



GeoShield Verification Report 1



PROJECT REFERENCE:

GEO105226

PROJECT ADDRESS:

European Screeding Ltd
New School Building, North Huddersfield Trust
School,
Woodhouse Hall Road,
Huddersfield,
HD2 1DJ

SPECIFICATION:

Verified in accordance with CIRIA 735.

Design in accordance with BS8485 2015 + 2019
for Methane and Carbon Dioxide.

Substrate prepared in accordance with
manufacturer's instructions.

MATERIAL SPECIFICATION:

Visqueen Standard Gas Barrier
Visqueen GRSAM
Visqueen Ultimate DPC
Visqueen Foil Lap Tape
Visqueen Double Sided Butyl Tape



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NAME OF SURVEYOR:

Niall Hogan

VERIFICATION COMPANY:

GeoShield Limited

COMPANY ADDRESS:

Icon Business Centre

4100 Park Approach, Thorpe Park

Leeds

LS15 8GB

CONTACT NUMBER:

EMAIL ADDRESS:



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CLIENT DETAILS

CLIENT CONTACT: Lisa Cooke

CONTACTS ROLE: European Screeding Ltd

MOBILE PHONE:

EMAIL ADDRESS:

CLIENT CONTACT:

CONTACTS ROLE:

MOBILE PHONE:

EMAIL ADDRESS:

NOTES:



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APPLICATOR'S DETAILS

APPLICATOR NAME: Tony

COMPANY: European Screeding Ltd

APPLICATOR TEL:

APPLICATOR EMAIL:

APPLICATOR NAME:

COMPANY: European Screeding Ltd

APPLICATOR TEL:

APPLICATOR EMAIL:

NOTES:

At least one member of each team group will have a NVQ Level 2 qualification in gas membrane installation.

All installers are deemed competent and skilled to complete the installation of gas membranes.



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INSPECTION AREA(S)

New School Building - Infills

SITE CONDITIONS

WEATHER: Sunny

TEMPERATURE: 8°C

TIME: 08:00 - 09:00

DATE: 02.04.2025

REPORT NUMBER: 001

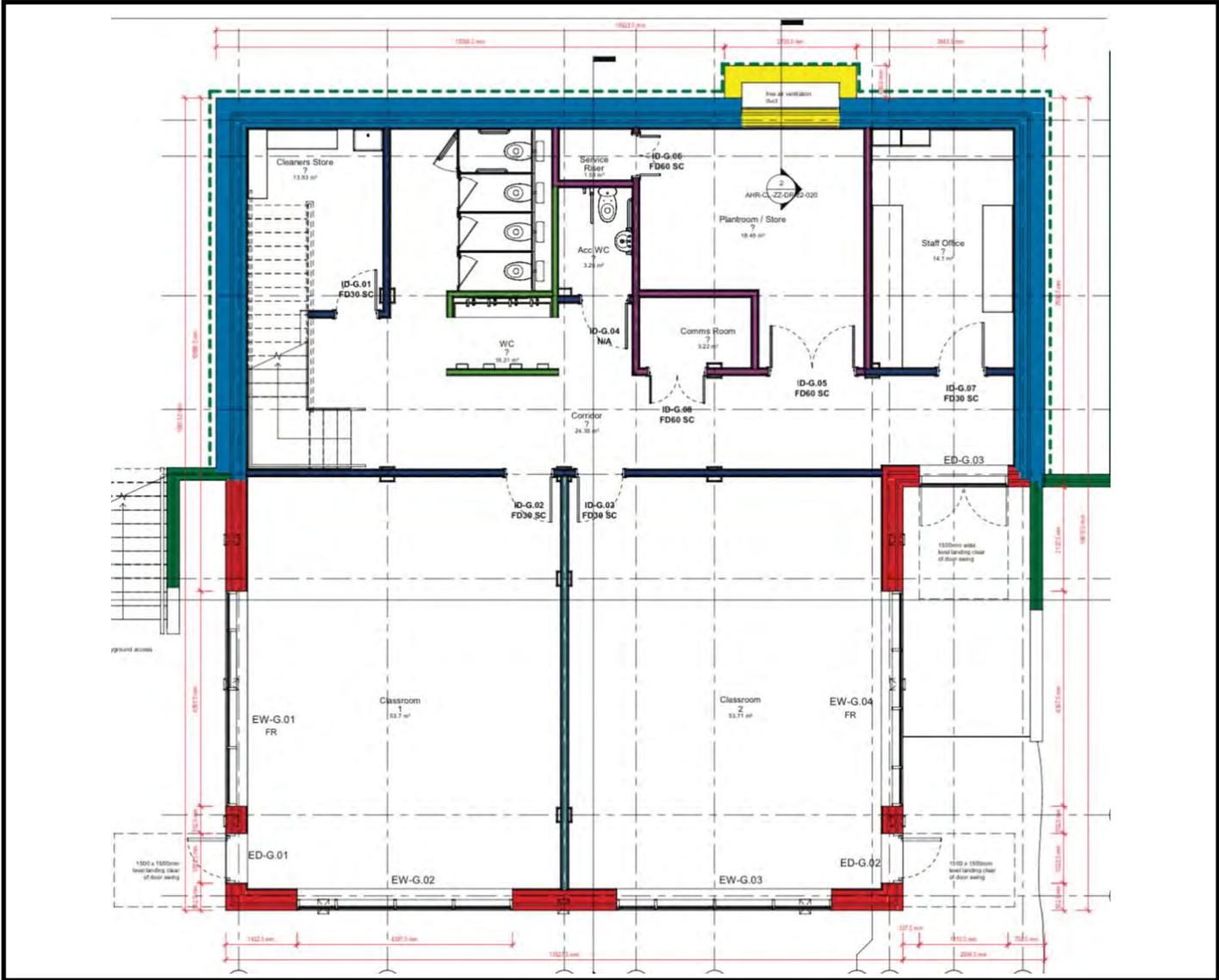
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VERIFICATION LAYOUT



