

Asbestos Demolition Survey

Admin Block
Armthorpe Academy
Mere Lane
Armthorpe
Doncaster
DN3 2DA



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1.0 Executive summary:

This Executive Summary provides details on :

- | the locations with identified (or presumed) ACMs;
- | areas not accessed;
- | ACMs with high material assessment scores;
- | clear notes on any actions (and priorities).

Asbestos containing materials have been identified during the Demolition Survey and the specific areas are categorized below in order according to the initial Material Risk Assessment made by Sentinel Environmental Consultancy Ltd.

HIGH RISK MATERIALS - SCORES 10+

Asbestos in poor condition, or asbestos debris/contamination has been identified within the following areas listed in the table below. It is recommended that risk assessment (s) are undertaken to ensure that Regulation 4, Regulation 10, Regulation 11, and Regulation 16 of the Control of Asbestos Regulations 2012 are complied with.

Building	Floor	Room	Item	Material	Risk assessment Score	Tentative Recommendations
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There were no results found.

MEDIUM RISK MATERIALS - SCORES 7-9

Asbestos containing materials, which are unsealed or damaged, have been identified within the following areas listed in the table below. It is recommended that remedial work to seal or remove these materials is undertaken as a priority and that air monitoring is carried out within adjacent areas in order to assess airborne fibre levels.

Building	Floor	Room	Item	Material	Risk assessment Score	Tentative Recommendations
Admin Block	Ground Floor	Staff Room G/02	insulating board	Asbestos Insulating Board	MEDIUM (7) R2	Remove

LOW RISK MATERIALS - SCORES 1-6

Asbestos Containing Materials have been identified which are in good condition, A management policy and plan need to be implemented to manage these materials safely.

Building	Floor	Room	Item	Material	Risk assessment Score	Tentative Recommendations
Admin Block	Ground Floor	Reception G/01	insulating board	Asbestos Insulating Board	LOW (6) R3	Remove
Admin Block	Ground Floor	Reception G/01	bituminous lining	Well Bound Material	VERY LOW (3) R3	Remove
Admin Block	Ground Floor	Reception G/01	thermoplastic tile & adhesive	Reinforced Composite	VERY LOW (3) R3	Remove
Admin Block	Ground Floor	I.T Suite G/03	insulating board	Asbestos Insulating Board	LOW (6) R3	Remove
Admin Block	Ground Floor	I.T Suite G/03	insulating board	Asbestos Insulating Board	LOW (6) R3	Remove
Admin Block	Ground Floor	I.T Suite G/03	bituminous lining	Well Bound Material	VERY LOW (3) R3	Remove
Admin Block	Ground Floor	Kitchen G/04	bituminous pad	Well Bound Material	VERY LOW (3) R3	Remove
Admin Block	Ground Floor	Classroom G/05	bituminous lining	Well Bound Material	VERY LOW (3) R3	Remove
Admin Block	Ground Floor	Classroom G/05	insulating board	Asbestos Insulating Board	LOW (6) R3	Remove
Admin Block	Ground Floor	Classroom G/05	thermoplastic floor tiles & adhesive	Reinforced Composite	VERY LOW (4) R3	Remove
Admin Block	Ground Floor	Circulation & Store G/06	thermoplastic floor tiles (white) & adhesive	Reinforced Composite	VERY LOW (4) R3	Remove
Admin Block	Ground Floor	Circulation & Store G/06	thermoplastic floor tiles (black) & adhesive	Reinforced Composite	VERY LOW (4) R3	Remove

Building	Floor	Room	Item	Material	Risk assessment Score	Tentative Recommendations
Admin Block	Ground Floor	Learning Zone G/10	bituminous lining	Well Bound Material	VERY LOW (3) R3	Remove
Admin Block	Ground Floor	Learning Zone G/10	insulating board	Asbestos Insulating Board	LOW (6) R3	Remove
Admin Block	Ground Floor	Classroom & Store G/12	thermoplastic floor tiles (black) & adhesive	Reinforced Composite	VERY LOW (4) R3	Remove
Admin Block	Ground Floor	Office G/13	thermoplastic floor tile bituminous & adhesive	Reinforced Composite	VERY LOW (3) R3	Remove
Admin Block	Ground Floor	Office G/13	thermoplastic floor tile & bituminous adhesive	Reinforced Composite	VERY LOW (3) R3	Remove
Admin Block	Ground Floor	General Office & Store G/14	insulating board	Asbestos Insulating Board	LOW (6) R3	Remove

1.0 Executive summary:

PRESUMED ASBESTOS/NO ACCESS AREAS



Asbestos Containing Materials (ACMs) have been presumed as being present to the following areas where access could not be gained. Areas which have not been accessed should be presumed to contain asbestos until proven otherwise.

Building	Floor	Room/Area	Tentative Recommendation	Surveyor Notes
There were no results found.				

Building Notes:

Internal notes: N/A
External notes: N/A

2.0 Report Summary:

Name and address of site:	Admin Block, Armthorpe Academy, Mere Lane, Armthorpe, Doncaster		
Name and address of client:	Consilium Academies, Consilium Academies, 5thFloor, One City Approach, Albert Street, Eccles, Salford		
Client contact:	Suzie McNicholas		
Type of survey:	Demolition Survey		
Date of survey:	2 Aug 2021		
Report Revision Number:	1		
TEAMS internal job number:	J008822		
Lead surveyor[s]:	Declan Hughes	Signature:	
Technically reviewed by:	Luke Jones	Signature:	
Report issue date:	5 Aug 2021		

3.0 Introduction/Objectives:

Sentinel Environmental Consultancy Ltd received an order of confirmation to undertake a Demolition Survey from Consilium Academies. This order has been accepted on the basis of the original quotation and our terms and conditions of business.

The order relates to a Demolition survey of:

Admin Block
Armthorpe Academy
Mere Lane
Armthorpe
Doncaster
DN3 2DA

The survey was carried out by Declan Hughes.

The Type of survey selected / requested by the client was a Demolition survey.

This survey was carried out in accordance with documented in house procedures TOP02 surveying procedures, which are based on the HSE Guidance document HSG 264.

3.1 Purpose of Survey

The purpose of this Demolition Survey is to help the duty holder identify asbestos in these premises, prior to Demolition Works. It provides sufficient information to help the tendering process for removal works prior to any work starting. However it is strongly recommended that any asbestos removal should be undertaken against a detailed specification. We further recommend the appointed removal contractor should attend the site to confirm for themselves the quantities and location of asbestos to be removed, prior to costing.

3.2 Aim of Survey

The aim of the survey was to;

1. Locate and record the location, extent, and product type as far as reasonably practicable of known or presumed ACM's.
2. Inspect and record information on the accessibility, condition and surface treatment of know or presumed ACM's
3. Determine and record the asbestos type based on sampling or by making a presumption based on product type and appearance
4. Locate all ACM's within the fabric of the building prior to demolition.

3.0 Introduction/Objectives (Cont):

- Type of Survey

3.3 Type of Survey – Demolition Survey

Demolition surveys are intended to locate all asbestos within the building. It is a disruptive, fully intrusive survey that involves destructive inspection techniques that penetrate the building structure extensively. This involves breaking into floors, through walls, into wall voids ceilings, cladding, boxing, as necessary to gain access to all areas, including the inner fabric of the building. A full sampling programme is undertaken to identify possible ACM's and estimate their quantities.

The survey is designed to be used to help the tendering process, and should be used to start generating a specification for tendering the removal of ACM's from the building prior to demolition.

Whilst all asbestos materials have been identified as far as is reasonably practicable, some asbestos materials may remain unidentified buried within the fabric of the building during the survey. Asbestos shuttering buried within concrete slabs, asbestos hidden by structural supports, asbestos hidden behind other asbestos products, and building structures which are unsafe to fully access are potential locations.

It must be presumed that asbestos may remain unidentified to these type of areas and if suspect materials are uncovered during demolition then samples should be taken for analysis.

