RIBBLE VALLEY
BOROUGH COUNCIL

| For office use only | |
|---|---|
| Application No | |
| Date received | 3201110417P |
| Fee paid £ | Receipt No: |

Council Offices, Church Walk, Clitheroe, Lancashire, BB7 2RA Tel: 01200 425111 www.ribblevalley.gov.uk

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

**Publication of applications on planning authority websites.**
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.

## 1. Applicant Name, Address and Contact Details

Title: | First name: | Surname:

Company name: The Governors of Stonyhurst

Street address: Stonyhurst

Town/City: Clitheroe

County: Lancashire

Country: England

Postcode: BB7 9PZ

| | Country Code | National Number | Extension Number |
|---|---|---|---|
| Telephone number: | | [redacted] | |
| Mobile number: | | | |
| Fax number: | | [redacted] | |

Email address:

Are you an agent acting on behalf of the applicant? (•) Yes ( ) No

## 2. Agent Name, Address and Contact Details

Title: | First Name: Michael | Surname: Hartley

Company name: Cassidy + Ashton

Street address: 7 East Cliff

Town/City: Preston

County: Lancashire

Country: United Kingdom

Postcode: PR1 3JE

| | Country Code | National Number | Extension Number |
|---|---|---|---|
| Telephone number: | | 01772 258356 | |
| Mobile number: | | | |
| Fax number: | | 01772 825000 | |

Email address: michaelhartley@cassidyashton.co.uk

## 3. Description of Proposed Works

Please describe the proposals to alter, extend or demolish the listed building(s):

Essential Fire Prevention works throughout the College

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)

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

Description:

Essential Fire Prevention Works

## 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 and PP-01682447

## 6. Pre-application Advice

Has assistance or prior advice been sought from the local authority about this application? ( ) Yes (•) No

## 7. Neighbour and Co[redacted]onsultation

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):

**Lighting - add description**

Description of *existing* materials and finishes:

Existing Fire detectors, sounders, emergency lights etc

Description of *proposed* materials and finishes:

New Call points, sounders, beacons, smoke detectors, heat detectors, Alarm Indicator Panels, etc

**Others - add description**

Other: Emergency Equipment

Description of *existing* materials and finishes:

Existing Fire Hose Reels and Hydrants

Description of *proposed* materials and finishes:

Additional Fire Hose Reels and Hydrants.

Are you supplying additional information on submitted drawings or plans? (•) Yes ( ) No

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

See Drawing Nos: 010.025.FA7C, FA8C, FA9C, FA10D,FA11D, and FA12C.

## 10. Demolition

Does the proposal include total or partial demolition of a listed building? ( ) Yes (•) No

## 11. Listed building alterations

320111047P

| | |
|---|---|
| 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 Drawing Nos:
010.025.FA7C
010.025.FA8C
010.025.FA9C
010.025.FA10D
010.025.FA11D
010.025.FA12C
010.012.BATT.E1
010.012.BATT.E2
010.012.BATT.E3
010.012.BATT.E4
010.012.BATT.E5
010.012.BATT.E6
4519.LP3
SHEET 1
SHEET 2
SHEET 3

## 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: Mr First name: Michael Surname: Hartley

Person role: Applicant Declaration date: 09/12/2011 ☒ Declaration made

## 16. Declaration

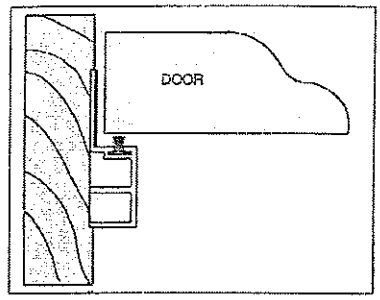
I/we hereby apply for planning permission/consent as described in this form and the accompanying plans/drawings and additional information. ☒

Date 09/12/2011

# ENVIROGRAF® PRODUCT GROUP 97

SHEET 1

## INTUMESCENT DOOR STOP FOR FIRE AND SMOKE PROTECTION




3201110 7P

### DESCRIPTION

A brown or white plastic door stop including intumescent fire seal and brush or rubber smoke seal, designed to upgrade normal hollow-core doors and to replace existing wooden door stops. Can be fitted with acoustic seals which also serve as draught and smoke seals.

### USE

Can be used for new installations, as a combined surface-mounted doorstop, brush smoke seal, and intumescent fire seal. Alternatively, the intumescent section can be routed into the door frame lining, with a rebate of 3mm deep x 50mm wide. The standard smoke seal supplied is a 5mm brush. Rubber seals may also be used, as indicated below (all of these seals offer draught and smoke protection). This product should be fitted to the most vulnerable doors (including non-fire-rated doors), such as dining room and kitchen. The smoke seal helps to ensure a fire escape route free from smoke, and the intumescent seals the gap between the door and frame to inhibit the spread of fire.

### PERFORMANCE

This product was used in a number of fire resistance tests employing the general procedures and criteria of BS476 Part 22 (1987), achieving an integrity of over 68 minutes on a fire door. Another test to BS476 Part 22 (1987) on a standard door (i.e. not fire-rated) achieved an integrity of 18 minutes, offering valuable escape protection.

### ORDERING REFERENCES:

PATENTED

**DSU/S** Single Door set comprising 2 x 2100mm and 1 x 1050mm pieces
**DSU/D** Double Door set comprising 3 x 2100mm and 1 ES/25/HS pieces

**State door stop colour and smoke seal required (see below)**

| |  |  |  |  |  |
|---|---|---|---|---|---|
| **Type:** | **Seal A** | **Seal B** | **Seal S** | **Seal T** | **Seal V** |
| **Seal Size:** | 6/9mm | 3/5/7/10mm | 5/7/9mm | 6/9mm | 6mm |
| **Use For:** | Single-action Doors | All Doors | Double-Action Doors | Cushioning | Single-action Doors |

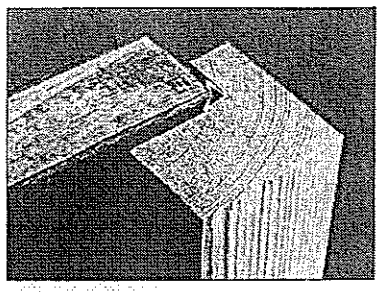
**Important: 1-1½mm of the brush or rubber seal is held within the holder. Brush with fin is always ½mm higher than regular brush. Make allowance for this when specifying.**

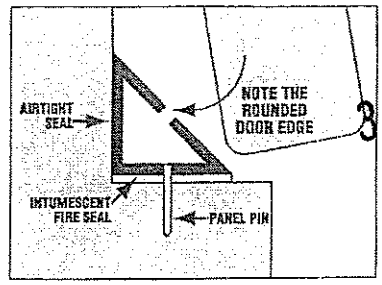
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# ENVIROGRAF® PRODUCT GROUP 78

SHEET 2

## ENVIROSTRIP






3201110 47P

### DESCRIPTION

An L-shaped plastic (black, brown, cream, or white) strip 12mm x 12mm x 2200mm with rubber fin seals, offering an effective acoustic, draught, smoke, and weather seal that will accommodate the movement of the door. Quick and easy to apply. A fire seal version is available, giving up to 30 minutes integrity in a fire

### USE

Fitted into the rebate of a door or window frame. Self-adhesive backing for ease of fixing, with maximum adhesion achieved after 72 hours in situ. For extra security, additional panel pin fixing may be employed if desired. This low-cost seal is ideal for public housing projects by councils and housing associations, to be fitted on all internal and external doors in apartments and houses, in positions where it will not be damaged

### PERFORMANCE

ENVIROSTRIP/F, with intumescent material fitted, was tested to BS476 Part 22 (1987) and achieved an integrity of 30 minutes. It also has acoustic properties for airborne sound

### ORDERING REFERENCES:

PATENTED

**ENVIROSTRIP (state colour required)**
**ENVIROSTRIP/F (fire-rated version)**

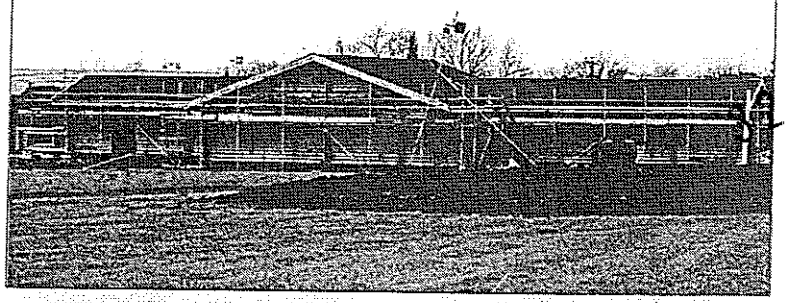
COPYRIGHT © 2011 INTUMESCENT SYSTEMS LTD

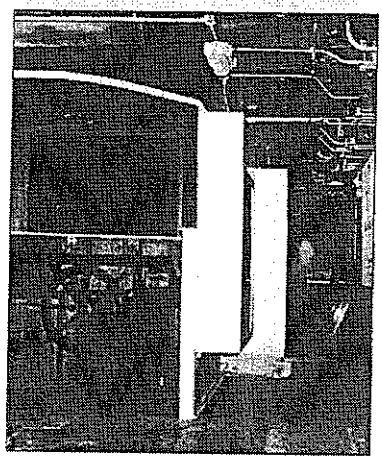
# ENVIROGRAF® PRODUCT GROUP 42

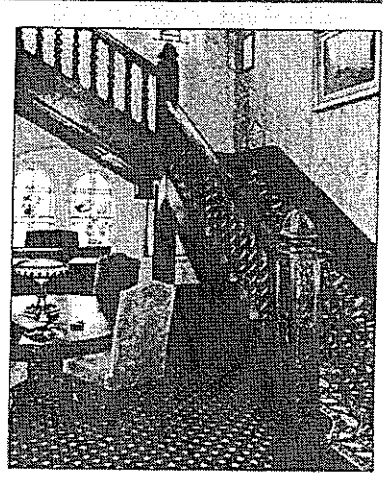
SHEET 3

## INTUMESCENT PAINT AND VARNISHES FOR WOOD ETC

**THE ONLY COATING SYSTEM FOR INTERNAL AND EXTERNAL UNTREATED WOOD OFFERING UP TO 66 MINUTES PROTECTION**







### DESCRIPTION

Envirograf® Product 42 is a range of clear and white intumescent coatings, giving protection to a range of wood and wood-derived materials. A UV protection product is available.

### USE

These coatings can be used on insulation board, MDF board, plasterboard, wood, and some wood-derived products. There is no need to strip off the existing paint or varnish, as Envirograf® adhesion primer can be used. See data sheet for full details.

### PERFORMANCE

All types of new and old doors (some over 200 years old) have been tested in accordance with BS476 Part 22 (1987), and their fire resistance was upgraded to an integrity of over 50 minutes. The HW range can also upgrade wood panelling to 30 minutes or 60 minutes fire rating, according to the type of wood and its thickness. Open joists and floorboards have achieved 60 minutes of fire protection on a loaded floor to BS476 Part 20 (1987). Timber mouldings and carcases have achieved 90 minutes of fire rating to BS476 Part 20 (1987). A range of timber types, including MDF, plywood, etc, have been tested and complied with BS476 Parts 6 and 7 (1987) Classes 0 and 1. Also tested to EN1364-1 (1999) for 66 minutes. This coating system now complies with the Classification B/S1/d0 of European Standard EN13501 Parts EN13823 (2002) single burn test (SBI) and EN11925-2 (2002) ignitability.

