



GEOSHIELD Verification Report



PROJECT REFERENCE:

GEO102718

REPORT NUMBER:

007

PROJECT:

Phase 3:Clarendon Road, GR DPC installation.

PROJECT ADDRESS:

Hornsey

North London.

MEMBRANE SPECIFICATION:

Verified in accordance CIRIA 735.

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

Substrate prepared in-accordance with manufactures instructions and BS8485

Pudlo GB DPC

Pudlo Ultra tape (double sided butyl tape)



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APPLICATION TEAM LEADERS

APPLICATOR NAME: Hilmy

COMPANY: Landmark Brickwork.

APPLICATOR TEL:

APPLICATOR EMAIL:

APPLICATOR NAME:

COMPANY: Landmark Brickwork.

APPLICATOR TEL:

APPLICATOR EMAIL:

NOTES: The dedicated applicators are deemed suitably trained in the installation

NOTES: of mechanically fixed cavity tray systems. With experience from previous

NOTES: projects using similar products. Standard of works will be monitored

NOTES: throughout this project.



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CLIENT DETAILS

CLIENT CONTACT:

CONTACTS ROLE:

MOBILE PHONE:

EMAIL ADDRESS:



CLIENT CONTACT:

CONTACTS ROLE:

MOBILE PHONE:

EMAIL ADDRESS:

NOTES:

NOTES:

NOTES:



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VERIFICATION OFFICER: Brett Hattle

VERIFICATION COMPANY: GeoShield Limited

Icon Business Park, 4100 Park Approach

Thorpe Park, LEEDS

West Yorkshire

LS15 8GB

CONTACT NUMBER: 07387373167

EMAIL ADDRESS: bhattle@geoshield.co.uk

ORDER NUMBER:

PER VISIT: YES:

☐

NO:

☐

PROJECT: YES:



NO:

☐



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AREA SURVEYED: Threshold Detail - Block D2

SITE CONDITIONS:

WEATHER: Sunny

TEMPERATURE: 21c

MEMBRANE TEMPERATURE: N/a

RELATIVE HUMIDITY: N/a

TIME: 09.30-11.00

REPORT NUMBER: 007

DATE: 03/07/2023

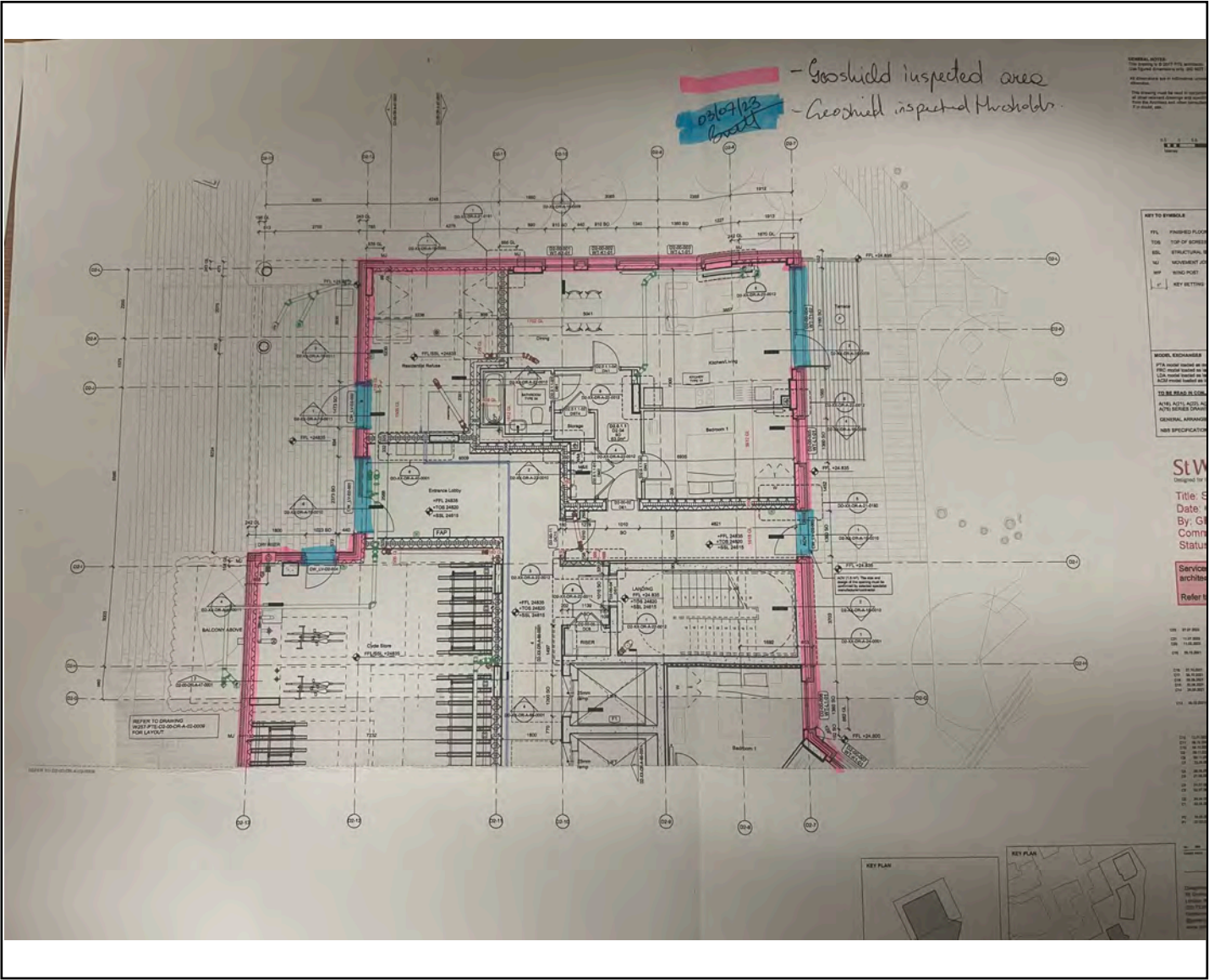
ACCOMPANIED George Macas @ Landmark Brickwork



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VERIFICATION LAYOUT



The photograph above shows a plan layout of the site.

