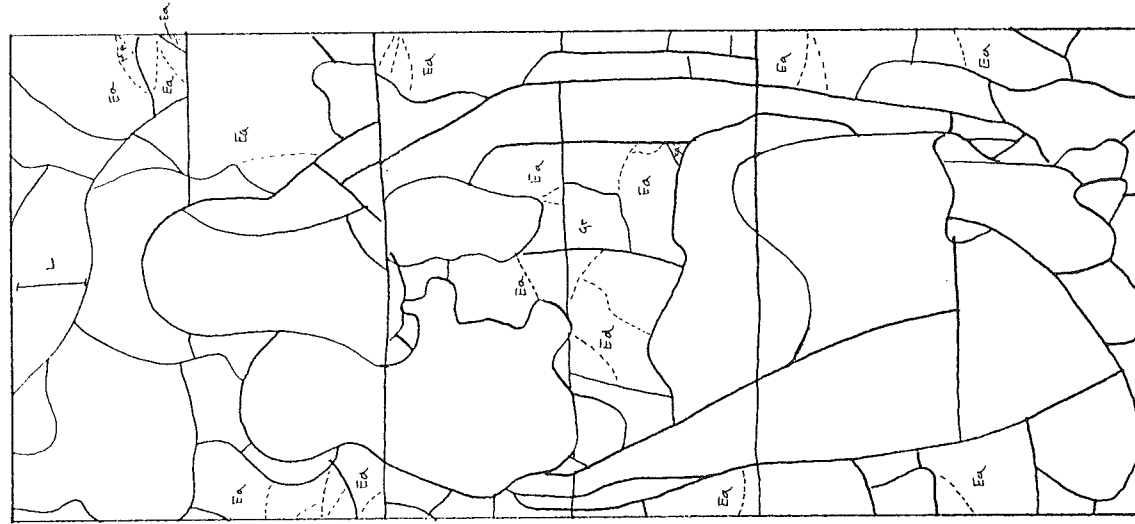
current conservation



Restoration diagram

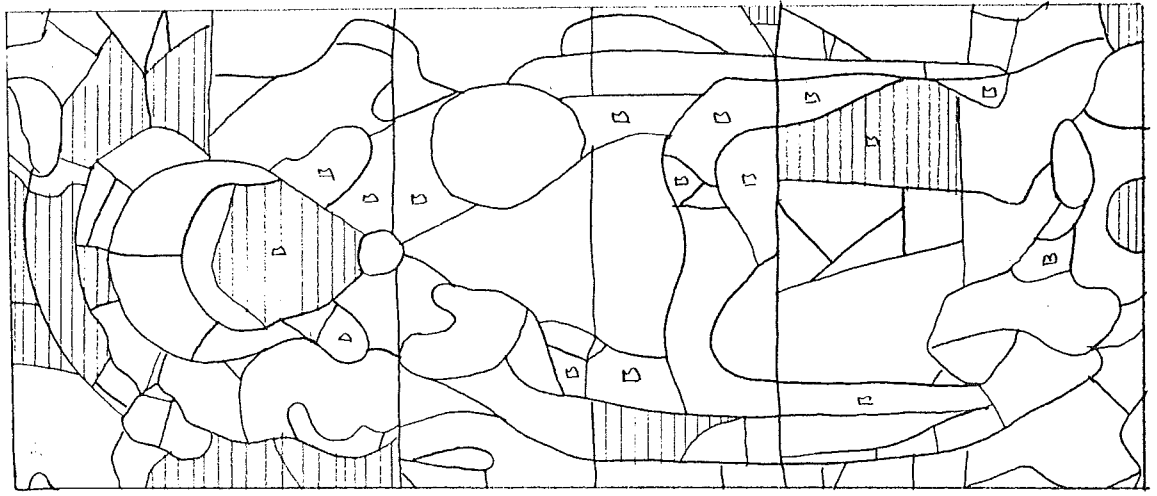


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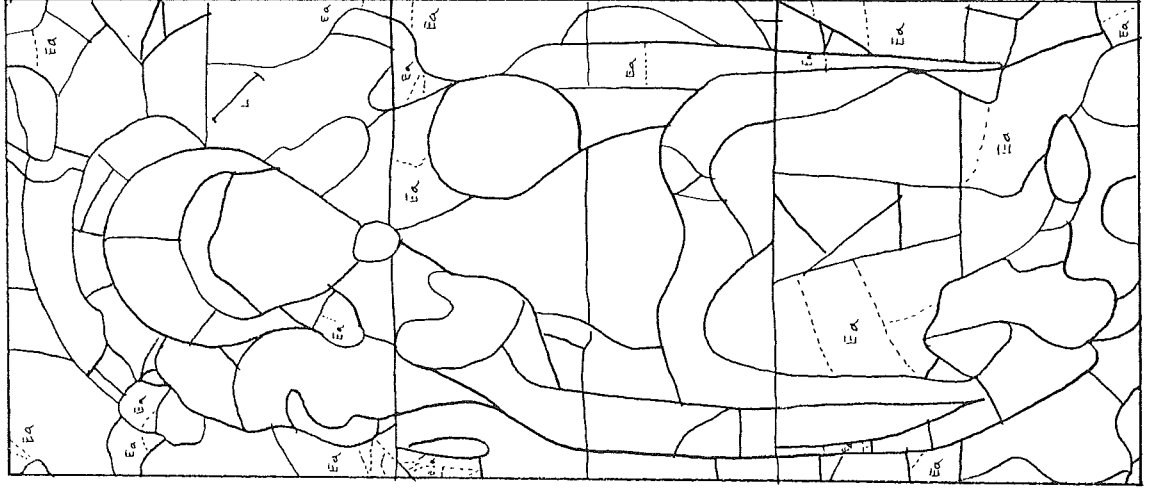


J&R Cooke for Barley Studios 2000
Thornhill St Michael and All Angels: Great East window: panel 4c

Restoration diagram

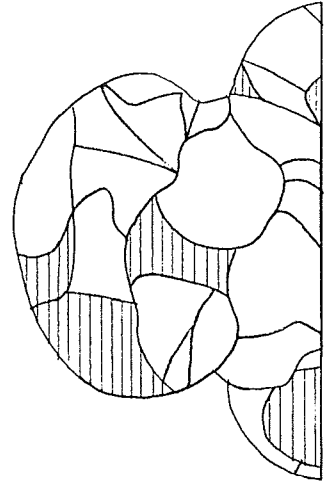


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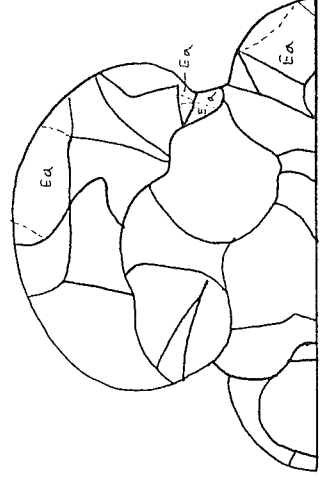


J&R Cooke for Barley Studios 2000
Thornhill St Michael and All Angels: Great East window: panel 5c

Restoration diagram

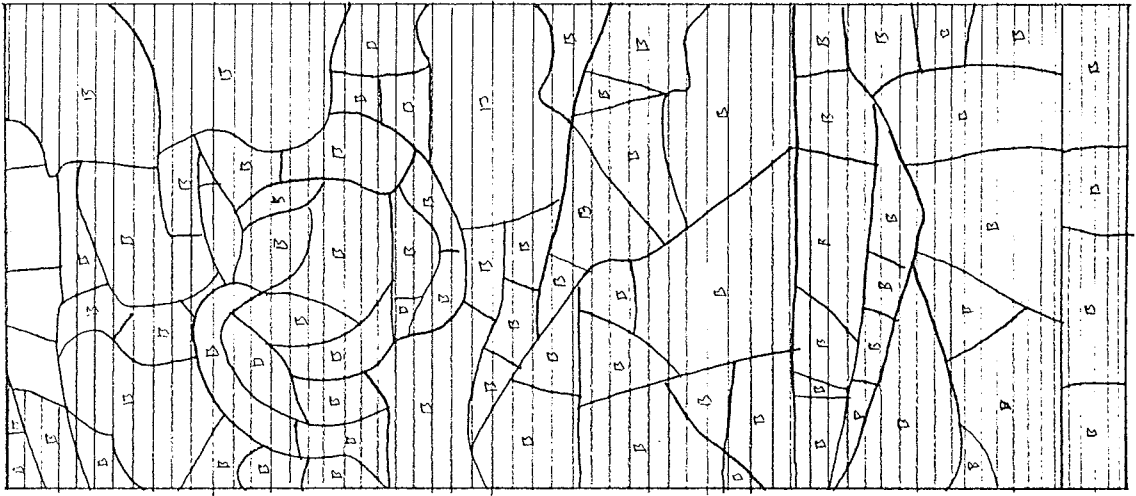


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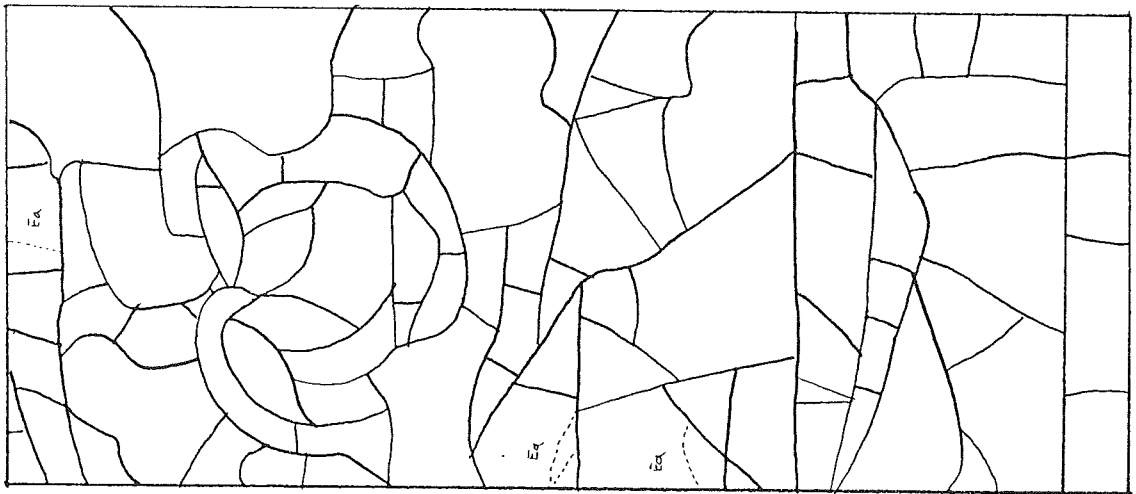