### ORDERING REFERENCES:

**Please refer to our new data sheet before specifying coatings.**

| | |
|---|---|
| **HWAP/WB** | **Clear adhesion primer supplied in 1 litre, 2½ litres, or 5 litres (for use over existing paint or varnish at 12m² per litre per coat)** |
| **HW01F** | **White coating supplied in 1 litre, 2½ litres, or 5 litres (for new timber or over HW primer: internal use only)** |
| **AEC** | **Acrylic Emulsion Coating (semi-gloss only, use over HW01F)** |
| **HW02E** | **Clear coating supplied in 1 litre, 2½ litres, or 5 litres (for new timber or over HW Primer: internal or external use)** |

**A range of top coats is available. Please see new data sheet for full details.**

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**Stonyhurst College**
**Fire Protection Works**

# HERITAGE STATEMENT

**prepared by**

**CA PLANNING**
*chartered town planners + environmental consultants*
**7 EAST CLIFF**
**PRESTON**
**PR1 3JE**

**December 2011**

**Ref. C/3267**

## 1.0 INTRODUCTION

### 1.1 Background

1.1.1 This Heritage Statement relates to Stonyhurst College and is made in support of an application for listed building consent for the undertaking of essential fire protection works to ensure compliance with the Fire Safety Order 2005 and to satisfy English Heritage in respect of preserving heritage assets in the event of a fire.

## 2.0 HERITAGE STATUS

### 2.1 Stonyhurst College

2.1.1 Previous PPS5 studies in relation to Stonyhurst College have identified the key features which make the College an important heritage asset.

2.1.2 The College itself is designated as a Grade I listed building and therefore constitutes one of the most important heritage assets in the country. There are also a number of Grade II listed buildings within the estate but these are not effected by the proposals which are the subject of this application.

2.1.3 As set out in the listing Stonyhurst College is a Public school, of the late 16th Century and later, built of an ashlar sandstone. It was taken over by the Jesuits to run as a Catholic School.

2.1.4 Also according to the listing description, the Main Front includes the gatehouse and southern half of the facade which were begun in 1592 by Sir Richard Shireburn. The gatehouse is of 4 storeys with mullioned and transomed windows and has an entrance with moulded semi-circular arch. Each storey is flanked by paired columns, each of which are of a different classical order. It is surmounted by an embattled parapet, with twin cupolas which were added in 1712.

2.1.5 To the south of the gatehouse the facade has mullioned windows, with mullioned and transomed windows on the 1st floor. At the southern end is the 'Blind Tower' which now has 2 mullioned windows on both the 1st and 2nd floors and with a window of cusped intersecting tracery, dating from c.1300, which was taken from Bailey Hall Chapel. The facade is balanced by a wing of 1843-56 with a north tower having a 1st floor oriel window.

2.1.6 The south wall of the Main Court has a canted bay window with angle shafts and a doorway of c.1700 with a large broken pediment on corbels. The hall range, on the east side, has a 3-storey bay window at its southern end and, opposite the gateway, a broad hood mould with angel stops, which are said to have come from Whalley Abbey. The east range was extended and the court enclosed in 1843-56.

2.1.7 The Kitchen Court has a 4-bay range on the north side which has gables with copings and ball finials, and mullioned windows with cyma-moulded hoods. In the west bay is a wide carriage entrance with segmental head. The door, in the 3rd bay, has '1699' incised on the lintel. At the north end of the east side of the court is a range with C17th window details, which was reconstructed in the early C20th.

2.1.8 The South Front was begun in 1877 to designs by Dunn and Hansom in an English Renaissance style. The 15-bay centre has projecting wings which frame a courtyard, whilst the central 5 bays have an arcade on the ground floor, with corner turrets and cupolas. To the north of this are many ancillary buildings.

2.1.8 The Shirk building lies at the south end of the west front, was built c.1800 and is the only remaining one of the buildings erected by the Jesuits immediately after their arrival. The Shirk building is of 3 storeys. The north wall has a tripartite sash with glazing bars on each floor, the upper 2 being linked by a transom, forming a tall venetian window. This motif is repeated in bays 2 and 7 of the 8-bay south facade, whose central 2 bays project with a pediment.

2.1.9 In respect of the interiors of the buildings, the listing notes that the Old Refectory, on the 1st floor at the east side of the main court has a minstrels' gallery constructed in 1857 from timber taken from demolished parts of the house. It also has a Latin inscription and date 'MCCCCCXXIII'. The Bayley Room, which was previously the Chapel, and is located at the south end of the west front, has 2 blocked windows with tracery of late C16th date. The Boys' chapel, on the west side of the courtyard of the south front, was completed in the 1890s and has elaborate carved woodwork and an open timber roof.

2.1.10 The Infirmary was built in 1844 and consists of 2 storeys with cellars entered at the west end and with an M-roof running east-west. The South front has 7 bays with a central doorway, Cross windows on the ground floor, and 2-light mullioned windows on the 1st floor. The door has a moulded surround with 4-centred head and castellated top.

2.1.11 The Church of St. Peter 1832-5, by Scoles, has the altar at the north end. The Church comprises an undivided nave and chancel with clearstorey, east and west aisle with the

north aisle bay projecting as a transept, and a low cloister at the north end linking the Church with the Shirk building. The 4 octagonal corner turrets have openwork tops and crocketed domed caps. The south wall has 3 moulded doorways with 4-centred heads. The interior has arcades with clustered piers, 4-centred arches and stencilled decoration, and a low-pitched painted timber roof. Some of the glass, of various saints, is dated 1844, some is later C19th. Set into the aisle walls are the stages of the Cross, cast in relief. More recently, the Church has been refurbished in 2011.

2.1.12 Since Stonyhurst College was listed, there have been a number of additions to the existing buildings. Some of these are referred to in the Statement prepared by Peter De Figueiredo in March 2011 and are referred to below.

2.1.13 Behind the Infirmary building can be seen part of the western elevation of the New Wing of 1959. To the north of the Infirmary is the recently completed Weld House. Built of sympathetic stone, and with a series of roof dormers, the building has a resonance with the Gallic beginnings of Stonyhurst as a Jesuit seminary, but as a modern building does not yet have the historical importance of the remainder of the site Adjacent to Weld House is the new Refectory building which is also designed in a sympathetic style.

2.1.14 In summary, as a Grade I listed building, Stonyhurst College is of significant historical interest and contains many features of outstanding historical importance.

References: Stonyhurst College, New Dining Hall, PPS5 Statement March 2011
Peter De Figueiredo, Historic Buildings Adviser

Listing Description English Heritage Building ID: 182903
English Heritage

## 3.0 PPS5 REQUIREMENTS

3.1 Planning Policy Statement 5: Planning and the Historic Environment (PPS5) states that when considering applications for development that affect the setting of a heritage asset, local planning authorities should treat applications that preserve those elements of the setting that make a positive contribution to or better reveal the significance of the asset favourably. The policy document emphasises that when considering applications that do not do this, local planning authorities should weigh any such harm against the wider benefits of the application.

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3.2 PPS5 advices that Local Planning Authorities should assess whether the benefits of an application for enabling development to secure the future conservation of a heritage asset outweigh the benefits of departing from the development plan or from national policies, taking into account whether:

- It will materially harm the significance of the heritage asset or its setting.
- It will avoid detrimental fragmentation of management of the heritage asset.
- It will secure the long term future of the heritage asset and, where applicable, its continued use for a purpose sympathetic to its conversion.
- It is necessary to resolve problems arising from the inherent needs of the heritage asset, rather than circumstances of the present owner, or the purchase price paid.
- There is a source of funding that might support the heritage asset without the need for enabling development
- The level of development is the minimum necessary to secure the future conservation of the heritage asset and of a design and type that minimises harm to other public interest.

3.3 In considering the impact of a proposal on any heritage asset, local planning authorities should take into account the particular nature of the heritage asset and the value that it holds for this and future generations.

## 4.0 IMPACT OF DEVELOPMENT

### 4.1 Direct Works to Building

4.1.1 The proposed works consist of the following, which will be undertaken in two phases:

***Phase 1***

- The provision of an updated fire alarm system;
- The provision of smoke and heat detection and sounders;
- The provision of hose reels and fire hydrants;
- The provision of new fire alarm devices.

***Phase 2***

- The upgrading of doors, on primary and secondary means of escape including bedroom areas to minimum 30 minutes fire resistance and the fitting of intumescent strips, smoke seals and self closers as directed by the Fire Officer;

- The provision of fire resisting doors to all major risk rooms (eg kitchens, laundry rooms, boiler rooms, science labs etc) and to staircase enclosures;

## 4.2 Justification for the Proposed Works

4.2.1 The Fire Authority require an upgrade of the fire protection measures of Stonyhurst College to ensure full compliance with the Fire Safety Order 2005. It has been agreed that this will be phased over a two year period.

4.2.2 The nature and scope of the proposed works are as a result of discussions between with Aegis Services Ltd who prepared the Fire Risk Assessments and JRB Environmental Design Ltd who have designed the fire protection measures in discussion with Lancashire Fire and Rescue Service.

4.2.3 The College is now working closely with the Fire and Rescue Service to proceed with the essential works as a matter of great urgency.

4.2.4 The College already contains a number of electrical fittings which respond correctly to means of escape and fire protection. However, there is now a need to upgrade these facilities and add to the existing equipment in order to achieve full compliance. The proposed fittings are already appropriate to an historic environment, but reflect the legal requirements of fire prevention.

4.2.5 In addition to the electrical fittings, it is also necessary to upgrade existing doors located on both primary and secondary escape routes in order to comply with current Building Regulation Standards. In order to reduce the impact upon the historic fabric, and avoid the wholesale removal and replacement of historic doors, the following options are proposed, with replacement as a last resort:

a) Provide plant on intumescent and smoke seals to the existing frames with either:

   i) An Envirograf Product group 97 intumescent door stop for both fire and smoke penetration (sheet 1).
   ii) An Envirograf Product group 78 Envirostrip fire seal giving 30 minutes F/R (sheet 2).

b) Apply a single coat of Envirograf product group 42 intumescent varnish (sheet 3).

c) Repair with matching materials, split/damaged panels to panel doors re-using existing plants or made to match plants as required.

d) Replace non fire resistant glazing with new Pyroglas (clear) or Georgian wired glass dependant on location of door.

e) Upgrade, or replace ironmongery to suit door type and location, including o/h door closers.

f) Adjust existing doors to form a regular seal to all edges.

g) Provide adequate signage on doors fit for purpose and use.

h) Replace the whole door including new ironmongery again, fit for purpose in both use and location of the door.

**4.3 Impact upon Listed Building**

4.3.1 The impact upon the listed building will consist of the fitting of a number of smoke detection devices, an upgraded alarm system, additional hose reels and fire hydrants and works to/or provision of fire resisting doors.

4.3.2 In respect of the key features of importance the impact will be a combination of minor visual and minor intrusive works.

4.3.3 Dealing first with the visual impacts, all of the works will be internal and there will be no direct impacts upon the key public or private views of the College buildings.

4.3.4 Internally, the new fixtures and fittings will be visible from the immediate area but again will not impact upon the key internal vistas of the buildings.

4.3.5 The works required to fit the new equipment will be the minimum necessary that will enable the cabling and other features to be hidden away from public view as far as possible. All works will be undertaken by specialist contractors in order to ensure that the impacts upon the historic fabric are minimised.

4.3.6 In respect of the smoke/fire detectors, these will all be self contained radio controlled units which will alleviate the need for individual wiring throughout the school.

4.3.7 Additional emergency lighting will be installed in the corridors within the College using existing fittings and circuits where possible. New wiring will be contained within existing features on the corridor ceilings where feasible.

4.3.8 The proposed locations of all of the smoke/fire detection equipment are set out on the drawings submitted alongside this listed building consent application.

### 4.4 Statement of Significance

4.4.1 English Heritage have explicitly stated that heritage assets should be protected from fire and other damage as far as possible. It is therefore essential that Stonyhurst College has a modern fire detection system in place to ensure that the risk of fire damage to both staff and pupils, and the historic fabric of the building is minimised.

4.4.2 Although the system will provide comprehensive coverage of the College, the scale of works is the minimum required after extensive negotiations with the Fire Officer.

