



Date received 320110934P

Receipt No:

Application for listed building consent for alterations,
extension or demolition of a listed building.
Planning (Listed Buildings and Conservation Areas) Act 1990

Please note that the information provided on this application form and in supporting documents may be published on the Authority's website. If you require any further clarification, please contact the Authority's planning department

Title:		First name:		Surname:	
Company name	The Governors of Stonyhurst				
Street address:	Stonyhurst				
Town/City	Clitheroe				
County:	Lancashire				
Country:	England				
Postcode:	BB7 9PZ				
Telephone number:					
Mobile number:					
Fax number:					
Email address:					
Are you an agent acting on behalf of the applicant? ☒ Yes ☐ No					

Title:		First Name:	Michael	Surname:	Hartley
Company name:	Cassidy + Ashton				
Street address:	7 East Cliff		Telephone number:	Country Code	National Number
					Extension Number
			Mobile number:		
Town/City	Preston		Fax number:		
County:	Lancashire				
Country:	United Kingdom		Email address:		
Postcode:	PR1 3JE		michaelhartley@cassidyashton.co.uk		

Has the work already started without planning permission? ☐ Yes ☒ No

4. Site Address Details

Full postal address of the site (including full postcode where available)

Description:

House:		Suffix:	
House name:	STONYHURST COLLEGE		
Street address:			
	STONYHURST		
Town/City:	CLITHEROE		
County:			
Postcode:	BB7 9PZ		
Description of location or a grid reference (must be completed if postcode is not known):			
Easting:	369037		
Northing:	439067		

5. Related Proposals

Are there any current applications, previous proposals or demolitions for the site?

☒ Yes ☐ No

If Yes, please describe and include the planning application reference number(s), if known:

There have been many applications associated with this Building; the most recent being 3/2011/0118

6. Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application?

☐ Yes ☒ No

7. Neighbour and Community Consultation

Have you consulted your neighbours or the local community about the proposal?

☐ Yes ☒ No

8. Authority Employee/Member

With respect to the Authority, I am:

- (a) a member of staff
- (b) an elected member
- (c) related to a member of staff
- (d) related to an elected member

Do any of these statements apply to you?

☐ Yes ☒ No

9. Materials

Please provide a description of existing and proposed materials and finishes to be used in the build (demolition excluded):

External walls - add description

Description of *existing* materials and finishes:

Stonework

Description of *proposed* materials and finishes:

Repairs in Stonework to match existing

Roof covering- add description

Description of *existing* materials and finishes:

Asphalt

Description of *proposed* materials and finishes:

Asphalt

Windows - add description

Description of *existing* materials and finishes:

Stonework surrounds, cast iron frames, some timber replacements

Description of *proposed* materials and finishes:

New stonework surrounds where necessary, new double glazed steel framed units

Ceilings - add description

Description of *existing* materials and finishes:

Plaster

Description of *proposed* materials and finishes:

As existing

9. Materials (continued)

Internal walls - add description

Description of *existing* materials and finishes:

plaster

Description of *proposed* materials and finishes:

as existing

Floors - add description

Description of *existing* materials and finishes:

Wooden flooring, carpets, vinyl, carpets and Lincrusta Flooring

Description of *proposed* materials and finishes:

Repairs and renewal

Internal doors - add description

Description of *existing* materials and finishes:

Timber panelled doors

Description of *proposed* materials and finishes:

Retained as existing

Rainwater goods - add description

Description of *existing* materials and finishes:

Cast iron

Description of *proposed* materials and finishes:

Cast iron

Lighting - add description

Description of *existing* materials and finishes:

mixture of pendants and fluorescent

Description of *proposed* materials and finishes:

New Uplighting/ down lighting, supplemented by table lamps as supporting drawings

Others - add description

Other Heating

Description of *existing* materials and finishes:

Existing radiators

Description of *proposed* materials and finishes:

new Heating / dehumidification units to supplement existing radiators.

Are you supplying additional information on submitted drawings or plans?

☒ Yes ☐ No

If Yes, please state plan(s)/drawing(s) references:

Drawings: 7553/LO1, LO2, 01, 03, A[21]01,

10. Demolition

Does the proposal include total or partial demolition of a listed building?

☐ Yes ☒ No

11. Listed building alterations

Do the proposed works include alterations to a listed building?

☒ Yes ☐ No

If Yes, will there be works to the interior of the building?

☒ Yes ☐ No

Will there be works to the exterior of the building?

☒ Yes ☐ No

Will there be works to any structure or object fixed to the property (or buildings within its curtilage) internally or externally?

☒ Yes ☐ No

Will there be stripping out of any internal wall, ceiling or floor finishes (e.g. plaster, floorboards)?

☐ Yes ☒ No

If the answer to any of these questions is Yes, please provide plans, drawings and photographs sufficient to identify the location, extent and character of the items to be removed, and the proposal for their replacement, including any new means of structural support, and state references for the plan(s)/drawing(s).

State references for these plan(s)/drawing(s):

See Drawings: 7553/LO1, LO2, 01, 03, A[21]01,

12. Listed Building Grading

If known, what is the grading of the listed building (as stated in the list of Buildings of Special Architectural or Historical Interest)?

☐ Don't know ☒ Grade I ☐ Grade II* ☐ Grade II

Is it an ecclesiastical building?

☐ Don't know ☐ Yes ☒ No

13. Immunity from Listing

Has a Certificate of Immunity from listing been sought in respect of this building?

☐ Yes ☒ No

14. Site Visit

Can the site be seen from a public road, public footpath, bridleway or other public land?

☐ Yes ☒ No

If the planning authority needs to make an appointment to carry out a site visit, whom should they contact? (Please select only one)

☐ The agent ☒ The applicant ☐ Other person

15. Certificates (Certificate A)

Certificate Of Ownership - Certificate A

Certificate under Regulation 6 of the Planning (Listed Buildings and Conservation Areas) Regulations 1990

I certify/The applicant certifies that on the day 21 days before the date of this application nobody except myself/the applicant was the owner (*owner is a person with a freehold interest or leasehold interest with at least 7 years left to run*) of any part of the land or building to which the application relates.

Title: First name: Surname:

Person role: Declaration date: ☒ Declaration made

16. Declaration

I/we hereby apply for planning permission/consent as described in this form and the accompanying plans/drawings and additional information.



Date

**CLITHEROE: STONYHURST COLLEGE - 7553
HISTORIC LIBRARIES****ESSENTIAL REPAIRS AND REFURBISHMENT****SUPPORTING INFORMATION STATEMENT AND
DESIGN & ACCESS STATEMENT****PROJECT EXPLANATION**

The North Wing of the West Front at Stonyhurst College is a Grade I listed building which was constructed during the period 1843 to 1844. The North Wing contains the Bay Library and the Square Library. The North side of the Old Quadrangle was completed in 1856 to 1857 and contains the Arundel Library.

Originally the Square Library contained the Religious Library but was also used by the Jesuit Community as a Sitting Room. The Bay Library was used by the Gentleman Philosophers (the name given to a group of mature Tertiary – Education – Age Students), and the Arundel Library was fitted out not only as a Library but also as a Museum. Lord Arundel entered Stonyhurst in 1796 and left his Library as a bequest to the School in 1837. The Bay and Square Libraries are among the best preserved early Victorian Libraries in England and they contain Upper Galleries within the space.

The windows on the East Side of the Bay Library are hidden by book shelving; internal access to the windows may be gained through a small hinged opening in the central bay normally concealed by books on the lower shelves.

During the period 1885 to 1889 the new School Chapel (which had been built in the 1850s along the North Side of the Arundel Library) was converted into a three tier Museum and Library named "The Chapel Library". A short flight of steps connected this area with the Arundel Library. Around 1970, the Chapel Library was converted into a Common Room for the higher line boys; the connecting door and steps were removed.

This application arises from the need to carry out extensive repairs and refurbishment to the Historic Libraries. In particular:

- The removal and reinstatement of a slate roof to Bay Library including repairs to the existing redundant chimney.
- The replacement of stone Transoms and Mullions to all four windows of the Bay Library; also repair works to heads of the Bay Library windows.
- The taking down and re-building of the bay window to the Square Library.
- Removal of the existing Cast Iron and wooden windows to all Library areas and the provision of new double glazed steel framed units to match the existing fenestration.
- Attention to damp affected plaster areas.
- Repairs and renewal of existing floor finishes.
- Protection to "Lincrusta" flooring.
- Re-decoration of walls and ceilings throughout.
- General upgrade of existing Mechanical and Electrical services.

These works are necessary in order to repair and restore the external fabric of the Historic Libraries, to repair and refurbish the existing windows, to make good the internal finishes within the Libraries and to upgrade the environment within which the books and displays are contained.

PROJECT JUSTIFICATION

The College commissioned a Condition Survey in 2009 in order to identify the essential repairs. The Report identified the need to repair and refurbish the existing windows, to carry out re-decoration within the Library areas due to damp penetration, to upgrade the heating and lighting installations with a view to providing an adequate environment in which to store books and artefacts, all with a view to restoring the Historic Libraries to an acceptable standard. The College considered the Report, and instructions were given to proceed with the essential repairs and to upgrade and restore the Libraries for continued use.

The Scope of Works was established, and the Architects carried out a Measured Plan Survey of the rooms.

a) Repair Works:

Considerable investigations have been carried out in order to establish the necessary repair works to the Libraries. The Architects have carried out an extensive detailed inspection of the exterior of the Libraries, utilising a Genie, in order to inspect specific details; the necessary repair works have been extensively photographed.

Schedules of Work have been prepared for Tender purposes and identify the areas of necessary repair to stonework fabric and mullions, roofs, and leadwork.