4.0 Agreed Scope, Caveats and Exclusions

4.1 Agreed Scope

Sentinel Environmental Consultancy Ltd have taken measures to ensure a sufficient exchange of information has been carried out with the duty holder / client representative prior to undertaking this survey. This survey has been carried out under the agreed scope outlined in the quotation and terms and conditions of the business. Any significant changes from the agreed scope are clearly identified and agreed with the client prior to issue of the Report.

Description, Current and Historical Use of Property	Commercial building type, education
Number of Buildings ; age, type and construction details	Single building, timber framed built circa 1970s
Estimated or known number of rooms	Approx 20 no.
Unusual features or underground areas	None known
Details of alterations to Building (previous extension, refurbishment or demolition works)	Previous refurbishment works evident, full details unknown
Building Listed or within Conservation Area	No
Surrounding areas & building structures included in scope	Targeted to building only
Existing Plans for the Site provided (are plans required to be issued within a specific format)	Plans provided by client
Proposed Plans and Specification for scope of works	N/A
Building Occupied or Vacant	Vacant
Access Restrictions (working at height)	no access restrictions
Specialist requirements (access to confined spaces / heights where MEWP / Mobile Tower required)	No specialist requirements
Person responsible for arranging access	Client
Site Specific Hazards	Covid 19 - refer to RAMS & SOP
Photographs to be collected	Yes
Bulk Sampling Requirements	As per HSG 264
Previous Asbestos Information available and whether this information will be used as 3rd party data with the Survey	Not available
Client specific requirements ; data extract/ CD / PDF copy / email only	No specific requirements

4.0 Agreed Scope, Caveats and Exclusions (Continued):

4.2 The following areas / elements have been agreed to be included or excluded from the scope, please note inspections are representative across the building, supporting photographs for intrusive inspections can be found in Appendix 6 :

Building Element	Included / Excluded	Survey Technique	Reinstatement Included
Solid wall cavities	Included	Inspection hole created to inspect cavity between walls inspected	No - Area left in safe and tidy manner
Removal of window sills	Included	Window sills removed to inspect beneath	No - Area left in safe and tidy manner
Removal of vent covers	Included	Vent covers removed to inspect behind	No - Area left in safe and tidy manner
Partition wall cavities	Included	Inspection holes created to inspect within / behind partition panels	No - Area left in safe and tidy manner
Above fixed suspended ceilings	Included	Access point created within fixed ceiling to inspect void	No - Area left in safe and tidy manner
Within boxings or risers	Included	Boxing panels and or cover panels to risers removed	No - Area left in safe and tidy manner
Floor voids, removal of flooring	Included	Floor boards lifted to inspect voids	No - Area left in safe and tidy manner
Within fire doors	Included	Inspection hole created to inspect lining of fire door	No - Area left in safe and tidy manner
Beneath fixed flooring materials	Included	Flooring lifted to inspect beneath	No - Area left in safe and tidy manner
Behind skirting and door frames	Included	Skirting board and door frames removed to inspect behind	No - Area left in safe and tidy manner
Beneath or behind furniture	Included	Furniture moved to inspect	No - Area left in safe and tidy manner
Beneath non asbestos insulation	Included	Non asbestos insulation to be removed	No - Area left in safe and tidy manner
Behind non asbestos external soffits / fascias	Included	Non asbestos soffits / fascias inspected beneath	No - Area left in safe and tidy manner
Roof voids Inspection	Included	Roof Voids accessed and inspected	No - Area left in safe and tidy manner
Fireplace / Chimney Breast	Included	Chimney breast inspected	No - Area left in safe and tidy manner

4.3 Agreed Caveat and Limitations

The Survey has been carried out with the following specific caveats agreed with the Client. Areas or items excluded from a survey must be presumed to contain Asbestos.

Item Excluded from Survey	Comments
Within electric switchgear, fuse boxes, plant and other associated services.	Agreed with client not to be inspected as a live service supply which could not be isolated during the Survey
Within operational plant and machinery including boilers / calorifiers / lift machinery etc.	Agreed with client not to be inspected as a live service supply which could not be isolated during the Survey
Access behind / above existing ACM's which would require the use of a LARC and enclosure.	Agreed with client not to be inspected behind / above
Below external ground level	Agreed with client not to be inspected

5.0 Survey Method

5.1 This survey has been undertaken in accordance with HSG264 and Sentinel Environmental Consultancy Ltd in house procedures (TOP02 Surveying Procedure).

5.2 Clients of Sentinel Environmental Consultancy Ltd have agreed to our terms and conditions and accepted our surveying approach, our sampling strategy, and our standard planning, surveying and reporting format unless they have made specific requests to the contrary.

5.3 The information provided by the client or their representative is recorded within the desk top review and survey planning stage and has been used to establish the scope of the survey.

5.4 Photographs of suspected ACM's, limited access areas / no access areas are taken at the time of the survey unless the client expressly requests otherwise. Sampling points and suspected ACM's are not identified with labels unless the client expressly requests otherwise.

5.5 All items examined by the surveyor at the time of the survey are listed in the inspection detail of this report. This detail includes those items believed by the surveyor not to contain asbestos and an appropriate categorisation of their material composition is given. Employing this rationale, the surveyor can use experience and judgement to form a reasoned argument that there is evidence to suggest that the material may not contain asbestos. Periodically 'non-asbestos' building materials may be sampled by way of a method control to further support the surveyor's argument. These materials do not bear any risk assessment detail.

5.6 Areas that could not be accessed were presumed to have ACM's present until proven otherwise. Each area requiring further inspection is documented within the Executive summary (Inaccessible areas). Inaccessible areas are also shown on the plan drawings (Appendix 5)

5.6 Areas that cannot be accessed are presumed to have ACM's present until proven otherwise. Each area requiring further inspection is documented within the Executive summary (Inaccessible areas). Inaccessible areas are also shown on the plan drawings (Appendix 5)

5.7 Materials that cannot be accessed and in the surveyor's opinion could be dismissed are presumed to be ACMs unless proven otherwise. Materials that are not sampled but, in the surveyor's opinion, have a similar appearance, location and function as a previously sampled material are strongly presumed to be similar to the sampled material.

5.8 In the case of a material or materials being encountered that the surveyor suspects, following visual assessment, as containing asbestos but cannot be sampled for reasons of practicality, that material is strongly presumed to contain asbestos. An assessment (where possible) of the material's extent and condition is made. Materials that are 'strongly presumed' to be similar to a material that has already been sampled are referenced against the original sampled material.

5.9 Intrusive damage that is required to gain access to an area/location that is within the scope of the survey has been agreed with the client or the client's representative. Any remedial action is put in place before such action is attempted. If remedial action cannot be arranged, no attempt to access the area is made and the reasons recorded. The area/location is presumed to have ACM's present until proven otherwise.

5.10 Older electrical equipment, which cannot be shown to contain ACM's is presumed to have ACM's present unless, in the surveyors professional opinion, such items can be excluded.

6.0 Exclusions and Caveats:

Where suspect asbestos containing materials e.g. ceiling finishes, board materials etc exist no attempt (unless otherwise stated) will be made to investigate behind these materials. Sentinel Environmental Consultancy has a duty under Regulation 16 of the Control of Asbestos Regulations (2012) to prevent or reduce the spread of asbestos; penetration of such materials without appropriate control measures may be in contravention of this duty.

Specific areas excluded within this survey report are listed within the executive summary.

This report does not include investigations into land contamination associated with asbestos or any other contaminants.

7.0 Sampling and Analysis:

7.1 The object of bulk sampling is to identify the nature of any visible ACM. The bulk sample description and analysis results can be found in Appendix 4 of this report – The analysis certificate.