4.4.3 It is clear that it is imperative that a modern smoke/fire detection and prevention system is installed in the College. However, given the scale of the proposed works, it is considered that there will not be any significant detrimental impact upon the important heritage features at Stonyhurst College.

## 5.0 CONCLUSION

5.1 This statement has addressed the legislative requirements of PPS5. It has considered the features that make Stonyhurst College a heritage asset of national importance and demonstrated that the essential fire protection works will have no adverse impact upon its character.

5.2 Accordingly, the proposals conform to the requirements of PPS5 and it is therefore considered that listed building consent should be granted.

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# Appendix CAP1
# Listing Description

SD 63 NE AIGHTON, BAILEY & STONYHURST
CHAIGLEY

8/16 Stonyhurst College
29.12.52
GV I

Public school, late C16th and later, sandstone ashlar.

Main (west) Front

The gatehouse and southern half of the facade were begun in 1592 by Sir Richard Shireburn. The gatehouse is of 4 storeys with mullioned and transomed windows and an entrance with moulded semi-circular arch. Each storey is flanked by paired columns, each with a different classical order. It is surmounted by an embattled parapet, and twin cupolas added in 1712. To the south of the gatehouse the facade has mullioned windows, with mullioned and transomed windows on the 1st floor. At the southern end is the 'Blind Tower' now with 2 mullioned windows on both 1st and 2nd floors and with a window of cusped intersecting tracery, c.1300, taken from Bailey Hall Chapel (q.v.). The facade is balanced by a wing of 1843-56 with a north tower having a 1st floor oriel window,

The Main Court

The south wall has a canted bay window with angle shafts and a doorway of c.1700 with large broken pediment on corbels. The hall range, on the east side, has a 3-storey bay window at its southern end and, opposite the gateway, a broad hood mould with angel stops, said to have come from Whalley Abbey. The east range was extended and the court enclosed in 1843-56.

The Kitchen Court

On the north side is a 4-bay range having gables with copings and ball finials, and mullioned windows with cyma-moulded hoods. In the west bay is a wide carriage entrance with segmental head. The door, in the 3rd bay, has '1699' incised on the lintel. At the north end of the east side of the court is a range with C17th window details, reconstructed in the early C20th.

South Front

Begun in 1877 to designs by Dunn and Hansom in an English Renaissance style. The 15-bay centre has projecting wings framing a courtyard. The central 5 bays have an arcade on the ground floor, with corner turrets and cupolas. To the north are many ancillary buildings not included in the item.

Shirk

At the south end of the west front, c.1800 and the only remaining one of

the buildings erected by the Jesuits immediately after their arrival. 3 storeys. The north wall has a tripartite sash with glazing bars on each floor, the upper 2 being linked by a transom, forming a tall venetian window. This motif is repeated in bays 2 and 7 of the 8-bay south facade, whose central 2 bays project with a pediment.

Interiors

The Old Refectory, on the 1st floor at the east side of the main court has a minstrels' gallery constructed in 1857 from timber taken from demolished parts of the house, with latin inscription and date 'MCCCCCXXIII'. The Bayley Room, previously the Chapel, at the south end of the west front, has 2 blocked windows with tracery of late C16th date. The boys' chapel, on the west side of the courtyard of the south front, was completed in the 1890s and has elaborate carved woodwork and an open timber roof.

Infirmary

Built in 1844. 2 storeys with cellars entered at the west end and with an M-roof running east-west. South front of 7 bays with central doorway, Cross windows on the ground floor, and 2-light mullioned windows on the 1st floor. The door has a moulded surround with 4-centred head and castellated top.

Church of St. Peter

1832-5, by Scoles, with the altar at the north. Comprises an undivided nave and chancel with clearstorey, east and west aisle with the north aisle bay projecting as a transept, and a low cloister at the north end linking the Church with Shirk. The 4 octagonal corner turrets have openwork tops and crocketed domed caps. The south wall has 3 moulded doorways with 4-centred heads. The interior has arcades with clustered piers, 4-centred arches and stencilled decoration, and a low-pitched painted timber roof. Some of the glass, of various saints, is dated 1844, some is later C19th. Set into the aisle walls are the stages of the Cross, cast in relief.

Listing NGR: SD6908339060

3201110 47 P

C+A
CASSIDY + ASHTON
ARCHITECTS BUILDING SURVEYORS PLANNERS DESIGNERS

**CLITHEROE: STONYHURST COLLEGE** **7975**
**ESSENTIAL FIRE PROTECTION WORKS**

**SUPPORTING INFORMATION STATEMENT AND**
**DESIGN AND ACCESS STATEMENT**

The following points are expanded on in the accompanying heritage statement.

**Project Explanation**

Stonyhurst College is a Grade I Listed Building with other Grade II Listed Buildings. The Gatehouse and the Southern half of the façade were begun in 1592 by Sir Richard Shireburn; many other buildings have been constructed to create this important Independent College.

This Application arises from the urgent need to carry out essential fire protection works within the whole of the College buildings in order to ensure compliance with the Fire Safety Order 2005. In particular:

- The provision of an updated fire alarm system;
- The upgrading of doors, on primary and secondary means of escape including bedroom areas to minimum 30 minutes fire resistance and the fitting of intumescent strips, smoke seals and self closers as directed by the Fire Officer;
- The provision of fire resisting doors to all major risk rooms (eg kitchens, laundry rooms, boiler rooms, science labs etc) and to staircase enclosures;
- The provision of smoke and heat detection and sounders;
- The provision of hose reels and fire hydrants;
- The provision of new fire alarm devices.

These works are necessary in order to comply with the Fire Safety Order 2005 and also to respond to the English Heritage Initiative to preserve historic fabric in the event of fire.

**Project Justification**

Over the years there has been considerable discussion held with the Fire Safety Officers in order to establish on going fire safety compliance and also to upgrade specific areas during refurbishment.

However, the costs associated with this work are quite considerable and in recent discussions with the Fire Authority it has been agreed to carry out a phased upgrade of the fire protection measures over a 2 year period to ensure full compliance with the Fire Safety Order 2005.

Considerable discussions have been held with Aegis Services Ltd who prepared the Fire Risk Assessments and JRB Environmental Design Ltd who have designed the fire protection measures in discussion with Lancashire Fire and Rescue Service.

The College have considered the recommendations and are working closely with the Fire and Rescue Service to proceed with the essential works as a matter of great urgency.

The College already contains a number of electrical fittings which respond correctly to means of escape and fire protection. However, there is now a need to upgrade these facilities and add to the existing equipment in order to achieve full compliance. The proposed fittings are already appropriate to an historic environment, but obviously reflect the modern requirements associated with fire prevention.

The enclosed drawings illustrate the proposals.

In addition it will also be necessary to upgrade existing doors located on both primary and secondary escape routes in order to comply with current Building Regulation Standards. We are anxious to mitigate the impact of works to historic doors and we have held a number of discussions with the Fire Officer to increase fire detection provision in lieu of removal and replacement of historic glass in doors. This is seen as a positive step, but the doors will need to be adapted with various types of work selected from the following list following further on site discussion with the Fire Officer:

a) Provide plant on intumescent and smoke seals to the existing frames with either:

   i) An Envirograf Product group 97 intumescent door stop for both fire and smoke penetration (sheet 1).
   ii) An Envirograf Product group 78 Envirostrip fire seal giving 30 minutes F/R (sheet 2).

b) Apply a single coat of Envirograf product group 42 intumescent varnish (sheet 3).

c) Repair with matching materials, split/damaged panels to panel doors re-using existing plants or made to match plants as required.

d) Replace non fire resistant glazing with new Pyroglas (clear) or Georgian wired glass dependant on location of door.

e) Upgrade, or replace ironmongery to suit door type and location, including o/h door closers.

f) Adjust existing doors to form a regular seal to all edges.

g) Provide adequate signage on doors fit for purpose and use.

h) Replace the whole door including new ironmongery again, fit for purpose in both use and location of the door.

The Schedule of Works will identify the specific requirements for each door.

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**Implementation**

The works are to be carried out over a 2 year period on a phased basis addressing high risk areas in the first instance.

The project will be carried out by the in house Maintenance Department.

**Statement of Significance**

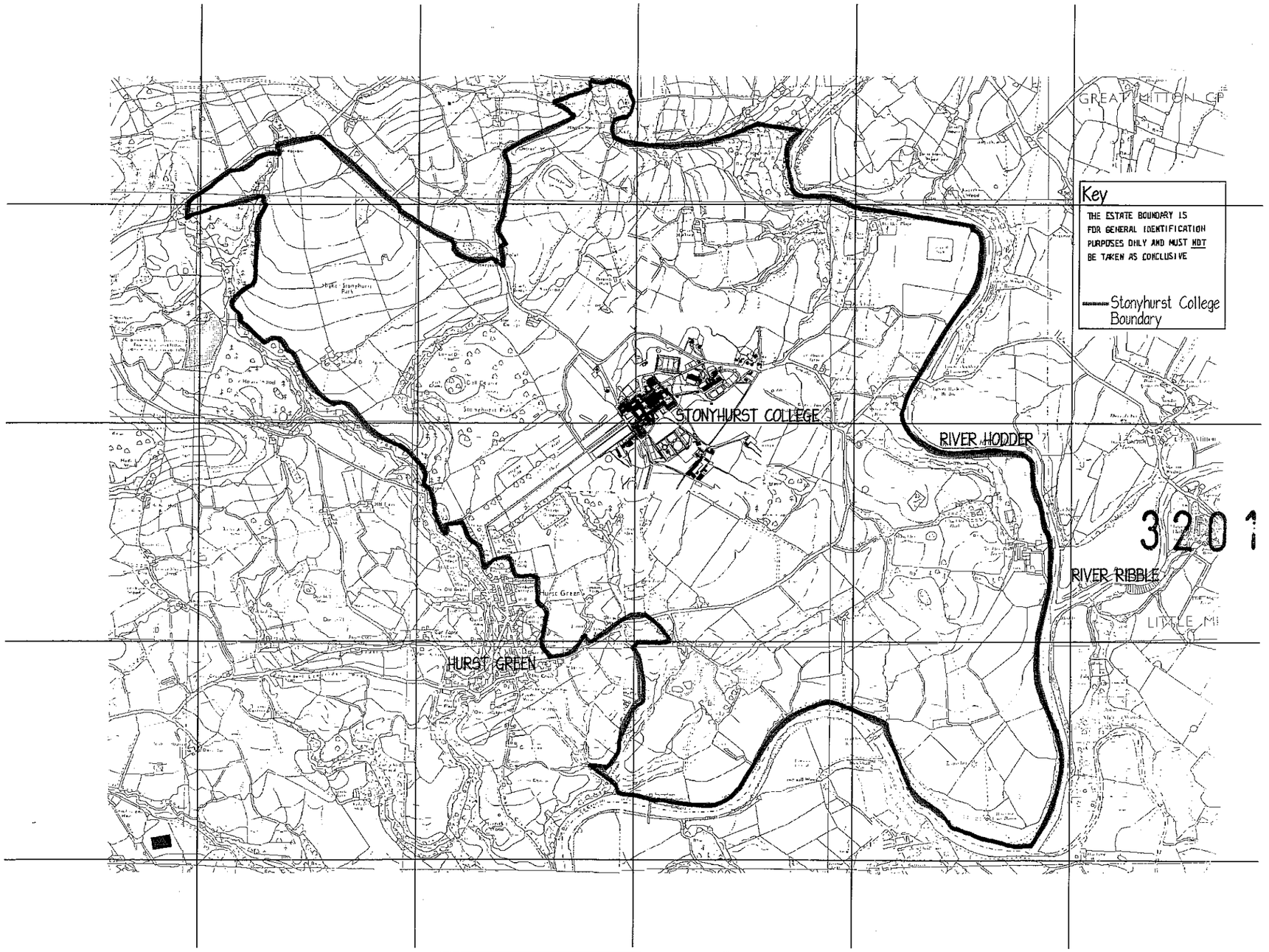
The works collectively will not be significantly detrimental to the College and the necessary works are considered to be 'minimal' and should not significantly alter the visual appearance of the spaces.

