

Glass survey of Oakwell Hall



Undertaken by Dennis
Eckersley 2025/2026



This survey has a window identification system that starts on the northwest corner and is numbered anti-clockwise. The ground floor windows are indicated with a “w” and the first floor with a “u/w”. Each will include the room references supplied on the drawings.

Most of the glass appears to be more contemporary (within the last 50 years) throughout the building with only evidence of a more historic glass being in the main gallery with a handful of pieces. In some instances, the glass is more animated than would expect.

In some positions a metal casement window provides ventilation and some of these have been replaced over time.

The ground floor windows on the South West elevation, excluding the main gallery window, have an in-situ applied museum film to eliminate U/V radiation. Each window has identification which is described from an internally viewed position with the a being the main light (1a) and the transom light (2a)

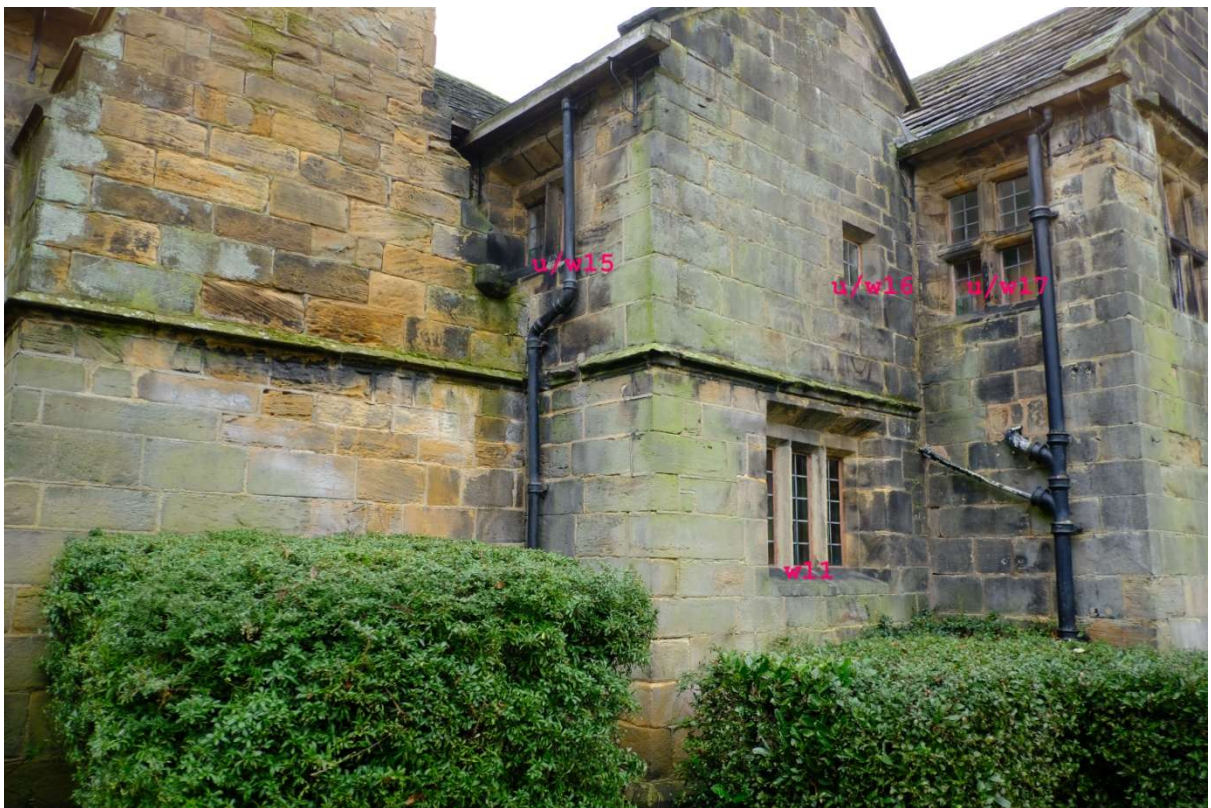
In some instances the metal ferramenta has been replaced with a lighter weight metal section where previous repairs have occurred.

In some locations, the leaded lights will have to be removed to ease access to the mason replacing joints, mullions and transoms.

Improved ventilation should be considered in some rooms on the North-West elevation as there is a build up off verdigris on the glass caused by regular interval of condensation which hangs around long enough to pick up airborne particles.







w1 ref 008 (SW facing)



Size – 15" x 30". Two stone apertures are infilled with stone. Existing ferramenta still evident.

w2 ref 006 (NW facing)



w2 is comprised of three lights sized 12" x 37.5". Block pattern leaded lights in reamy tinted glasses with ½ square ferramenta. All lights in a good condition.

w3 ref GAL 004 (SW facing)



This is a 12 light window comprising of 6 main lights sized 11.5 x 24" and 6 transom lights sized 11.5" x 21".

