



GEOSHIELD Verification Report



PROJECT REFERENCE: GEO1001700/KC/P

PROJECT: Porcelenosa: Kenwood Construction

PROJECT ADDRESS: 21 Rose Kiln Lane

Reading

RG1 6SP

MEMBRANE SPECIFICATION: Gas membrane to specification BS8485 2015

Installed to CIRIA 735

Hydroprufe 9000

Hydroprufe 8000

Dual Tape

Girth Tape

Foil backed detailing tape

Hydroprufe LG Liquid Gas Membrane

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MEMBRANE SPECIFICATION:

DESIGN DETAILS:

31363/5002/003 C1 Foundations and ground floor plan

31363/5002/020 C2 Substructure Sections

365001 Rev A

365002 Rev A

365003 Rev A

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SURVEYOR:

Chris Kynman

VERIFICATION COMPANY:

GeoShield Limited

Hoyle Mill Road

Kinsley

West Yorkshire

WF9 5JB

CONTACT NUMBER:

07387 373 167

EMAIL ADDRESS:

Chris.kynman@geoshield.co.uk

ORDER NUMBER:

PER VISIT: YES:

☐

NO:

☐

PROJECT: YES:



NO:

☐

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CLIENT DETAILS

CLIENT CONTACT: Stephen Gatehouse

CONTACTS ROLE: Project Manager

MOBILE PHONE: 07887983302 / 01553 776543

EMAIL ADDRESS: Stephengatehouse@chalcroft.co.uk

CLIENT CONTACT:

CONTACTS ROLE:

MOBILE PHONE:

EMAIL ADDRESS

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APPLICATION TEAM LEADERS

APPLICATOR NAME: Tony Groves: Foreman

COMPANY: Nick Kenward Construction Limited

APPLICATOR TEL: 07730 575862

APPLICATOR EMAIL:

APPLICATOR NAME: Frank Holman

COMPANY: Nick Kenward Construction Limited

APPLICATOR TEL: 07917 688078

APPLICATOR EMAIL:

NOTES:

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AREA SURVEYED: A/B - 4/7

SITE CONDITIONS:

WEATHER: Cloudy

TEMPERATURE: 13C

MEMBRANE TEMPERATURE: N/A

RELATIVE HUMIDITY: 63%

TIME: 10.30am - 11.30am REPORT NUMBER: 003

DATE: 3rd April 2017

ACCOMPANIED Stephen Gatehouse

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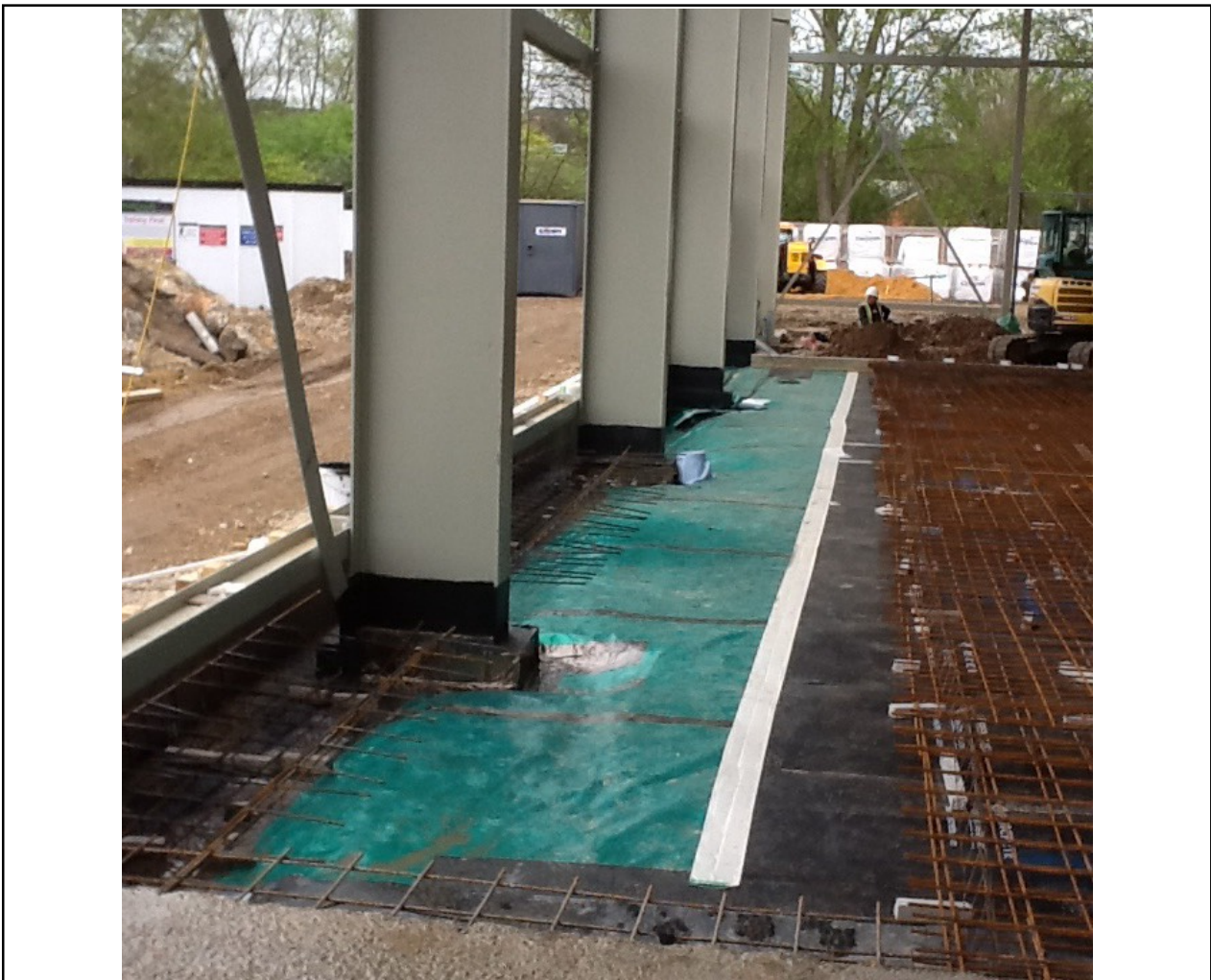
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OVERVIEW PHOTOS



Overview A/B - 4/7

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OVERVIEW PHOTOS



Opposing end view

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LIMITATIONS

SURVEY AREA: A/B - 4/7

RESTRICTIONS AND LIMITATIONS:

All applications were available for Verification

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LIMITATIONS

SURVEY AREA: N/A

RESTRICTIONS AND LIMITATIONS:

No limitations or restrictions

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VERIFICATION ITEM ONE

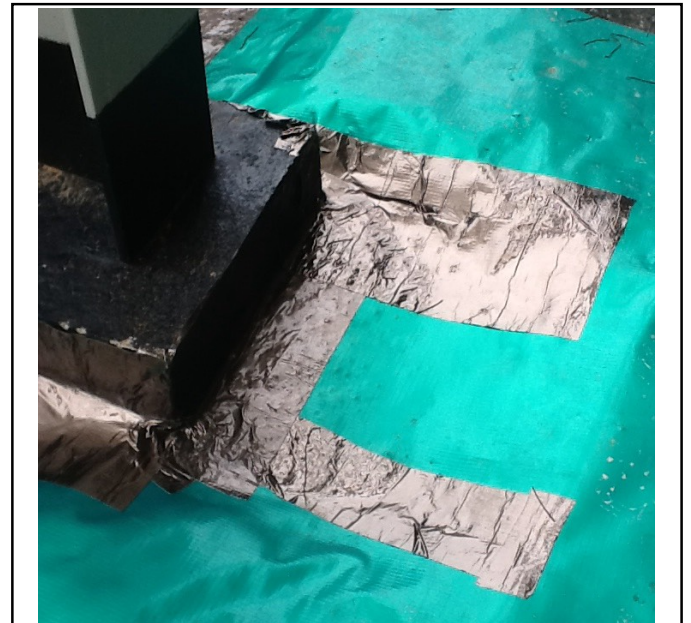
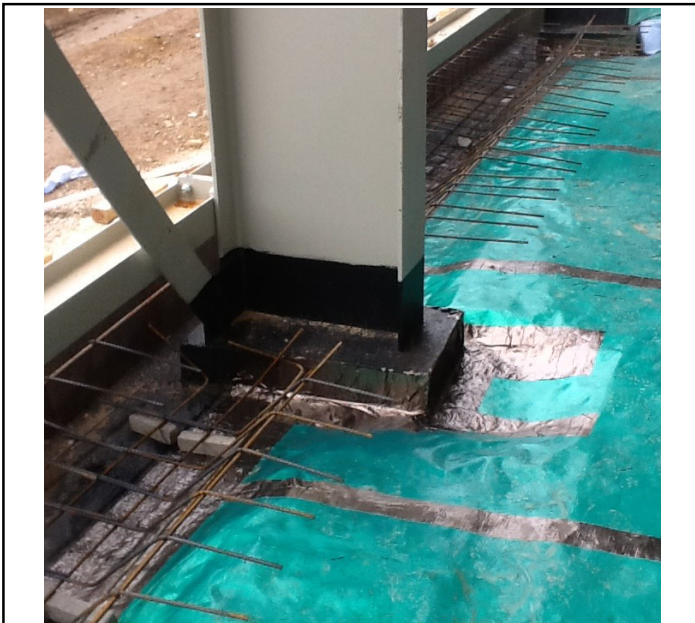
LOCATION/GRID LINE: 5-A

NOTES:

Columns near Edge , detailed to specification

Hydroprufe 9000 linked to edge via GR girth tape and application of Hydroprufe LG to

Columns



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VERIFICATION ITEM ONE



Overview (foreground) of detailed column

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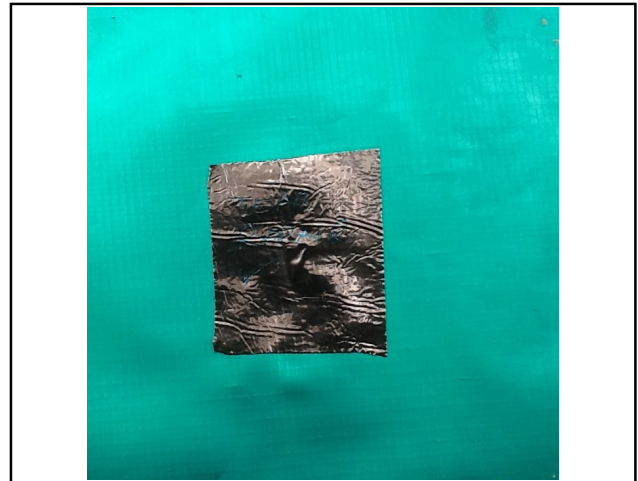
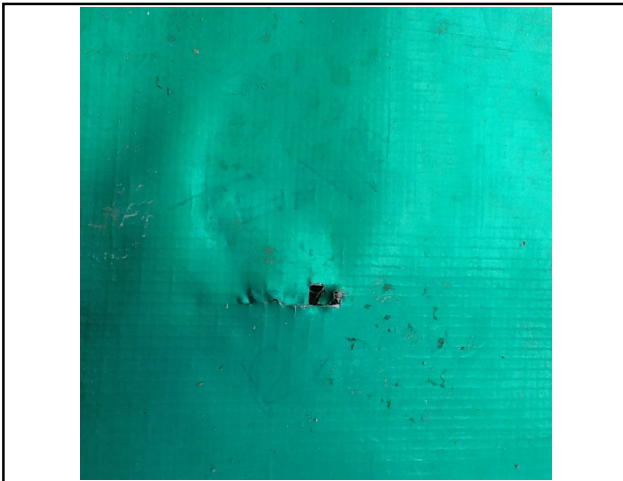
VERIFICATION ITEM TWO