The works are essential to protect the legacy of these historic buildings and to safeguard those who use these important buildings.

The proposals balance Fire Legislation requirements against the protection of the historic fabric.

**Supporting Documentation**

- Drawing 4519 - LP3 Location Plan
- Drawing 010.025.FA7C Basement floor level
- Drawing 010.025.FA8C Ground floor level
- Drawing 010.025.FA9C First floor level
- Drawing 010.025.FA10D Intermediate floor plans
- Drawing 010.025.FA11D Second floor level
- Drawing 010.025.FA12C Mezzanine second floor
- Drawing 010.012.BATT.E1 - Basement Floor level
- Drawing 010.012.BATT.E2 - Ground Floor level
- Drawing 010.012.BATT.E3 - First Floor level
- Drawing 010.012.BATT.E4 - Intermediate Floor level
- Drawing 010.012.BATT.E5 - Second Floor level
- Drawing 010.012.BATT.E6 - Mezzanine Floor level
- SHEET 1 – Envirograf product information
- SHEET 2 – Envirograf product information
- SHEET 3 – Envirograf product information




3201111047P

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:

| Rev. | | Initials | Date |
|---|---|---|---|
| A. | UPDATED 03.07.2007 | IR | 03.07.07 |

Project: STONYHURST COLLEGE, CLITHEROE

Client: SCHOOL GOVERNORS

Dwg Title: **BOUNDARY LOCATION PLAN**

Drawn: IR

Date: 03.07.2007

Scale@A3: 1:20,000

Dwg No.: 4519 **LP3**

Rev.

CASSIDY + ASHTON
Architects Building Surveyors Planners Designers
www.cassidyashton.co.uk caabs@cassidyashton.co.uk
7 East Cliff, Preston, Lancashire, PR1 3JE, Tel: 01772 258356, Fax: 01772 825000
1 Regency Chambers, Jubilee way Bury, Greater Manchester, BL9 0JW, Tel: 0161 762 5800, Fax: 0161 762 5801
Cheshire House, Gorsey Lane, Widnes, WA8 0RP, Tel: 0151 4236914, Fax: 0151 4236915
CHA

# STONYHURST COLLEGE

Ground floor

DRIVE TO LAKES

Weld House Ground Floor

Old Infirmary

Day Boys Study Area

Lawn

Main Entrance
West Front

Old Quadrangle

Shireburn Quad

COURTYARD
Roof To Carpark Below

AREA TO BE REFURBISHED
New Wing

AREA TO BE REFURBISHED

AREA TO BE REFURBISHED

New maintenance directors office

MANAGEMENT CABIN

CABIN

CABIN

Shop

Health Centre

Sub-Station

POSITION UNKNOWN
Boiler House

Fire Escape

CDT WORKSHOP

Kiln

Store

Shooting Range

Classroom

Changing Room

Exterior Passageway

Calorifier

Ladies

Laundry

CNC PLASTICS

Ambulacrum

Emmaus Centre

Museum

Pieta Gallery

Grisg Folley

Art Store

Art Class

Art Dept

Armoury

Display Store

Exterior Courtyard

Study Area
*Mezzanine Above*

Mezzanine Floor Above Study Area

Geology

Maths

Maths

Dark Room

Prep Room

Chemistry Dept

GINO FAVARETTO SCIENCE BLOCK

Car Park

REAR ENTRANCE FROM ST MARYS

Swimming Pool

Workshop

Maintenance Block

Shrunk Building

Bayley room

AV Room

Office

Office

Lobby

IT Shop

Deputy Head Pastoral

Accounts

Sports Office

Common Room

Secretary

Secretary

Dir of Studies

Dir of Admissions

Reception
Main Reception

Classroom

Classroom

Economics Classroom

Store

Store

Exterior Courtyard
Grass Courtyard

Sacristy Area

St Peter Church

St Peters Church

West Wing

CHANGING AREA

CHANGES

BCD

BED

KITCHEN

OFFICE

GAMES ROOM

TV ROOM

West Wing

GRASS

LOW STONE WALL

Playing Fields

TARMAC

South Front

STATUE

CAR PARK

CAR PARK

GRASS

LOW STONE WALL

STONE WALL

RTN WALL

RTN WALL

Lower Grammar Playroom

Grammar Playroom

Ladies WC

Female WC

Male WC

DRAINAGE CHANNEL

East Wing

GRASS

RTN WALL

GRASS

TARMAC

GRASS

FENCE

FLAGS

GRASS

GRASS

GRASS

METAL POST AND MESH FENCE

CABIN

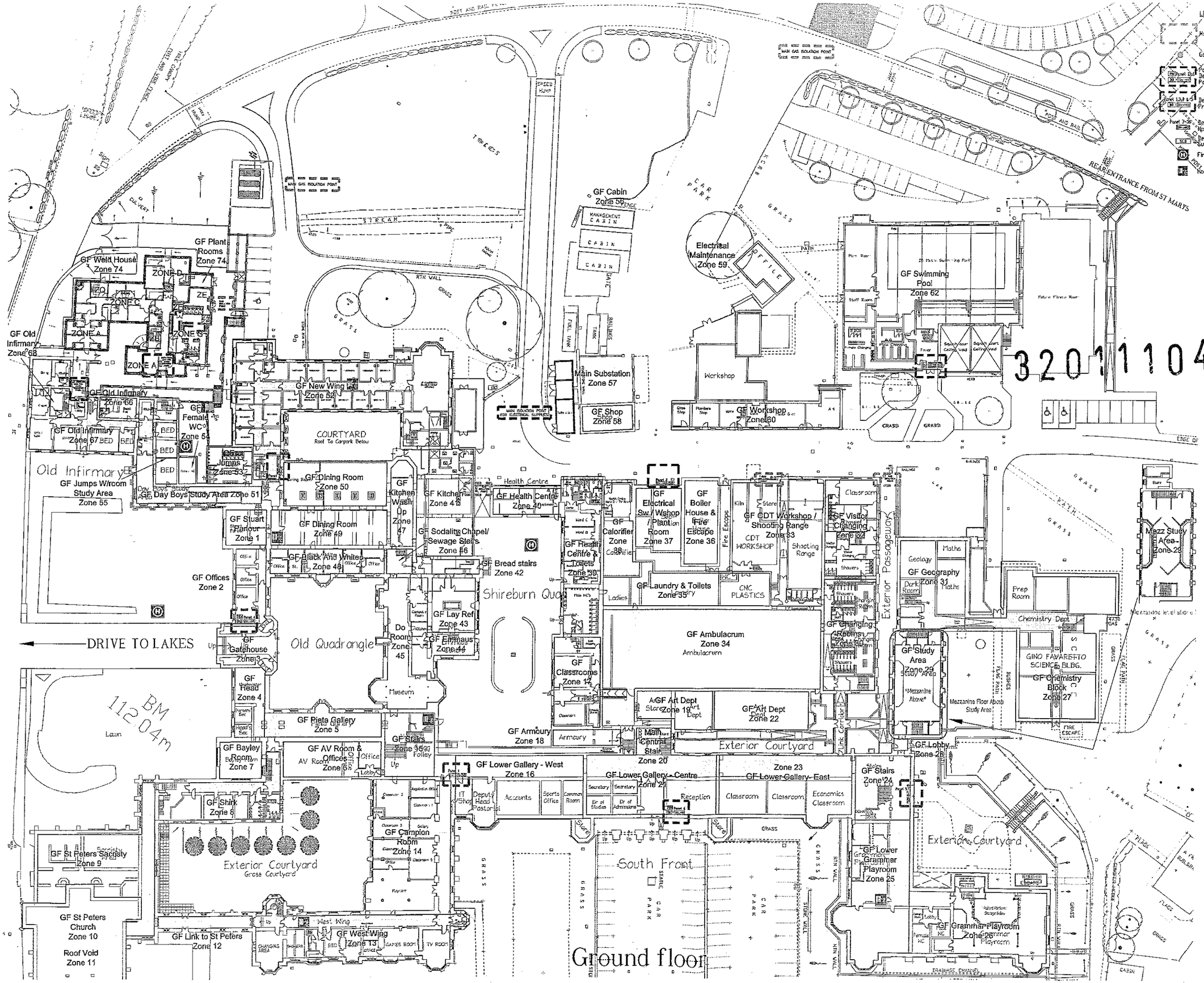
CABIN

FLAGS

GRASS

GRASS

GRAS


LEGEND
Main gas isolation points
Gas isolation points
Panel 2 - Adjacent to boiler house / maintenance block
Denotes alarm indicator panels with visual display.
Panel 6 - Main communication at main reception (south fronts)
Denotes Sub-Main Alarm Indicator Panel
Provided with local 230V supply.
Denotes Radio Repeater Panel
Non-Indicator
Denotes Sounder Circuit Booster
Supplied by local 230V single phase supply.
Fire hydrant
Hose reel location
REAR ENTRANCE FROM ST MARYS
GF Cabin Zone 56
Electrical Maintenance Zone 59
GF Swimming Pool Zone 62
GF Plant Rooms Zone 74
GF Weld House Zone 74
GF Old Infirmary Zone 68
GF Old Infirmary Zone 66
GF Old Infirmary Zone 67
GF Female WC Zone 64
GF Jumps Zone 53
Old Infirmary
GF Jumps W/room Study Area Zone 55
GF Day Boys Study Area Zone 51
Main Substation Zone 57
GF Shop Zone 58
Workshop
GF Workshop Zone 60
GF New Wing Zone 52
COURTYARD
Roof To Carpark Below
GF Dining Room Zone 50
GF Kitchen Wash Up Zone 47
GF Kitchen Zone 48
GF Health Centre Zone 40
GF Dining Room Zone 49
GF Stuart Parlour Zone 1
GF Sodality Chapel/ Sewage Stairs Zone 46
GF Black And Whites Zone 48
GF Bread stairs Zone 42
GF Offices Zone 2
GF Health Centre & Toilets Zone 39
GF Calorifier Zone 38
GF Electrical Sw / Wshop / Plantroom Zone 37
GF Boiler House & Fire Escape Zone 36
GF CDT Workshop / Shooting Range Zone 33
GF Visitor Changing Zone 32
GF Laundry & Toilets Zone 35
GF Lay Ref Zone 43
GF Emmaus Zone 44
Do Room Zone 45
Shireburn Quad
Old Quadrangle
DRIVE TO LAKES
GF Gatehouse Zone 3
GF Ambulacrum Zone 34
Ambulacrum
GF Classrooms Zone 17
GF Geography Zone 31
Mezz Study Area Zone 28
Chemistry Dept
GF Study Area Zone 29
GINO FAVARETTO SCIENCE BLDG.
GF Chemistry Block Zone 27
GF Changing Rooms Zone 30
Exterior Passageway
GF Art Dept Zone 19
GF Art Dept Zone 22
GF Armoury Zone 18
GF Pieta Gallery Zone 5
GF Bayley Room Zone 7
GF AV Room & Offices Zone 6
GF Stairs Zone 16&21
Main Central Stair Zone 20
Exterior Courtyard
GF Lobby Zone 26
GF Lower Gallery - West Zone 16
GF Lower Gallery - Centre Zone 21
GF Lower Gallery - East Zone 23
GF Stairs Zone 24
GF Shirk Zone 8
GF Campion Room Zone 14
GF St Peters Sacristy Zone 9
Exterior Courtyard
Grass Courtyard
GF Lower Grammar Playroom Zone 25
GF Grammar Playroom Zone 61
GF St Peters Church Zone 10
Roof Void Zone 11
GF Link to St Peters Zone 12
GF West Wing Zone 13
South Front
Ground floor
BM 112.04m
Lawn
Museum
Health Centre
Accounts
Reception
Classroom
Economics Classroom
Deputy Head Pastoral
Sports Office
Common Room
Dir of Studies
Dir of Admissions
IT Shop
Staff Room
Plant Room
Future Fitness Room
Changing Rooms
Foyer
Squash Court Ceiling Void
Prep Room
Maths
Geology
Dark Room
Shooting Range
CNC PLASTICS
Kiln
Store
Lecture Theatre
Mezzanine Floor Above Study Area
Mezzanine Above
Fire Escape
Fire Corridor
Line Corridor
Gas Pipe Line
Water Pipe Line
Drainage Channel
Culvert
Stream
Retaining Wall
Fuel Tank
Tank
Railings
Fence
Hedge
Car Park
Grass
Path
Flags
Tarmac
Edge of Building
Cabin
Management Cabin
Cabin
Cabin
Office
Sign
Speed Hump
Main Gas Isolation Point
Main Isolation Point for Electrical Supplies
Gas Pipe Line
Water Pipe Line
Post
Bed
Bed
Bed