Block pattern leaded lights in reamy and seedy glasses with vertical ferramenta to each. All leaded lights have a U/V museum film applied to the internal surface. There is one broken square quarry in 1d. All copper ties are attached.

As a consequence of the proposed replacement of the whole transom and the mullions below, all lights 12 in total requires removing and re-leading after the museum film has been carefully removed.

This is an ideal time to remove the ferramenta shotblast, treat, paint and caulked into sockets prior to the glazing into the improved stonework.

w4 ref GAL 004 (SE facing)



This is a 12 light window comprising of six main lights, size 11.5" x 24" and six transom lights size 11.5"-21.5". Block pattern leaded lights in reamy and seedy glasses in mixed tints. All lights have applied museum film. Metal casement is situated in 1d, along with vertical ferramenta to each light.

These lights are in a sound condition but in some cases the ferramenta is not aligned to the leaded panels causing the panels to distort with the tension on the wires. No breakages to the glass and all wires are secure.

To facilitate the stone repairs, lights 1c and 2c, the glass and casement of light 1d, and light 2d need to be removed. The lights need to be re-leaded and re-sited within the repaired stonework.

w5 ref GAL4 (SE facing)



w5 is a single leaded light size 15x27.5" in a block pattern with 2 vertical ferramenta. This light is in a good condition with no sign of wire detachment or breakage. Minor stone repair to cill can be left in situ.

w6 Main gallery window ref Gallery (SW Facing)



This is a 30 light gallery window, which is subdivided into rows of 10. Each diamond quarry leaded light is made up of a combination of handmade glasses. These glasses are mouth blown seedy and reamy types with a small percentage of crown glass. All mentioned glasses being in pale tinted tones.

Each diamond light is supported utilising copper ties to attach two vertically situated ferramenta/saddlebars. The wires are twisted to the right tension and the ends snipped off. The lower row of ten lights, situated at cill level, are supported by 7/8 square wrought metal and the upper 2 rows (20 lights) with a timber saddlebars. They are each being held in position with socket in the stone cill and transom.

All lights are pointed into stone apertures with cement based mortar splayed on the inside and filleted on the exterior. The outer fillet has been overlayed with a red mastic pointing. Several cill sections are cracked due to expansion of the corroding ferramenta.

Sizes:

1a-1j 17"x40"

2a-2j 17"x35"

3a-3j 17"x31"

Condition

1a 17"x40" Diamond light with historic quarries, which have been plated prior to the leading up. One quarry is fractured in the upper portion. Copper ties not secured into the

ferramenta as they are too short. Leaded light is in a good condition. Cill is cracked due to ferramenta.

1b 17"x40" A poor replacement leaded light in modern sheet glass in oval lead profile rather than flat lead. Cill is cracked.

1c 17"x40" In sound condition with no breaks. No detached copper ties evident. Cill is cracked.

1d 17"x40" In a sound condition but with 2 broken quarries at the top. There is evidence of one previous in-situ repair. All copper ties are intact. Cill is cracked.

1e 17"x40" In a sound condition. However, the copper ties have been poorly tied off and trimmed. Cill is cracked.

1f 17"x40" In a good condition. Copper ties are secure. Cill cracked.

1g 17"x40" In a good condition. There are some historic glass quarries. Copper ties are secure. Cill cracked.

1h 17"x40" In a good condition. Copper ties are secure. Cill cracked.

1i 17"x40" In a good condition. There are some historic glass quarries. Copper ties are secure. Cill cracked.

1j 17"x40" In a good condition. There are some historic glass quarries. Copper ties are secure. Cill cracked.

2a 17"x35" Leaded light in a good condition. Copper ties are too short to reach round the wooden saddlebars.

2b 17"x35" Leaded light in a good condition with no copper ties available to support lead matrix.

2c 17"x35" Leaded light in a good condition. Copper ties are too short to reach round the wooden saddlebars.

2d 17"x35" Leaded light in a good condition. Copper ties are too short to reach round the wooden saddlebars.

2e 17"x35" Leaded light in a good condition with some historic glass evident. Copper ties are secure.

2f 17"x35" Leaded light in a good condition but 2 diamonds have suffered single breaks.

2g 17"x35" Leaded lights are in a good condition. One diamond has multiple breaks. However, the copper ties are secure.

2h 17"x35" Leaded lights are in a good condition. However, the copper ties are secure. One diamond has multiple breaks.

2i 17"x35" Leaded lights are in a good condition. Copper ties are secure.