A copy of the Condition Report, and the Schedule of Works is included within this Application.

Internally, the water penetration has caused damage to plaster surfaces which are to be repaired and renewed.

In addition, the existing Cast Iron rainwater pipe and lead hopper to the Front Elevation is to be increased in size to accommodate the rainwater from the roof; the new Cast Iron pipe will be painted black.

b) Window Repair and Refurbishment:

Some structural movement has occurred within the window construction and we have sought the advice of the Structural Engineer regarding the necessary repairs. Both the Cast Iron dowels/cramps and the Cast Iron window frames have corroded causing movement and fracturing of the stonework.

We have identified the need to carefully dismantle the stonework to the Bay Library to the West Front and also to dismantle the window to the Square Library but to retain the Central Mullion by way of ongoing structural support.

In addition the Cast Iron window frames will be removed along with those that have been replaced in timber. The window frames to the Bay Library are in a particularly poor condition and maybe beyond repair. We have suggested that all window frames are carefully removed for inspection following which a decision can be made on either their refurbishment, or their replacement. Previous works to this Elevation have involved the replacement of the window frames with double glazed steel units to match the existing patterns.

From an environmental control point of view, the Libraries would benefit from double glazing and protective film to windows.

There is therefore a desire to replace the windows with double glazed units utilising Historic Glass to the outer pane with film applied to the inner pane.

The stonework to the windows in the Arundel Library appears to be in reasonable condition and any repair works are unlikely.

The Schedule of Works identifies the need for replacement, repair and indenting as necessary.

c) Decoration:

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The Libraries have been re-decorated over a number of years and additional colours have been introduced to highlight panels in the ceilings and to the detail above the windows. We wish to adopt a strict Conservation approach utilising the Heritage Colours selected from the Farrow and Ball range using a flat lime wash and then painting the ceilings in "Off White 3" and the walls in "String 8". All other surfaces will be decorated on a like for like basis.

The Arundel Library contains a late 19th Century floor finish called "Lincrusta" and this is to be protected by either carpet or rush matting. The wooden floor to the centre of the Library will be re-polished as existing.

Subject to inspection, the carpet square in the Square Library will be removed to expose the existing wooden floor allowing it to be re-polished. If the surface finish of the timber is not acceptable, then loose rugs will be introduced.

The strip of carpet to the Bay Library will be replaced in a similar colour.

Further consideration is being given to the introduction of Holland Blinds to the windows, and consultations are being held with a Museum Expert to advise on the best methods of sunlight protection. All timber surfaces will be thoroughly prepared and re-varnished. Storage cabinets and shelves are to be re-waxed.

All other surfaces will be decorated on a like for like basis

d) Heating:

Our Consultants have carried out a detailed inspection of the heating system which was found to be inefficient. Whilst it is proposed to retain the existing radiators, there is a need to provide addition heat within the building and also to provide dehumidification to maintain temperatures at 18°C and relative humidity at 55%. This criteria will greatly assist the environment in which the books and artefacts are stored.

The new heating/dehumidification units would be sited at low level and contained within a boxed out structure which would be in keeping with the existing panelling and shelving within the Libraries, (this detail has been employed elsewhere in the College). Drain off points will be required and are to be connected into the backs of existing rainwater pipes.

e) Lighting:

It is also intended to upgrade the lighting installation within the Libraries. The illumination levels are quite poor and a completely new lighting installation throughout the Libraries will be necessary:

Arundel Library: a new uplighting scheme will be provided but because of the drop off in efficiency from reflected light from the uneven ceiling, there will be a need to supplement the lighting at desktop level with table lamps similar to those employed in the

Campion Room and Moor Library.

The Square Library: the light fittings will be replaced on a point for point basis throughout including those under the Walkway and on the Balcony Bookcases.

Bay Library: the light fittings within the main area will be replaced with a combined up and down light fitting; lighting within the cubicle areas will be replaced with a more efficient fitting.

A copy of the Consultant's proposals are included within this Application.

IMPLEMENTATION

The Libraries will be closed on an individual basis for the duration of the works. However it is likely that the Square Library will be attended to first, followed by the Bay Library and then the Arundel Library; access will be gained from the main staircase outside of the Refectory and Sodality Chapel.

In addition scaffolding will be erected to the front of the College to facilitate the removal of windows.

The College Archivist has identified the books and artefacts which can be removed from the Libraries prior to the commencement of the works; these are to be correctly stored and then returned on completion. Some items cannot be removed and these will be protected on the existing bookcases with temporary structures erected around to provide the necessary protection.

Specifications have been prepared for tender purposes which includes all the above works.

The project will be carried by the In-House Maintenance Department.

STATEMENT OF SIGNIFICANCE

The Historic Libraries are a very important and significant part of the College.

Whilst the works generally will have a significant impact on the Libraries, the necessary works are considered to be minimal and will not significantly alter the visual appearance of the Libraries.

The desire to revert back to the original colour scheme will fully enhance the original intentions of the design.

The works generally are considered to be "like for like" repairs with environmental improvements to protect the legacy of the books and artefacts on display.

The proposals balance historic fabric issues against the protection of the historic collections.

SUPPORTING DOCUMENTATION

- Drawing 7553/LP1 Location Plan
- Drawing 4519/L91 College Plan locating the Libraries on 1st Floor
- Drawing 7553/LO1 illustrating the existing Plans.
- Drawing 7553/LO2 illustrating Sections through the Library.

- Drawing 7553/01 identifying the areas of damp penetration.
- Drawing 7553/02 identifying the external West elevation of the libraries.
- Drawing 7553/03 illustrating the works to the Bay Library windows.
- Drawing 7553/A(21)01 illustrating the parapet details to the roof.
- Drawing 009.047M1 illustrating the supplementary heating proposals to the Library.
- JRBE Drawing illustrating the lighting layout to the Library.
- Drawings 7553.1/7553.2/7553.3/7553.4 containing photographs illustrating the exterior and the interior of the Libraries.

Cassidy + Ashton Group Ltd
Architects and Building Surveyors
MJH/ec/7553/2.0/28 October 2011

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Checked by:

Revisions Date

Project	Stonyhurst College, Clitheroe
Dwg Title	

Client	The Governors of Stonyhurst		
Drawn	ES	Dwg No.	Re

Location Plan 1:2500

CASSIDY + ASHTON

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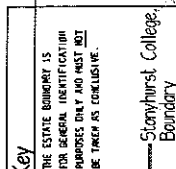
1 Regency Chambers Chestnut House

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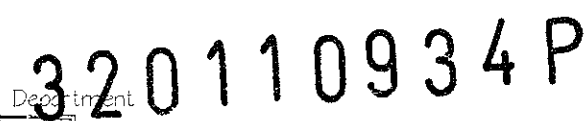
WAB CORP
Tel: 0151 4236914
Fax: 0151 4236915



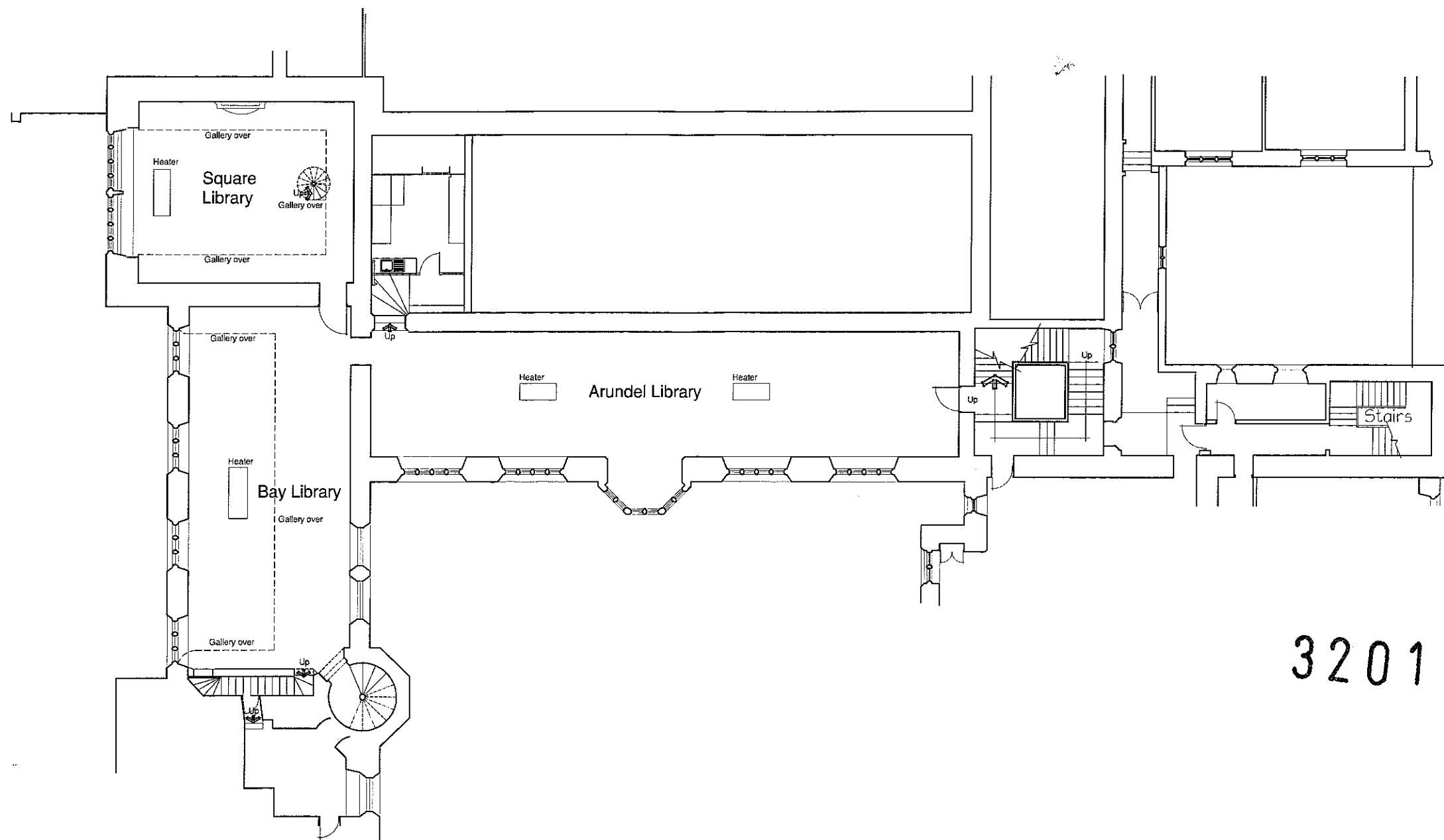


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Scale @ A3		Date		03.07.2007	
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1 Regency Chambers Jubilee way Bury Manchester BL9 9JW Tel: 0161 762 5800 Fax: 0161 762 5801		Cheating House Gorsey Lane Warrington WA1 6PP Tel: 0151 4236914 Fax: 0151 4236915		CASSIDY + ASHTON Architects Building Surveyors Planners Designers www.cassidyashton.co.uk carbs@cassidyashton.co.uk Tel: 01772 258356 Fax: 01772 825000	