J&R Cooke for Barley Studios 2000
Thornhill St Michael and All Angels: Great East window: panel 1d

Restoration diagram

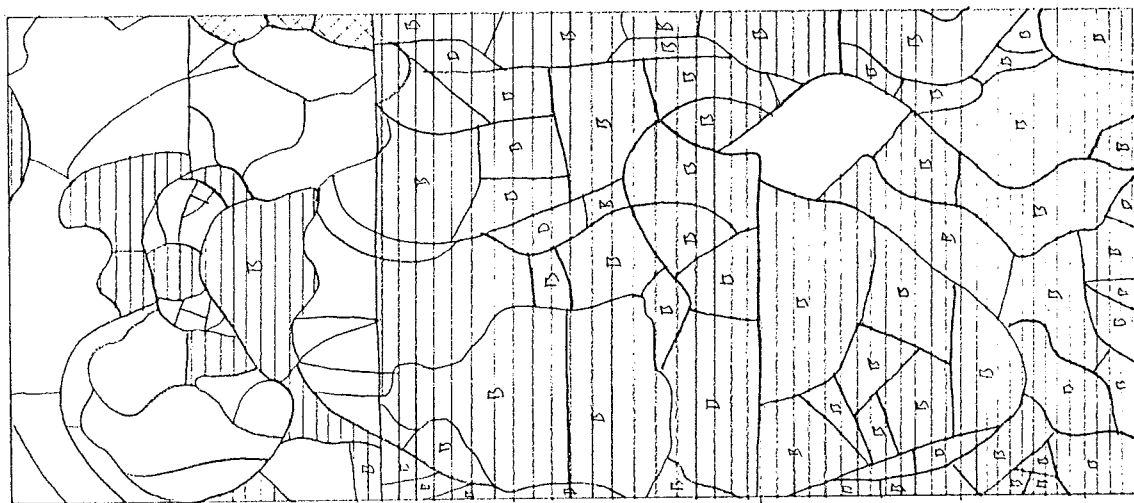


current conservation

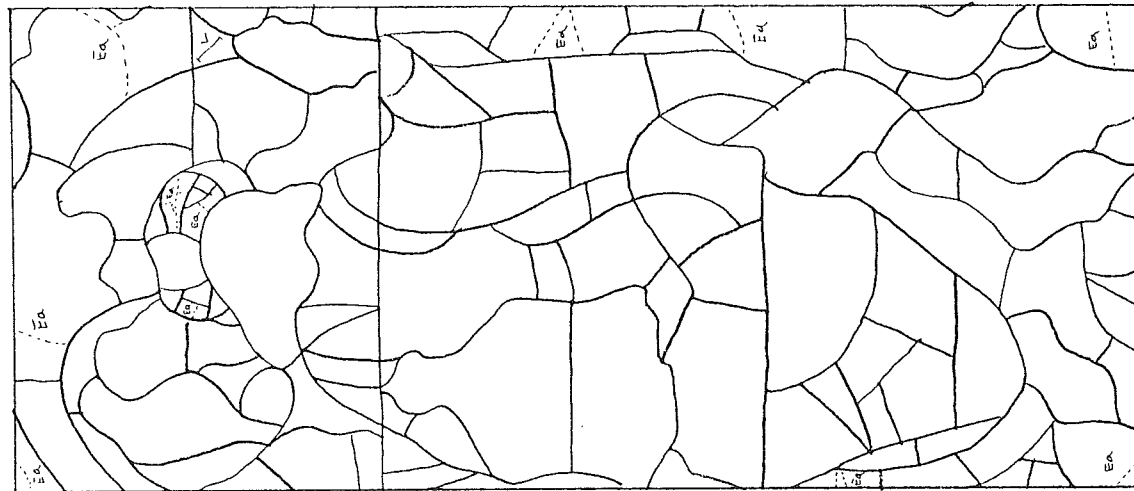


J&R Cooke for Barley Studios, 2000
Thornhill St Michael and All Angels: Great East window: panel 2d

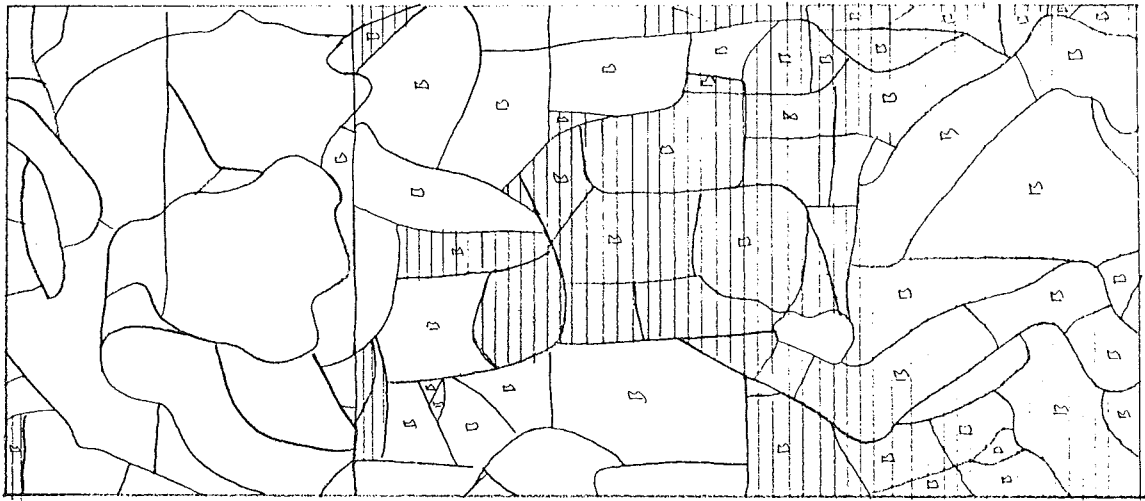
Restoration diagram



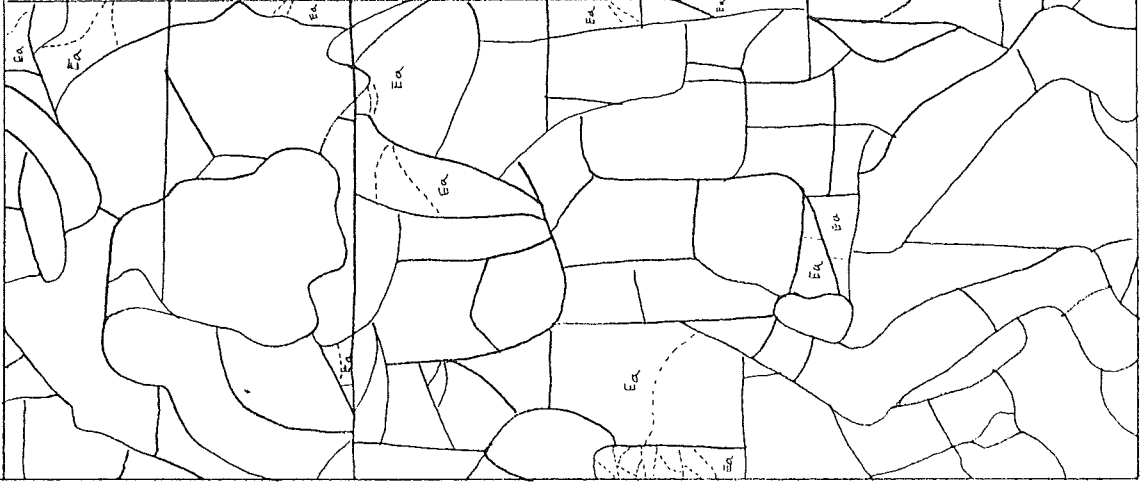
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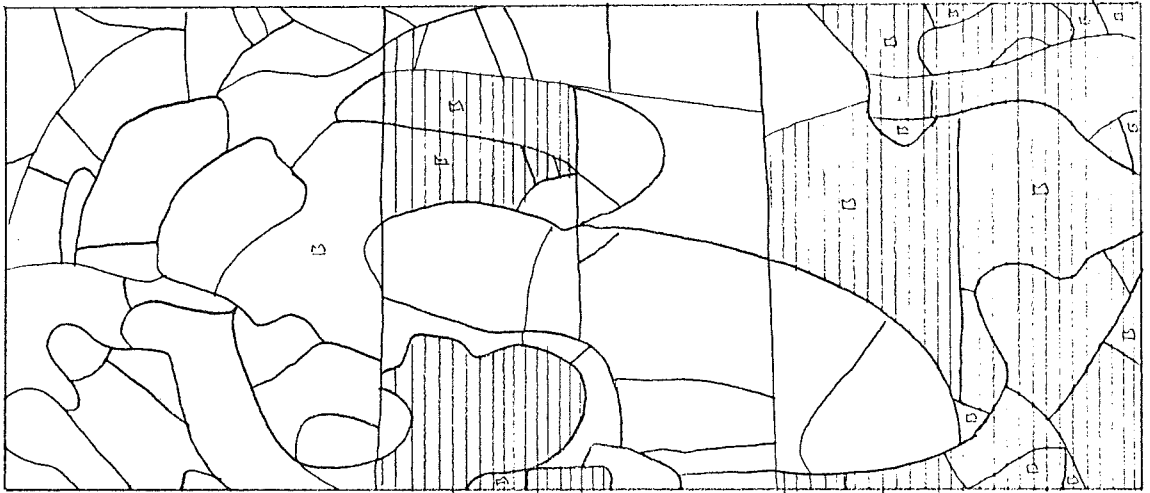
Restoration diagram



current conservation



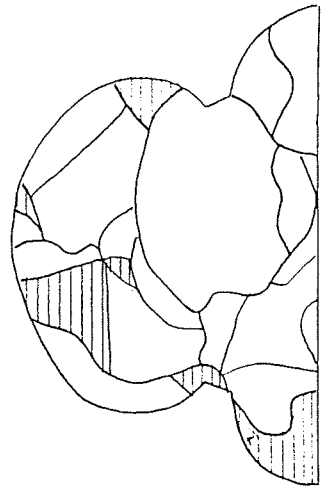
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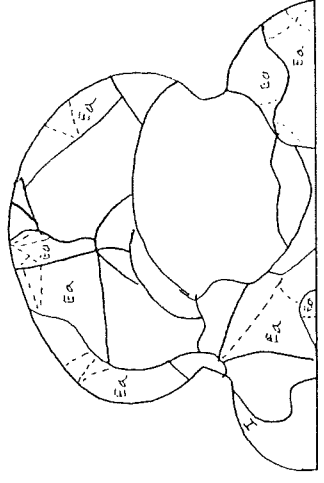
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Restoration diagram