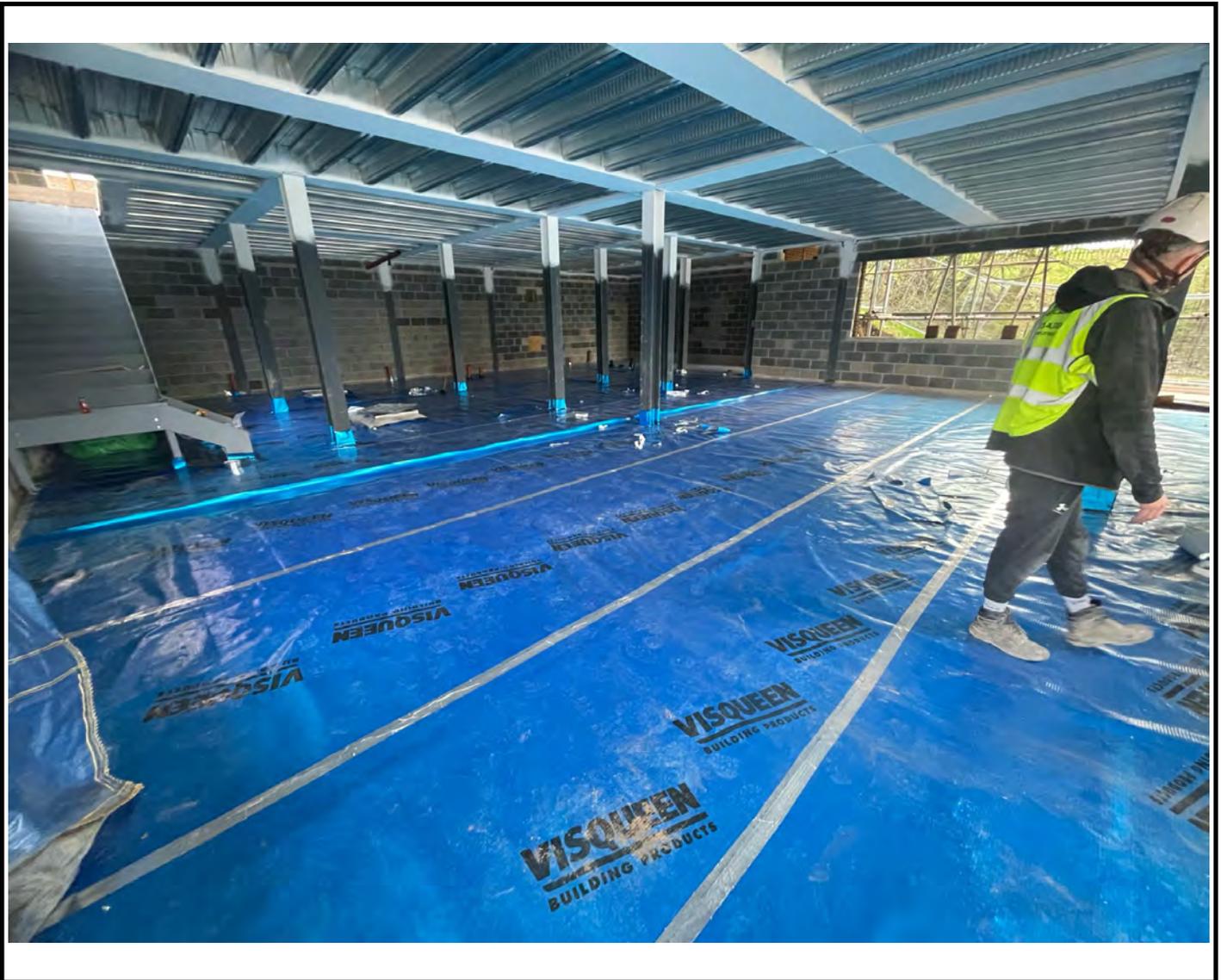
The image above shows a plan layout of the new school building where the verification inspection took place on site today.