Bulk samples are taken in accordance with documented in house procedures (TOP02 Surveying Procedure) following guidelines detailed in HSG264 'The Survey Guide' and HSG248 'The Analyst Guide'. The quantity of samples taken will be minimised by using 'strongly presumed'. Materials that are 'strongly presumed' to be similar to a material that has already been sampled will be recorded in the comments section of the survey record and referenced against the original sampled material.

7.2 All samples taken during this survey have been analysed by a laboratory holding UKAS accreditation to ISO 17025.

7.3 The homogeneity of asbestos containing materials can differ depending on their type. Typically, homogeneous materials include sprayed coatings, insulating board and asbestos cement products. Other materials are typically less homogeneous including pipe lagging (due to patch repairs, hand mixing at time of application), textured coatings (due to low concentration of asbestos fibre and hand application), composites (due to low concentration of asbestos fibre and material matrix). Whilst sampling frequencies / techniques and analysis methods attempt to address the issue of non-homogeneity it should be realised that sampling in accordance with HSG 264 and analysis in accordance with HSG 248 cannot always obviate the problems of determining asbestos fibre content in non-homogeneous materials. The results of sample analysis presented in this report therefore pertain to the samples analysed and so relate only to the time at which sampling took place and to the conditions prevailing during that time.

Survey Results

8.1 The results of the survey inspections and sampling undertaken are recorded on the enclosed Survey Data Sheets (appendix 2), Asbestos Register (appendix 1) and Non-Asbestos Material Register (appendix 3). Where asbestos containing material have been identified or presumed to be present then a Material Assessment Algorithm has been calculated as detailed in HSG 264 and reproduced in the table below:

8.2 Within the survey data sheets the individual scores in brackets, for each sample variable, are added together to form the final material risk assessment algorithm score.

Material Risk Assessment Algorithm

Product type [or debris from product]

Score	Examples of scores
1	Asbestos reinforced composites [plastics, resins, mastics, roofing felts, vinyl floor tiles, semi- rigid paint, decorative finishes and asbestos cement etc]
2	Asbestos insulating board, mill boards, other low-density boards, textiles, gaskets, ropes and woven materials and asbestos paper.
3	Thermal insulation [e.g. pipe and boiler lagging], sprayed asbestos, loose asbestos, asbestos mattresses and packing.

Extent of damage/deterioration

Score	Examples of scores
0	Good condition: no visible damage
1	Low damage: a few scratches or surface marks, broken edges on boards or tiles, etc.
2	Moderate damage: significant breakage of materials or several small areas where material has been damaged exposing fibrous edges.
3	High damage or deterioration of materials, sprays and thermal insulation. Visible asbestos contamination by debris or residues.

Surface treatment

Score	Examples of scores
0	Composite materials containing asbestos, reinforced plastics, resins, vinyl tiles
1	Enclosed sprays or insulation, AIB [with exposed face encapsulated], cement sheets, etc.
2	Unsealed AIB, encapsulated insulation and sprays.
3	Unsealed insulation and sprays.

Asbestos Type

Score	Examples of scores
1	Chrysotile
2	Amphibole asbestos (excluding Crocidolite)
3	Crocidolite

Risk Category	Risk	Score Range	Fibre release potential
R1	HIGH	Material Score 10	High risk with a high potential to release fibres if disturbed
R2	MEDIUM	Material Score Between 7 and 9	Medium risk with a medium potential to release fibres if disturbed
R3	LOW	Material Score 6 or below	Low risk with and having low potential to release fibres if disturbed

9.0 Recommendations:

9.1 To comply with and ensure that the requirements of section 2 & 3 of the Health and Safety at Work Act (as amended) 1974, the Management of Health and Safety at Work Regulations 1999, the Control of Asbestos Regulations 2012 and the Control of Substances Hazardous to Health 2002 are met, the following recommendations should be implemented:

9.2 Undertake suitable and sufficient Risk Assessments of identified asbestos containing materials against normal occupation and maintenance operations, in compliance with Regulations 3 of the Management of Health & Safety at Work Regulations 1999 and Regulation 6 of the Control of Asbestos Regulations 2012.

9.3 The findings of the survey be brought to the attention of those persons who are likely to come in contact with asbestos, in compliance with Section 2 and 3 of the Health and Safety at Work Act (as amended) 1974 and Regulation 10 of the Control of Asbestos Regulations 2012.

9.4 Implement an Asbestos Management Policy, Plan and review process in compliance Regulation 4 of the Control of Asbestos Regulations 2012.

9.5 Instigate regular inspections, to record and update details of retained asbestos containing materials.

9.6 Review the arrangement under the management plan in accordance with regulation 4 of the CAR 2012.

9.7 During the course of the survey it may not have been possible to access all areas of the site. Details of areas requiring further access are identified within the Data Sheets of this report. In accordance with HSG 264, asbestos has been presumed to be present within these areas and should be treated accordingly until further inspection and analysis of building fabric and services proves otherwise.

9.8 Where asbestos debris or asbestos in poor condition has been found it is recommended that access is restricted and or controlled to these areas in accordance with Regulation 11 and Regulation 16 of the Control of Asbestos Regulations 2012.

9.9 If we have identified asbestos materials in poor condition, it is recommended that air monitoring is carried out within a number of areas where asbestos materials have been identified in order to assess airborne fibre levels within adjacent occupied areas in relation to the clearance indicator, as documented by HSG 248 the Analyst Guide.

9.10 All identified asbestos to be appropriately identified and subject to risk assessment, management, and re-inspection.

9.11 Site specific recommendations in respect to the location and condition of asbestos materials identified during the course of this inspection are detailed in the Survey Data Sheets and Asbestos register. In considering the management of asbestos materials identified to date, these recommendations should be taken into consideration.

9.12 In accordance with the Control of Asbestos Regulations 2012 the removal of ACM's fall into one of the three categories below:

Licensed Asbestos Removal

Is defined as any work, which is undertaken on a friable asbestos product or which is likely to exceed the control limit of 0.1f/cm³. A licensed asbestos removal contractor must undertake this work and a 14-day notice must be given to the HSE prior to the commencement of the work.

Notifiable Non Licensed Works

If work on an ACM causes the deterioration of the matrix material in which the asbestos fibres are firmly linked, then these works are Notifiable Non Licensed Work (NNLW). Work of this type does not require an asbestos removal licence, but the company undertaking the work must have the following:

- Notification of the work to the relevant enforcing authority prior to the work commencing.
- Medical examinations to assess each worker's state of health to be carried out, before any possible – exposure to asbestos. Then re-examinations every three years.
- Insurance for working with asbestos containing materials.
- A register of work to be kept by the employer for each employee exposed to asbestos.

Non Notifiable Non Licensed work

-Non-Licensed Works Is defined as any work, which involves short, non-continuous maintenance activities, during which only nonfriable materials are removed. It can also involve the removal of non-friable materials for refurbishment purposes. However, work of this type is only applicable where the matrix material in which the asbestos fibres are firmly linked remains intact.

-If a non-licensed contractor is appointed to undertake the removal works on the above materials, the following points must be adhered to:

-All operatives undertaking work on the material must have asbestos awareness training and practical asbestos training.

9.13 It is recommended that further intrusive investigations and sampling be carried out in accordance with HSG.264, where any major refurbishment, maintenance, installation or similar activity may expose asbestos materials that have remained inaccessible during the survey. This should be as a refurbishment/demolition survey as documented in HSG264.

9.14 The findings of this report should not be solely relied upon in obtaining costs for proposed asbestos abatement work. Any proposed abatement/removal of the asbestos should be undertaken against a detailed specification.

9.15 Any recommendations made within this report are made on the basis of findings collated at the time of survey. Recommendations should undergo careful client evaluation prior to a final management decision being made. Sentinel Environmental Consultancy Limited does not accept any responsibility for any works carried out as a result of recommendations made within this report.