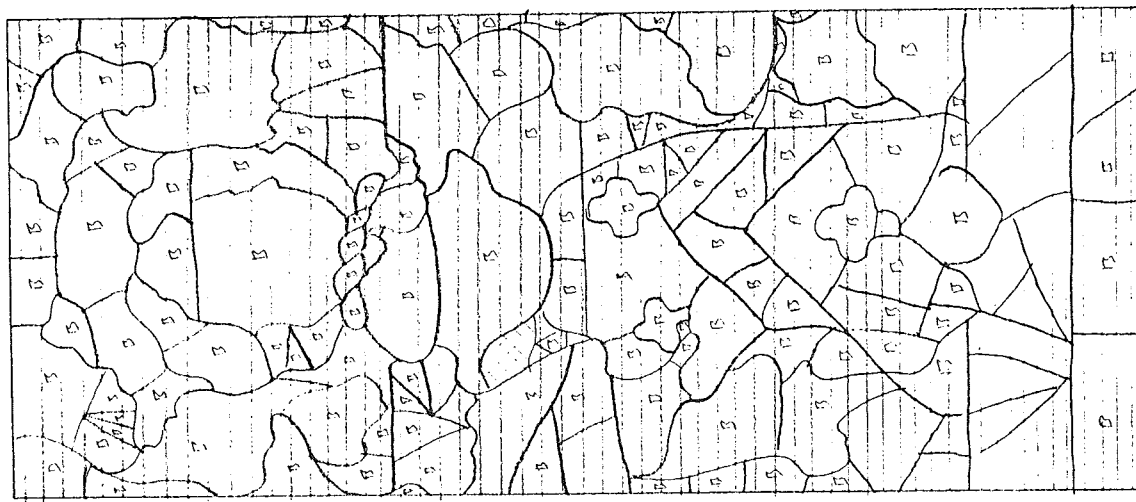


current conservation



J&R Cooke for Barley Studios 2000
Thornhill St Michael and All Angels: Great East window: panel 1c