Sixth Form House

New Wing

New Wing Basement
Zone 52

Old Infirmary
Basement
Zone 65

Old Infirmary
Basement
Zone 63

Old Infirmary Basement
Zone 64

Old Infirmary

Old
Quadrangle

Shireburn
Quad

Ambulacrum

Maintenance
Office

SHOP

NEEDLEWORK/GYM

Swimming pool

Swimming Pool
Basement
Zone 61

GINO FAVARETTO
SCIENCE BLDG

Cellar unchecked

Shirk

Exterior Courtyard

St. Peter's
Church

West Wing

South Front

Basement
Stairs
Zone 24

Exterior Courtyard

Music
Basement
Zone 25

Music Basement

Music Basement
Zone 26

East Wing

LEGEND

- Panel 2 - Adjacent to boiler house / maintenance block
  Denotes alarm indicator panels with visual display.
  Panel 6 - Main communication at main reception (South fronts)
- Denotes Sub-Main Alarm Indicator Panel
  Provided with local 230V supply.
- Denotes Radio Repeater Panel
  Non-Indicator
- Denotes Sounder Circuit Booster
  Supplied by local 230V single phase supply.
- Fire hydrant
- Hose reel location

320111047P

STONYHURST

COLLEGE

APPROVED

A AUG 2010 APPROVED BY FIRE OFFICER CARAS 09.08.10

| Rev | Date | Amendment |
|---|---|---|
| - | APR 2010 | FOR APPROVAL |
| Drwn | LB | Date: JUNE'10 |
| Chkd | BH | Date: JUNE'10 |

Scale: NTS@A0

Project Title
STONYHURST COLLEGE CLITHEROE

Drawing Title
BASEMENT FLOOR LEVEL
FIRE ALARM ZONE PLAN

JRB
ENVIRONMENTAL DESIGN LTD
M&E BUILDING SERVICES CONSULTING ENGINEERS

Dwg. No.

Rev.

Basement

LEGEND

Panel 2 – Adjacent to boiler house / maintenance block
Denotes alarm indicator panels with visual display.
Panel 6 – Main communication at main reception (south fronts)

Denotes Sub-Main Alarm Indicator Panel
Provided with local 230V supply.

Denotes Radio Repeater Panel
Non-Indicator

Denotes Sounder Circuit Booster
Supplied by local 230V single phase supply.

Fire hydrant

Hose reel location

320111047P

# STONYHURST COLLEGE

FF Weld House
Zone 74

ZONE J
ZONE I
ZONE H

FF Old Infirmary
Zone 69

FF Old Infirmary
Zone 71

FF Old Infirmary
Zone 70

Old Infirmary

New Wing

FF New Wing
Zone 52

Exterior Courtyard
(Car park Underneath)

Roof

FF Square
Library
Zone 1
Library

FF Dining Room
Ceiling Space
Zone 49

FF Arundel Library
Zone 48

FF Bay
Library
Zone 2

FF
Gatehouse
Zone 3

Old Quadrangle

FF Master
Common Room
Zone 4

FF Long Room
Zone 5

FF Bayley
Room
Ceiling
Zone 7

FF Chapel Of Angels /
Classrooms Zone 6

FF Shirk
Zone 8

Shirk

Exterior Courtyard

UNCHECKED

Zone 9
Zone 9

St Peters Church
Upper

Roof

FF West Wing
Zone 44

FF
Kitchen
Loft
Store
Zone
47

FF Sodality Chapel /
Sewage Stairs
Zone 46

FF Shireburn Quad
Zone 40

FF Bread Stairs
Zone 42

Shireburn Quad

FF Great Hall
Kitchen /
Classrooms
Zone 43

Top Ref
FF Top
Refectory
Zone 45

FF Stairs
Top
Refectory
Zone 15

FF Shireburn
Quad
Zone 39

Un-Checked

FF
Cleaners
Zone 17

Classroom

Armoury
(Roof)

FF
Main
Central
Stair
Zone 20

Art
Dept
Roof

Ambulacrum
Roof

FF Classrooms
Zone 16

Classroom
Classroom
IT
Workshop

FF Moore Library
Zone 21

South Front

Roof

Roof

Roof

Roof

Roof

FF Sewing Room
/ Store
Zone 60

Old Plunge

Swimming
Pool Roof

CDT
I T

FF CDT,
IT Dept
Zone 33

FF Old Plunge
Zone 32

FF
Careers
Zone 35

CCF
Orderly

FF Old Plunge
Zone 30

Exterior Passageway

Physics Department

FF Physics
Department
Zone 31

FF
Laboratories
Zone 29

FF Biology
Department
Zone 27

Biology Department

FF Lobby
Zone 28

FF Stairs
Zone 24

FF Classrooms
Zone 23

Maths
Room

Exterior Courtyard

Mezzanine Floor Above - Bookcases

Maths
Room

FF Maths
Zone 25

Maths
Room

Maths
Room

Green
Room

Stage

FF Stage &
Academy Room
Zone 26

East Wing

APPROVED

B NOV 2010 WILD HOUSE CHANGED TO ZONE 74 & SUB ZONES SHOWN

A APR 2010 APPROVED BY FIRE OFFICER CAIRNS CB.DE. 0

| | | |
|---|---|---|
| – | APR 2010 | FOR APPROVAL |
| Rev | Date | Amendment |

Drn: LB Date: JUNE'10 Scale: NTS@A0
Chkd: BH Date: JUNE'10

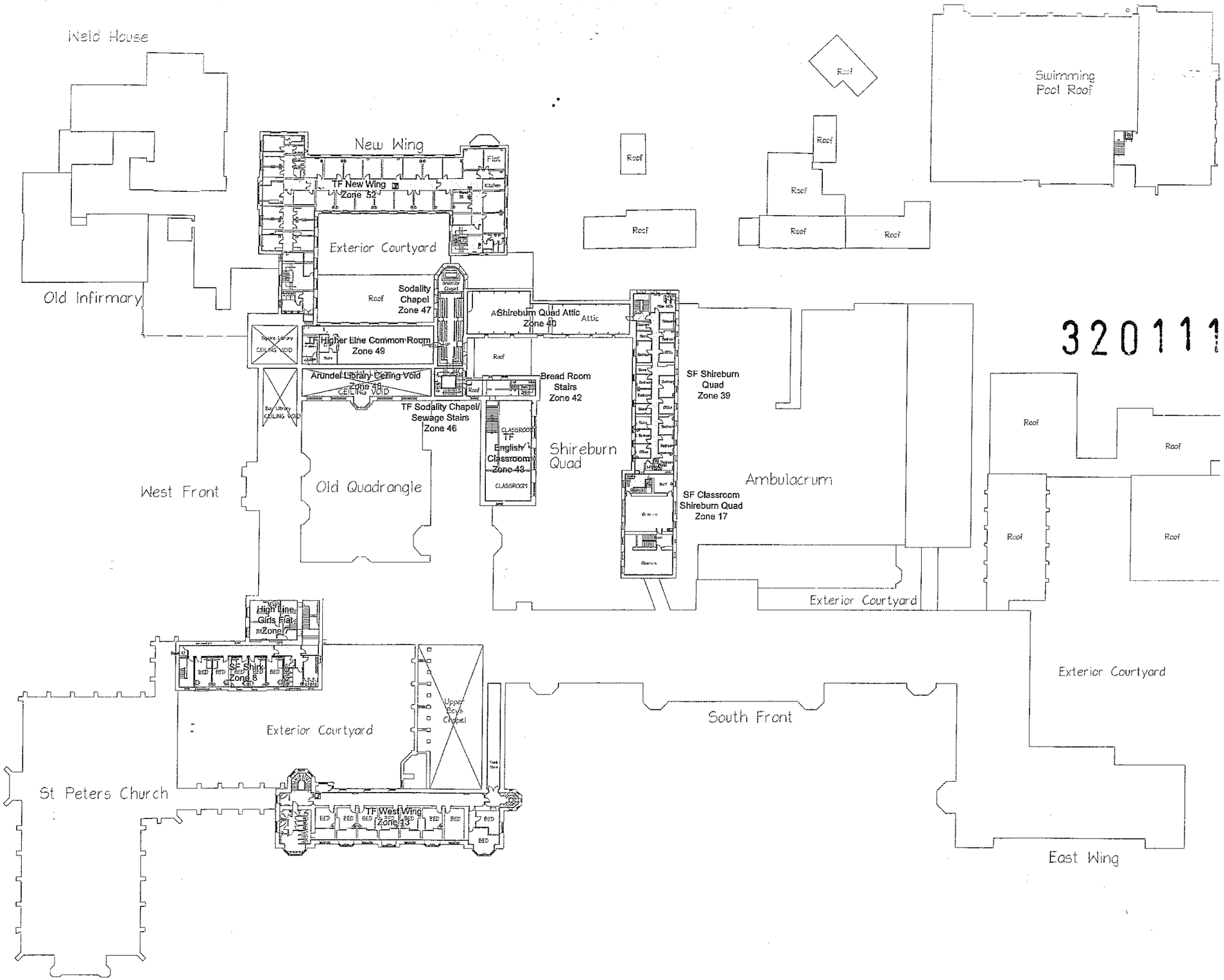
Project Title
STONYHURST COLLEGE CUTHEROE

Drawing Title
FIRST FLOOR LEVEL
FIRE ALARM ZONE PLAN


JRB
ENVIRONMENTAL DESIGN LTD
M&E BUILDING SERVICES CONSULTING ENGINEERS


Drg. No. 010.025.FA3 Rev. B

First floor




LEGEND

- Panel 2 — Adjacent to boiler house / maintenance block. Denotes alarm indicator panels with visual display. Panel 6 — Main communication at main reception (south fronts)
- Denotes Sub-Main Alarm Indicator Panel Provided with local 230V supply.
- Denotes Radio Repeater Panel Non-Indicator
- Denotes Sounder Circuit Booster Supplied by local 230V single phase supply.
- Fire hydrant
- Hose reel location

320111047P

# STONYHURST

COLLEGE

APPROVED

| Rev | Date | Amendment |
|---|---|---|
| - | APR 2010 | FOR APPROVAL |
| A | AUG 2010 | APPROVED BY FIRE OFFICER DURING SITE VISIT |