Appendix 1 - Asbestos Register

Building	Floor	Location /Room	S,P,SP,AS Sample No	Product Type	Condition	Surface Treatment	Asbestos Type	Quantity	Accessibility	Material Score	Recommendation	Additional Comments
Admin Block	Ground Floor	Reception G/01, insulating board panel to warm air fans	S AA002142	Asbestos Insulating Board	Low Damage	Unsealed	Chrysotile	1m ²	Occasionally likely to be disturbed	6	Remove	located to ceiling & vertical units, approx 0.5 m2 each
Admin Block	Ground Floor	Reception G/01, bituminous lining to warm air fan	S AA002144	Well Bound Material	Low Damage	Completely Sealed	Chrysotile	1no.	Occasionally likely to be disturbed	3	Remove	located to vertical unit
Admin Block	Ground Floor	Reception G/01, thermoplastic tile & adhesive floor covering	S AA002145	Reinforced Composite	Low Damage	Completely Sealed	Chrysotile	2m ²	Routinely disturbed	3	Remove	adhesive present to tile and floor
Admin Block	Ground Floor	Staff Room G/02, insulating board panel to warm air fan	SP As AA002142	Asbestos Insulating Board	Medium Damage	Unsealed	Chrysotile	0.5m ²	Occasionally likely to be disturbed	7	Remove	1 no unit visible
Admin Block	Ground Floor	I.T Suite G/03, insulating board panel to warm air fan	SP As AA002142	Asbestos Insulating Board	Low Damage	Unsealed	Chrysotile	0.5m ²	Occasionally likely to be disturbed	6	Remove	located to ceiling unit
Admin Block	Ground Floor	I.T Suite G/03, insulating board panel to warm air fan	SP As AA002142	Asbestos Insulating Board	Low Damage	Unsealed	Chrysotile	0.5m ²	Occasionally likely to be disturbed	6	Remove	located to wall unit
Admin Block	Ground Floor	I.T Suite G/03, bituminous lining to warm air fan	SP As AA002144	Well Bound Material	Low Damage	Completely Sealed	Chrysotile	1no.	Occasionally likely to be disturbed	3	Remove	located to warm air heater
Admin Block	Ground Floor	Kitchen G/04, bituminous pad beneath sink	S AA002147	Well Bound Material	Low Damage	Completely Sealed	Chrysotile	2no.	Occasionally likely to be disturbed	3	Remove	N/A
Admin Block	Ground Floor	Classroom G/05, bituminous lining to warm air fan	SP As AA002144	Well Bound Material	Low Damage	Completely Sealed	Chrysotile	1no.	Occasionally likely to be disturbed	3	Remove	located to vertical unit
Admin Block	Ground Floor	Classroom G/05, insulating board panel	SP As AA002142	Asbestos Insulating Board	Low Damage	Unsealed	Chrysotile	0.5m ²	Occasionally likely to be disturbed	6	Remove	located to vertical units

KEY:

S – Sampled, P – Presumed, SP – Strongly Presumed, AS – Cross reference to former sample

Appendix 1 - Asbestos Register (cont)


Building	Floor	Location /Room	S,P,SP,AS Sample No	Product Type	Condition	Surface Treatment	Asbestos Type	Quantity	Accessibility	Material Score	Recommendation	Additional Comments
Admin Block	Ground Floor	Classroom G/05, thermoplastic floor tiles & adhesive to floor	S AA002148	Reinforced Composite	Medium Damage	Completely Sealed	Chrysotile	50m ²	Occasionally likely to be disturbed	4	Remove	N/A
Admin Block	Ground Floor	Circulation & Store G/06, thermoplastic floor tiles (white) & adhesive to floor	S AA002150	Reinforced Composite	Medium Damage	Completely Sealed	Chrysotile	2m ²	Routinely disturbed	4	Remove	adhesive present to tile & floor
Admin Block	Ground Floor	Circulation & Store G/06, thermoplastic floor tiles (black) & adhesive floor covering	S AA002151	Reinforced Composite	Medium Damage	Completely Sealed	Chrysotile	1m ²	Routinely disturbed	4	Remove	N/A
Admin Block	Ground Floor	Learning Zone G/10, bituminous lining to warm air fan	SP As AA002144	Well Bound Material	Low Damage	Completely Sealed	Chrysotile	1no.	Occasionally likely to be disturbed	3	Remove	located to vertical unit
Admin Block	Ground Floor	Learning Zone G/10, insulating board panel to warm air fans	SP As AA002142	Asbestos Insulating Board	Low Damage	Unsealed	Chrysotile	0.5m ²	Occasionally likely to be disturbed	6	Remove	located to ceiling & vertical unit
Admin Block	Ground Floor	Classroom & Store G/12, thermoplastic floor tiles (black) & adhesive floor covering	S AA002154	Reinforced Composite	Medium Damage	Completely Sealed	Chrysotile	6m ²	Routinely disturbed	4	Remove	located within store
Admin Block	Ground Floor	Office G/13, thermoplastic floor tile bituminous & adhesive to floor	S AA002155	Reinforced Composite	Low Damage	Completely Sealed	Chrysotile	6m ²	Easily disturbed	3	Remove	adhesive present to tile & floor
Admin Block	Ground Floor	Office G/13, thermoplastic floor tile & bituminous adhesive to floor	S AA002156	Reinforced Composite	Low Damage	Completely Sealed	Chrysotile	20m ²	Occasionally likely to be disturbed	3	Remove	adhesive present to tile and floor
Admin Block	Ground Floor	General Office & Store G/14, insulating board panel to warm air fan	SP As AA002142	Asbestos Insulating Board	Low Damage	Unsealed	Chrysotile	0.5m ²	Occasionally likely to be disturbed	6	Remove	located to ceiling unit

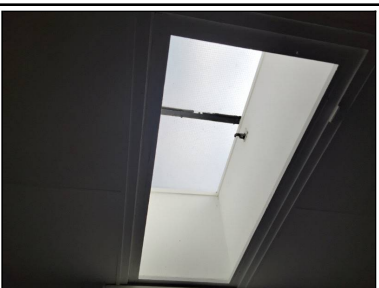
KEY:

S – Sampled, P – Presumed, SP – Strongly Presumed, AS – Cross reference to former sample

Appendix 2 – Survey Data Sheets

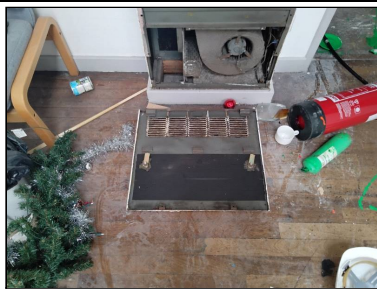
Service Type	Demolition Survey		
Report Revision Number	1	Surveyors	Declan Hughes
TEAMS Job Number	J008822	Survey Date	2 Aug 2021
Site Address:	Admin Block Armthorpe Academy Mere Lane Armthorpe Doncaster DN3 2DA	Bulk Analysis Laboratory	N/A
		Sample Analysis Date	5 Aug 2021


	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	Reception G/01	insulating board panel to warm air fans	1m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002142 (S)	Asbestos Insulating Board (2)	Unsealed (2)	Low Damage (1)	Occasionally likely to be disturbed
	Material Risk Score				
	6				
Recommended action	Remove				
Surveyor comments	located to ceiling & vertical units, approx 0.5 m2 each				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Reception G/01	putty to skylights	5no.	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002143 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
N/A					
Recommended action	No further action required				
Surveyor comments	N/A				

KEY:

S – Sampled, P – Presumed, SP – Strongly Presumed, AS – Cross reference to former sample

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	Reception G/01	bituminous lining to warm air fan	1no.	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002144 (S)	Well Bound Material (1)	Completely Sealed (0)	Low Damage (1)	Occasionally likely to be disturbed
	Material Risk Score				
	3				
Recommended action	Remove				
Surveyor comments	located to vertical unit				