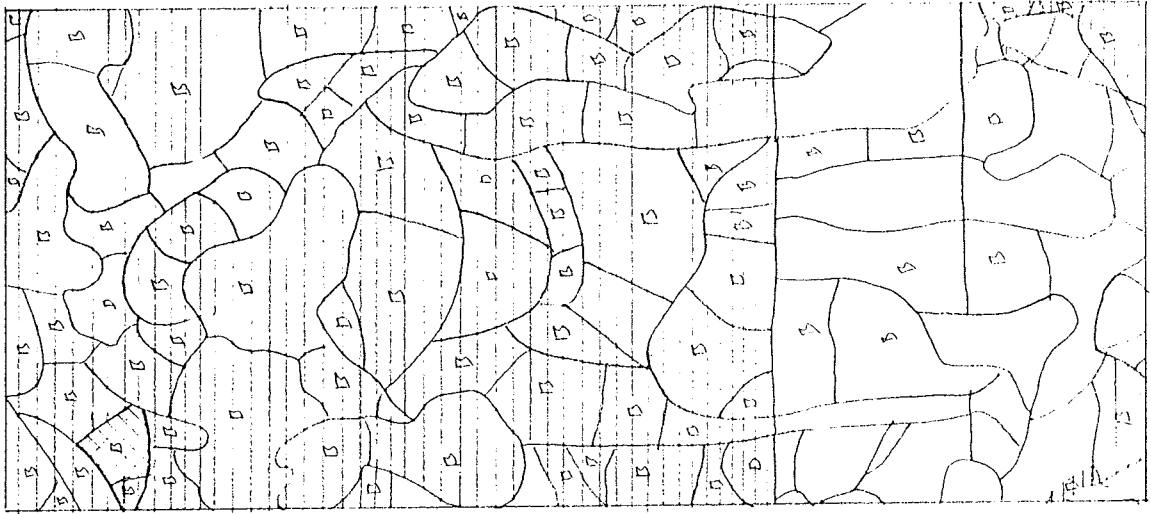
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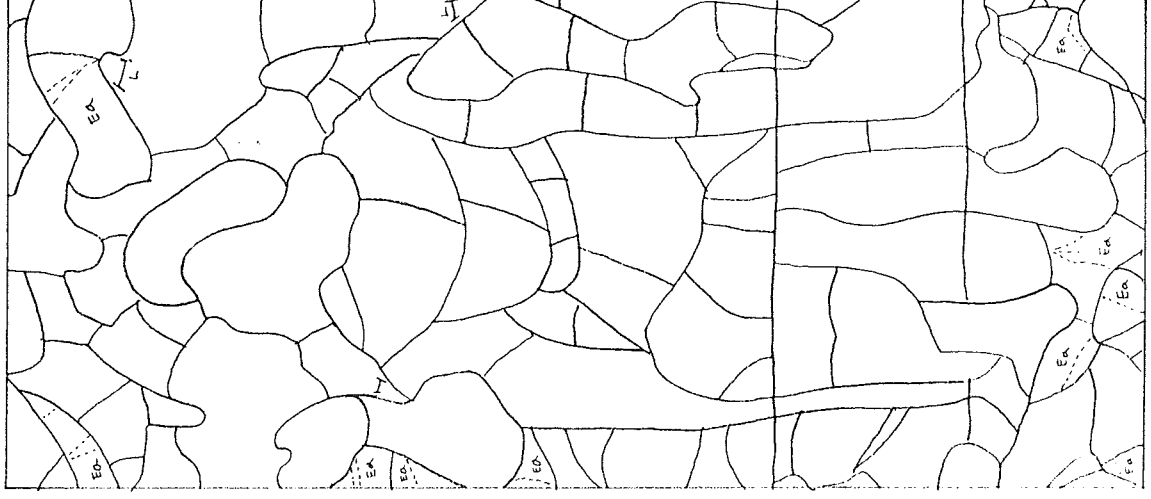
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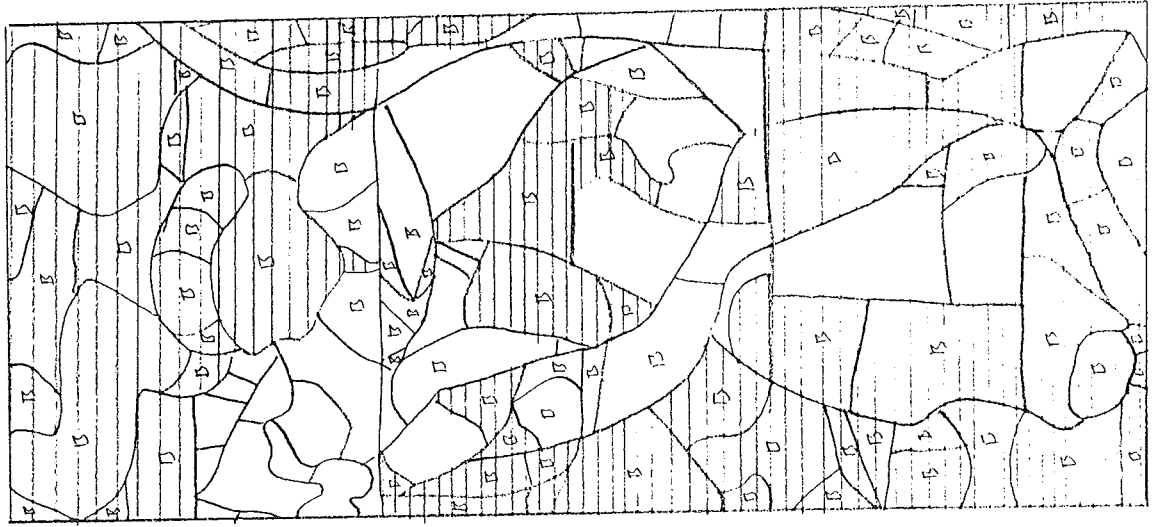
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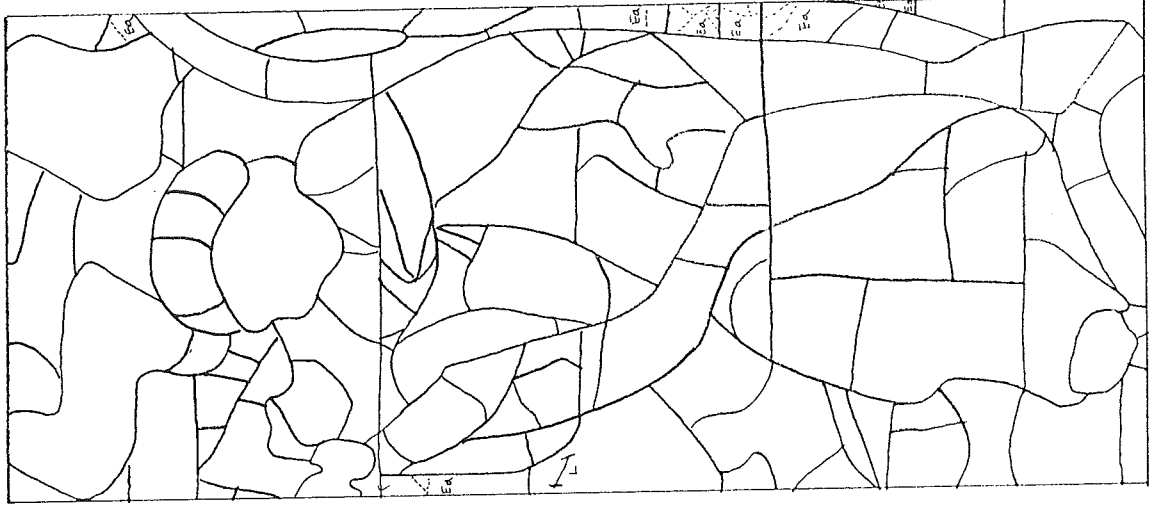
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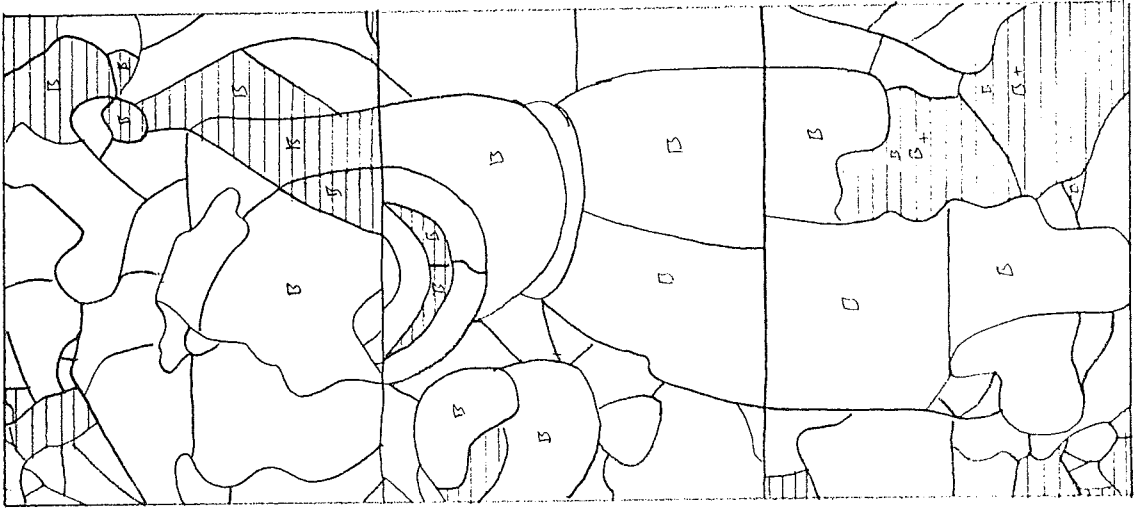
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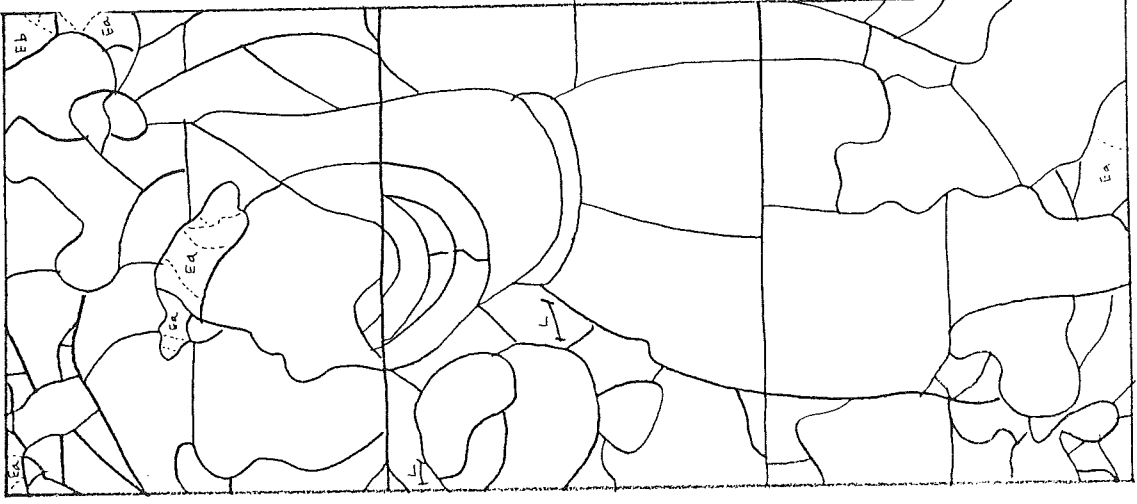
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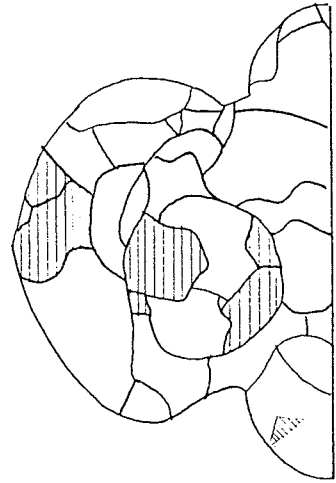
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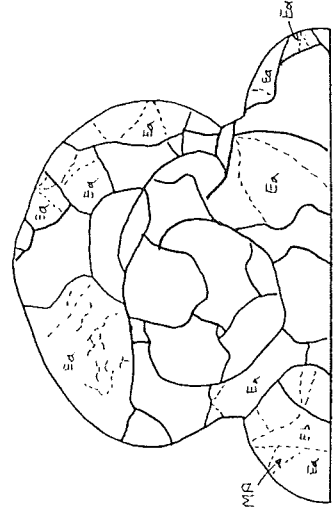
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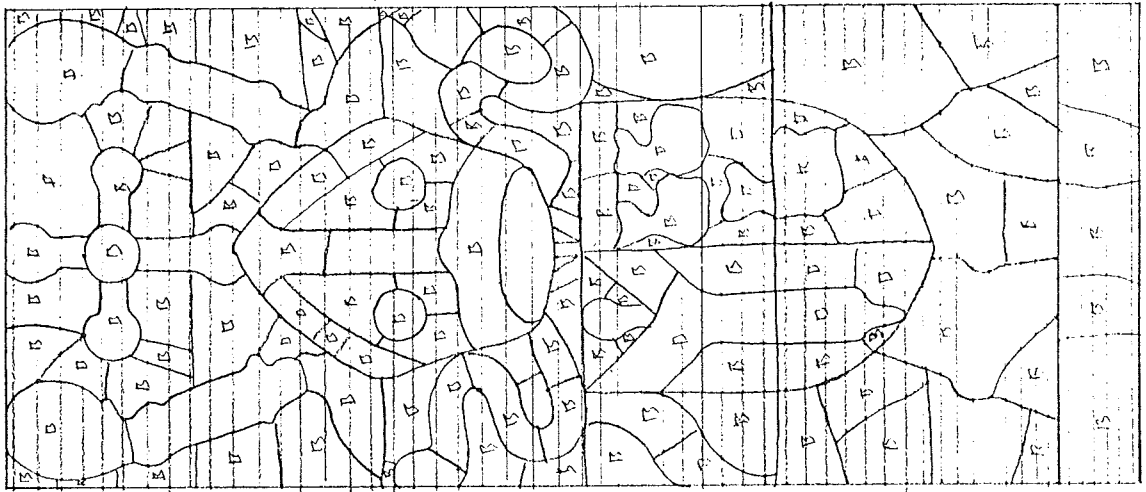
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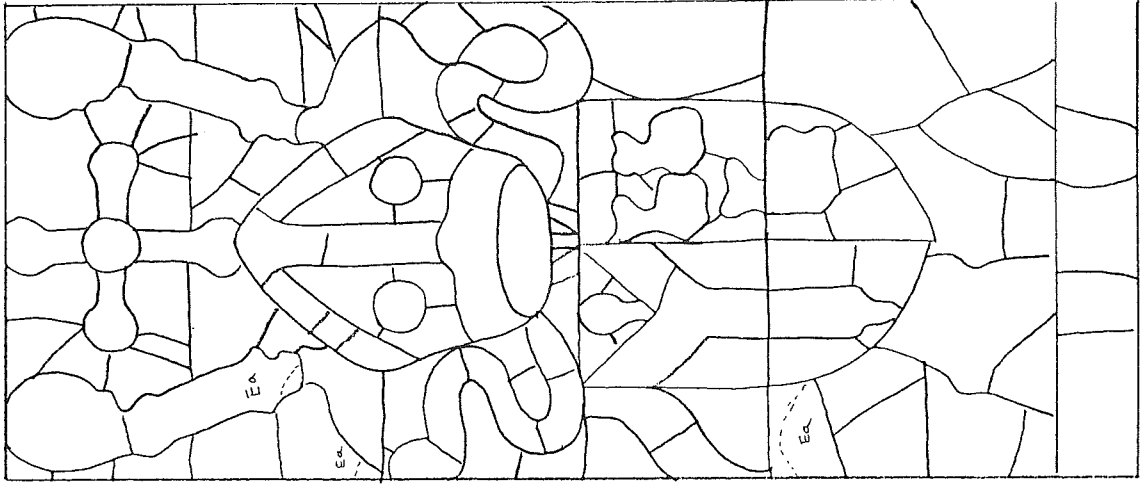
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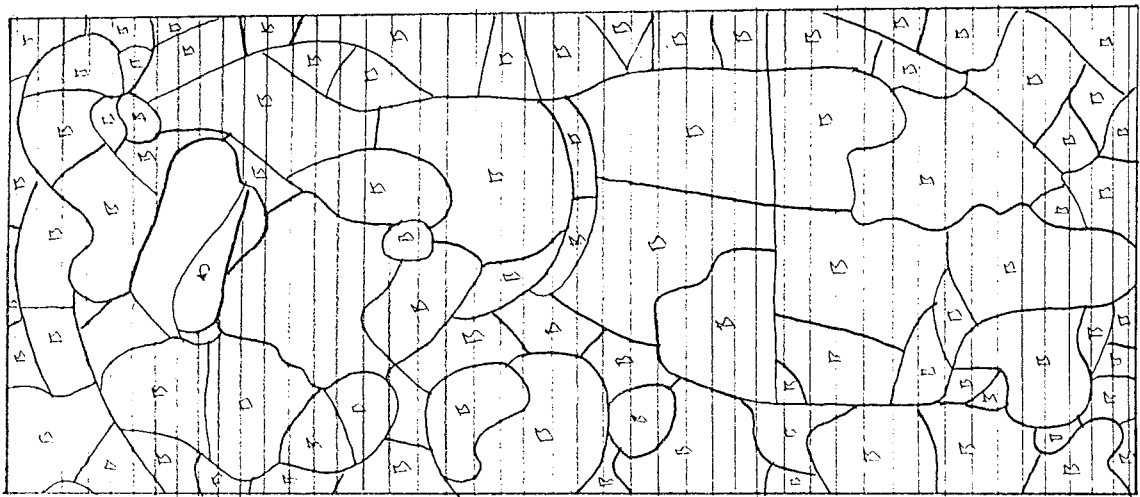
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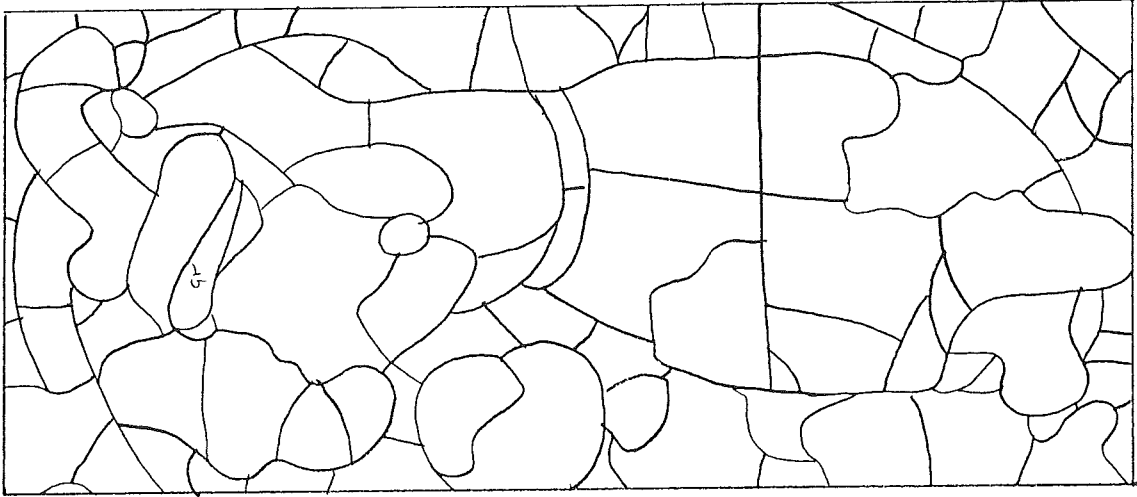
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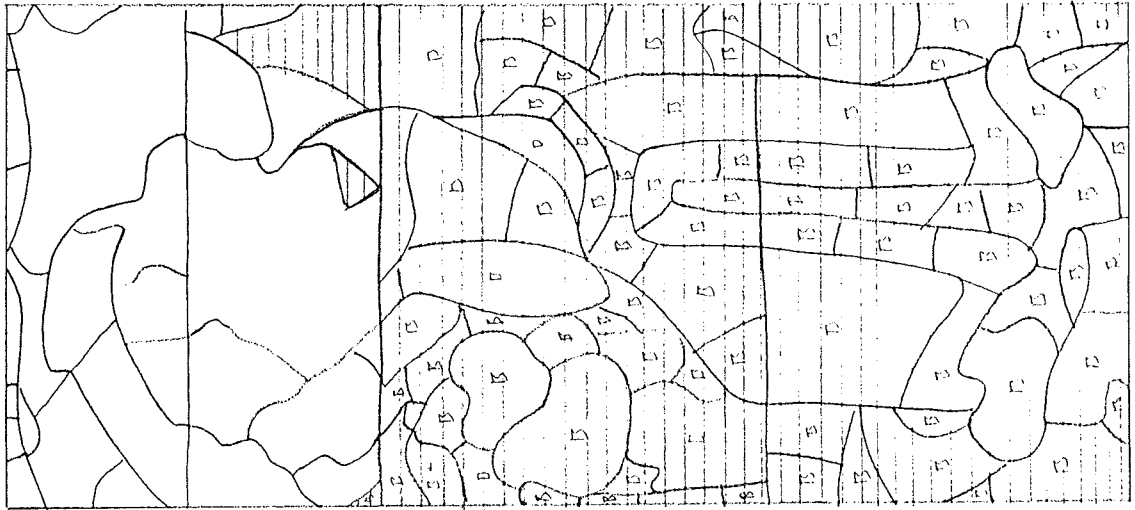
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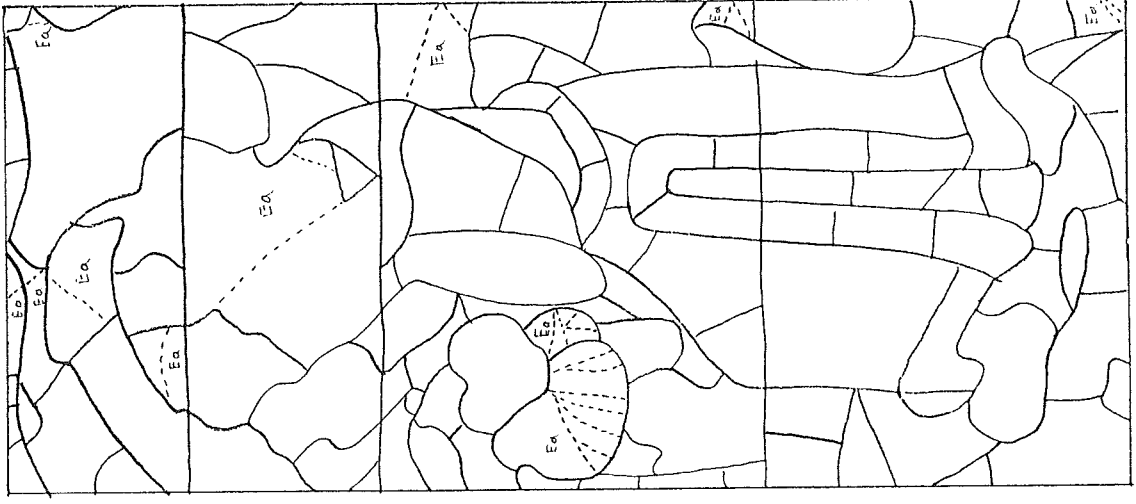
current conservation