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OVERVIEW



The photograph above displays an overview of the area where today's verification inspection took place on site.



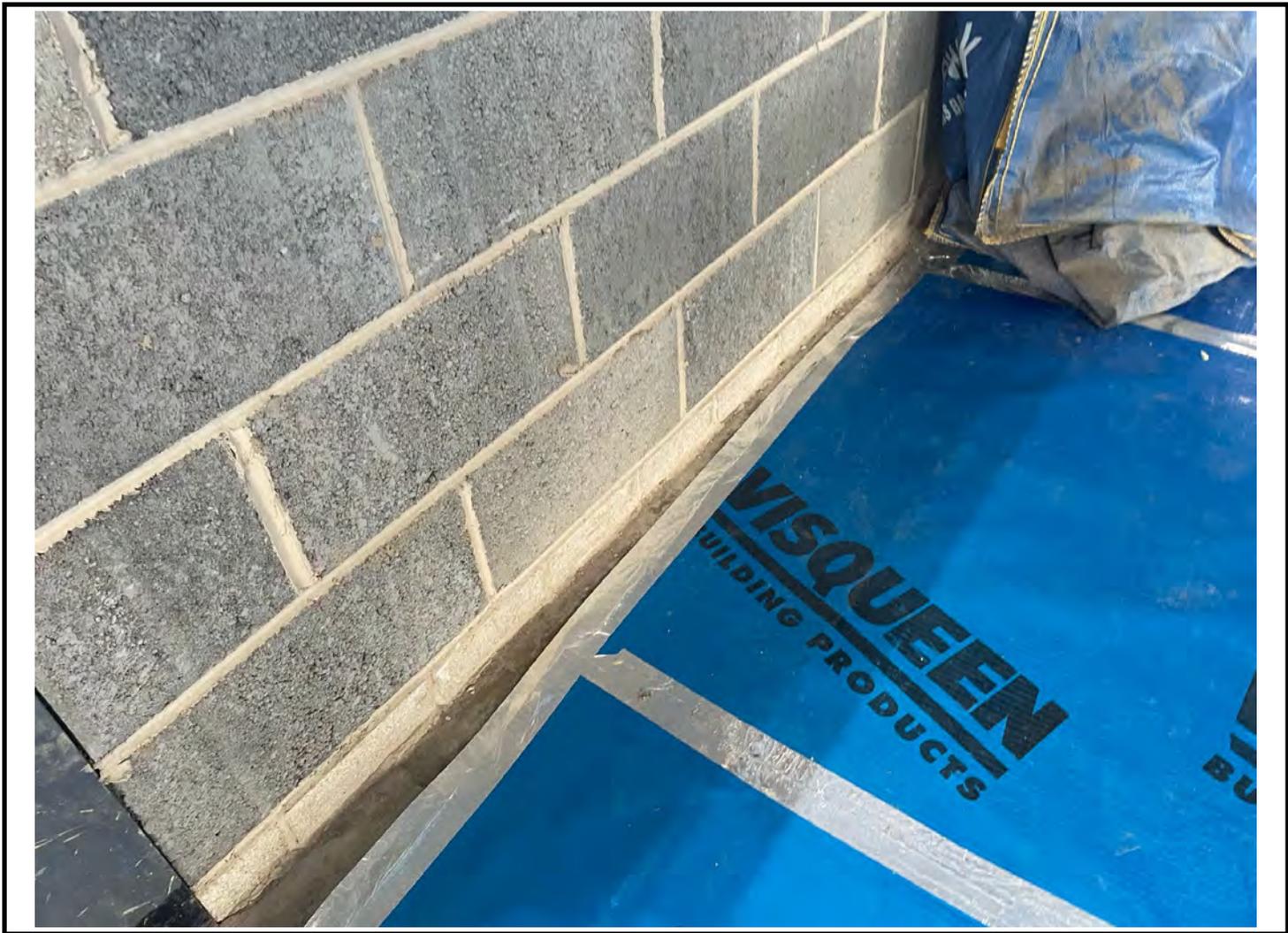
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LIMITATIONS / RESTRICTIONS

INSPECTED AREA:

New School Building - Perimeters



The perimeter membrane had already been installed and brickwork built up prior to European Screeding entering site therefore, GeoShield were unable to verify the installation of Visqueen Ultimate DPC to the perimeters.



