



GeoShield Verification Report 2



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:

Nigel White

VERIFICATION COMPANY:

GeoShield Limited

COMPANY ADDRESS:

Icon Business Centre

4100 Park Approach, Thorpe Park

Leeds

LS15 8GB

CONTACT NUMBER:

[Redacted]

EMAIL ADDRESS:

[Redacted]



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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 - Remediations

SITE CONDITIONS

WEATHER: Sunny / Dry

TEMPERATURE: 12°C

TIME: 11:00 - 11:45

DATE: 03.04.2025

REPORT NUMBER: 002

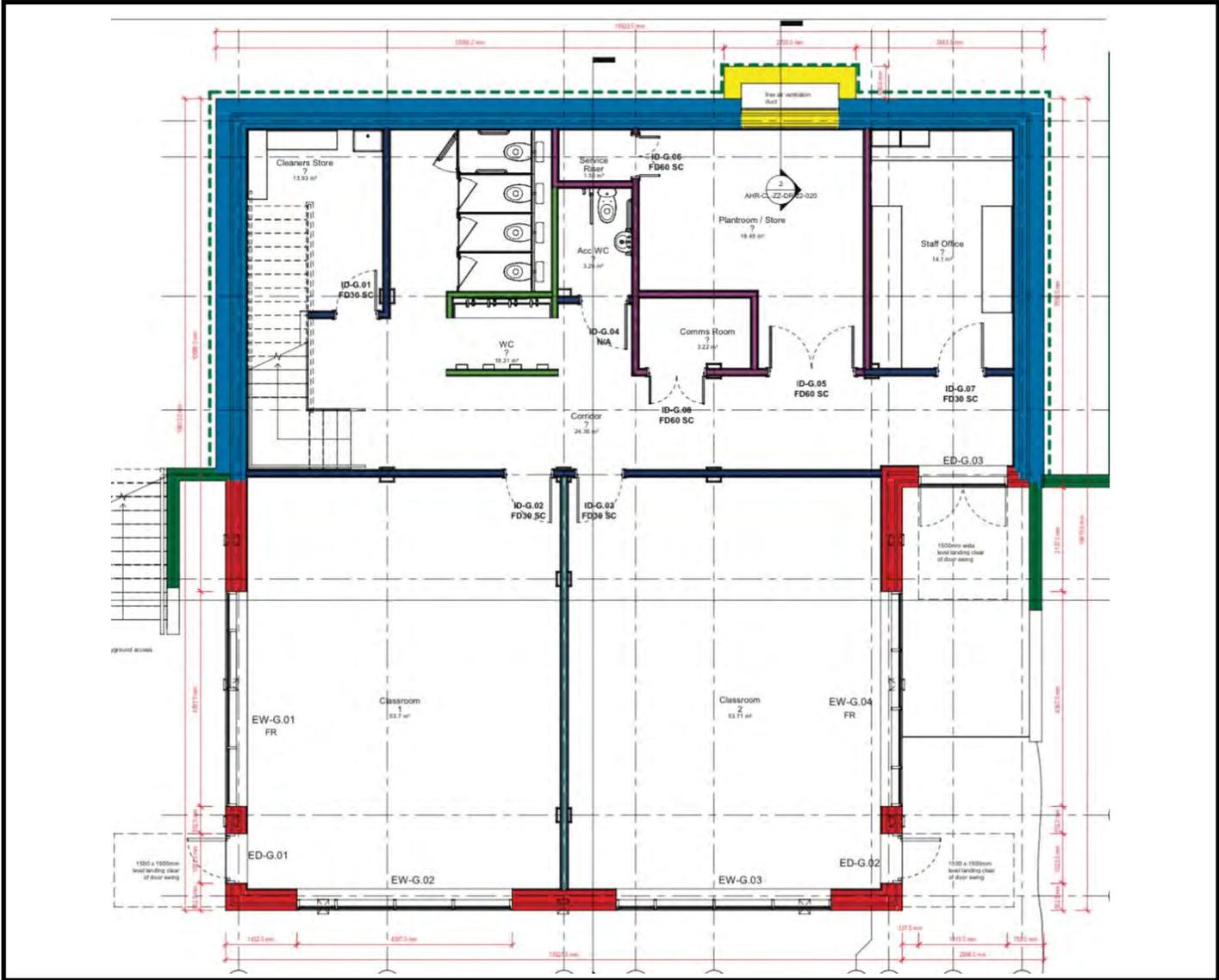
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VERIFICATION LAYOUT