The areas highlighted in blue shows where the verification inspection took place

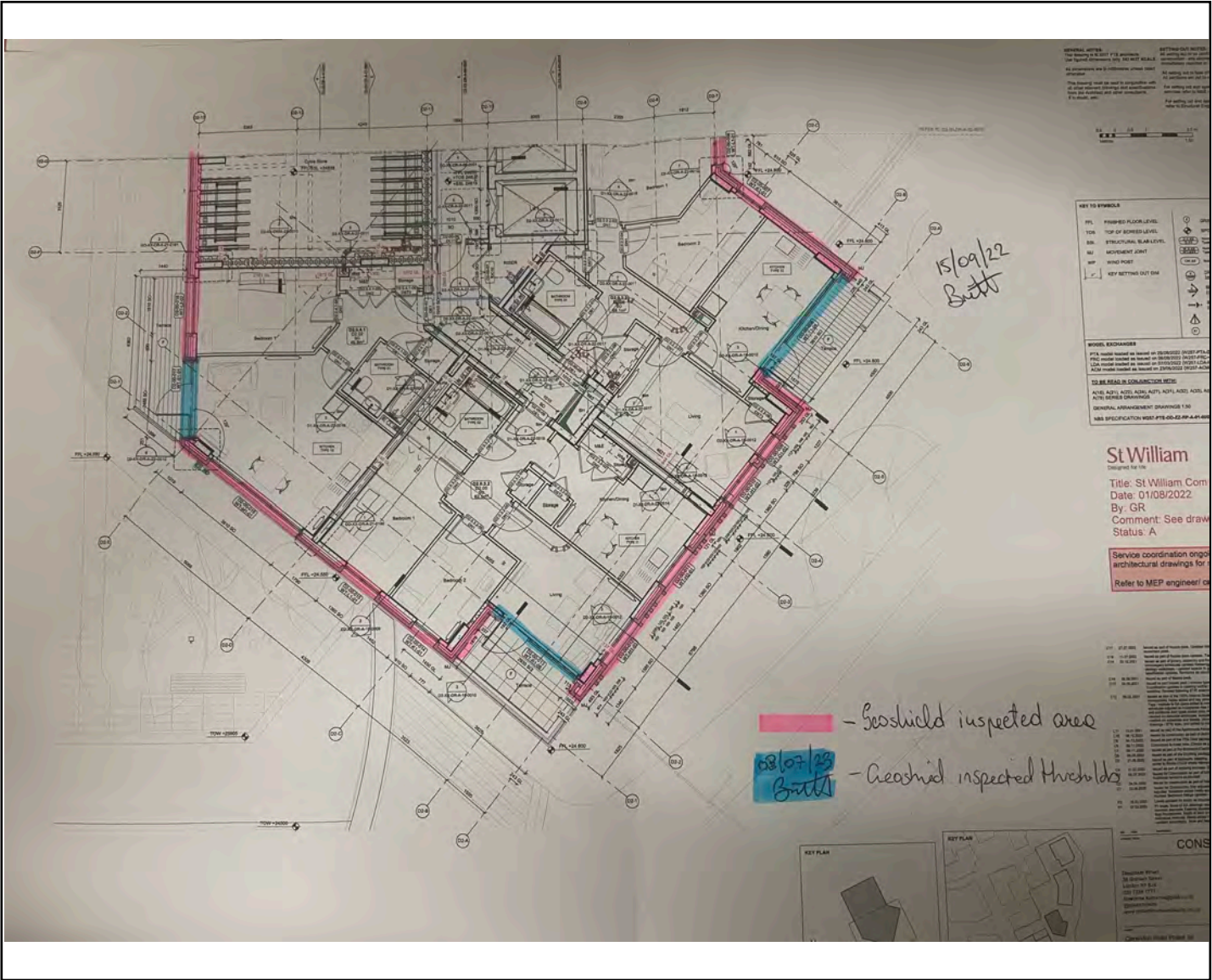
on site today. Threshold Detail - Block D2



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VERIFICATION LAYOUT



The photograph above shows a plan layout of the site.

The areas highlighted in blue shows where the verification inspection took place

on site today. Threshold Detail - Block D2



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OVERVIEW PHOTOGRAPHS



The photograph above displays an overview of where today's

verification inspection took place on site.

Threshold Detail - Block D2



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OVERVIEW PHOTOGRAPHS



The photograph above displays an overview of where today's

verification inspection took place on site.

Threshold Detail - Block D2



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OVERVIEW PHOTOGRAPHS



An alternate overview photograph of where the verification

inspection took place on site today.

Threshold Detail - Block D2



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VERIFICATION ITEM ONE

LOCATION/GRID LINE: Threshold Detail - Block D2

NOTES: Installation

The threshold has been sealed on the west elevation of block D2. Visqueen Ultimate

HC Blok been installed to the threshold area and adhered to the previously installed

Self Adhesive Membrane. Double sided butyl tape has been applied underneath the



DPC, a termination strap has then been mechanically fixed through the Ultimate HC Blok and the double sided butyl tape applied to complete the seal. The first photograph above displays an overview of the sealed threshold. The second photograph highlights the double sided butyl tape beneath the termination strap.

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BGA
British Geomembrane Association



VERIFICATION ITEM ONE



The photograph above displays a mechanical point stress test, also known as a pick and probe test, being conducted on the sealed threshold. A visual inspection and thorough pick and probe tests were carried out on all thresholds in the referenced area, no faults were identified. Tested and verified in accordance with CIRIA 735.



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VERIFICATION ITEM TWO

LOCATION/GRID LINE: Threshold Detail - Block D2

NOTES: Threshold Detail sealing to cavity tray

The Visqueen Ultimate HC Blok has been taken across the threshold, up the cavity and sealed to the cavity tray. The installation has been sealed using double sided butyl tape and termination straps mechanically fixed. The first photograph below evidences the



DPC installed to the cavity tray. The second photograph displays a mechanical point stress test being carried out on the corner returns which has been sufficiently sealed by the installers from Landmark Brickwork.