Restoration diagram



current conservation



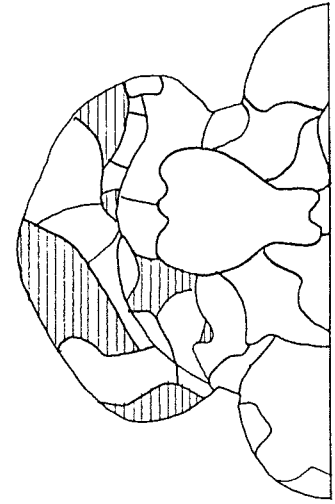
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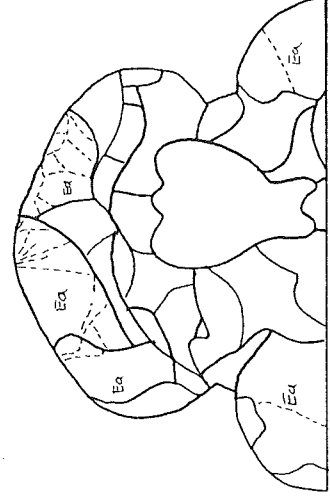
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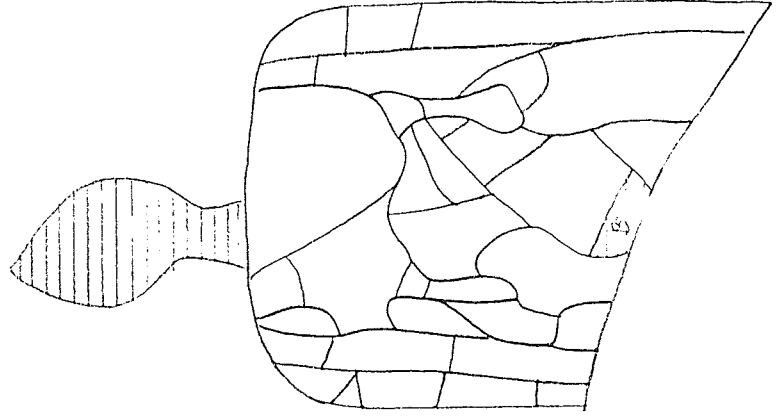


current conservation

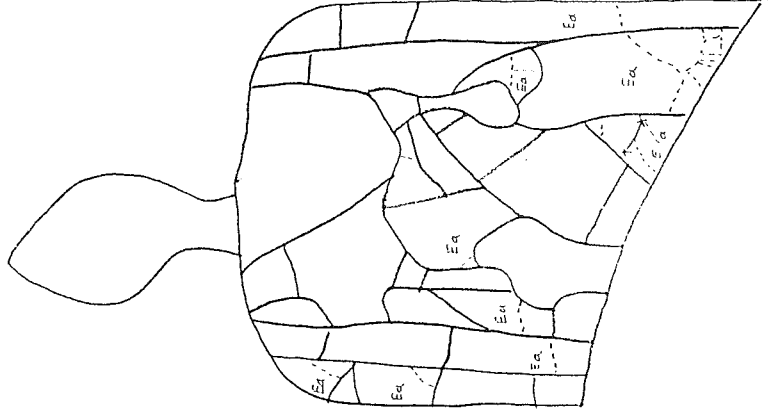


J&R Cooke for Barley Studios 2000
Thornhill St Michael and All Angels: Great East window: panel A1