LOCATION/GRID LINE: 4A

NOTES: Tear in membrane caused by steel fixers dragging

Steels across surface , before and after pictures shown below I.e

Tear repaired during visit



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VERIFICATION ITEM TWO



Overview area of repairs required in membrane

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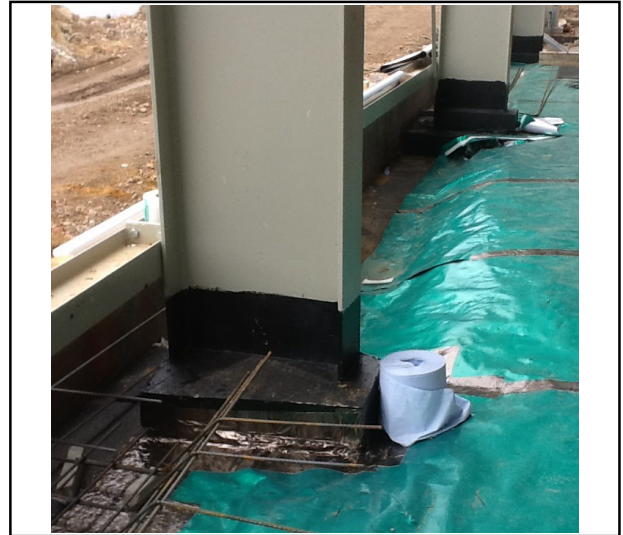
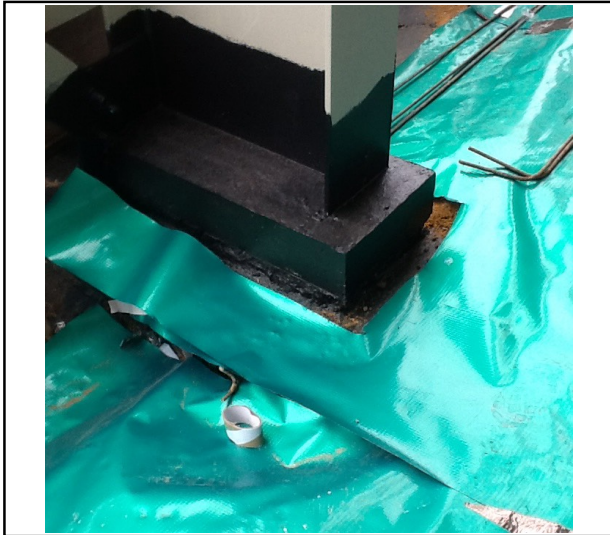


VERIFICATION ITEM THREE

LOCATION/GRID LINE: A-B - 6-7

NOTES: This area waits detailing tape on edge (outer wall A)