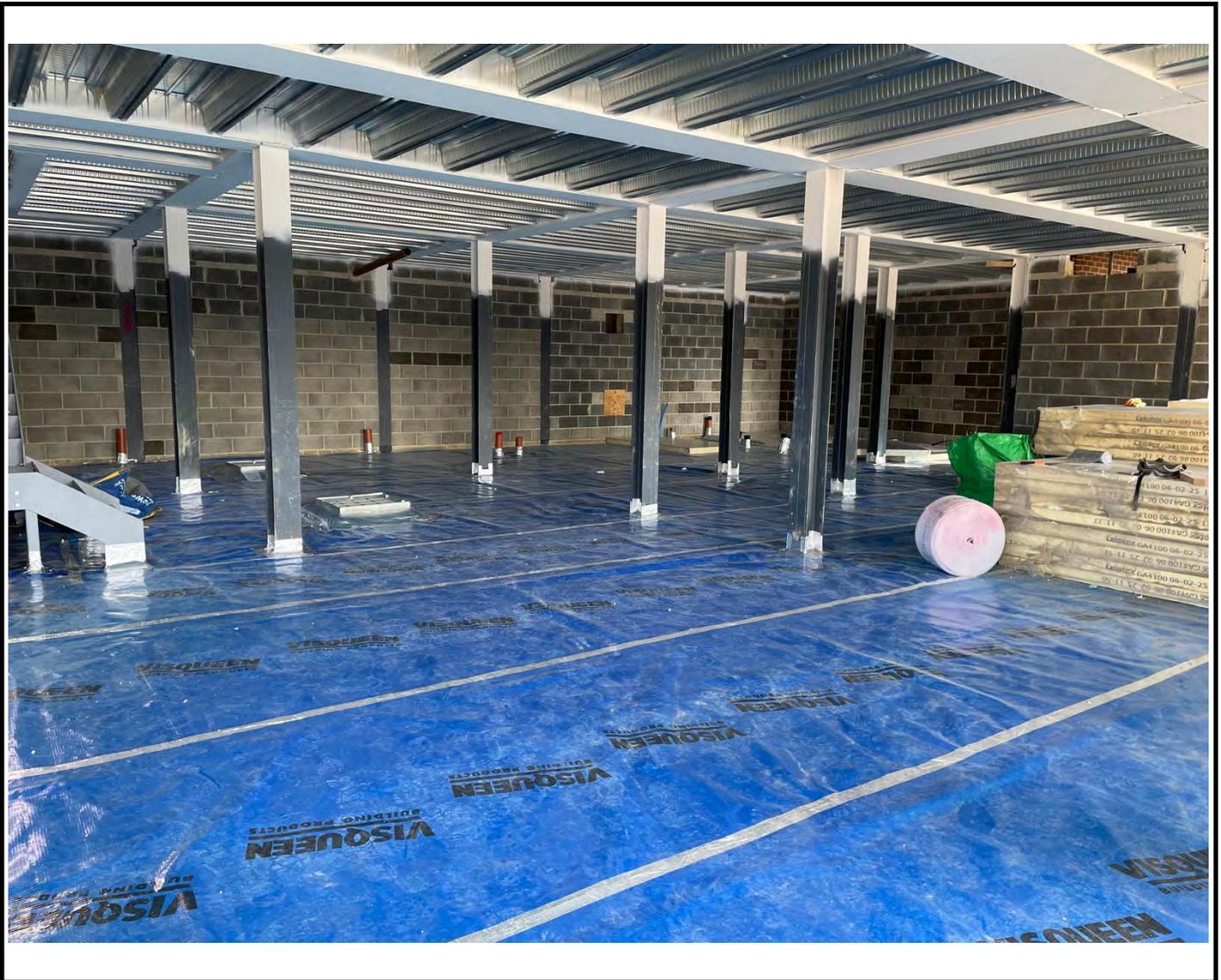
The image above shows a plan layout of the new school building where the verification inspection took place on site today.