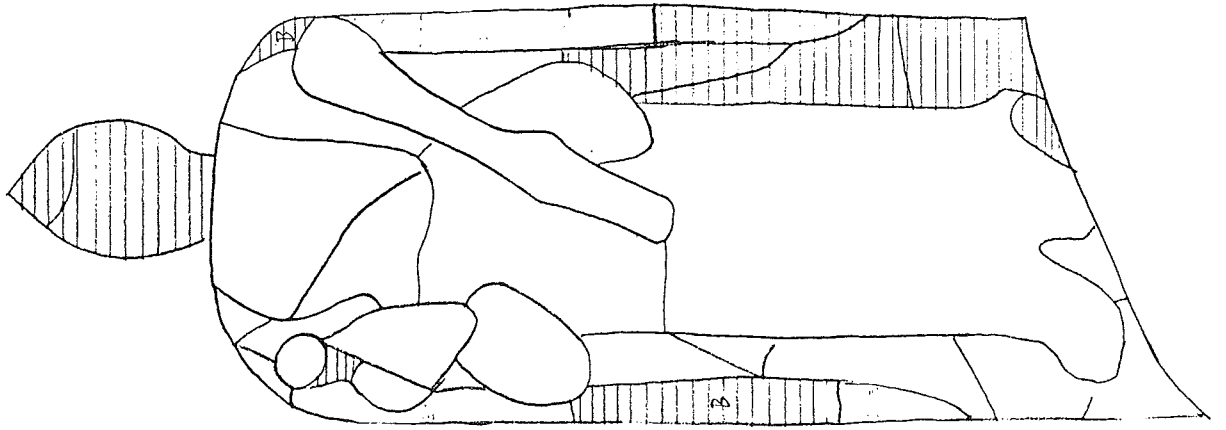
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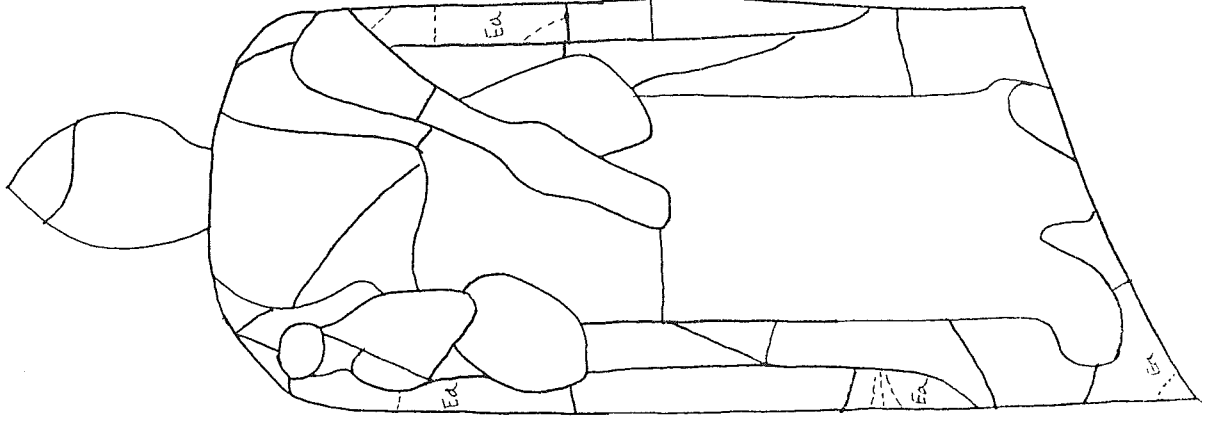
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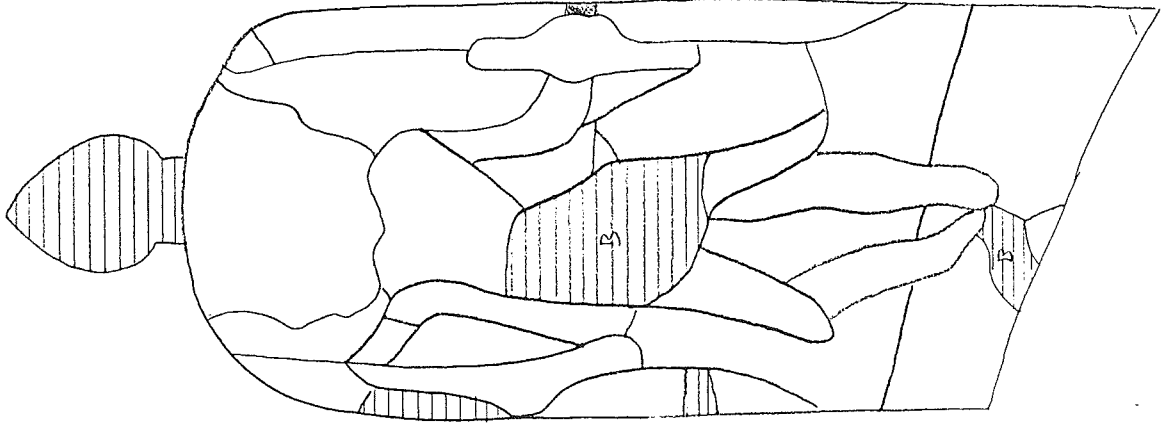
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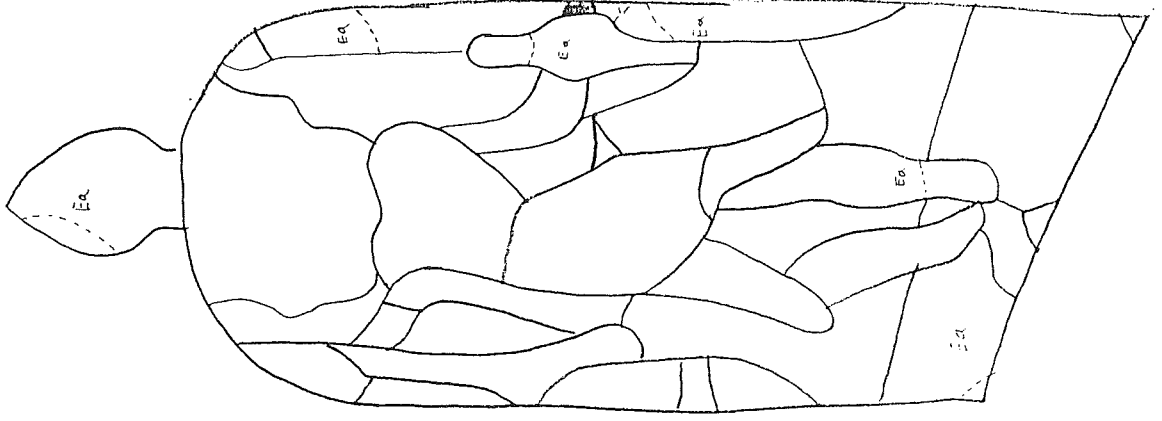
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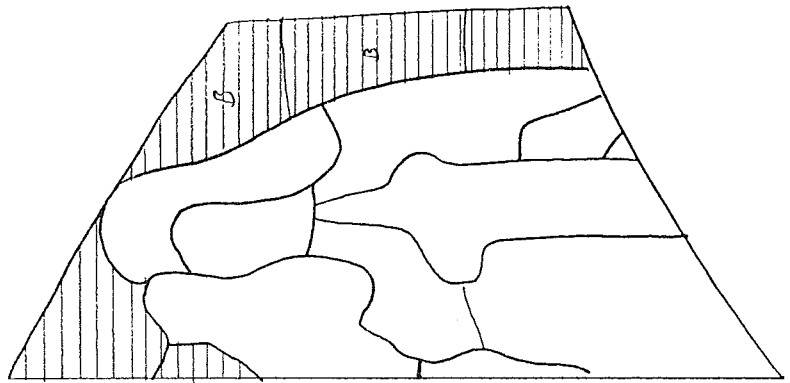
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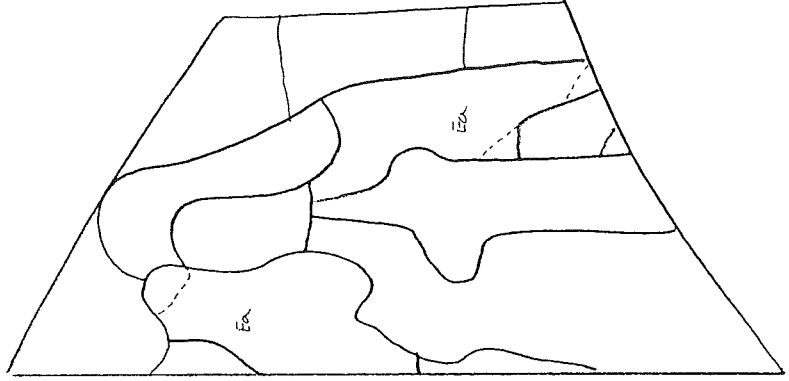
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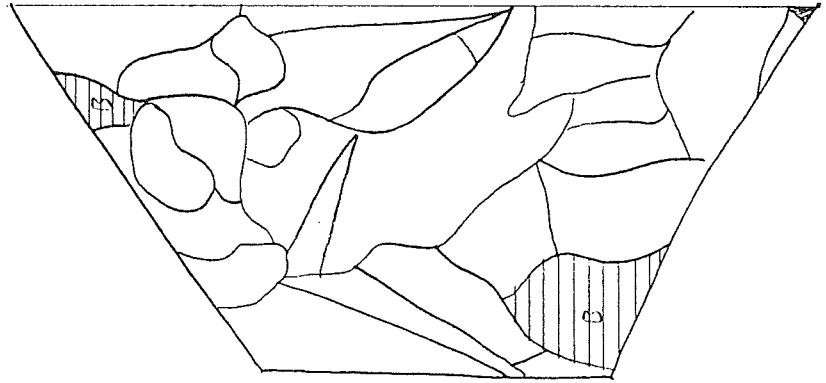
Restoration diagram



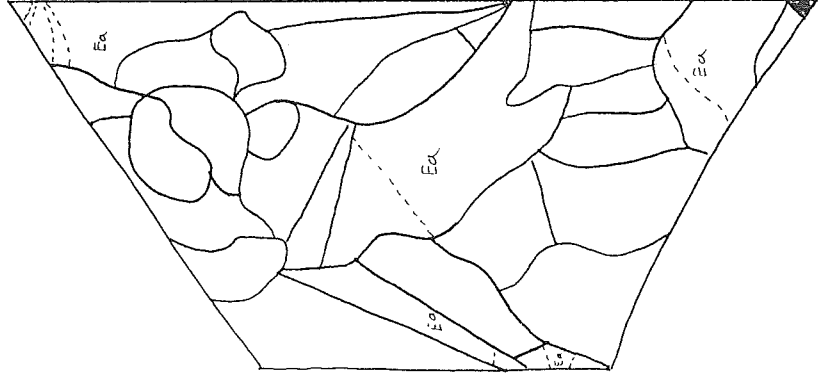
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Restoration diagram