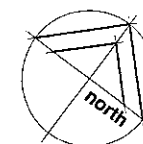
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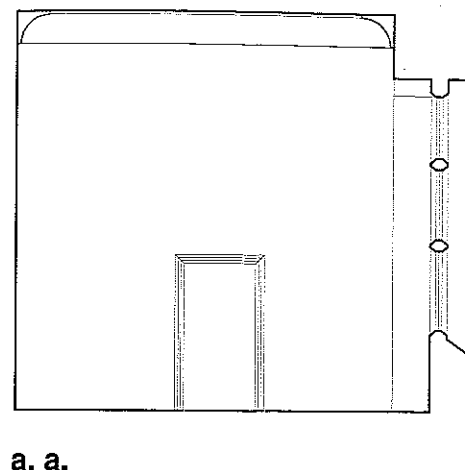
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							Location Of Libraries	Scale	1:1		L91	
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							Architects Building Surveys Planners Designers	www.cassidyashton.co.uk	cauts@cassidyashton.co.uk			



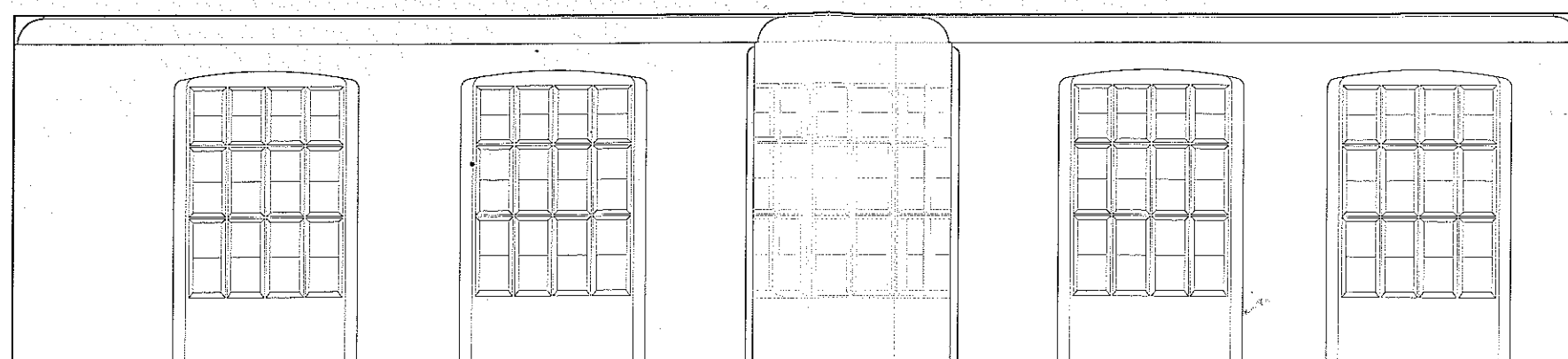
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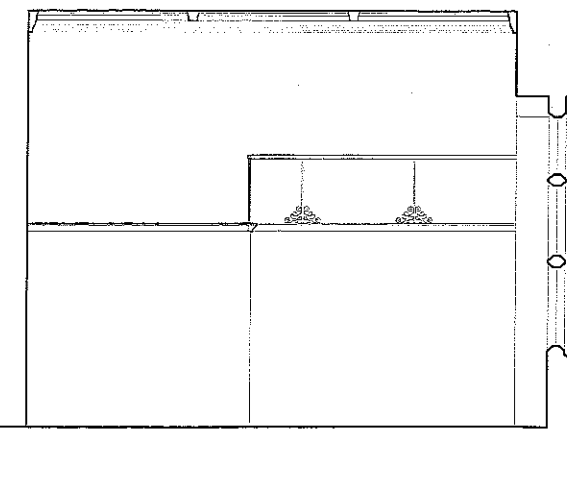
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						2. Do not scale this drawing — Check all dimensions on site	Arundel, Bay and Square Libraries		Date	Aug '09		
						Checked by:	Plans as Existing		Scale	A1	1:100	L01
							CASSIDY + ASHTON		7 East CSM	1 Regency Chambers	Cheshire House	
							Architects Building Surveyors Planners Designers		Preston	Jubilee Way, Bury	Corseby Lane	
							www.cassidyashton.co.uk		Greater Manchester	M10 0AN	Widnes	
									Tel: 01772 253356	Tel: 0151 762 5800	Tel: 0151 425814	
									Fax: 01772 826000	Fax: 0161 762 3801	Fax: 0151 425815	



a. a.
Arundel Library



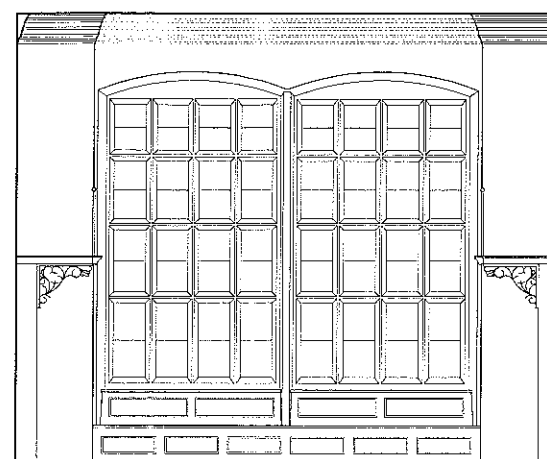
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Arundel Library



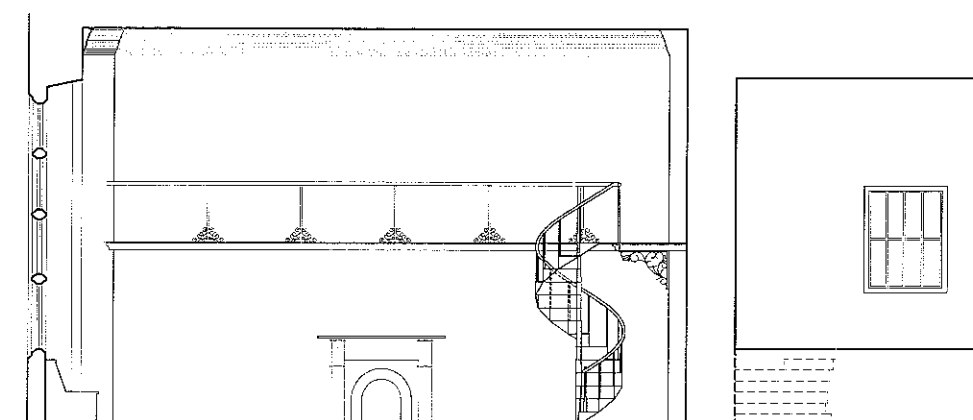
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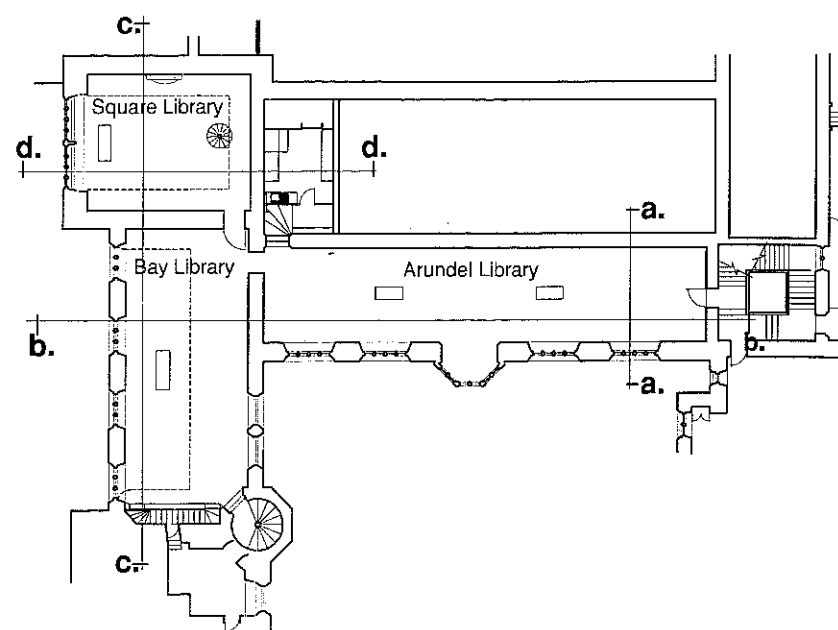
c. c.
Bay Library