Drwn: LB | Date: JUNE'08 | Scale: NTS@A3
Chkd: EH | Date: JUNE'08

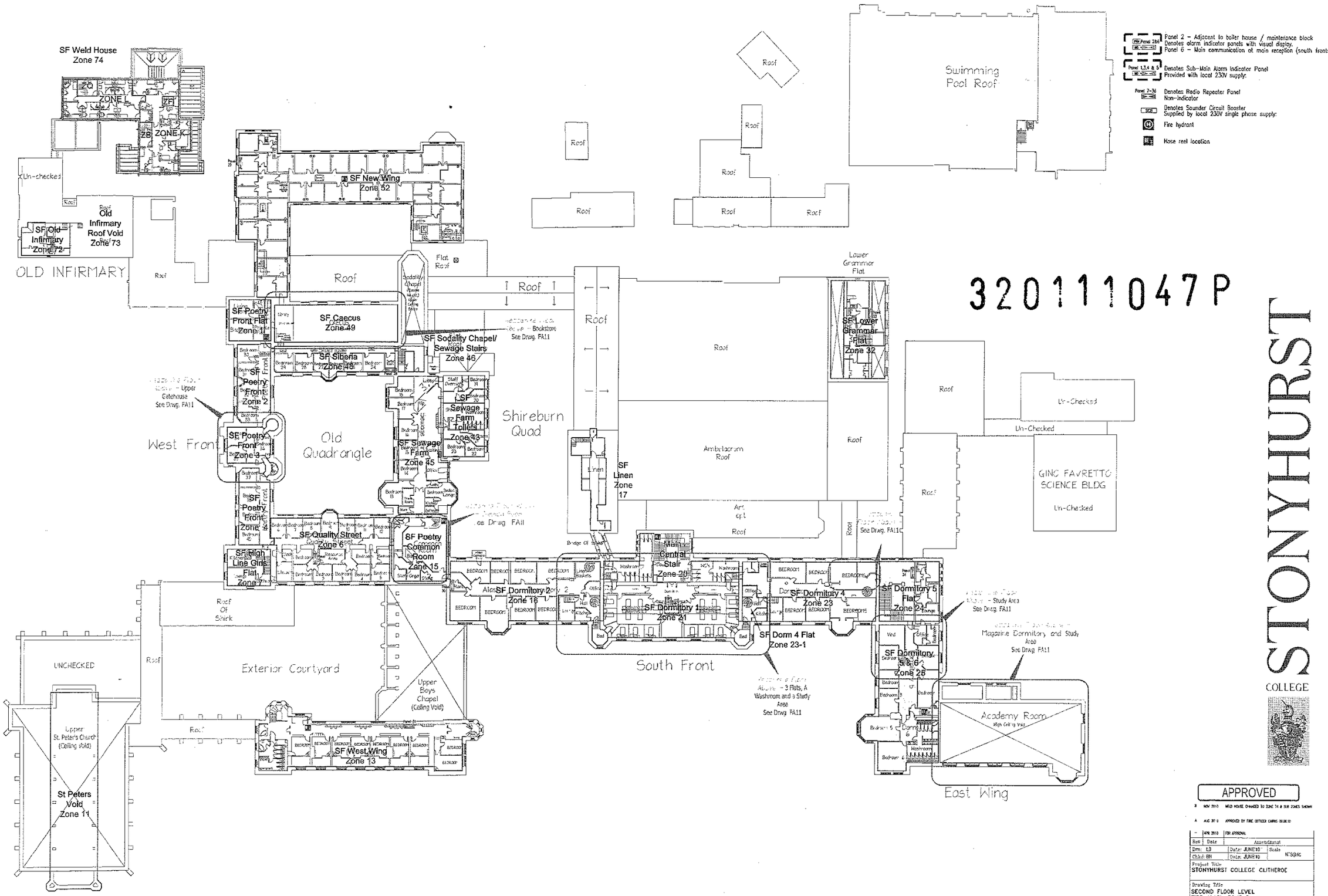
Project Title:
STONYHURST COLLEGE CLITHEROE

Drawing Title:
INTERMEDIATE FLOOR PLANS
(SECOND / THIRD FLOORS)
FIRE ALARM ZONE PLAN

JRB
ENVIRONMENTAL DESIGN LTD
BASE BUILDING SERVICES CONSULTING ENGINEERS

Dwg. No. 010.025.FA4 | Rev. A

# Intermediate Floor Plans




320111047P

STONYHURST

COLLEGE

APPROVED

| Rev | Date | Amendment |
|---|---|---|
| B | NOV 2010 | MILD HOUSE CHANGED TO ZONE 74 & SUB ZONES SHOWN |
| A | AUG 2010 | APPROVED BY FIRE OFFICER CARMS 06.08.10 |
| – | APR 2010 | FOR APPROVAL |

| | | |
|---|---|---|
| Drn. LB | Date JUNE10 | Scale N.T.S@A0 |
| Chkd. BH | Date JUNE10 | |

Project Title
STONYHURST COLLEGE CLITHEROE

Drawing Title
SECOND FLOOR LEVEL
FIRE ALARM ZONE PLAN

JRB

ENVIRONMENTAL DESIGN LTD
M&E BUILDING SERVICES CONSULTING ENGINEERS

Dwg. No. 010.025.FA5 | Rev. B

Second floor

LEGEND

- Panel 2 – Adjacent to boiler house / maintenance block. Denotes alarm indicator panels with visual display. Panel 6 – Main communication at main reception (south fronts)
- Panel 1,3,4 & 5 — Denotes Sub-Main Alarm Indicator Panel Provided with local 230V supply.
- Panel 7-36 — Denotes Radio Repeater Panel Non-Indicator
- Denotes Sounder Circuit Booster Supplied by local 230V single phase supply.
- Fire hydrant
- Hose reel location

320111047P

TF Weld House
Zone 74

Roof Void
Zone 74

RV-ZP
RV-ZO
ZONE N
ZONE M
RV-ZR
RV-ZO

New Wing

Old Infirmary

Exterior Courtyard

Sodality Chapel

Caecus Bookstore
Zone 49

Siberia Bedrooms Ceiling
Void Zone 48

Roof

Swimming Pool Roof

Shireburn Quad

Ambulacrum

GINO FAVARETTO SCIENCE BLDG

West Front

Office

Office

Old Quadrangle

Mezz West
Front Office
Zone 3

High Line
Girls
Zone 15

Dorm 4 Flat
Zone 23-1

Dormitory 2
Flat Mezz
Zone 21-1

Dormitory 4 Mezz
Zone 21

Dormitory 4 Mezz
Zone 23

Dormitory 5
& Mezz
Zone 25

Exterior Courtyard

South Front

MAGAZINE

Magazine Dorm &
Study Area
Zone 26

Shirk

Exterior Courtyard

West Wing

St. Peter's
Church

East Wing

2nd Floor mezzanine

STONYHURST

COLLEGE

APPROVED

| Rev | Date | Amendment |
|---|---|---|
| B | NOV 2010 | WELD HOUSE CHANGED TO ZONE 74 & SUB ZONES SHOWN |
| A | JUL 2010 | APPROVED BY FIRE OFFICER CHRIS GILBERT |
| - | APR 2010 | FOR APPROVAL |

| | | | |
|---|---|---|---|
| Drn: | LS | Date: JUNE10 | Scale: NTS@A3 |
| Chkd: | BH | Date: JUNE10 | |

Project Title
STONYHURST COLLEGE CLITHEROE

Drawing Title
MEZZANINE 2ND FLOOR
FIRE ALARM ZONE PLAN

JRB
ENVIRONMENTAL DESIGN LTD
M&E BUILDING SERVICES CONSULTING ENGINEERS

Drg. No. 010.025.FA6 | Rev. B

Sixth Form House

New Wing

Car Park

Maintenance Office

Swimming pool

SHOP

NEEDLEWORK/GYM

Old Infirmary System

Old Infirmary

Car Park

320111047P

Main Entrance
West Front

Old Quadrangle

Shireburn Quad

Ambulacrum

GINO FAZARDI'S SCIENCE BLDG

Cellar unchecked

Shirk

Exterior Courtyard

St Peter's Church

West Wing

South Front

Exterior Courtyard

Music Basement

Music Basement

East Wing

EMERGENCY LIGHTING REFERENCES

① COOPER LIGHTING BRITEWAY WITH 2 X 1W LED

② COOPER LIGHTING SAFE EDGE WITH 3W LED STRIP

③ COOPER LIGHTING ROYALUX 2 WITH 3W LED STRIP

④ THORLUX LIGHTING COBALT IP66 HOOD & GRILL

⑤ COOPER LIGHTING METROLITE WITH 12V, 12W TUNGSTEN HALOGEN LAMP

⑥ COOPER LIGHTING NEW SAFE 8 WITH 8W T5 FLUORESCENT

EMERGENCY LIGHTING LEGEND

- EXISTING 110V RECTANGLE BULKHEAD EMERGENCY LIGHTING
- EXISTING 110V PIGMEY EMERGENCY LIGHTING (COMPLETE FITTING)
- EXISTING 110V PIGMEY EMERGENCY LIGHTING (PIGMY BAYONET)
- EXISTING 110V SQUARE BULKHEAD EMERGENCY LIGHTING
- NEW TWIN SPOT EMERGENCY LIGHT AS PER RISK ASSESSMENT
- NEW WALL MOUNTED EMERGENCY LIGHT AS PER RISK ASSESSMENT
- NEW CEILING MOUNTED EMERGENCY LIGHT AS PER RISK ASSESSMENT
- NEW BULKHEAD EMERGENCY EXIT SIGN AS PER RISK ASSESSMENT
- NEW BULKHEAD EMERGENCY LIGHT
- EXISTING BULKHEAD EMERGENCY EXIT SIGN

LUMINAIRES WITH "C" TO BE CHANGED FOR NEW FITTINGS TO REPLACE EXISTING 15W PIGMY

# Basement

PRELIMINARY

STONYHURST COLLEGE

| Rev | Date | Amendment |
|---|---|---|
| B | 20.12.11 | EMERGENCY LIGHTING REFERENCES ADDED |
| A | 07.11.11 | EMERGENCY LIGHTING UPDATED |

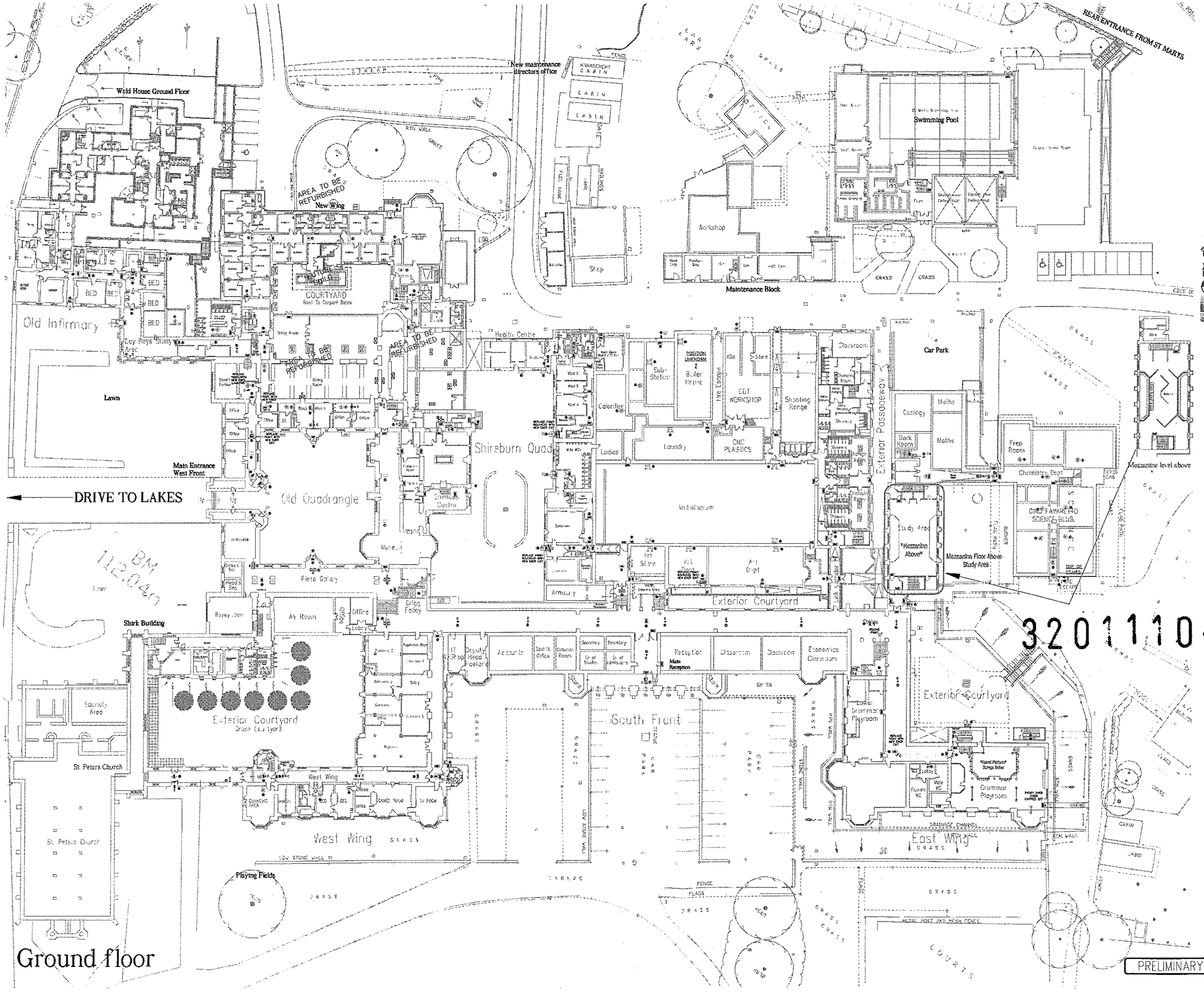
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|---|---|---|
| Dwn: LB | Date: AUG'11 | Scale: NTS@A0 |
| Chkd: BH | Date: AUG'11 | |