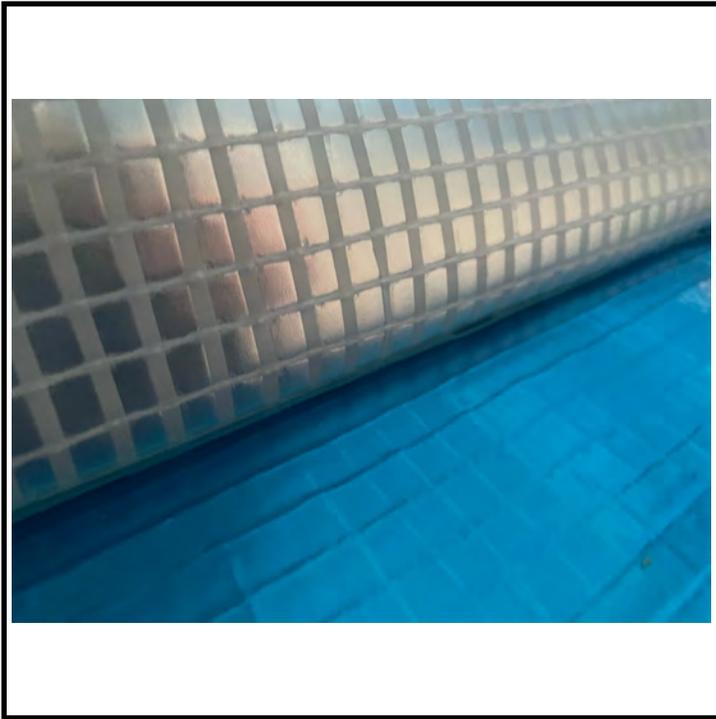
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VERIFICATION ITEM ONE

AREA INSPECTED: New School Building - Infills

INSPECTION DETAILS: Installation of Visqueen Standard Gas Barrier - Lap Joints



NOTES:
Infills of the Visqueen Standard Gas Barrier have been installed across the footprint of the new school building. All lap joints between the adjacent sheets of Visqueen Standard Gas Barrier have been overlapped a minimum of 150mm, conforming to manufacturer's specifications, and sealed using a dual

NOTES:
taped system consisting of Visqueen Pro Double Sided Butyl Tape beneath the overlaps of the adjacent sheets and over-taped using Visqueen Foil Lap Tape. Thorough visual inspections, supported by mechanical point stress testing were conducted upon all taped overlaps. No faults or defects were identified.



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VERIFICATION ITEM TWO

AREA INSPECTED: New School Building - Infills

INSPECTION DETAILS: Steel Stanchions & Pipe Penetrations



NOTES:
Throughout the infill installation of the Visqueen Standard Gas Barrier to the referenced area, there were a number of pipe penetrations and steel stanchions that required sealing. The installers have not been supplied with the correct materials and have attempted to seal the details with

NOTES:
Visqueen Standard Gas Barrier, Visqueen Double Sided Butyl Tape and Visqueen Foil Lap Tape, as shown in the above photographs.
These materials are not sufficient to achieve a reliable gas resistant seal.

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VERIFICATION ITEM TWO



GeoShield have advised the site management to acquire Visqueen GRSAM to seal the pipe penetrations and steel stanchions to the correct specification. Once complete, the pipe penetrations and steel stanchions will require verification prior to sign off being achieved.



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REMEDIATION LOG

Date	No.	Remediation Description	Y/N
02/04/2025	001	Stanchions & Pipe Penetrations to be sealed with Visqueen	
		GRSAM prior to infills of the new school building achieving sign off.	



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VERIFICATION SUMMARY

This was the first visit to the site where verification was required for the infill installation of the Visqueen Standard Gas Barrier within the new school building.

All overlaps between the adjacent sheets of Visqueen Standard Gas Barrier have been successfully sealed using a dual taped system, consisting of Visqueen Pro Double Sided Butyl Tape beneath the overlaps and over-taped using Visqueen Foil Lap Tape.

Thorough mechanical point stress testing conducted upon all lap joints identified no faults or defects.

Outstanding Remediations:
 - Pipe penetrations & stanchions have not been sealed correctly due to the installers not being supplied with the correct materials. All details require sealing with Visqueen GRSAM. This has caused a failed visit. Site management have been advised to seal all details using Visqueen GRSAM. Once complete, a further verification visit will be required prior to sign off being achieved.

Is the project ready for handover?	No
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This was tested in accordance with CIRIA 735.

GEOSHIELD SIGNATURE

DATE: 02-Apr-2025