Square Library



d. d.
Square Library



Section Location

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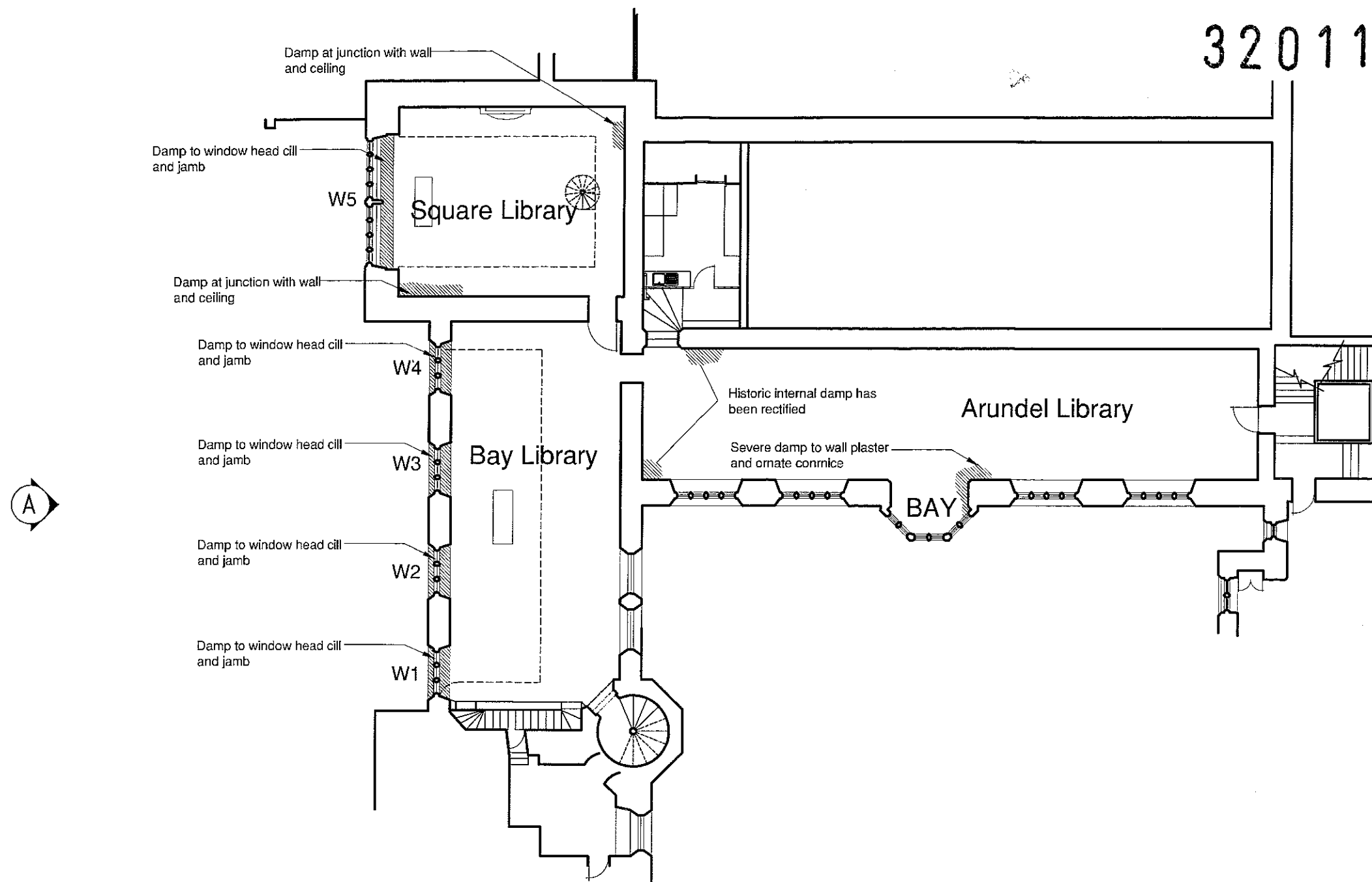
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						2 Do not scale this drawing - Check all dimensions on site.	Arundel Bay and Square Libraries.		Date	Aug '09		
						Checked by:	Sections as Existing		Scale	1:50	L02	
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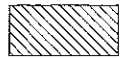
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				Architects Building Surveyors Planners Designers caabs@cassidyashton.co.uk Fax: 01772 825000		1 Regency Chambers Jubilee way Bury Greater Manchester BL9 0JW Tel: 0161 762 5800 Fax: 0161 762 5801	
				Chesire House Gorsey Lane Widnes WAB ORP Tel: 0151 4236914 Fax: 0151 4236915		C+A	

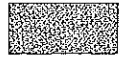
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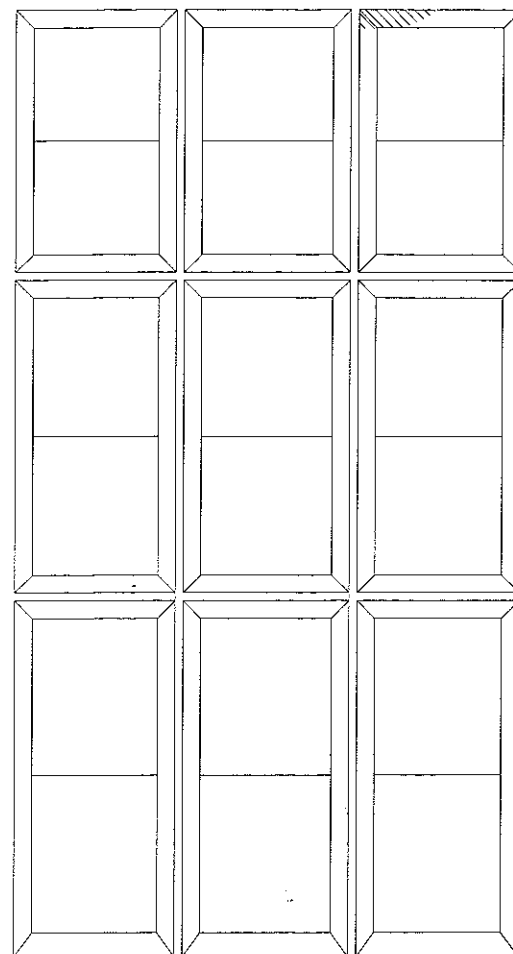
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				Architects Building Surveyors Planners Designers caabs@cassidyashton.co.uk		1 Regency Chambers Cheshire House Jubilee way Bury Gorse Lane Greater Manchester Widnes BL9 0JW WAB ORP Tel: 0161 762 5800 Tel: 0151 4236914 Fax: 01772 825000 Fax: 0161 762 5801 Fax: 0151 4236915	

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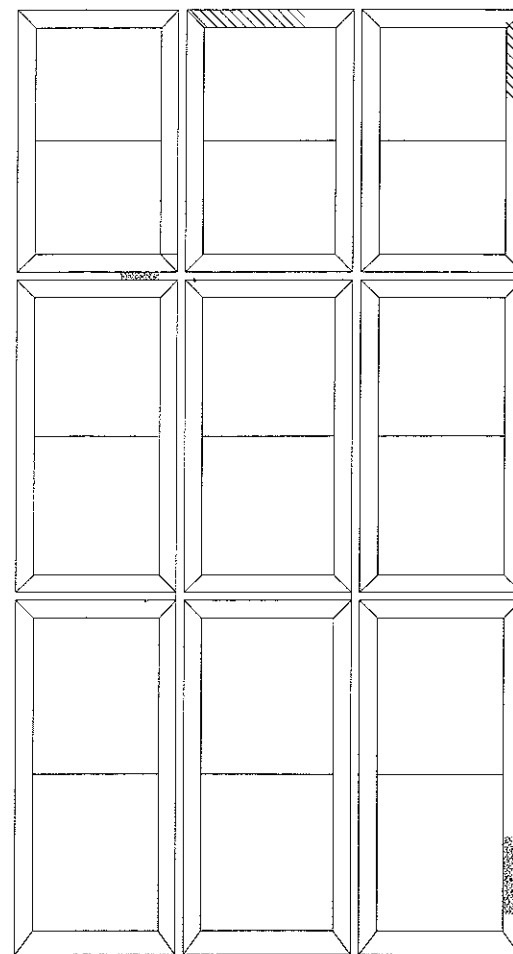
 INDENT REPAIR REQUIRED