2j 17"x35" Leaded lights are in a good condition. Copper ties are secure.

3a 17"x30" Leaded light in a good condition. Copper ties are too short to reach round wooden saddlebars.

3b 17"x30" Leaded light in a good condition. Copper ties are too short to reach round wooden saddlebars.

3c 17"x30" Leaded light in a good condition, however, there are two quarry breaks. Copper ties are too short to reach round wooden saddlebars.

3d 17"x30" Leaded light in a good condition. Copper ties are secure.

3e 17"x30" Leaded light in a good condition. Copper ties are secure.

3f 17"x30" Leaded light in a good condition. Copper ties are secure.

3g 17"x30" Leaded light in a good condition. Copper ties are secure.

3h 17"x30" Leaded light in a good condition. Copper ties are secure.

3i 17"x30" Leaded light in a good condition. Copper ties are secure.

3j 17"x30" Leaded light in a good condition. Copper ties are secure.

Course of action

- 1) Take out panels that have short ties and panels directly adjacent to proposed stone repairs.
- 2) Replacement of the border leads and the removal of existing copper ties.
- 3) Manufacture of a new panel as the original.
- 4) The opening of the ferramenta sockets on the first row of leaded lights and the treatment of ferramenta ends and the caulking with lead wool into the sockets.
- 5) The in-situ repair of minor breakages
- 6) The installation into stone apertures with lime mortar.
- 7) The removal of all red mastic pointing outside to all.

Lights removal for stone repairs – 1c,1d,1e,1i and 1j. 2g,2h,2i, 3d,3e,3f,3g,3i and 3j.

Lights removal for replacement copper ties – 1a, 2a, 2b, 2c, 2d, 3a, 3b, 3c.

Manufacture 1 new leaded light – 1b

The opening of ferramenta sockets in stone apertures to all the lower lights 1a-1j

Treatment of ferramenta ends and the caulking with lead.

w7 ref GAL 015 (SW facing)



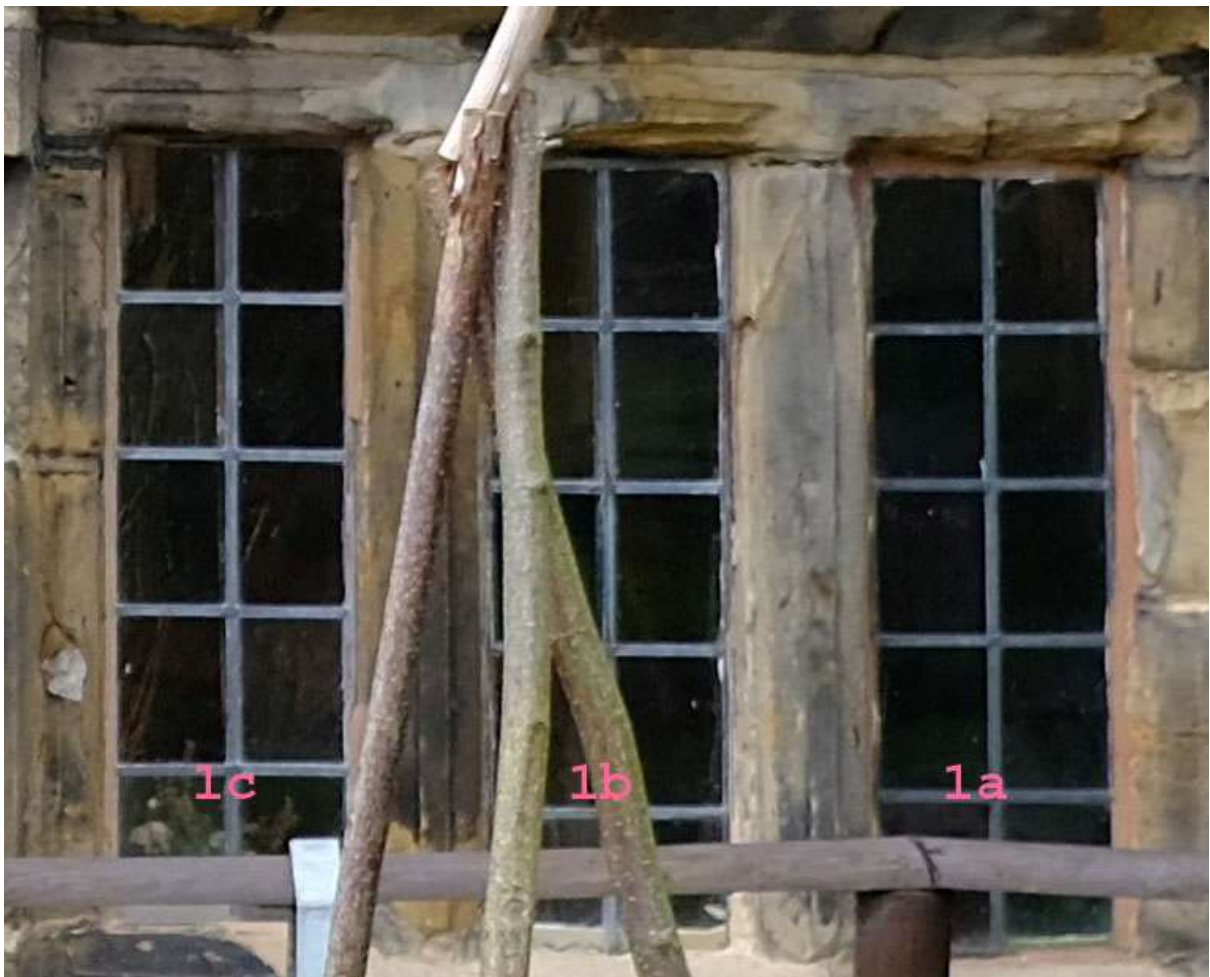
A bank of 12 lights, comprising of 6 lower lights and 6 transom lights. Dimensions of the 6 main lights – 12.5" x 27.5". Dimensions of the 6 transom lights – 12.5" x 24.5"