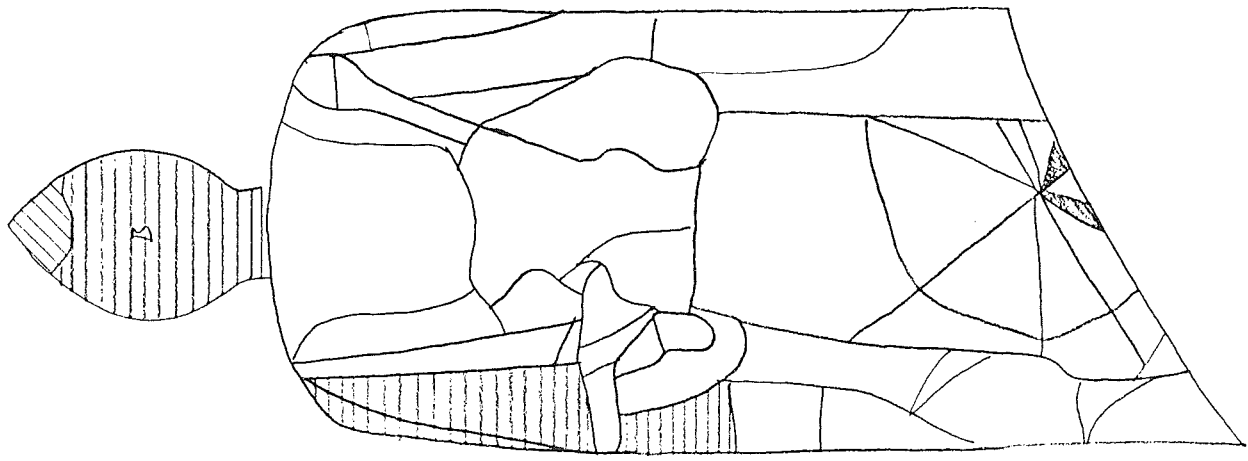
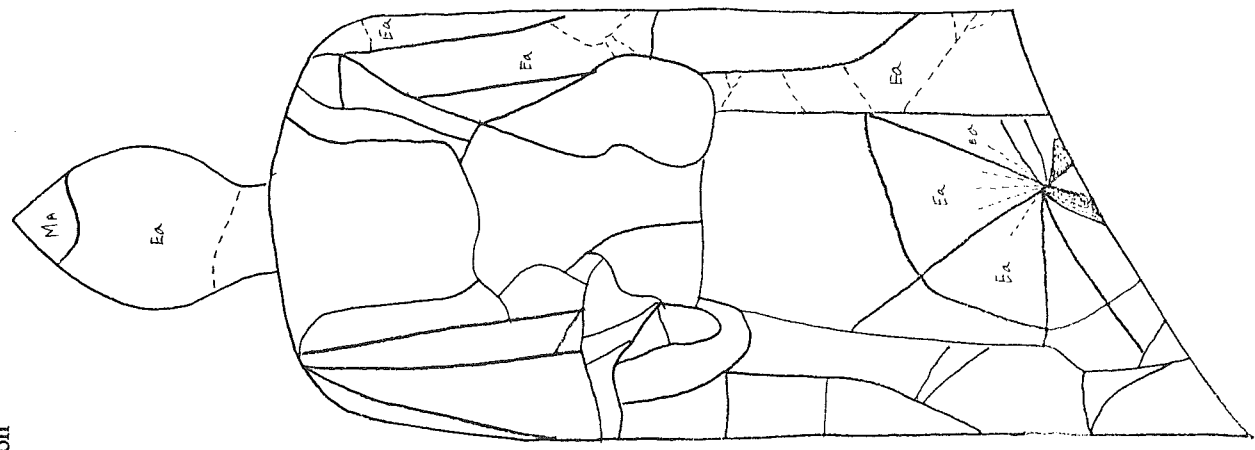


current conservation

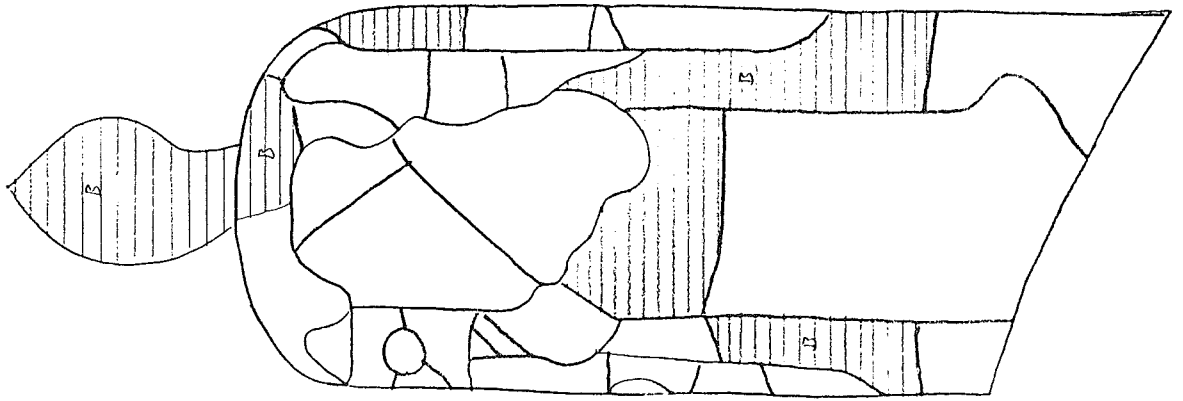


I&R Cooke for Barley Studios 2000
Thornhill St Michael and All Angels: Great East window: panel A6
Restoration diagram

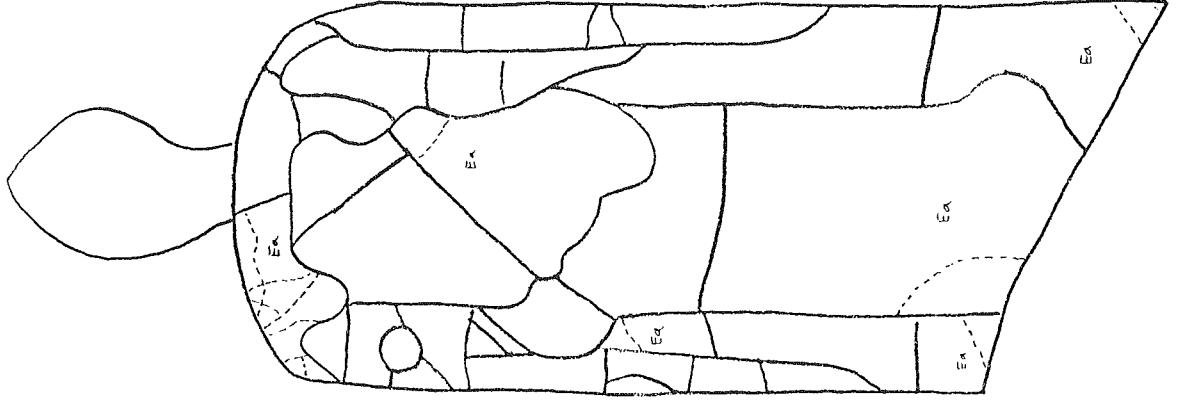
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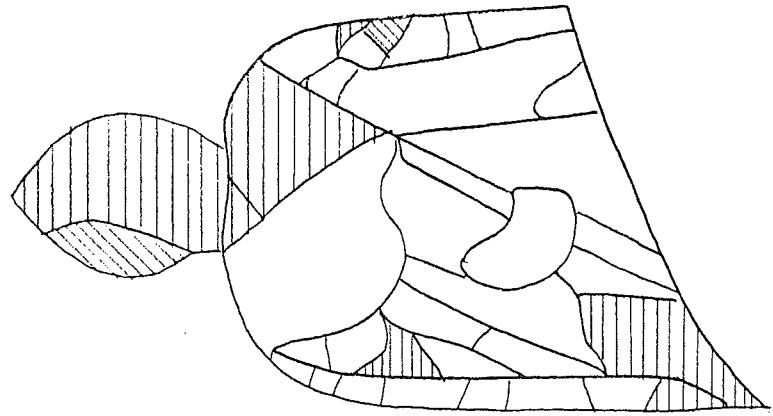
Restoration diagram



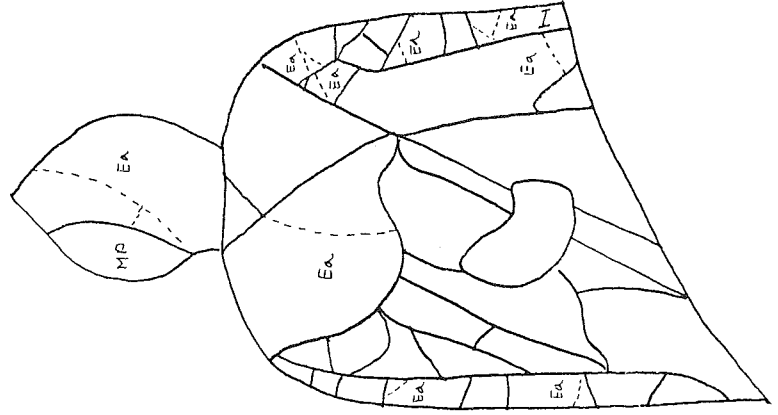
current conservation



Restoration diagram

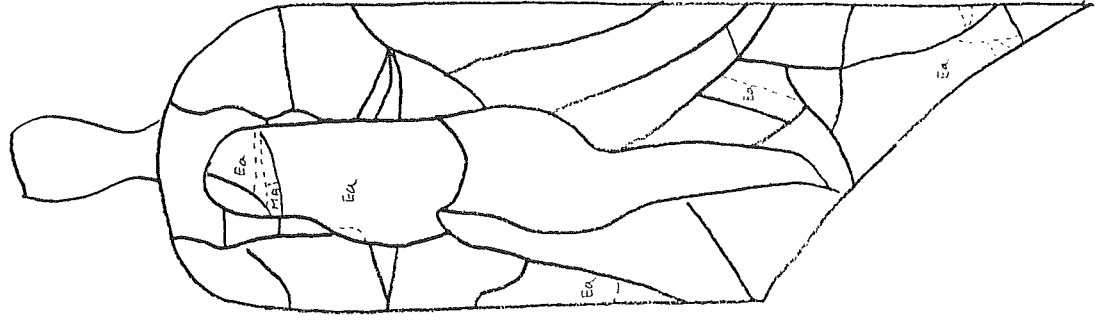
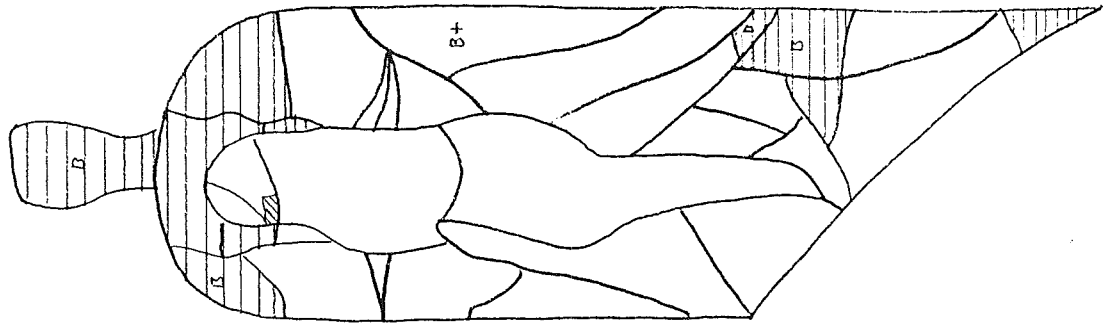