 RESIN REPAIR REQUIRED

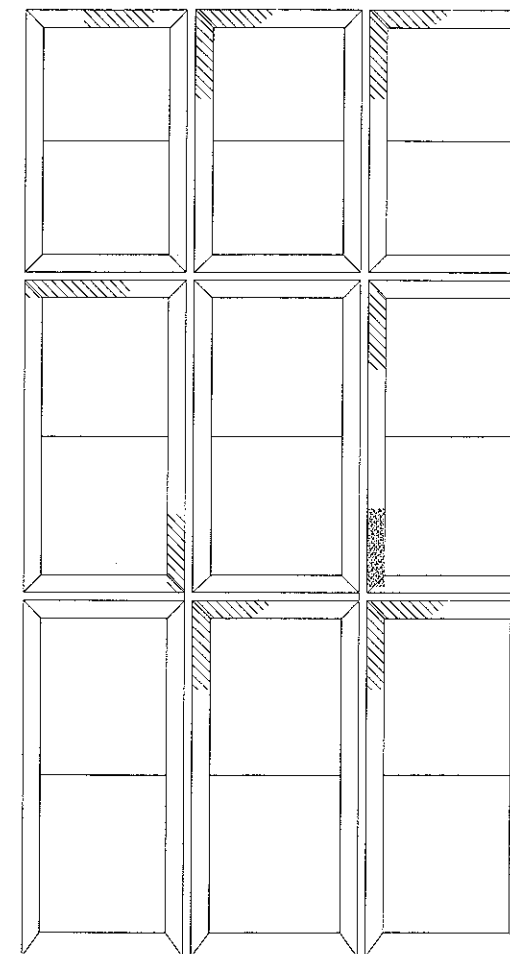
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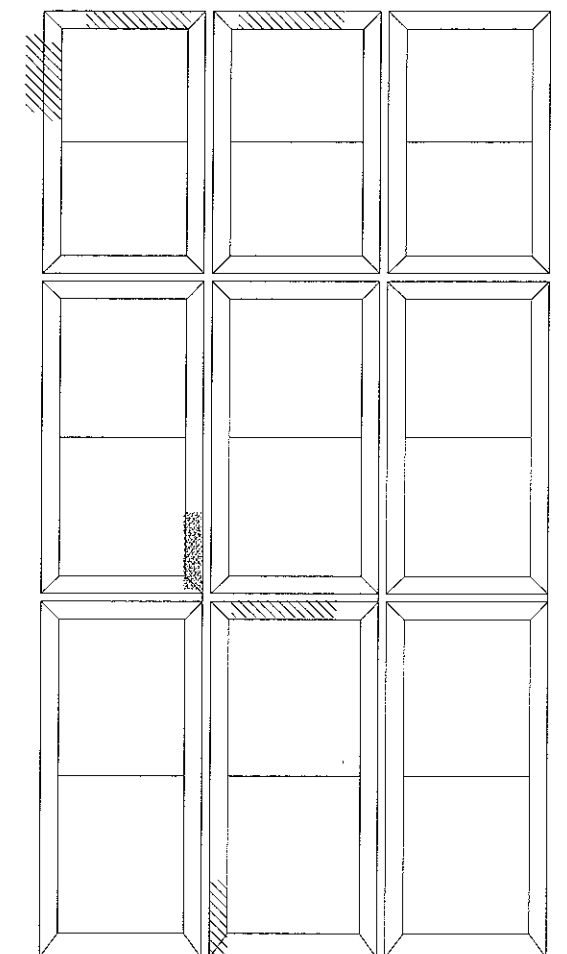
WINDOW 1



WINDOW 2



WINDOW 3



WINDOW 4

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						Date AUG 09	Rev. 03
						Scale@A3 1:100	
				CASSIDY + ASHTON		7 East Cliff Preston Lancashire PR1 3JE Tel: 01772 258356 www.cassidyashton.co.uk 1 Regency Chambers Jubilee way Bury Greater Manchester BL9 0JW Tel: 0161 762 5800 caabs@cassidyashton.co.uk Cheshire House Gorse Lane Widnes WAB 0RP Tel: 0151 4236914 Fax: 0151 4236915	
							

Loft Stor

2No. CALOREX DH60AP DEHUMIDIFIER
UNITS MOUNTED IN ADAPTED SHELVING AT
LOW-LEVEL c/w ELECTRIC HEATER, INLET
FILTER AND REMOTE HUMIDISTAT 24 2A
FLC 1 PHASE

2x2" FLOW
AND RETURN

Square
Library

2x2" F&R RISE FROM
COIL ENCASED WITH FLOW BELOW IN TO FLOOR
AND RETURN FROM BELOW

HYDRANT
VALVE

HYDRANT
RISER MAIN

HYDRANT
VALVE

HOSE
REEL

UP see floor above

2x2 FLOW
AND RETURN
FROM BELOW
AND TO
ABOVE

Dining Room
Upper Ceiling Space

320110934P

Arundel Library

COIL ENCASED WITH FLOW
AND RETURN FROM BELOW

COIL ENCASED WITH FLOW
AND RETURN FROM BELOW

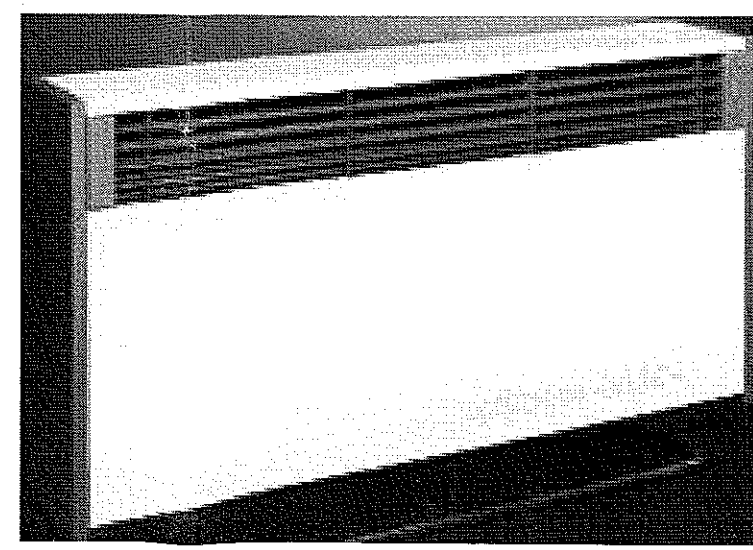
Bay
Library

2x2 FLOW
AND RETURN
FROM BELOW
IN TO FLOOR

2No. CALOREX DH60AP DEHUMIDIFIER UNITS MOUNTED
AT LOW-LEVEL c/w ELECTRIC HEATER INLET FILTER
AND REMOTE HUMIDISTAT 24 2A FLC, 1 PHASE

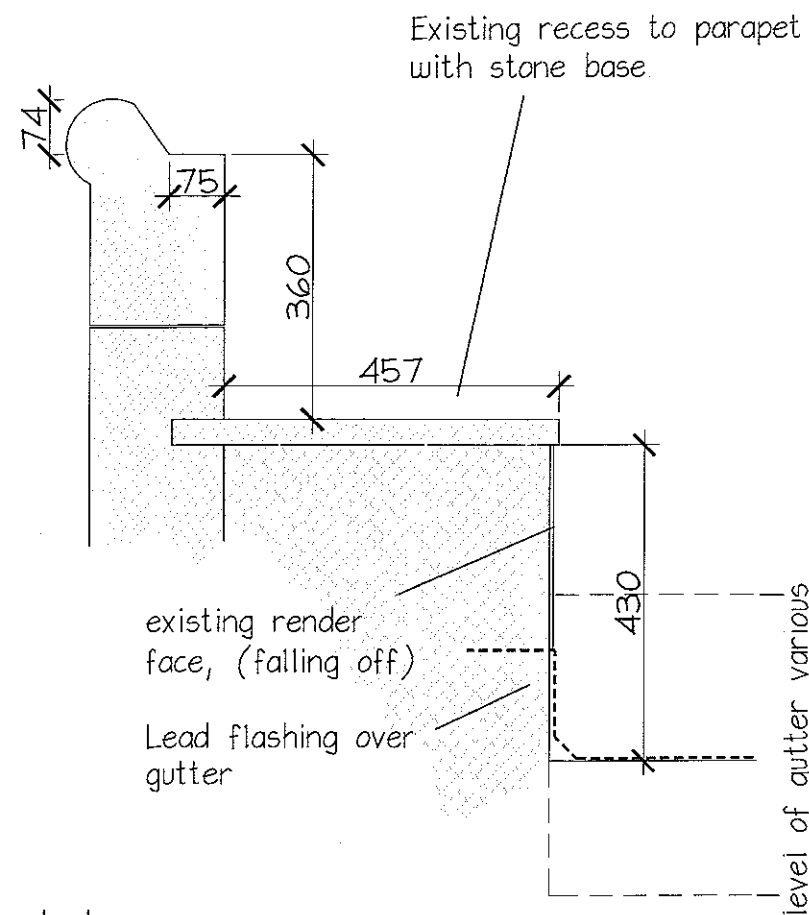
2No. CALOREX DH60AP
DEHUMIDIFIER UNITS
MOUNTED AT
HIGH-LEVEL ABOVE
WALL SHELVING c/w
ELECTRIC HEATER
INLET FILTER AND
REMOTE HUMIDISTAT
24 2A FLC 1 PHASE.