All lights are block pattern and are made up of mixed tinted mouth blown glasses. Each light is supported by horizontal 3/8 round saddlebars. The transom lights have U/V museum film applied. The lights are in a sound condition with no breakages. The ferramenta is showing minor oxidation. To facilitate stone repairs, the lower lights (total 6) will require the removal and re-leading.



4 light window comprising of 2 main lights and 2 transom lights. Dimensions of 2 main lights – 12.5” x 27.5” 2 transom lights – 12” x 24”

These block pattern leaded lights are in a mix tinted mouth blown glass with an opening casement in 1a. All glasses are treated with U/V museum film. No breakages or wire detachment. To facilitate stone repairs, the removal of lower light 1a and 1b along with the metal casement is required.



3 lights in a block pattern. Size 12"x37.5" Leaded lights are in a mixed tint mouth blown glass. Each supported by 7/8 ferramenta. One has been replaced with ¼ round bar. No breakages or tie detachment present. To facilitate the stone repairs, the removal of the three leaded lights and the re-leading as per the original. The removal and treatment of the ferramenta and replacement of one saddlebar.

w10 ref GAL 011 (N/E facing)



14 light window, comprising of 7 main lights and 7 transoms. Dimensions of the main lights are 12"x24" and transom lights 12" x 22"

Leaded lights are block patterned in tinted reamy and seedy mouth blown glasses. Each have a ¼ round vertical ferramenta with opening casement in e2. All leaded lights are in a fair condition. 1b is a poor replacement being made in commercial sheet glass. There is corrosion to the saddlebars but no detached ties.

To enable stone repairs to the mullions and cill, all fourteen leaded lights, including the transom casement, need to be carefully removed. Thirteen lights to be re-leaded, and one new replacement light to be manufactured to match the original. New square ferramenta needs to be installed.

w11 staircase (NW facing)



This is a three light window with dimension of 11.5" x 35". Lights are in a block pattern in mixed tint mouthblown glasses with vertical ferramenta. They are all in a good condition with no breakages or tie detachment.

w12 ref Staff 009 (NE Facing)



16 light window comprising of 8 main lights (12"x24") and 8 transom lights (12"x22")

These are block patterned leaded lights in tinted and seedy mouth blown glass with an opening casement light 1e. Each is supported by 5/16 vertical steel ferramenta.

The leaded lights are in a fair condition, although the ferramenta to the transom lights is poorly aligned. The glass is starting to get stained due to condensation build up. All ties are attached.

To facilitate stone repairs, 12 lights are directly affected it would be prudent to remove all lights and opening casement and re-lead and replace ferramenta with suitable non-ferrous replacement.



This is a 3 light window, which are all 12" x 34".

They are block pattern leaded lights in a pale tinted mouth blown glasses with vertical ferramenta. The lights are in a fair condition.

Light 1a is a poor replacement manufactured in commercial sheet, with no ties securing to the ferramenta. This needs to be replaced with a leaded light manufactured to the original specification.

Light 1b has a saddlebar that is round rather than square.

w14 ref Staff 008 (N/W facing)



This is a 6 light window in which are all 12"x36" in size.

Block pattern leaded lights in a pale tinted mouth blown glasses with vertical ferramenta. 1a and 1c contain a metal casement.

1a is in a poor condition. There is evidence of a previous in-situ repair. The metal casement is showing signs of corrosion, thus difficult to operate. It has an inadequate ¼ inch round ferramenta.