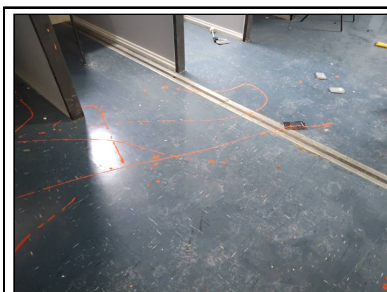
	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	Reception G/01	thermoplastic tile & adhesive floor covering	2m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002145 (S)	Reinforced Composite (1)	Completely Sealed (0)	Low Damage (1)	Routinely disturbed
	Material Risk Score				
	3				
Recommended action	Remove				
Surveyor comments	adhesive present to tile and floor				

KEY:

S – Sampled, P – Presumed, SP – Strongly Presumed, AS – Cross reference to former sample




Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
Building	Room	Item	Quantity	
Admin Block	Staff Room G/02	insulating board panel to warm air fan	0.5m ²	
Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
As AA002142 (SP)	Asbestos Insulating Board (2)	Unsealed (2)	Medium Damage (2)	Occasionally likely to be disturbed
Material Risk Score				
7				
Recommended action	Remove			
Surveyor comments	1 no unit visible			

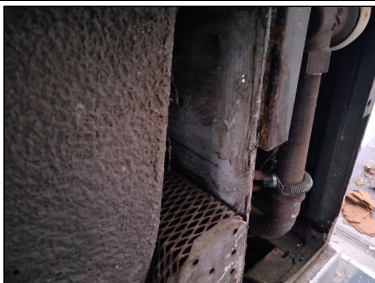


Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	No Asbestos Detected
Building	Room	Item	Quantity	
Admin Block	I.T Suite G/03	thermoplastic floor tile & adhesive floor covering	100m ²	
Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
AA002146 (S)	N/A	N/A	N/A	N/A
Material Risk Score				
N/A				
Recommended action	No further action required			
Surveyor comments	adhesive present to tiles & floor			

KEY:


S – Sampled, P – Presumed, SP – Strongly Presumed, AS – Cross reference to former sample


	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	I.T Suite G/03	insulating board panel to warm air fan	0.5m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002142 (SP)	Asbestos Insulating Board (2)	Unsealed (2)	Low Damage (1)	Occasionally likely to be disturbed
	Material Risk Score				
	6				
Recommended action	Remove				
Surveyor comments	located to ceiling unit				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	I.T Suite G/03	insulating board panel to warm air fan	0.5m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002142 (SP)	Asbestos Insulating Board (2)	Unsealed (2)	Low Damage (1)	Occasionally likely to be disturbed
	Material Risk Score				
	6				
Recommended action	Remove				
Surveyor comments	located to wall unit				

KEY:


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	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	I.T Suite G/03	bituminous lining to warm air fan	1no.	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002144 (SP)	Well Bound Material (1)	Completely Sealed (0)	Low Damage (1)	Occasionally likely to be disturbed
	Material Risk Score				
	3				
Recommended action	Remove				
Surveyor comments	located to warm air heater				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	Kitchen G/04	bituminous pad beneath sink	2no.	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002147 (S)	Well Bound Material (1)	Completely Sealed (0)	Low Damage (1)	Occasionally likely to be disturbed
	Material Risk Score				
3					
Recommended action	Remove				
Surveyor comments	N/A				

KEY:


S – Sampled, P – Presumed, SP – Strongly Presumed, AS – Cross reference to former sample


	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	Classroom G/05	bituminous lining to warm air fan	1no.	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002144 (SP)	Well Bound Material (1)	Completely Sealed (0)	Low Damage (1)	Occasionally likely to be disturbed
	Material Risk Score				
	3				
Recommended action	Remove				
Surveyor comments	located to vertical unit				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	Classroom G/05	insulating board panel	0.5m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002142 (SP)	Asbestos Insulating Board (2)	Unsealed (2)	Low Damage (1)	Occasionally likely to be disturbed
	Material Risk Score				
	6				
Recommended action	Remove				
Surveyor comments	located to vertical units				

KEY:

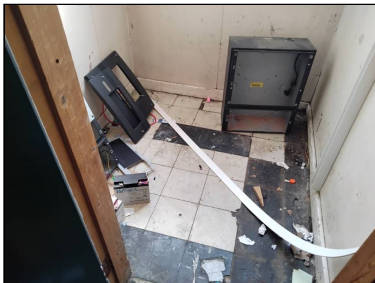
S – Sampled, P – Presumed, SP – Strongly Presumed, AS – Cross reference to former sample

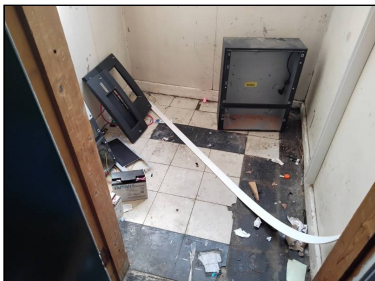
	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	Classroom G/05	thermoplastic floor tiles & adhesive to floor	50m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002148 (S)	Reinforced Composite (1)	Completely Sealed (0)	Medium Damage (2)	Occasionally likely to be disturbed
	Material Risk Score				
4					
Recommended action	Remove				
Surveyor comments	N/A				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Circulation & Store G/06	bituminous adhesive to floor	30m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002149 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
	N/A				
Recommended action	No further action required				
Surveyor comments	N/A				

KEY:


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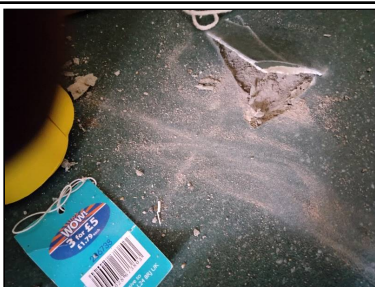
	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	Circulation & Store G/06	thermoplastic floor tiles (white) & adhesive to floor	2m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002150 (S)	Reinforced Composite (1)	Completely Sealed (0)	Medium Damage (2)	Routinely disturbed
	Material Risk Score				
	4				
Recommended action	Remove				
Surveyor comments	adhesive present to tile & floor				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	Circulation & Store G/06	thermoplastic floor tiles (black) & adhesive floor covering	1m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002151 (S)	Reinforced Composite (1)	Completely Sealed (0)	Medium Damage (2)	Routinely disturbed
	Material Risk Score				
	4				
Recommended action	Remove				
Surveyor comments	N/A				

KEY:


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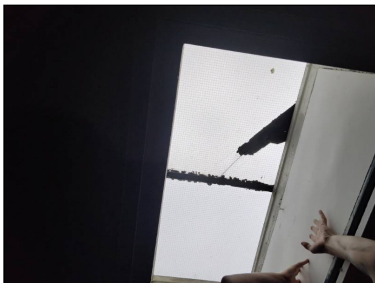
	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Meeting Room G/07	bituminous adhesive to floor	25m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002149 (SP)	N/A	N/A	N/A	N/A
	Material Risk Score				
	N/A				
Recommended action	No further action required				
Surveyor comments	N/A				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Store G/08	bituminous adhesive to floor	16m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002149 (SP)	N/A	N/A	N/A	N/A
	Material Risk Score				
	N/A				
Recommended action	No further action required				
Surveyor comments	N/A				

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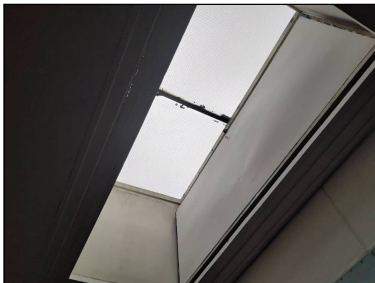
S – Sampled, P – Presumed, SP – Strongly Presumed, AS – Cross reference to former sample