PRELIMINARY

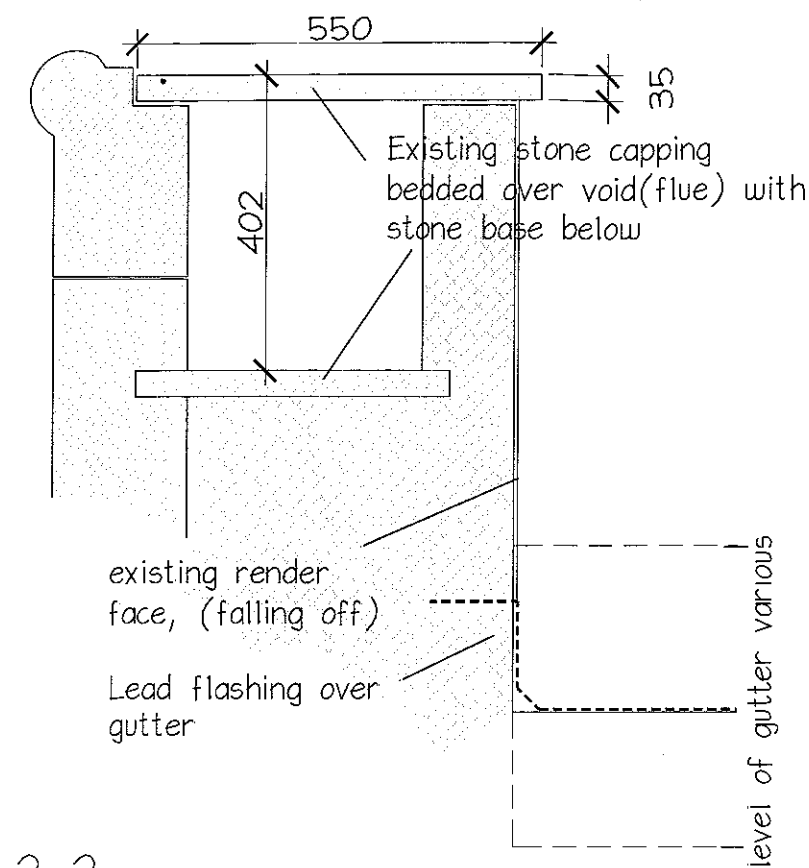


CALOREX DH60 DEHUMIDIFIER

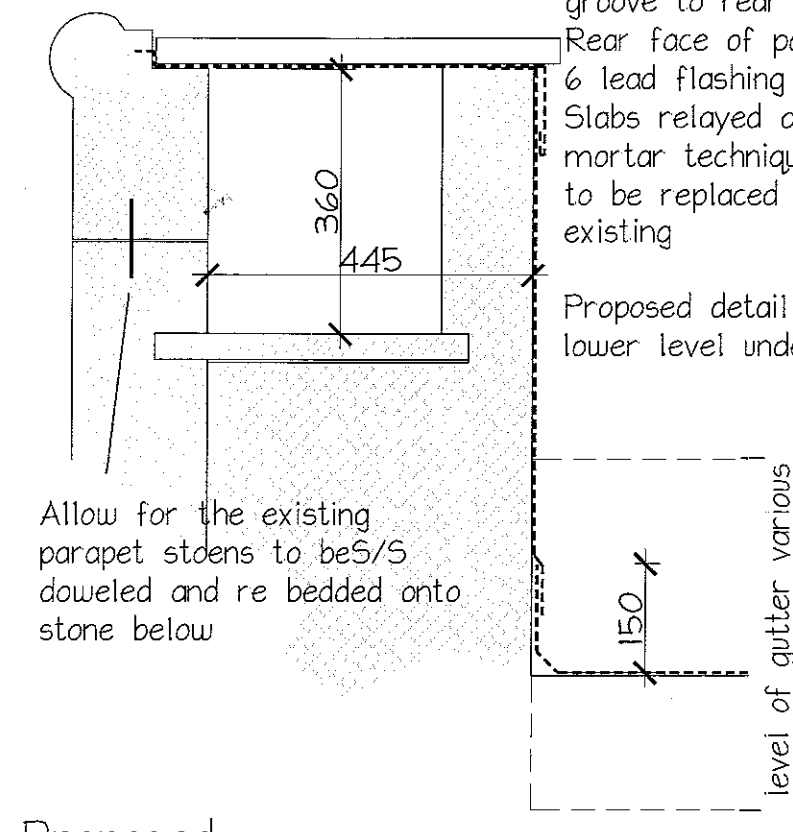
Rev	Date	Amendment
Dm: SMS	Date: AUG'11	Scale: 1:50@A1
Chkd: JRB	Date: AUG'11	
Project Title STONYHURST COLLEGE LIBRARIES		
Drawing Title EXISTING HEATING INSTALLATIONS		
 ENVIRONMENTAL DESIGN LTD M&E BUILDING SERVICES CONSULTING ENGINEERS Males Office Park, 10 Eaton Avenue, Bicester, Oxfordshire, OX9 7JH Tel: (01753) 351750 Fax: (01753) 458466 Email: info@edltd.co.uk		
Drg. No 009.047.M1		Rev —



1-1



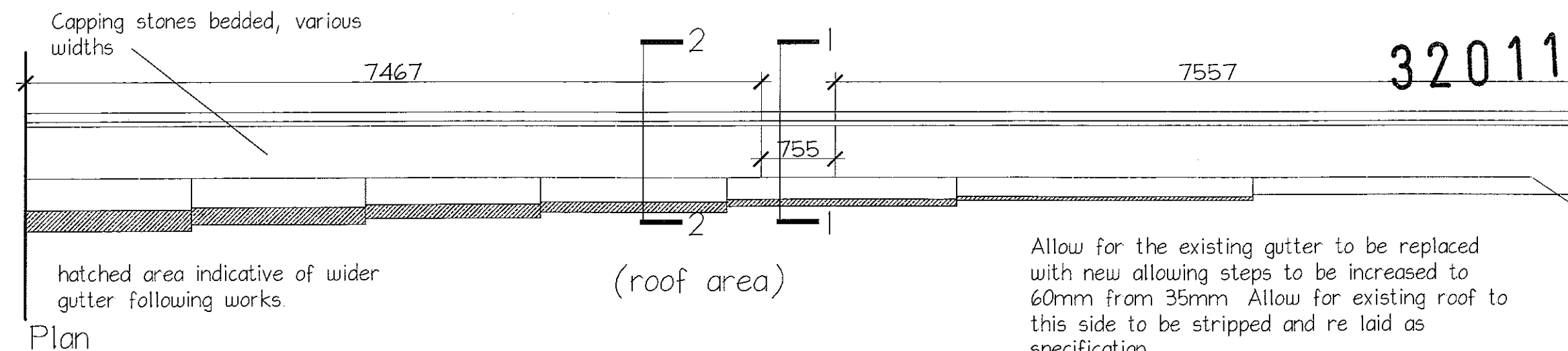
2-2



Proposed

Existing stone capping removed along with all existing mortar. Lay beneath re-layed capping Min Code 6 lead flashing, allow for groove to rear of parapet for bedding lead. Rear face of parapet to be clad with Code 6 lead flashing over new lead gutter. Slabs relayed and bedded using original mortar techniques. Damaged stone cappings to be replaced with secondhand to match existing.

Proposed detail to 1-1 as above but at lower level under existing stone slab.



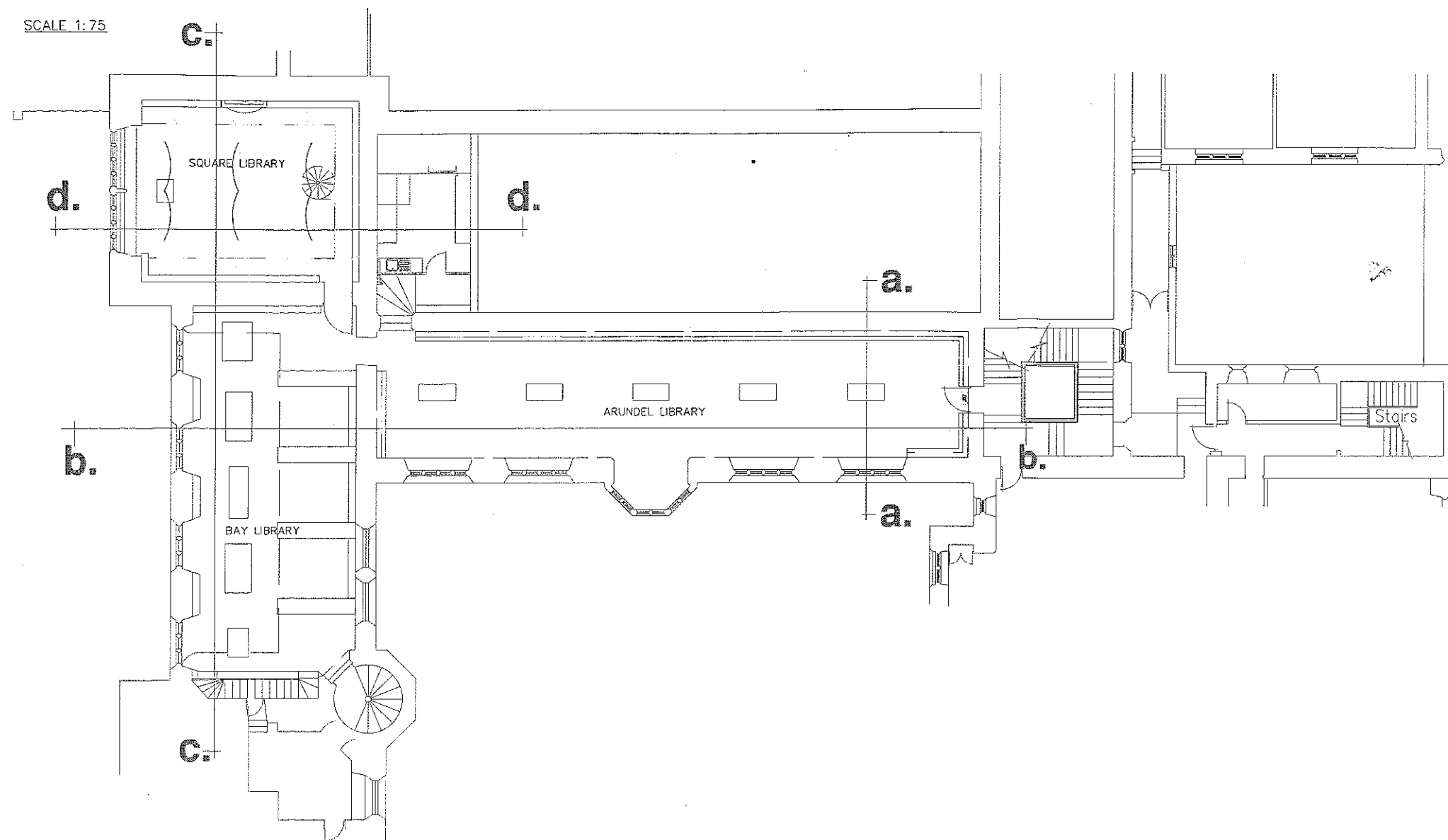
320110934P

Allow for the existing gutter to be replaced with new allowing steps to be increased to 60mm from 35mm. Allow for existing roof to this side to be stripped and re laid as specification.