1b is in a poor condition. It has an inadequate ¼ inch round ferramenta.

1c leaded light is a poor replacement in commercial sheet and is in a weak condition due to previous in-situ repairs. The metal casement is showing signs of corrosion and is difficult to operate. It has an inadequate ¼ inch round ferramenta.

1d leaded light is in a fair condition with evidence of one in-situ repair. Ferramenta is the original 5/8" square.

1e leaded light is in a fair condition with evidence of one in-situ repair. It has an inadequate ¼ inch round ferramenta.

1f leaded light is in a fair condition. The ferramenta is original 5/8 square wrought iron.



This is a 6 light window comprising of 3 main lights (11.5" x 22") and 3 transom lights (11.5" x 20")

6 leaded lights in block pattern in a pale tint mouth blown glass in reamy and seedy. All lights have U/V museum film applied, which has been poorly executed with air bubbles.

All leaded lights are in a reasonable condition with no breakages and all wire ties are connected. The ferramenta in 2b is underweighted in 5%. No stone repairs to U/W1.

u/w2 ref GAL 113 (N/W Facing)



This is a 4 light window comprising of 2 main lights (16"x35") and 2 transom lights (16"x20")

The 4 light timber frame with an opening casement situated in 1b. This window has leaded lights made up in sheet glass with possible drawn sheet in the opening casement. The lights are supported by horizontal saddlebars.

Light 1a is in a good condition with no breaks and all ties are secure.

Light 1b is possibly early Victorian with the lead came painted in white and on to the glass. Otherwise it is in a fair condition with no breaks.

Lights 2a and 2b are poorly aligned to panels below. All ties are secure and there are no breakages.

u/w3 ref circ 112 (N/W facing)



This is a 4 light with 2 main lights (16"x35") and 2 transom lights (16"x20")

The four light timber frame has an opening casement in 2b. This window has leaded lights made up in sheet glass and possible drawn sheet. Each light is supported by horizontal saddle bars. All lights are in a good condition with all ties secure. However, light 2b is slightly out of line.

u/w4 ref circ 112 (N/W Facing)



2 light window with dimensions of 12" x 27.5". They are a 2 block pattern leaded lights in reamy mouth blown glasses with pale tints. Each light is supported by vertical ferramenta. Lights are in a reasonable condition and all ties are attached. Some evidence of verdigris build up at the base of the window caused by poor ventilation.

Recommended to clean the glass and paint the frame.

u/w5 ref GAL 109 (S/W facing)



It is a 12 light window, comprising of 6 main lights (size 12" x 24") and 6 transom lights (size 12"x21"

Block pattern leaded lights in a reamy mouth blown glasses in pale tints. Each light is supported by vertical ferramenta. These windows are not film coated. All lights are in a good condition 2a and 2f are supported by $\frac{1}{4}$ round bar, and 2b contains one broken quarry. To facilitate stone repairs, the removal of 1a 1c +1d, 2a, 2c and 2d - re leading of 6 leaded lights and the treatment of ferramenta

u/w6 ref GAL 110 (S/E facing)



5 light window sizes 11.5"x32".

Block pattern leaded lights in reamy mouth blown glasses in pale tints. Lights are in a reasonable condition. 1c has a $\frac{1}{4}$ round bar. All copper ties are attached.



Single light size 13"x24.5". Leaded light made up in reamy tinted mouth blown glasses with vertical central ferramenta. This light is in a fair condition. However, the central ferramenta is inadequate and the ties are detached.

To facilitate stone repairs, the removal of leaded light and the re-leading also the replacement of the ferramenta.

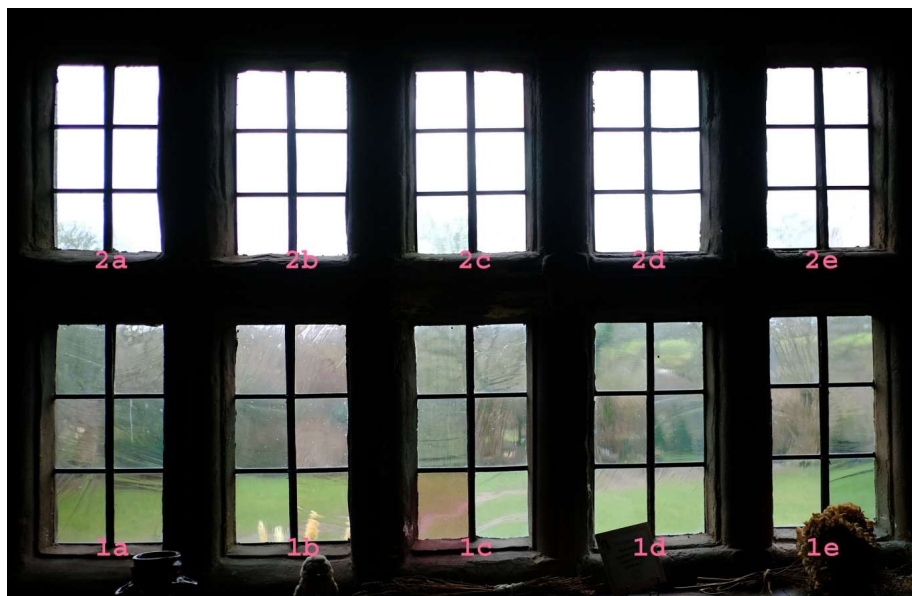
u/w8 ref GAL 106 (S/W facing)