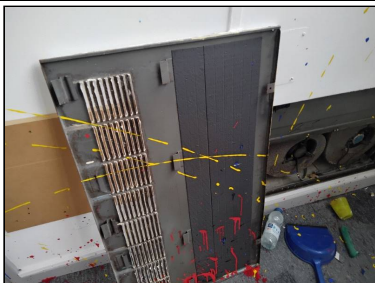
	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Circulation G/09	thermoplastic tile & adhesive to floor	30m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002152 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
	N/A				
Recommended action	No further action required				
Surveyor comments	adhesive present to tile & floor				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Circulation G/09	putty to skylights	1no.	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002143 (SP)	N/A	N/A	N/A	N/A
	Material Risk Score				
	N/A				
Recommended action	No further action required				
Surveyor comments	N/A				

KEY:


S – Sampled, P – Presumed, SP – Strongly Presumed, AS – Cross reference to former sample


	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Learning Zone G/10	putty to skylights	2no.	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002143 (SP)	N/A	N/A	N/A	N/A
	Material Risk Score				
	N/A				
Recommended action	No further action required				
Surveyor comments	N/A				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	Learning Zone G/10	bituminous lining to warm air fan	1no.	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002144 (SP)	Well Bound Material (1)	Completely Sealed (0)	Low Damage (1)	Occasionally likely to be disturbed
	Material Risk Score				
	3				
Recommended action	Remove				
Surveyor comments	located to vertical unit				

KEY:


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	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	Learning Zone G/10	insulating board panel to warm air fans	0.5m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002142 (SP)	Asbestos Insulating Board (2)	Unsealed (2)	Low Damage (1)	Occasionally likely to be disturbed
	Material Risk Score				
6					
Recommended action	Remove				
Surveyor comments	located to ceiling & vertical unit				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Learning Zone G/10	bituminous adhesive to floor	75m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002149 (SP)	N/A	N/A	N/A	N/A
	Material Risk Score				
	N/A				
Recommended action	No further action required				
Surveyor comments	N/A				

KEY:


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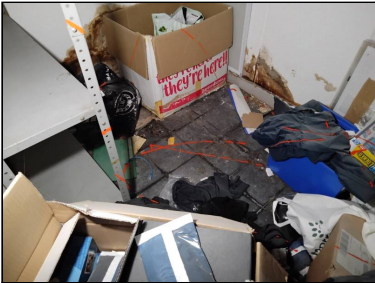
	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Store G/11	bituminous adhesive to floor	45m ²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002149 (SP)	N/A	N/A	N/A	N/A
Material Risk Score					
N/A					
Recommended action	No further action required				
Surveyor comments	N/A				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Store G/11	insulating board riser boxing	8m ²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002153 (S)	N/A	N/A	N/A	N/A
Material Risk Score					
N/A					
Recommended action	No further action required				
Surveyor comments	N/A				

KEY:


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	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Classroom & Store G/12	bituminous adhesive to floor	42m ²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002149 (SP)	N/A	N/A	N/A	N/A
Material Risk Score					
N/A					
Recommended action	No further action required				
Surveyor comments	N/A				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	Classroom & Store G/12	thermoplastic floor tiles (black) & adhesive floor covering	6m ²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002154 (S)	Reinforced Composite (1)	Completely Sealed (0)	Medium Damage (2)	Routinely disturbed
Material Risk Score					
4					
Recommended action	Remove				
Surveyor comments	located within store				

KEY:

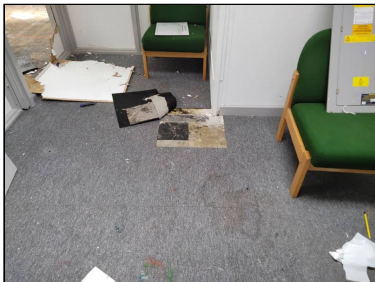
S – Sampled, P – Presumed, SP – Strongly Presumed, AS – Cross reference to former sample


	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Office G/13	putty to skylights	1no.	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002143 (SP)	N/A	N/A	N/A	N/A
	Material Risk Score				
N/A					
Recommended action	No further action required				
Surveyor comments	N/A				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	Office G/13	thermoplastic floor tile bituminous & adhesive to floor	6m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002155 (S)	Reinforced Composite (1)	Completely Sealed (0)	Low Damage (1)	Easily disturbed
	Material Risk Score				
3					
Recommended action	Remove				
Surveyor comments	adhesive present to tile & floor				

KEY:


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	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	Office G/13	thermoplastic floor tile & bituminous adhesive to floor	20m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002156 (S)	Reinforced Composite (1)	Completely Sealed (0)	Low Damage (1)	Occasionally likely to be disturbed
	Material Risk Score				
3					
Recommended action	Remove				
Surveyor comments	adhesive present to tile and floor				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	Chrysotile (1)
	Building	Room	Item	Quantity	
	Admin Block	General Office & Store G/14	insulating board panel to warm air fan	0.5m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002142 (SP)	Asbestos Insulating Board (2)	Unsealed (2)	Low Damage (1)	Occasionally likely to be disturbed
	Material Risk Score				
	6				
Recommended action	Remove				
Surveyor comments	located to ceiling unit				

KEY:


S – Sampled, P – Presumed, SP – Strongly Presumed, AS – Cross reference to former sample


	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	General Office & Store G/14	putty to skylights	4no.	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	As AA002143 (SP)	N/A	N/A	N/A	N/A
	Material Risk Score				
	N/A				
Recommended action	No further action required				
Surveyor comments	N/A				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	Ground Floor	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	General Office & Store G/14	thermoplastic tile & adhesive floor covering	8m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002157 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
N/A					
Recommended action	No further action required				
Surveyor comments	adhesive present to tile and floor				

KEY:


S – Sampled, P – Presumed, SP – Strongly Presumed, AS – Cross reference to former sample


	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	External	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Externals E/01	bituminous felt roof covering	500m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002158 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
	N/A				
Recommended action	No further action required				
Surveyor comments	N/A				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	External	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Externals E/01	bituminous seal to skylight	14no.	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002159 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
	N/A				
Recommended action	No further action required				
Surveyor comments	N/A				

KEY:


S – Sampled, P – Presumed, SP – Strongly Presumed, AS – Cross reference to former sample


	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	External	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Externals E/01	putty seal to skylights	14no.	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002163 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
	N/A				
Recommended action	No further action required				
Surveyor comments	N/A				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	External	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Externals E/01	textured coating to external cladding	400m²	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002160 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
N/A					
Recommended action	No further action required				
Surveyor comments	N/A				

KEY:

S – Sampled, P – Presumed, SP – Strongly Presumed, AS – Cross reference to former sample

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	External	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Externals E/01	textured coating to panels below windows	Throughout	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002161 (S)	N/A	N/A	N/A	N/A
	Material Risk Score				
	N/A				
Recommended action	No further action required				
Surveyor comments	N/A				

	Survey Date:	Lead Surveyor	Survey Type	Floor	Analysis
	2 Aug 2021	Declan Hughes	Demolition Survey	External	No Asbestos Detected
	Building	Room	Item	Quantity	
	Admin Block	Externals E/01	bituminous lining to external cladding	Throughout	
	Sample No (S,SP,P,As)	Product Type	Surface Treatment	Condition	Accessibility
	AA002162 (S)	N/A	N/A	N/A	N/A
		Material Risk Score			
	N/A				
Recommended action	No further action required				
Surveyor comments	N/A				

KEY:

S – Sampled, P – Presumed, SP – Strongly Presumed, AS – Cross reference to former sample