PRELIMINARY

1. This drawing is subject to copyright and is not to be reproduced in part or whole without approval. 2. Do not scale this drawing - Check all dimensions on site.		Checked by:		Project Stoneyhurst College, Clitheroe		Client The Governors	
Rev		Initials	Date	Dwg Title PARAPET DETAIL BAY LIBRARY	Drawn I.W.	Dwg No 7553	Rev.
					Date 25-08-11	A(21)01	
					Scale @ A3		
				CASSIDY + ASHTON		7 East Cliff Preston Lancashire PR1 3JE Tel: 01772 258356 Fax: 01772 825000	
				Architects Building Surveyors Planners Designers www.cassidyashton.co.uk caabs@cassidyashton.co.uk		1 Regency Chambers Jubilee way Bury Greater Manchester BL9 0JW Tel: 0161 762 5800 Fax: 0161 762 5801	
						Cheshire House Gorse Lane Widnes WAB 0RP Tel: 0151 4236914 Fax: 0151 4236915	
						C+A	

SCALE 1:75



A



4 Pieces REGGIANI 11048 Norancia 150w MD HIT-DE RX7s + PREACC-STANDBY
Article No.: 11048
Luminaire Luminous Flux: 13500 lm
Luminaire Wattage: 150.0 W
Luminaire classification according to CIE: 19
CIE flux code: 72 97 99 19 72
Fitting: 1 x 8981\B30 (Correction Factor 1.000)

B



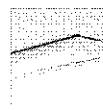
8 Pieces Reggiani Spa Illuminazione 11034 Norancia 150 MD
Article No.: 11034
Luminaire Luminous Flux: 13500 lm
Luminaire Wattage: 147.0 W
Luminaire classification according to CIE: 0
CIE flux code: 00 00 00 00 51
Fitting: 1 x CDMT150 (Correction Factor 1.000)

C



8 Pieces Fagerhult 19843 Lento 1xT5 35W
Article No.: 19843
Luminaire Luminous Flux: 3300 lm
Luminaire Wattage: 39.0 W
Luminaire classification according to CIE: 100
CIE flux code: 59 86 97 100 84
Fitting: 1 x T5 (Correction Factor 1.050)

D



9 Pieces Fagerhult 17891 Gondol T5 Surface mounted 1xT5 28W
Article No.: 17891
Luminaire Luminous Flux: 2600 lm
Luminaire Wattage: 32.0 W
Luminaire classification according to CIE: 100
CIE flux code: 39 73 95 100 86
Fitting: 1 x T5 (Correction Factor 1.000)

F



20 Pieces
Article No.: MS 50722
Luminaire Luminous Flux:
Luminaire Wattage: 100 W
Fitting: 1 x QT-15 (B15d) 100W (Correction Factor 1.000)

G



9 Pieces Steen DCC 3072 Jazz 450 1 x 57w TC-TE (GX24q5)
Article No.: DCC 3072
Luminaire Luminous Flux: 4300 lm
Luminaire Wattage: 57 W
Luminaire classification according to CIE: 74
CIE flux code: 23 49 80 67 109
Fitting: 1 x GX24q 57W (Correction Factor 1.000)

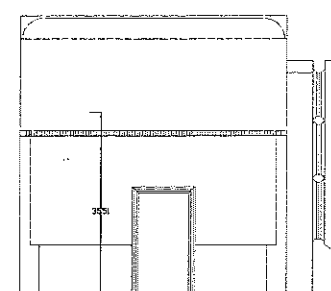
H



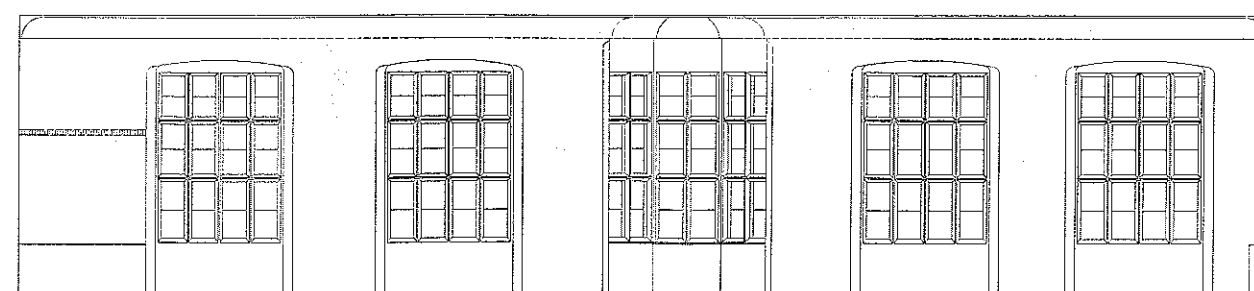
3 Pieces Fagerhult 53544 Teres Edge pendant 4xTC-L 55W
Article No.: 53544
Luminaire Luminous Flux: 19200 lm
Luminaire Wattage: 232.0 W
Luminaire classification according to CIE: 57
CIE flux code: 45 75 93 57 59
Fitting: 4 x TC-L (Correction Factor 1.000)