3 light window size 11.5"x31".

Block pattern leaded lights in reamy and seedy mouth blown glasses with vertical ferramenta. All lights are in a reasonable condition. Light 1a has been repaired in-situ.

u/w9 ref 105 (S/W facing)



10 light window. 5 main lights are 12"x23" and 5 transom lights are 12" x19.5".

Leaded lights are made up in reamy tinted mouth blown glasses with central ferramenta to each. Both transoms and main lights do not sit up against the ferramenta and as a consequence have been pulled in as the wires were tightened. All ties twisted but not trimmed off.

To facilitate stone repairs, 6 lights are directly affected. I recommend the removal of all lights (10 in total), the re-leading of all and the treatment of ferramenta.

u/w10 ref GAL 105 (S/E facing)



4 light window. Sizes 2 -12"x18" Sizes 2 – 12"x17"

Leaded lights are made up in tinted reamy mouth blown glasses with an opening casement in Light 1b.

All in a good condition with all ties attached.

To facilitate stone repairs, the removal of 1a and 1b, which contains an opening casement. The re-leading of 1a and the re-leading of the opening casement needs no action other than re-sitting into stone apertures.



3 light window sizes 12"x23".

Leaded lights are in tinted reamy mouth blown glasses with a wooden casement situated in 1b. Outer light has vert ferramenta. The leaded lights 1a and 1c are in a reasonable condition but the wooden casement is inoperable and in a poor condition. The glass within the leaded light is sheet glass.

To facilitate the stone repairs, the removal of 1b wooden casement and 1c, the re-leading of 1c and the manufacture of a metal casement window and a new leaded light in reamy glasses to match others.

u/w12 ref GAL 102 (N/E facing)



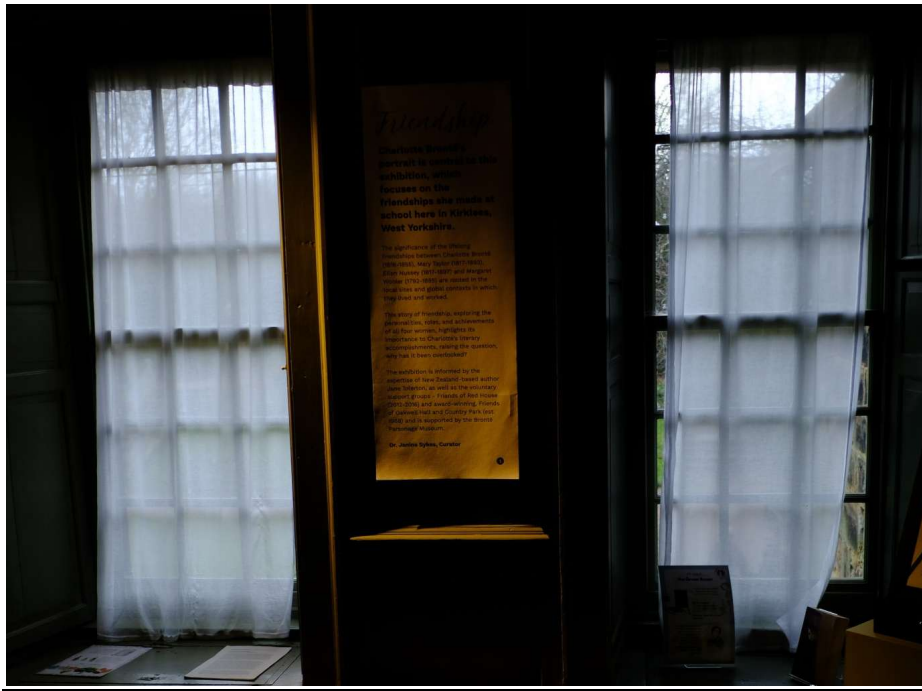
12 light window consisting of 6 main windows (size 12"x27") and 6 transom 12"x24".