Appendix 3 - Areas Surveyed

Building	Floor	Room No:	Room Type	Item
Admin Block	External	E/01	Externals	timber roof deck, timber fascias, timber wall cladding, timber canopy, plastic rainwater goods, timber canopy
Admin Block	Ground Floor	G/01	Reception	plasterboard ceiling, fibreboard walls, timber suspended floor, concrete floor, timber skylight surround, timber door surround, modern electrics
Admin Block	Ground Floor	G/02	Staff Room	void above: timber underside of roof, mmmf & foam lagged pipework, timber framework, mmmf cavity insulation. below void: plasterboard ceiling, fibreboard & timber walls, carpet floor covering, timber suspended floor, concrete floor
Admin Block	Ground Floor	G/03	I.T Suite	plasterboard ceiling, fibreboard & timber walls, concrete floor
Admin Block	Ground Floor	G/04	Kitchen	plasterboard ceiling, timber & fibreboard walls, quarry tile floor covering, concrete floor, timber boxing
Admin Block	Ground Floor	G/05	Classroom	plasterboard ceiling, fibreboard & timber walls, carpet floor covering, concrete floor
Admin Block	Ground Floor	G/06	Circulation & Store	plasterboard ceiling, timber & fibreboard walls, carpet & modern lino floor covering, concrete floor
Admin Block	Ground Floor	G/07	Meeting Room	plasterboard ceiling, timber & fibreboard walls, carpet floor covering, concrete floor
Admin Block	Ground Floor	G/08	Store	plasterboard ceiling, timber & fibreboard walls, modern lino floor covering, concrete floor, timber boxing
Admin Block	Ground Floor	G/09	Circulation	plasterboard ceiling, timber & fibreboard walls, carpet floor covering, concrete floor, timber skylight surround
Admin Block	Ground Floor	G/10	Learning Zone	plasterboard ceiling, timber & fibreboard walls, carpet floor covering, concrete floor, timber skylight surround
Admin Block	Ground Floor	G/11	Store	void above: timber underside of roof, timber walls, mmmf pipe lagging, mmmf insulation. below void: mmmf suspended ceiling, timber & fibreboard walls, linoleum floor covering, concrete floor, timber boxing, timber panels to walls
Admin Block	Ground Floor	G/12	Classroom & Store	plasterboard ceiling, timber & fibreboard walls, carpet & modern lino floor covering, concrete floor, fibreboard boxing
Admin Block	Ground Floor	G/13	Office	plasterboard ceiling, timber & fibreboard walls, carpet floor covering, concrete floor, timber skylight surround, modern electrics
Admin Block	Ground Floor	G/14	General Office & Store	plasterboard ceiling, fibreboard walls, timber suspended floor, concrete floor, timber skylight surround, timber door surround, modern electrics

Appendix 3 - Areas Surveyed (cont)

Building	Floor	Room No:	Room Type	Item
Admin Block	Ground Floor	G/15	Male W.C	plasterboard ceiling, plasterboard & fibreboard walls, modern lino & quarry tile floor covering, concrete floor, ceramic cistern, mmmf lagged pipework, modern tank
Admin Block	Ground Floor	G/16	Disabled W.C	plasterboard ceiling, plasterboard & fibreboard walls, modern lino & quarry tile floor covering, concrete floor, ceramic cistern
Admin Block	Ground Floor	G/17	Female W.C	plasterboard ceiling, plasterboard & fibreboard walls, modern lino (2 layers) floor covering, concrete floor, ceramic cisterns, timber boxing

Appendix 4 – Analysis Certificates

Sentinel Environmental Consultancy Limited
Head Office : Unit 17 Gwenfro, Technology Park, Wrexham, LL13 7YP

Certificate of Analysis

Asbestos Fibre Identification in Bulk Sample

Client: Consilium Academies
Address: Consilium Academies, 5thFloor, One City
Approach, Albert Street, Eccles, Salford, M30 0BL
Project /Certificate Reference : J008822
Version Number : 1

Site Address: Admin Block, Armthorpe Academy, Mere
Lane, Armthorpe, Doncaster , DN3 2DA

Analyst Signature:



Analyst Name: Lucy Caroe

Samples Collected by: Declan Hughes
Date Samples Received: 5 Aug 2021
Analysis Date: 5 Aug 2021
Certificate Issue Date: 5 Aug 2021

Asbestos Fibre Type :

Chrysotile= "White asbestos", Amosite= "Brown asbestos", Crocidolite = "Blue asbestos" Refer to H.S.E. publication HSG 264, for the approximate percentage asbestos content within the presumptive product type.

Analysis Method :

The analysis of the sample(s) detailed on this report is UKAS accredited. Analysis was performed in accordance with our internal Technical Operating Procedures and Health & Safety Executive publication HSG 248 at our Head Office.

Disclaimer :

Any interpretations or opinions expressed in this report are outside the scope of UKAS accreditation. The stated "presumptive product type" is a subjective assessment by our analyst, it is not determined by measurement and it is an opinion. Sentinel Environmental cannot accept responsibility for any discrepancy or inaccuracy arising from collection or labelling of samples by the client. Samples are retained for 6 months only after the analysis date unless requested or contracted otherwise.

Version Revision / Changes : None

Authorisation Signature :



Daniel Roberts - Director

Sentinel Environmental Consultancy Limited
 Head Office : Unit 17 Gwenfro, Technology Park, Wrexham, LL13 7YP

Certificate of Analysis

Project /Job Reference : J008822
 Certificate Issue Date : 05/08/2021

Version Number : 1

Results

Project Reference	Sample Location and Description	Asbestos Fibre Type	Presumptive Product Type
AA002142	Admin Block, Ground Floor, Reception – insulating board	Chrysotile	Asbestos Insulating Board
AA002143	Admin Block, Ground Floor, Reception – putty	No Asbestos Detected	Reinforced Composite
AA002144	Admin Block, Ground Floor, Reception – bituminous lining	Chrysotile	Well Bound Material
AA002145	Admin Block, Ground Floor, Reception – thermoplastic tile & adhesive (asbestos adhesive only)	Chrysotile	Reinforced Composite
AA002146	Admin Block, Ground Floor, I.T Suite – thermoplastic floor tile & adhesive	No Asbestos Detected	Reinforced Composite
AA002147	Admin Block, Ground Floor, Kitchen – bituminous pad	Chrysotile	Well Bound Material
AA002148	Admin Block, Ground Floor, Classroom – thermoplastic floor tiles & adhesive (asbestos adhesive only)	Chrysotile	Reinforced Composite
AA002149	Admin Block, Ground Floor, Circulation & Store – bituminous adhesive	No Asbestos Detected	Well Bound Material
AA002150	Admin Block, Ground Floor, Circulation & Store – thermoplastic floor tiles (white) & adhesive (asbestos adhesive only)	Chrysotile	Reinforced Composite

Please Refer to Page 1 of Certificate of Analysis for pertinent details. This Report is only Valid when issued as a complete document with authorising signature on Page 1.

Sentinel Environmental Consultancy Limited
 Head Office : Unit 17 Gwenfro, Technology Park, Wrexham, LL13 7YP

Certificate of Analysis

Project /Job Reference : J008822
 Certificate Issue Date : 05/08/2021

Version Number : 1

Results

Project Reference	Sample Location and Description	Asbestos Fibre Type	Presumptive Product Type
AA002151	Admin Block, Ground Floor, Circulation & Store – thermoplastic floor tiles (black) & adhesive (asbestos adhesive only)	Chrysotile	Reinforced Composite
AA002152	Admin Block, Ground Floor, Circulation – thermoplastic tile & adhesive	No Asbestos Detected	Well Bound Material
AA002153	Admin Block, Ground Floor, Store – insulating board	No Asbestos Detected	Non Asbestos Insulating Board
AA002154	Admin Block, Ground Floor, Classroom & Store – thermoplastic floor tiles (black) & adhesive (asbestos adhesive only)	Chrysotile	Reinforced Composite
AA002155	Admin Block, Ground Floor, Office – thermoplastic floor tile bituminous & adhesive (asbestos adhesive only)	Chrysotile	Reinforced Composite
AA002156	Admin Block, Ground Floor, Office – thermoplastic floor tile & bituminous adhesive (asbestos adhesive only)	Chrysotile	Reinforced Composite
AA002157	Admin Block, Ground Floor, General Office & Store – thermoplastic tile & adhesive	No Asbestos Detected	Reinforced Composite
AA002158	Admin Block, External, Externals – bituminous felt	No Asbestos Detected	Well Bound Material
AA002159	Admin Block, External, Externals – bituminous seal	No Asbestos Detected	Well Bound Material

Please Refer to Page 1 of Certificate of Analysis for pertinent details. This Report is only Valid when issued as a complete document with authorising signature on Page 1.