320110934P

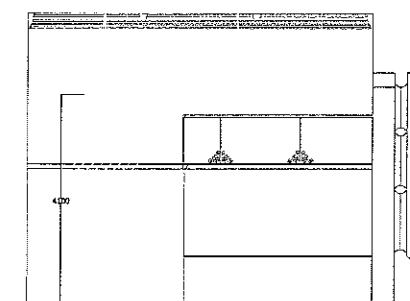
SECTIONS
SCALE 1:50



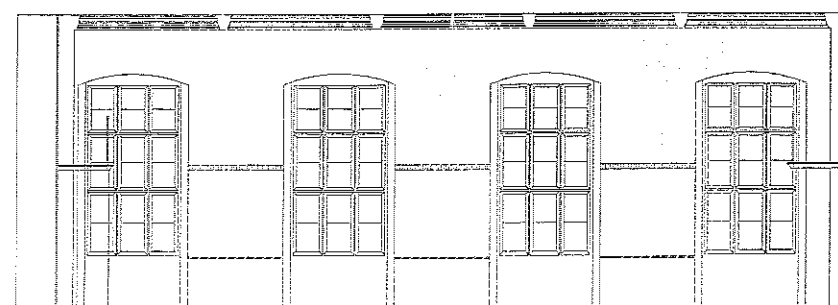
a. a.
Arundel Library



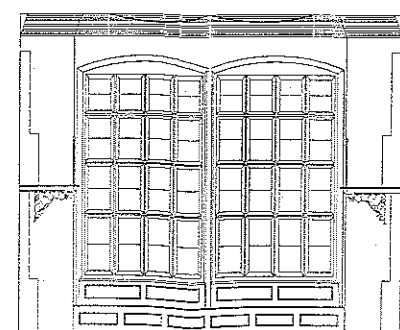
b. b.
Arundel Library



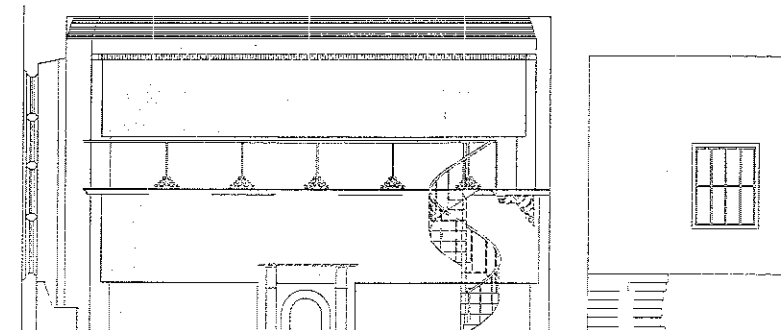
Bay Library



c. c.
Bay Library



Square Library



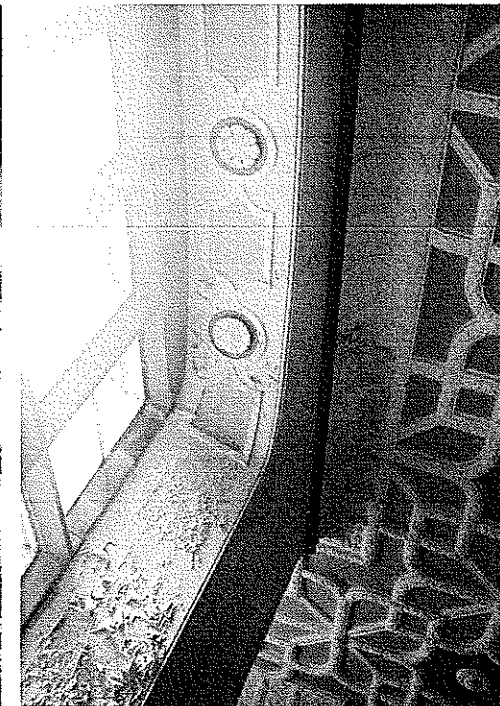
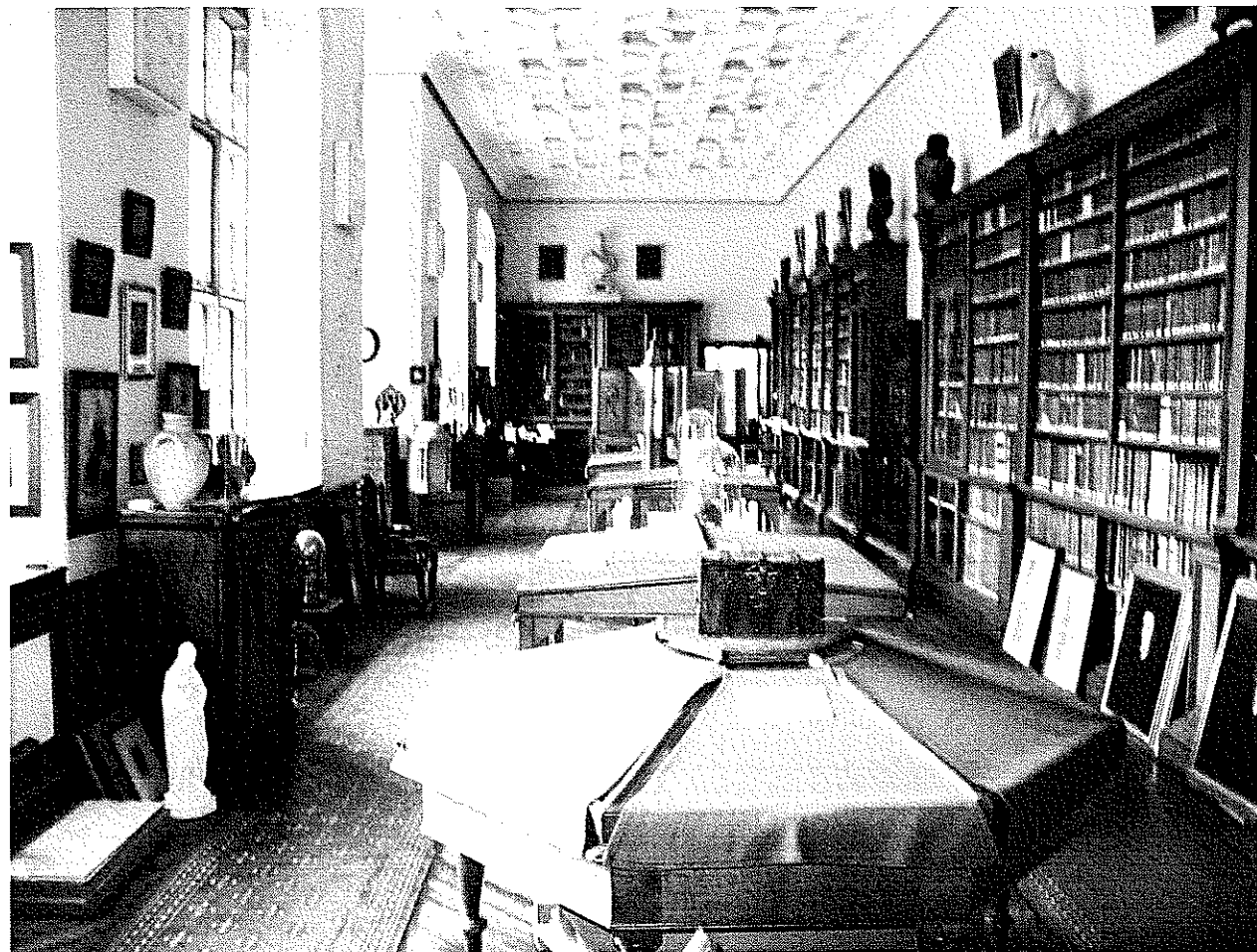
d. d.
Square Library

PRELIMINARY

Rev.	Date	Amendment
1	27.10.11	Scale: 1:75040
2	27.10.11	
STONHURST COLLEGE LIBRARIES		
Drawn & Title: GENERAL & EMERGENCY LIGHTING		
JRB		
ENVIRONMENTAL DESIGN LTD		
M&E BUILDING SERVICES CONSULTING ENGINEERS		
1000 20th Ave. N. 11th Floor, Suite 1100, St. Paul, MN 55108-1100		
Tel: 612 702 8070 Fax: 612 702 8071		
Email: jrb@jrb.com		
Proj. No.	009.047.E1	
Rev.	-	

Refurbishment of the Historic Libraries

Supporting Images - Identifying the Arundel Library



320110934P

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7553.2

Refurbishment of the Historic Libraries

Supporting Images - Identifying the Exterior of the Libraries

320110934P



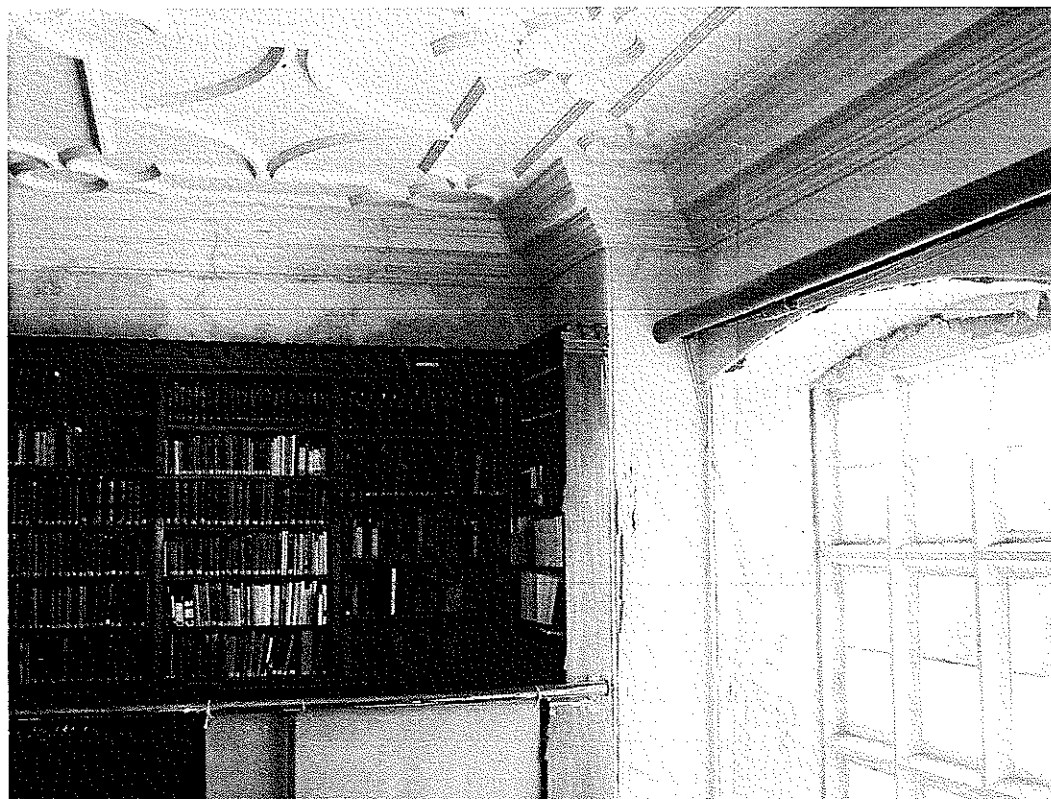
Stonyhurst College, Clitheroe

7553.1

C+A
7 East Cliff
PRESTON
Lancashire
PR1 3JE
01772 258356
CASSIDY ASHTON
ARCHITECTS & BUILDING SUPERVISORS

Refurbishment of the Historic Libraries

Supporting Images - Identifying the Square Library



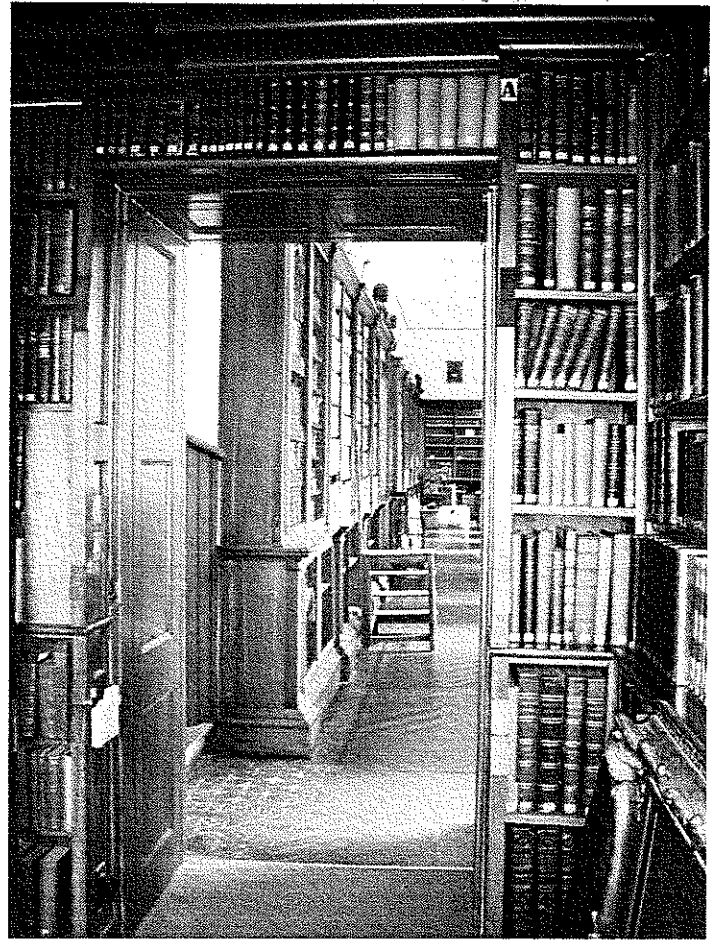
320110934P

Stonyhurst College, Clitheroe

7553.4

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 Lancashire
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 01772 256036
 CASSIDY ASHTON
 ARCHITECTS BUILDING SURVEYORS PLANNERS DESIGNERS

Refurbishment of the Historic Libraries
Supporting Images - Identifying the Bay Library



110934 P

Stonyhurst College, Clitheroe

7553.3

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CASSIDY - ASHTON
ARCHITECTS