and columns , to complete installation of membrane



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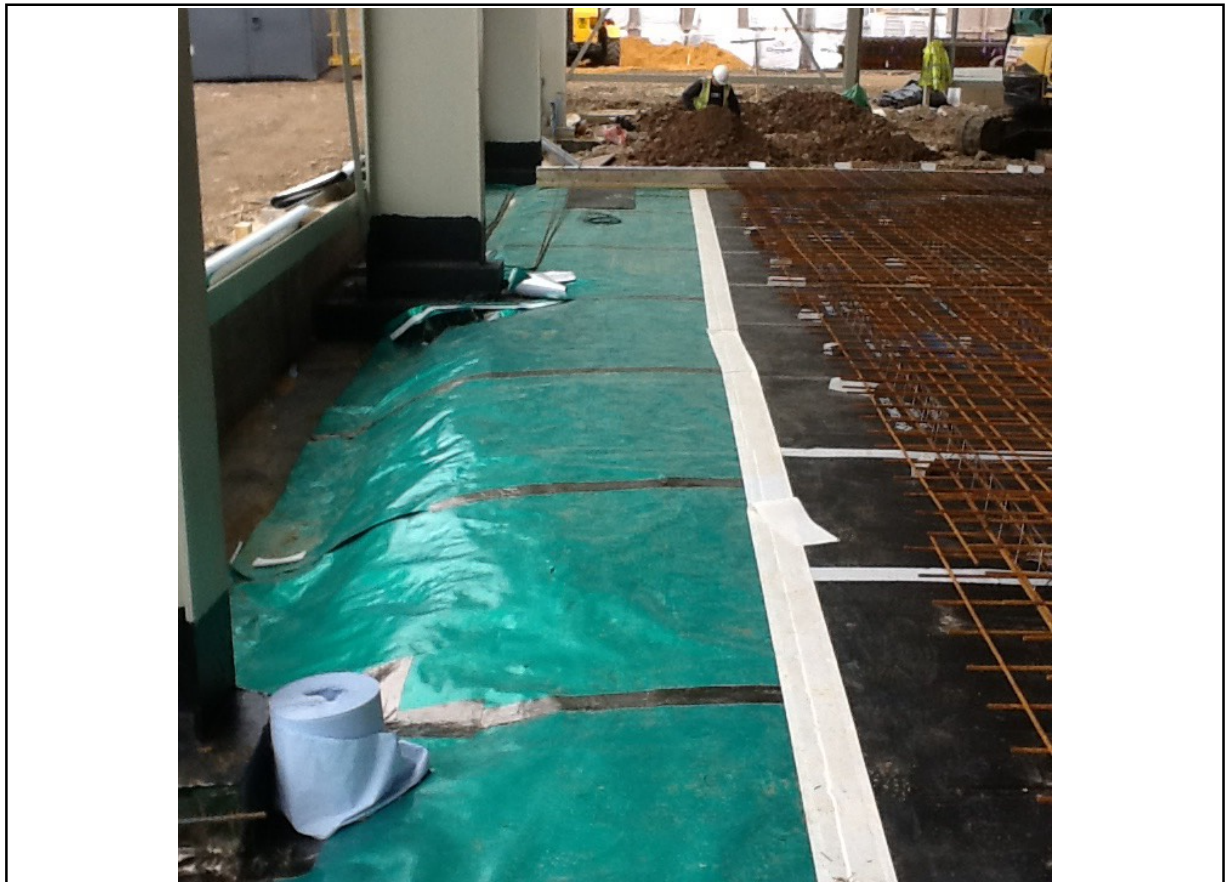
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VERIFICATION ITEM THREE



Overview outstanding area to be completed

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REMEDIATION LOG

Date	Nr	Remediation Description	Y/N
20th Mar	001	No remediation items	✓
20th Mar	001	Protection board still to fix	✓
23rd Mar	002	300mm detailing tape overlaid to edge beams and membrane	✓
23rd Mar	002	Column and edge beam detailing sealed to specification	✓
23rd Mar	002	Pipe penetrations detailed to specification	✓
3rd Apr	003	Columns and edge detailing 5A complete	✓
3rd Apr	003	Repairs in membrane 4A	✓
3rd Apr	003	Outstanding detailing to columns and edge A/B -6/7	

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ADDITIONAL PHOTOS



Pipe penetration complete

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GAS MEMBRANE TESTING

VISUAL: YES ☒ NO ☐ SMOKE TEST: YES ☐ NO ☐

COMPRESSED AIR: YES ☐ NO ☐ DILECTIC YES ☐ NO ☐

DESTRUCTIVE: YES ☒ NO ☐ YES ☐ NO ☐

OTHER:

GRID LINE: Area: A/H - 1/3+ ☒

GRID LINE: Area A/H 1/4 ☒

GRID LINE: Area A/B-4/7 ☐

GRID LINE: ☐

GRID LINE: ☐

GRID LINE: ☐

GRID LINE: ☐

GRID LINE: ☐

GRID LINE: ☐

GRID LINE: ☐

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VERIFICATION SUMMARY

Third visit , some rips and tears in membrane identified , some outstanding to

Complete remediations , other areas remediations complete.

All installed to BS8485 and verified to CIRIA 735

Advised operators and site management to take care to protect membrane ,

Although saying this they did leave the protection matting off for the benefit

of verification temporarily

GEOSHIELD SIGNITURE:

DATE: 3rd April 2017

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