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Certificate of Analysis

Project /Job Reference : J008822
Certificate Issue Date : 05/08/2021

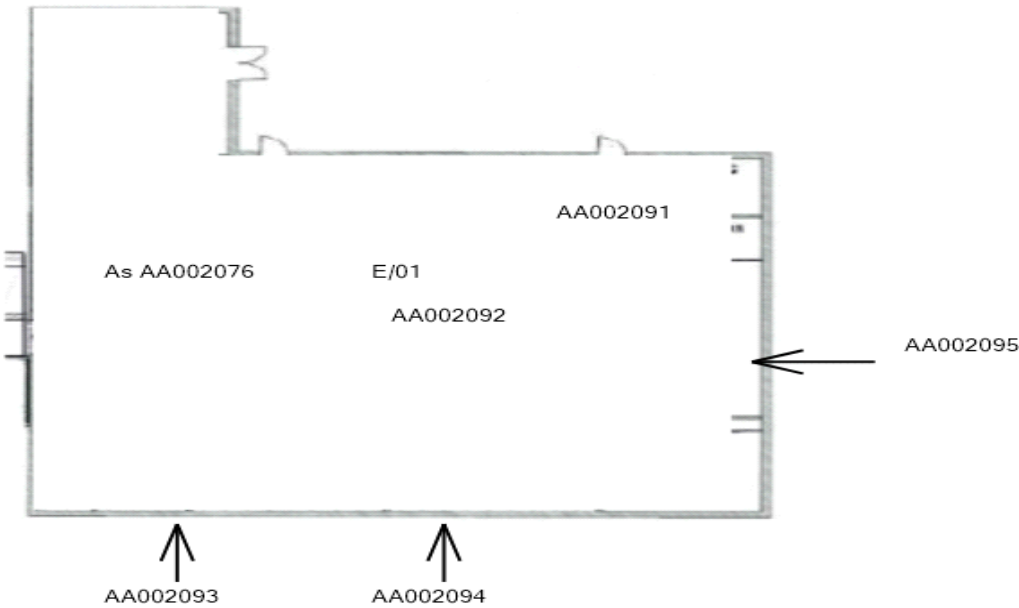
Version Number : 1

Results

Project Reference	Sample Location and Description	Asbestos Fibre Type	Presumptive Product Type
AA002160	Admin Block, External, Externals – textured coating	No Asbestos Detected	Textured Coating
AA002161	Admin Block, External, Externals – textured coating	No Asbestos Detected	Textured Coating
AA002162	Admin Block, External, Externals – bituminous	No Asbestos Detected	Reinforced Composite
AA002163	Admin Block, External, Externals – putty	No Asbestos Detected	Reinforced Composite

Please Refer to Page 1 of Certificate of Analysis for pertinent details. This Report is only Valid when issued as a complete document with authorising signature on Page 1.

Appendix 5 – Plans



Client: Consilium Academies
Site: Admin Block
Building: Admin Block
Floor: External
UPRN No: N/A

Plan Key:

Red Text = Positive Item

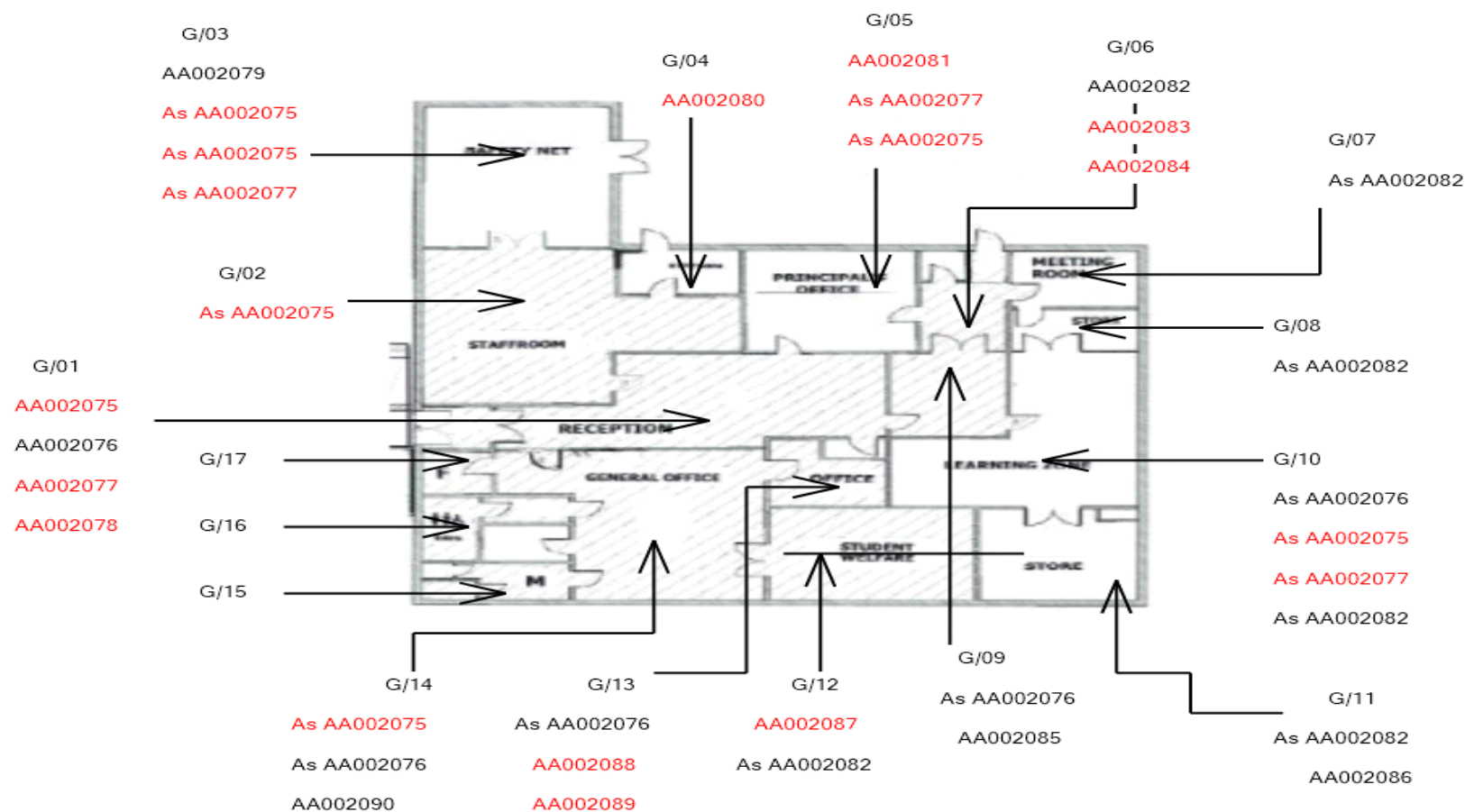
Blue Text = No Access Item

Black Text = No Asbestos Detected Item

Positive or Strongly Presumed Asbestos in area / room

No Access within or to area / room





Client: Consilium Academies

Site: Admin Block

Building: Admin Block

Floor: Ground Floor

UPRN No: N/A

Plan Key:



Red Text = Positive Item

Blue Text = No Access Item

Black Text = No Asbestos Detected Item

Positive or Strongly
Presumed Asbestos
in area / roomNo Access within or
to area / room

Appendix 6 – Survey Intrusion Photographs

			
Intrusive inspection to external cladding	Warm air system intrusion	Ceiling intrusion	Ceiling void intrusion
			
Intrusion into heater	Riser boxing intrusion	Intrusion into partition wall	Intrusion below fixed floor coverings
			
Intrusion to external wall cavity	Intrusion below suspended floor	Intrusion within riser boxing	