Project Title
STONYHURST COLLEGE CLITHEROE

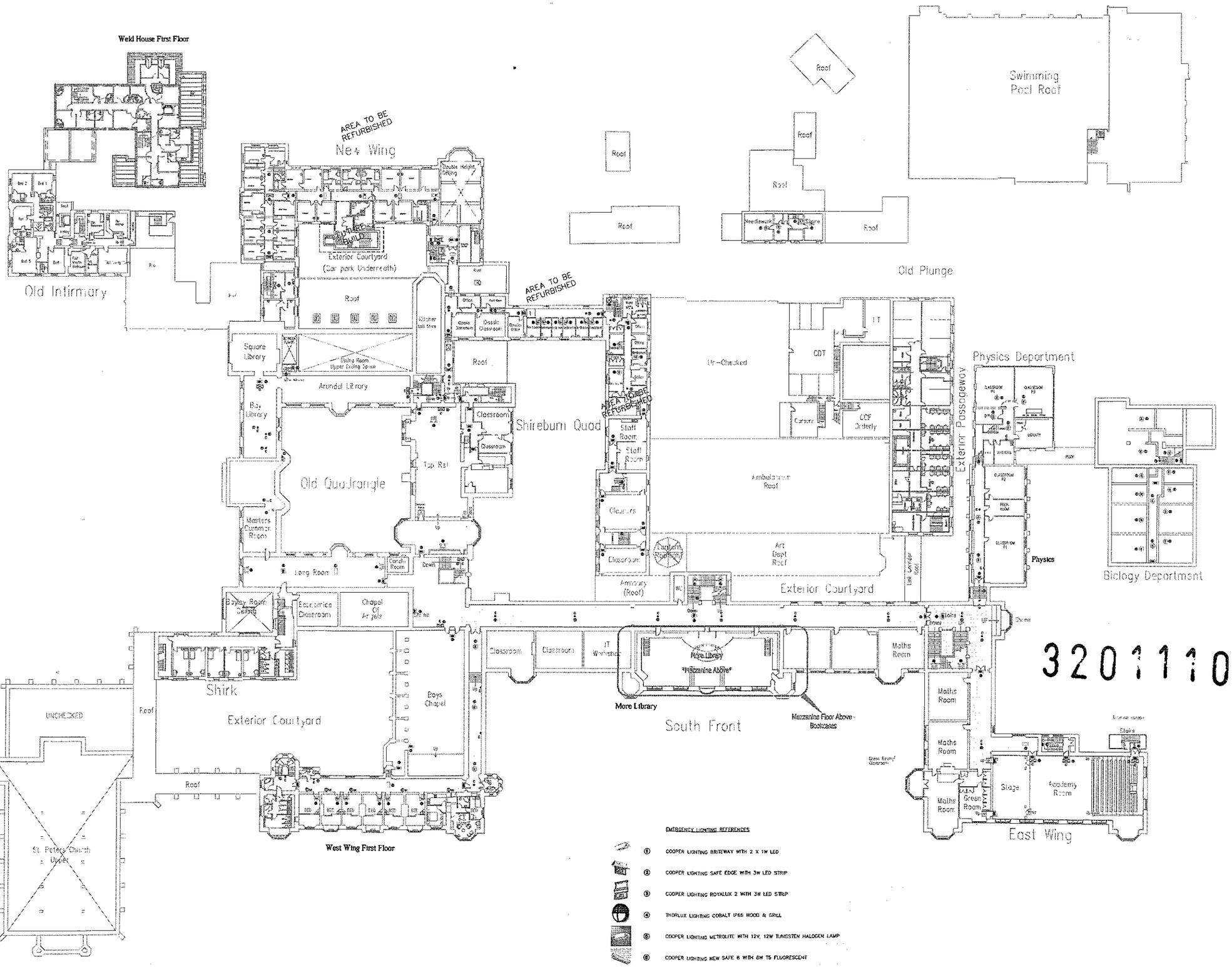
Drawing Title
BASEMENT FLOOR LEVEL
EMERGENCY LIGHTING BATTERY SYSTEM

JRB
ENVIRONMENTAL DESIGN LTD
M&E BUILDING SERVICES CONSULTING ENGINEERS

Dwg. No: 010.012.BATT.E1 | Rev: B


Weld House Ground Floor
New maintenance directors office
Management Cabin
Cabin
Cabin
Shop
Rear Entrance from St Marys
Swimming Pool
Workshop
Maintenance Block
Old Infirmary
Area to be refurbished
New Wing
Courtyard
Roof To Carpark Below
Area to be refurbished
Area to be refurbished
Health Centre
Lawn
Main Entrance
West Front
Drive to Lakes
Old Quadrangle
Shireburn Quad
Museum
Chemistry Centre
Colorifier
Sub-Station
Position Unknown
Boiler House
Kiln
Store
CDT Workshop
Hire Canopy
Shooting Range
Classroom
Exterior Passageway
Car Park
Ladies
Laundry
CNC Plastics
Ambulacrum
Art Store
Art Dept
Armoury
Geology
Maths
Dark Room
Maths
Prep Room
Chemistry Dept
Mezzanine level above
Study Area
Mezzanine Above
Mezzanine Floor Above Study Area
Girls Pavilion
Science Bldg
Trip or Stairs
Fine Art Room
Pottery Room
Head's Sec
Head's Sec
Office
Office
Office

Weld House First Floor




EMERGENCY LIGHTING LEGEND

- EXISTING 110V RECTANGLE BULKHEAD EMERGENCY LIGHTING
- EXISTING 110V PIGMEY EMERGENCY LIGHTING (COMPLETE FITTING)
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LUMINAIRES WITH 'C' TO BE CHANGED FOR NEW FITTINGS TO REPLACE EXISTING 15W PIGMY

EMERGENCY LIGHTING REFERENCES

1. COOPER LIGHTING BRITEWAY WITH 2 X 1W LED
2. COOPER LIGHTING SAFE EDGE WITH 3W LED STRIP
3. COOPER LIGHTING ROYALUX 2 WITH 3W LED STRIP
4. THORLUX LIGHTING COBALT IP65 HOOD & GRILL
5. COOPER LIGHTING METROLITE WITH 12V, 12W TUNGSTEN HALOGEN LAMP
6. COOPER LIGHTING NEW SAFE 6 WITH 8W T5 FLUORESCENT

# First floor

PRELIMINARY

# STONYHURST COLLEGE

320111047P

| Rev | Date | Amendment |
|---|---|---|
| B | 20.12.11 | EMERGENCY LIGHTING REFERENCES ADDED |
| A | 07.11.11 | EMERGENCY LIGHTING UPDATED |

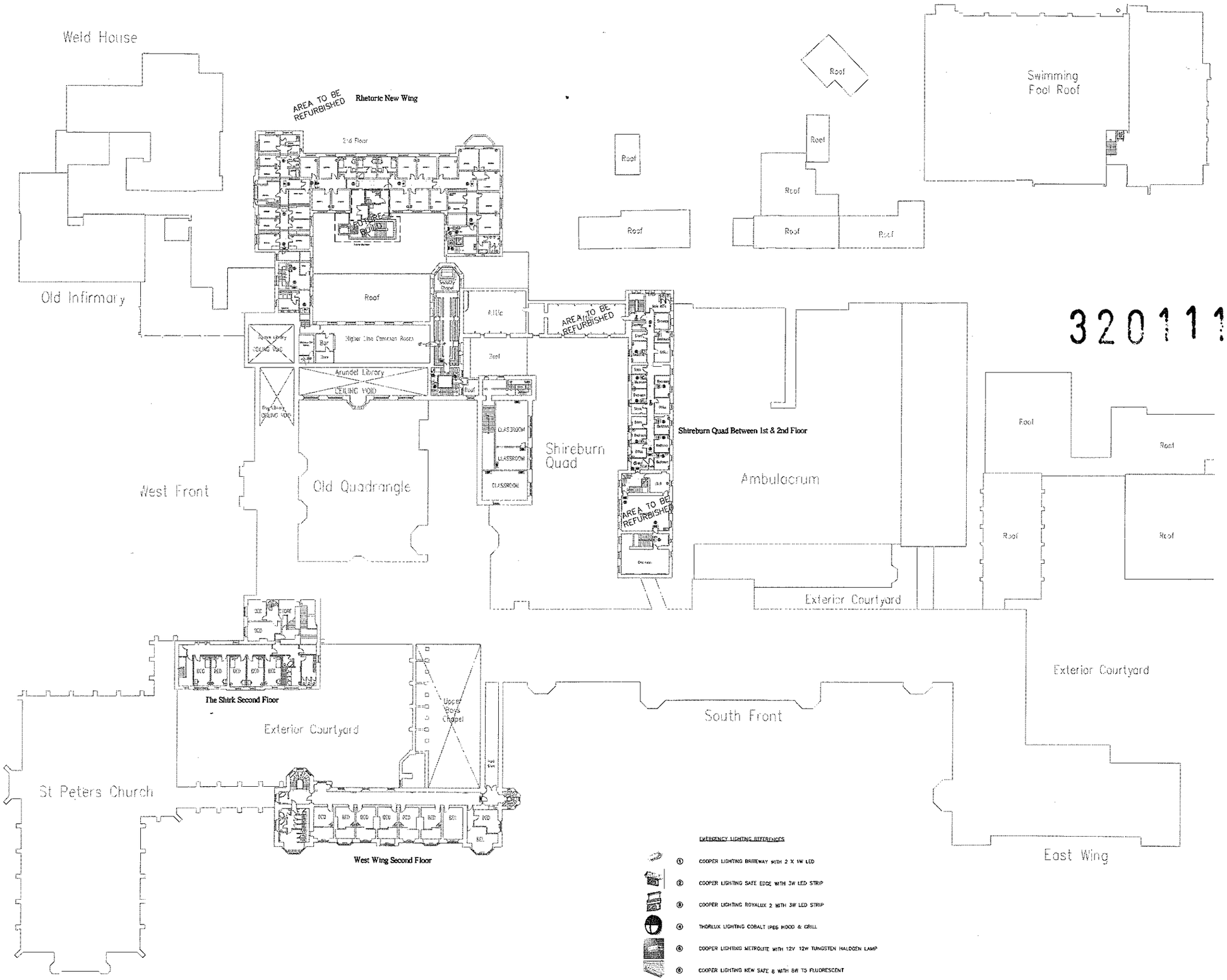
Drn: LB | Date: AUG.11 | Scale: NTS@A0
Chkd: BH | Date: AUG.11