current conservation

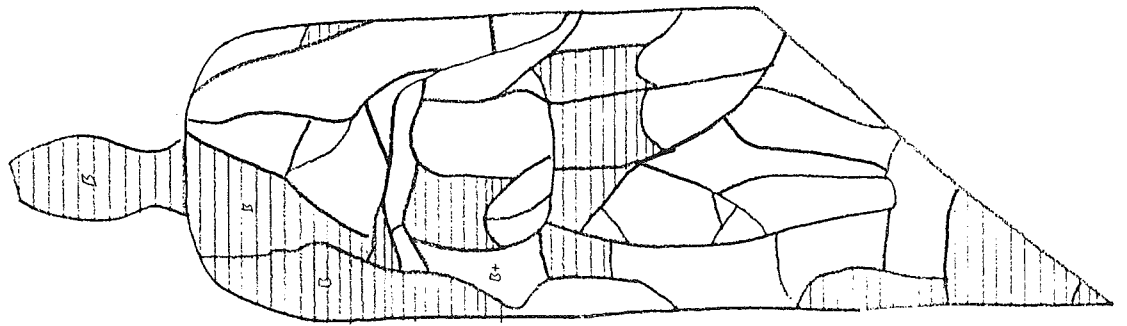
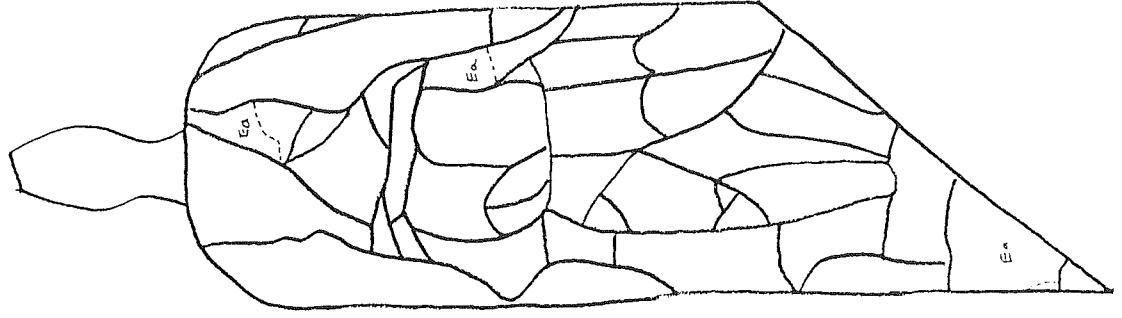


I&R Cooke for Barley Studios 2000
Thornhill St Michael and All Angels: Great East window: panel B1
Restoration diagram

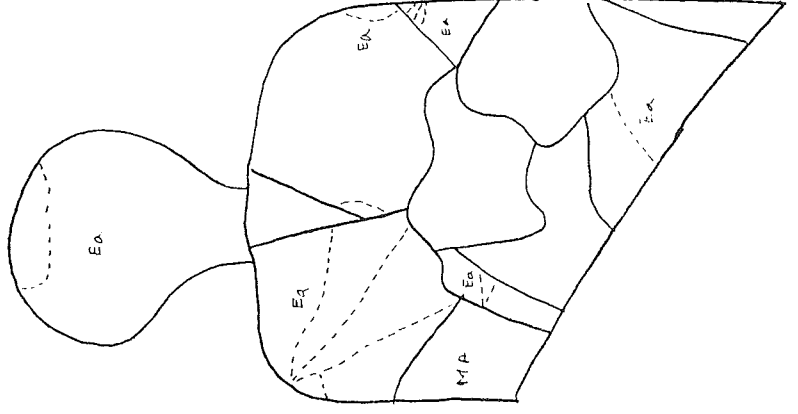
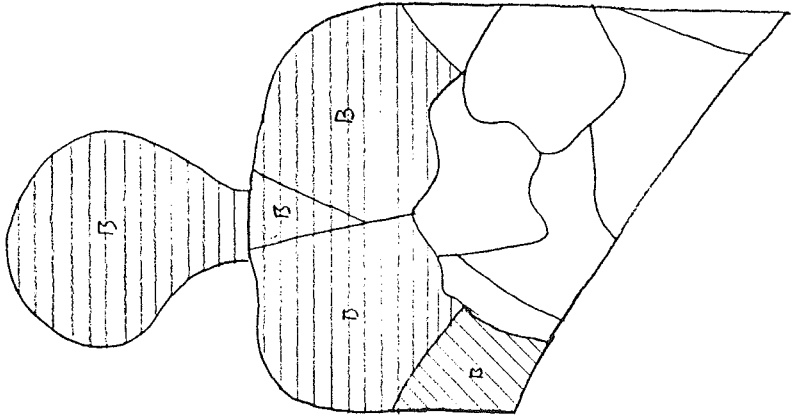
current conservation



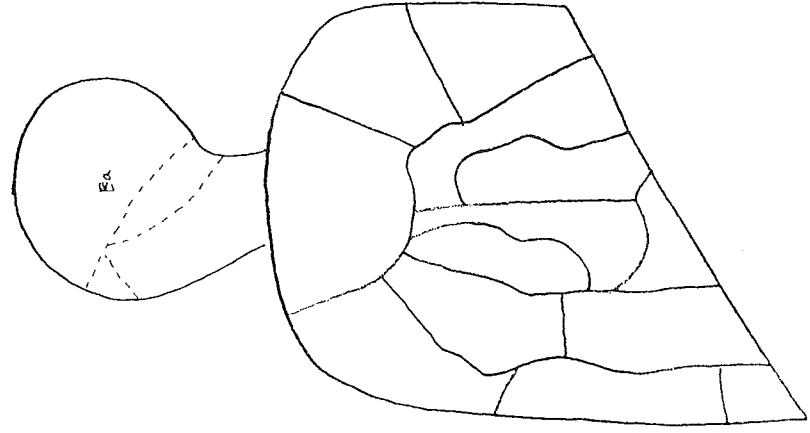
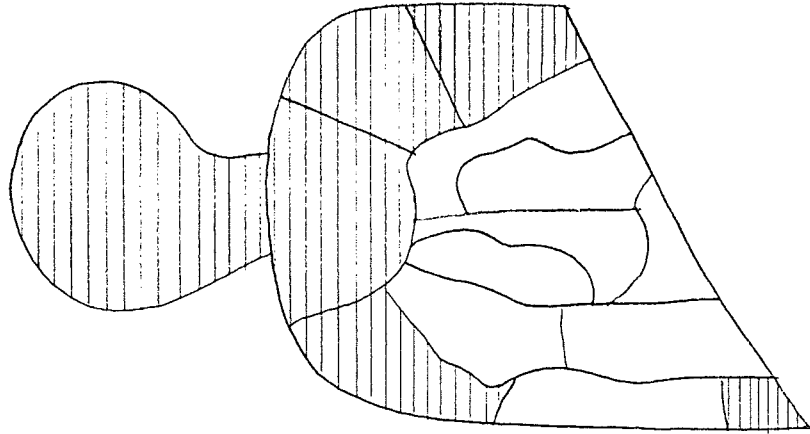
current conservation



current conservation



current conservation



Thornhill St Michael and All Angels: great east window

Catalogue of slides (J&R Cooke for Barley Studio)

1.	Whole window	before removal
2.	1a	re conservation
3.	1a	post conservation
4.	2a	pre conservation
5.	2a	post conservation
6.	3a	pre conservation
7.	3a	post conservation
8.	4a	pre conservation
9.	4a	post conservation
10.	5a	pre conservation
11.	5a	post conservation
12.	1b	pre conservation
13.	1b	post conservation
14.	2b	pre conservation
15.	2b	post conservation
16.	3b	pre conservation
17.	3b	post conservation
18.	4b	pre conservation
19.	4b	post conservation
20.	5b	pre conservation
21.	5b	post conservation
22.	1c	pre conservation
23.	1c	post conservation
24.	2c	pre conservation
25.	2c	post conservation
26.	3c	pre conservation
27.	3c	post conservation
28.	4c	pre conservation
29.	4c	post conservation
30.	5c	pre conservation
31.	5c	post conservation
32.	1d	pre conservation
33.	1d	post conservation
34.	2d	pre conservation
35.	2d	post conservation
36.	3d	pre conservation
37.	3d	post conservation
38.	4d	pre conservation
39.	4d	post conservation
40.	5d	pre conservation
41.	5d	post conservation
42.	1e	pre conservation
43.	1e	post conservation
44.	2e	pre conservation
45.	2e	post conservation

46.	3e	pre conservation
47.	3e	post conservation
48.	4e	pre conservation
49.	4e	post conservation
50.	5e	pre conservation
51.	5e	post conservation
52.	1f	pre conservation
53.	1f	post conservation
54.	2f	pre conservation
55.	2f	post conservation
56.	3f	pre conservation
57.	3f	post conservation
58.	4f	pre conservation
59.	4f	post conservation
60.	5f	pre conservation
61.	5f	post conservation
62.	A1	pre conservation
63.	A1	post conservation
64.	A2	pre conservation
65.	A2	post conservation
66.	A3	pre conservation
67.	A3	post conservation
68.	A4	pre conservation
69.	A4	post conservation
70.	A5	pre conservation
71.	A5	post conservation
72.	A6	pre conservation
73.	A6	post conservation
74.	A7	pre conservation
75.	A7	post conservation
76.	A8	pre conservation
77.	A8	post conservation
78.	B1	pre conservation
79.	B1	post conservation
80.	B2	pre conservation
81.	B2	post conservation
82.	C1	pre conservation
83.	C1	post conservation
84.	C2	pre conservation
85.	C2	post conservation
86.	4a	internal view pre conservation, reflected light
87.	4a	internal view post conservation, reflected light
88.	4a	external view pre conservation, reflected light
89.	4a	external view post conservation, reflected light
90.	1e	internal view pre conservation, reflected light
91.	1e	internal view post conservation, reflected light
92.	1e	external view pre conservation, reflected light
93.	1e	external view post conservation, reflected light
94.	3d	internal view pre conservation, reflected light
95.	3d	internal view post conservation, reflected light

96. 3d external view pre conservation, reflected light
97. 3d external view post conservation, reflected light
98. 4e external view post conservation: detail, preparatory
trace lines (Trümpler, 1991)
99. 5e internal view post conservation: detail, surface
fracturing to white glass
100. 5e external view post conservation, reflected light: detail,
?glazier's sort mark
101. 5d external view post conservation, reflected light:
detail, ?glazier's sort mark
102. 4b internal view post conservation: detail, ?glazier's
sort mark
103. 4e internal view pre conservation: detail of wax crayon
(p6 of condition report refers)
104. 4e internal view pre conservation, reflected light: detail
of wax crayon
105. 3b internal view during conservation, reflected light:
detail
106. 3c external view pre conservation, reflected light: detail
of previous restoration work.