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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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VERIFICATION ITEM ONE

AREA INSPECTED: New School Building - Remediations

INSPECTION DETAILS: Pipe Penetrations



NOTES:
Following a failed verification inspection during the previous visit, the pipe penetration and steel stanchion detailing has now been completed. GeoShield were appointed to carry out the testing of sealed details. The sealing of the details has been achieved using Visqueen GRSAM, which is gas resistant self adhesive membrane.

NOTES:
The installers have first cut the Visqueen Standard Gas Barrier tight around the base of each pipe penetration to minimise voided areas. Strips of Visqueen GRSAM are heated and rolled into position around the base of the pipe penetrations, onto the Visqueen Standard Gas Barrier. Firm rolled pressure is applied with a silicone

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VERIFICATION ITEM TWO



roller to ensure the Visqueen GRSAM had fully bonded and a continuous gas resistant seal has been achieved. Thorough visual inspections, supported by mechanical point stress testing conducted upon the pipe penetrations identified no faults or defects.
Tested and verified in accordance with CIRIA 735.



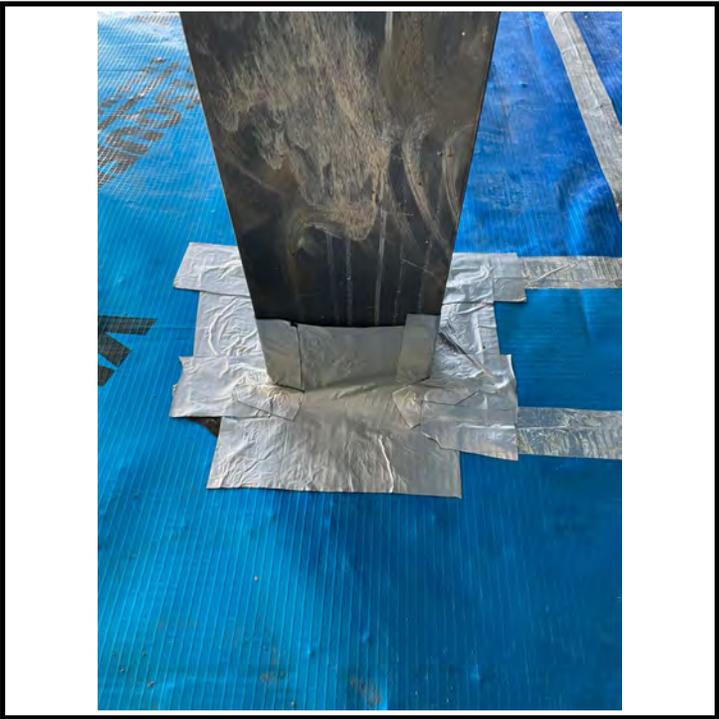
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VERIFICATION ITEM TWO

AREA INSPECTED: New School Building - Remediations

INSPECTION DETAILS: Steel Stanchions



NOTES:
All steel stanchions throughout the building have been sealed in accordance with manufacturer's specifications and design guidelines. Again, this has been achieved using Visqueen GRSAM. The installers have first cut the Visqueen Standard Gas Barrier tight around the concrete base of each steel stanchion to minimise voided areas.

NOTES:
Next, patches of Visqueen GRSAM are placed intricately around the base of the steel stanchion and onto the Visqueen Standard Gas Barrier. Adequate heat and firm rolled pressure are applied to ensure the Visqueen GRSAM has fully bonded.

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VERIFICATION ITEM TWO



All steel stanchions throughout the referenced area were subjected to thorough visual inspection and mechanical point stress testing, where no faults or defects were identified. All remedial works throughout the proposed new school building have been verified and sign off has been achieved.

Tested and verified in accordance with CIRIA 735.



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VERIFICATION SUMMARY

This was the second visit to the site where verification was required for the remedial works to seal the pipe penetrations and steel stanchions within the new school building.

All pipe penetrations and steel stanchions have been successfully sealed using Visqueen GRSAM, which is gas resistant self adhesive membrane. Adequate heat and firm rolled pressure have been applied to ensure the Visqueen GRSAM has fully bonded.

Thorough visual inspections, supported by mechanical point stress testing were conducted upon all sealed pipe penetrations and steel stanchions throughout the area. No faults or defects were identified.

There are no outstanding remediations.

This project is ready for handover.

Is the project ready for handover?	Yes
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This was passed and verified in accordance with CIRIA 735 and installed to BS8485:2015+A1 2019.

GEOSHIELD SIGNATURE

DATE: 03-Apr-2025