Project Title
STONYHURST COLLEGE CLITHEROE

Drawing Title
FIRST FLOOR LEVEL
EMERGENCY BATTERY LIGHTING SYSTEM

JRB
ENVIRONMENTAL DESIGN LTD
M&E BUILDING SERVICES CONSULTING ENGINEERS

Dwg No. 010.012.BATT.E3 | Rev. B




EMERGENCY LIGHTING LEGEND

- EXISTING 110V RECTANGLE BULKHEAD EMERGENCY LIGHTING
- EXISTING 110V PIGMEY EMERGENCY LIGHTING (COMPLETE FITTING)
- EXISTING 110V PIGMEY EMERGENCY LIGHTING (PIGMY BAYONET)
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⑥ COOPER LIGHTING METROLITE WITH 12V 12W TUNGSTEN HALOGEN LAMP
⑧ COOPER LIGHTING NEW SAFE 6 WITH 8W T5 FLUORESCENT

320111047P

# STONYHURST

COLLEGE

| | | |
|---|---|---|
| B | 20.12.11 | EMERGENCY LIGHTING REFERENCES ADDED |
| A | 07.11.11 | EMERGENCY LIGHTING UPDATED |

| Rev | Date | Amendment |
|---|---|---|
| Drn: LB | Date: AUG'11 | Scale: NTS@A0 |
| Chkd: BH | Date: AUG'11 | |

Project Title
STONYHURST COLLEGE CLITHEROE

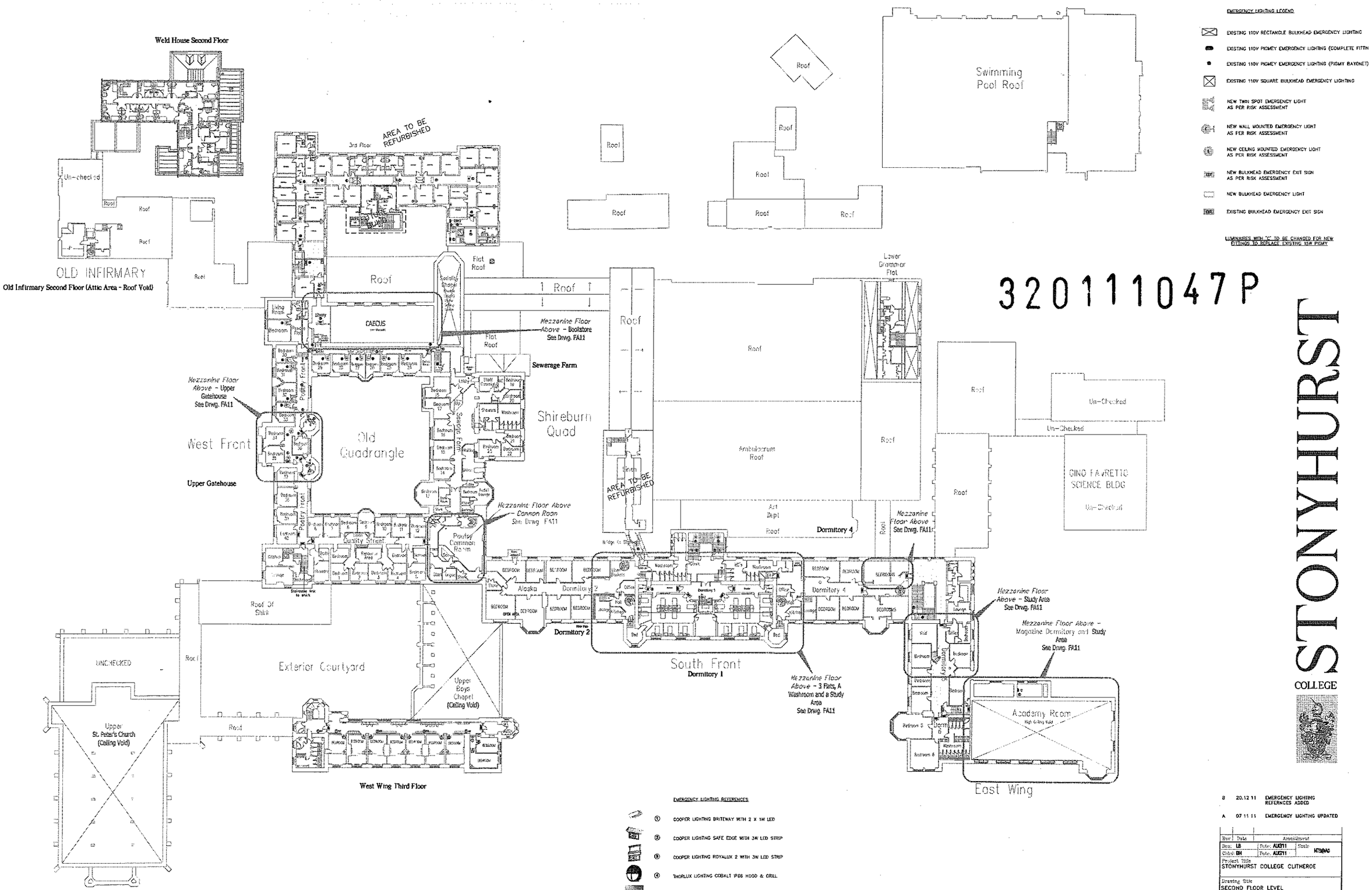
Drawing Title
INTERMEDIATE FLOOR PLANS
EMERGENCY BATTERY LIGHTING SYSTEM

JRB
ENVIRONMENTAL DESIGN LTD
MAE BUILDING SERVICES CONSULTING ENGINEERS

Drg. No. 010.012.BATT.E4 | Rev B

PROVISIONAL

# Intermediate Floor Plans




320111047P

STONYHURST

COLLEGE

Second floor

| Rev | Date | Amendment |
|---|---|---|
| B | 20.12.11 | EMERGENCY LIGHTING REFERNCES ADDED |
| A | 07.11.11 | EMERGENCY LIGHTING UPDATED |

| | | | |
|---|---|---|---|
| Drn. | LB | Date: AUG11 | Scale: NTS@A0 |
| Chkd | BH | Date: AUG11 | |

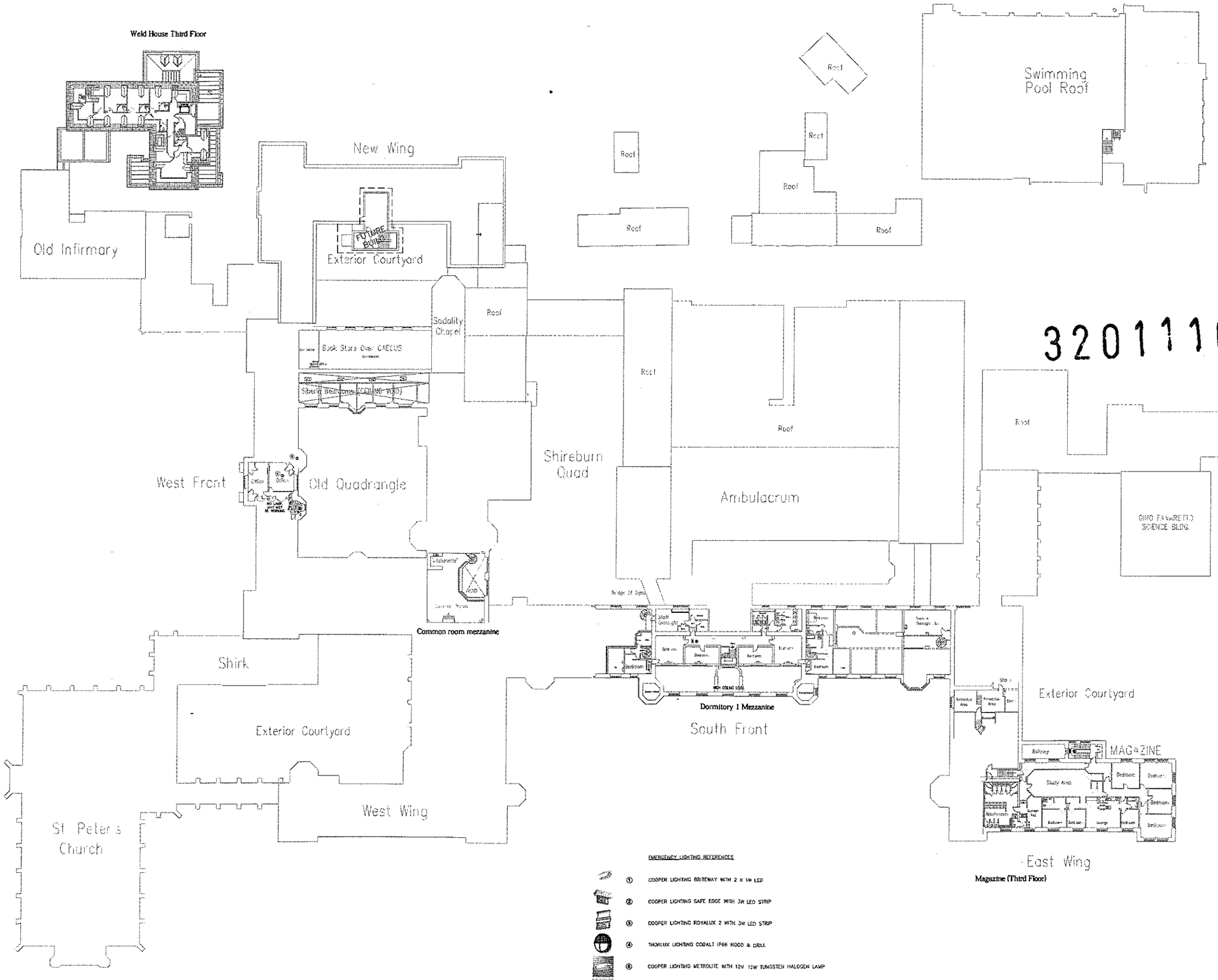
Project Title
STONYHURST COLLEGE CLITHEROE

Drawing Title
SECOND FLOOR LEVEL
EMERGENCY BATTERY LIGHTING SYSTEM

JRB
ENVIRONMENTAL DESIGN LTD
M&E BUILDING SERVICES CONSULTING ENGINEERS

Dwg. No. 010.012.BATT.E5 | Rev. B

PROVISIONAL




EMERGENCY LIGHTING LEGEND

- EXISTING 110V RECTANGLE BULKHEAD EMERGENCY LIGHTING
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320111047P

EMERGENCY LIGHTING REFERENCES

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6. COOPER LIGHTING NEW SAFE 8 WITH 8W T5 FLUORESCENT

# 2nd Floor mezzanine

PROVISIONAL

| | | |
|---|---|---|
| B | 20.12.11 | EMERGENCY LIGHTING REFERNCES ADDED |
| A | 07.11.11 | EMERGENCY LIGHTING UPDATED |

| | | | |
|---|---|---|---|
| Rev. | Date | Amendment | |
| Des. LB | Date. AUG'11 | Scale | NTS@A0 |
| Chkd. BH | Date. AUG'11 | | |

Project Title
STONYHURST COLLEGE CLITHEROE

Drawing Title
MEZZANINE 2ND FLOOR
EMERGENCY BATTERY LIGHTING SYSTEM

JRB
ENVIRONMENTAL DESIGN LTD
M&E BUILDING SERVICES CONSULTING ENGINEERS

Dwg. No. 010.012.BATT.E6 Rev. B

STONYHURST
COLLEGE