Leaded lights are in tinted reamy mouth blown glasses with a wooden casement in 1c. The leaded lights are supported with vertical ferramenta.

All lights are in a fair condition, casement 1c is inoperable and in a poor condition. The ties are all attached. The replacement of opening casement 1c and the glass within replaced with a leaded light in reamy glasses. Panels 1d and 1e are in a poor condition, 1d is especially distorted.

To facilitate stone repairs, nine leaded lights are directly affected. Take out 11 leaded lights and re-lead, the removal of timber casement and manufacture of one leaded light to original specifications. Also, the treatment of the vertical saddlebars.

u/w13- u/w14 ref GAL 107 (N/E facing)



Georgian style sash windows that are glazed in toughened glass. These require no action.

u/w 15 ref circ 119 (N/E facing)



2 light (size 12" x 22") block pattern leaded lights in tinted reamy glass with vertical ferramenta. Leaded lights are in a fair condition with all ties attached. There is a minor break in 1b. Recommended to repair the break in situ and treat the ferramenta.

u/w 16 ref circ 118 (N/E facing)



Single leaded light size 12"x15".

Light in reamy glasses with vertical ferramenta. Light is in a fair condition. Surface of the glass is covered in verdigris and cobwebs. The central support is showing signs of corrosion.

u/w17 Male Water Closet (S/E facing)



This is a 4 light window size 12"x17.5". Four leaded lights in a reamy tinted mouth blown glasses with verdigris ferramenta. These lights are in a fair condition. All ties are attached. Only the two upper lights are visible from inside as the lower lights are behind stonework. Lights require cleaning due to build up of verdigris.



This is a six light window comprising of 3 main lights (size 11.5" x 22.5") and 3 transom lights (size 11.5" x 21")

Block pattern leaded lights in reamy glasses with central vertical ferramenta with a timber casement in 1b.

These leaded lights are in a fair condition with ties attached. However, the wooden opening casement is in a poor condition and inoperative. The glass within the casement is commercial sheet. Some of the bars are misaligned with the leaded light.

It is recommended for the removal of the wooden casement and the manufacture of a metal casement and new leaded light in reamy glasses as specified.

u/w19 ref 119 (N/E facing) womens w/c.



This is a six light window comprising of 3 main lights (size 11.5" x 22.5") and 3 transom lights (size 11.5" x 21")

Block pattern leaded lights in reamy glasses with central vertical ferramenta with a timber casement in 1b.

These leaded lights are in a fair condition with ties attached. However, the wooden opening casement is in a poor condition and inoperative. The glass within the casement is commercial sheet. Some of the bars are misaligned with the leaded light.

It is recommended for the removal of the wooden casement and the manufacture of a metal casement and new leaded light in reamy glasses as specified.

To facilitate the stone repairs, the removal of 2a-2c and the re-leading and treatment of the ferramenta.

u/w 20 ref Gal 115 (N/E facing)



This is an eight light window, comprising of 4 main lights (size 12"x23") and 4 transom lights (size 12"x21")

Block pattern leaded lights in reamy tinted glasses with vertical ferramenta. All lights in a good condition. However, some of the ferramenta is mis-aligned in 1c and the bar has been replaced with a lighter weight bar. Treatment to ferramenta is required.

u/w21 ref Gal 115 (N/W facing)



This is a 8 light window comprising of four main lights (size 12"x25") and four transom lights (size 12"x21")

Block pattern leaded lights in tinted reamy glasses with vertical ferramenta. All lights are in a fair condition, but some of the ferramenta is misaligned to the base panels. There is no breakages or tie detachment.



This is an 8 light window comprising of four main lights (size 12"x25") and four transom lights (size 12"x21")

Block pattern leaded lights in tinted reamy glasses with vertical ferramenta. All lights are in a fair condition, but some of the ferramenta is misaligned to the base panels. There is no breakages or tie detachment.

Brief description of recommendation:

Cleaning:

Use a soft brush to remove loose dirt and debris prior to cleaning of the glass with soft cloth a de-ionised water.

In-situ repairs:

Carried out where a contained areas of the window is broken or ill matched but the majority is otherwise of sound condition. The surrounding lead is carefully parred back to facilitate removal of the damaged or ill matched glass. The piece is removed and any residue cement is cleared. A matching piece of glass cut to size and painted and fired (where appropriate) is inserted into the space and cemented to ensure a water tight seal.