Tested and verified in accordance with CIRIA 735.

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VERIFICATION ITEM TWO



The photograph above displays a mechanical point stress test being conducted upon the termination strap that has been installed up the cavity wall. The threshold detail has been successfully sealed to ensure a gas resistant seal is achieved throughout the installation. Tested and verified in accordance with CIRIA 735.



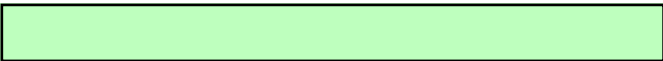
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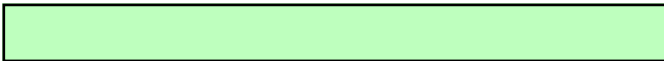
ADDITIONAL PHOTOGRAPHS



A pick and probe test



A pick and probe test

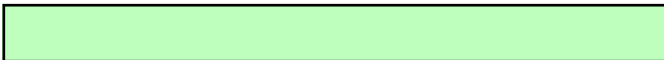


The sealed membrane into the

cavity tray



A pick and probe test





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REMEDIATION LOG

Date	Nr	Remediation Description	Y/N
14/06/2022	001	Block D1 threshold/stepped areas require sealing.	
		detail to be issued in regards to these areas.	
15/09/2022	002	Block D2 Window and Door thresholds require sealing.	
		(Waiting on detail from Pudlo)	
19/01/2023	003	X2 faults identified, remediated on-site.	✓
01/02/2023	004	X2 faults identified. Remediated on-site.	✓
		Threshold details to be sealed.	
18/05/2023	005	No faults were identified during this visit.	✓
25/05/2023	006	No faults were identified during this visit.	✓
03/07/2023	007	No faults or defects identified.	✓



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GAS MEMBRANE TESTING

VISUAL:	☐ YES	☒	☐ NO	☐	SMOKE TEST:	☐ YES	☐	☐ NO	☒
COMPRESSED AIR:	☐ YES	☐	☐ NO	☒	DILECTIC	☐ YES	☐	☐ NO	☒
DESTRUCTIVE:	☐ YES	☐	☐ NO	☒	OTHER:	☐ YES	☒	☐ NO	☐
Testing checklist attached:	☐ YES	☐	☐ NO	☐					

Gridline/Plot Sign off

Gridline/Plot Sign off	Block D1 Pudlo GB DPC	☒
Gridline/Plot Sign off	Block D2 - DPC perimeter installation.	☒
Gridline/Plot Sign off	Block D3 - Grid lines: D17-D11/DS, DK-DS/D17, DL-DS/D11.	☒
Gridline/Plot Sign off	Block D3 - Grid lines: DB/D1-D8, D8/DB-DJ, D1/DB-DJ	☒
Gridline/Plot Sign off	Block D1 - Threshold Detail, West Elevation	☒
Gridline/Plot Sign off	Block D1 - Threshold Detail	☒
Gridline/Plot Sign off	Block D2 - Threshold Detail	☒
Gridline/Plot Sign off		☐
Gridline/Plot Sign off		☐
Gridline/Plot Sign off		☐
Gridline/Plot Sign off		☐
Gridline/Plot Sign off		☐



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VERIFICATION SUMMARY

Today's visit to Clarendon Road, London was the seventh verification visit required to site to verify the installation of Visqueen Ultimate HC Blok to the thresholds in block D2. The Visqueen Ultimate HC Blok has been adhered to the previously installed self adhesive membrane using double sided butyl tape and mechanically fixed through the termination strap to complete the detail and ensure a complete gas resistant seal is achieved. All corners within the installation have been sealed sufficiently throughout.

Thorough visual pick and probe testing was conducted with no faults or defects identified at the time of the inspection.

Tested and verified in accordance with CIRIA 735.

GEOSHIELD SIGNATURE:

DATE: 03/07/2023