Remove and re-lead:

Carried out when the window has become distorted, or breakages are too numerous to be repaired in-situ, or the overall condition of the window is unsafe. The window is photographed in-situ then released from the aperture or frame by carefully removing the pointing from the perimeter and lifting the whole, or damaged section out. Residue pointing is carefully removed from the rebate to clear the glazing groove in readiness for re-glazing. The window is transported to the workshop where further photographs are taken and a rubbing using charcoal and brown paper. The rubbing is used to note the dimensions, breakages, lead size, position of the tie wires and any other notable points. Careful deconstruction of the light begins by gently removing the lead and placing the glass onto a board ensuring each piece is positioned correctly. The glass is cleaned and any broken pieces are replaced in glass to match as closely as possible in colour and texture to the original. The glass is to releaded using comes the same profile as the original. The leaded joints are soldered with f grade solder and leaded light cement is applied to the whole panel to form a watertight between the lead and glass. New tie wires are soldered into place using the rubbing to maintain the original positions. The restored light is re-glazed into the stone aperture using soft lime mortar,

Treatment of Ferramenta:

Saddlebars are used to support leaded lights. Due to the fact that they are often ferrous they become rusty over time and can effect both glass and stonework. Treatment of ferramenta involves brushing corrosion from the bar prior to treating it with micaceous black paint prevent further deterioration. The same treatment can be applied to metal openers. In the case of severe corrosion, it may be prudent to consider replacing original bars and hoppers with new.

Summary of work required.

W1	No action
W2	No action
W3	Removal 12 lights, removal of Museum u/v film and relead
	Removal of ferramenta treat and re-instate caulked
	Application of Museum u/v film
W4	Removal of 3 lights removal of Museum u/v film and relead.....
	Removal of 3 of ferramenta treat and re-instate caulked
	Removal of opening casement service and re-instate.....
	Application of Museum u/v film
W5	No action.....
W6	Removal of 21 lights remove and replace edge leads and copper ties.....
	Manufacture of leaded light in reamy glasses.....
	Removal of 6 ferramenta treat/re-instate with caulked lead
	Open sockets and treat ferramenta /fill with caulked lead.....
W7	Removal of 6 lower lights,remove museum film and relead and re-instate.
	Removal of 6 ferramenta treat and re-instate.....
W8	Removal of 1 light relead and re-instate.....
	Removal of 1 opening metal casement service and re-instate.....
W9	Removal of 3 lights relead and re-instate.....
	Removal of 3 ferramenta treat and re-instate caulked
W10	Removal of 13 lights relead and re-instate.....
	Replace existing ferramenta with heavier gauge square bar.....
	Remove service and re-instate metal casement
W11	No action.....
W12	Removal of 15 lights relead and re-instate.....
	Replace 16 ferramenta with heavier gauge square bar.....

	Removal service and re-instatement of opening metal casement
W13	Removal and manufacture of 1 new leaded light in reamy glasses.....
	Replacement of ferramenta with heavier gauge square bar.....
W14	Removal of 1 light relead and re-instate
	Removal of 2 opening metal casements service and re-instate
U/W 1	Remove museum u/v film and renew
U/W2	Possible historic glass in 1b careful conservation clean insitu
U/W3	No action
U/W4	clean Verdigris and cobwebs off glass treat ferramenta
U/W5	Removal of 6 lights relead and re-instate
	Remove 6 ferramenta treat and re-instate caulked
	Brush down remaining ferramenta and redecorate
U/W6	No action
U/W7	Removal of 1 light and relead and re-instate
	Replacement of ferramenta with a heavier gauge square bar
U/W8	No action
U/W9	Removal of 10 lights relead and re-instate
	Removal 10 ferramenta treat and re-instate caulked
U/W10	Remove 1a light relead and re-instate
	Removal of metal casement the service and re-instatement
U/W11	Removal of 1c relead and re-instate
	Supply and fitting metal opening casement
	Manufacture of leaded light in Reamy glasses
U/W12	Removal of 11 lights relead and re-instate
	Supply and fitting of a metal opening casement
	Manufacture of leaded light in Reamy glasses
	Remove 11 ferramenta treat and re-instate caulked

U/W13	No action
U/W14	No action
U/W15	Brush down and paint ferramenta
	1 insitu repair in 1b
U/W16	Brush down and paint ferramenta
	Brush off cobwebs and clean leaded lights
U/W17	Brush down and paint ferramenta.....
	Brush off cobwebs and clean leaded lights
U/W18	Supply and fitting metal opening casement
	The manufacture of leaded light in Reamy glasses
U/W19	Removal of 3 transom lights relead and re-instate.....
	Supply and fitting of metal opening casement.....
	The manufacture of leaded light in Reamy glasses
	Brush down 2 ferramenta and paint
U/W20	Brush down 8 ferramenta and paint
U/W21	Brush down 8 ferramenta and paint.....
U/W22	Brush down 8 ferramenta and paint
	