



GEOSHIELD

Verification Report



PROJECT REFERENCE:

GEO101947

REPORT NUMBER:

001

PROJECT:

SLFEZ Zone

PROJECT ADDRESS:

Cibus Way

Holbeach

PE12 7BF

MEMBRANE SPECIFICATION:

Gas membrane to specification BS8485 2015

Installed to CIRIA 735

PAG Monarflex Reflex Super

PAG SAGR



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MEMBRANE SPECIFICATION:

DESIGN DETAILS:

FEZ-CHG-BU-00-DR-S-0010-C02- Ground Floor Plan

FEZ-CHG-BU-F1-DR-S-0204-C03- Lift Pit Reinforcement

FEZ-COR-XX-00-DR-S-0010-C01- GA Ground Floor Layout

FEZ-COR-XX-00-DR-A-0060-C01 - GF Layout Zone A

FEZ-COR-XX-00-DR-A-0061-C01 - GF Layout Zone B

FEZ-COR-XX-00-DR-A-0062-C01 - GF Layout Zone C

FEZ-COR-XX-ZZ-DR-A-0080-C01 - GA Section A & B

FEZ-COR-XX-ZZ-DR-A-0080-C01 - GA Section C & D

FEZ-COR-XX-ZZ-DR-A-0082-C01 - GA Section E & F

FEZ-COR-XX-ZZ-DR-A-0083-P01 - GA Section G & H



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VERIFICATION OFFICER: Finlay Todd

VERIFICATION COMPANY: GeoShield Limited

Icon Business Park, 4100 Park Approach

Thorpe Park, LEEDS

West Yorkshire

LS15 8GB

CONTACT NUMBER: 07502340363

EMAIL ADDRESS: ftodd@geoshield.co.uk

ORDER NUMBER:

PER VISIT: YES:

☐

NO:



PROJECT: YES:



NO:

☐



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CLIENT DETAILS

CLIENT CONTACT:	Jonathan Smith
CONTACTS ROLE:	PAGeo Technical
MOBILE PHONE:	
EMAIL ADDRESS:	jonathan@pageo.co.uk

CLIENT CONTACT:	
CONTACTS ROLE:	
MOBILE PHONE:	
EMAIL ADDRESS	
NOTES:	
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APPLICATION TEAM LEADERS

APPLICATOR NAME: Matt Evans

COMPANY: PAGeo Technical

APPLICATOR TEL: 07572 023210

APPLICATOR EMAIL:

APPLICATOR NAME: Richard Jones

COMPANY: PAGeo Technical

APPLICATOR TEL:

APPLICATOR EMAIL:

NOTES:

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AREA SURVEYED: Ground Floor Perimeter and Proposed Internal Walls

SITE CONDITIONS:

WEATHER: Sunny

TEMPERATURE: 8c

MEMBRANE TEMPERATURE:

RELATIVE HUMIDITY:

62%

TIME: 10:30-12:30

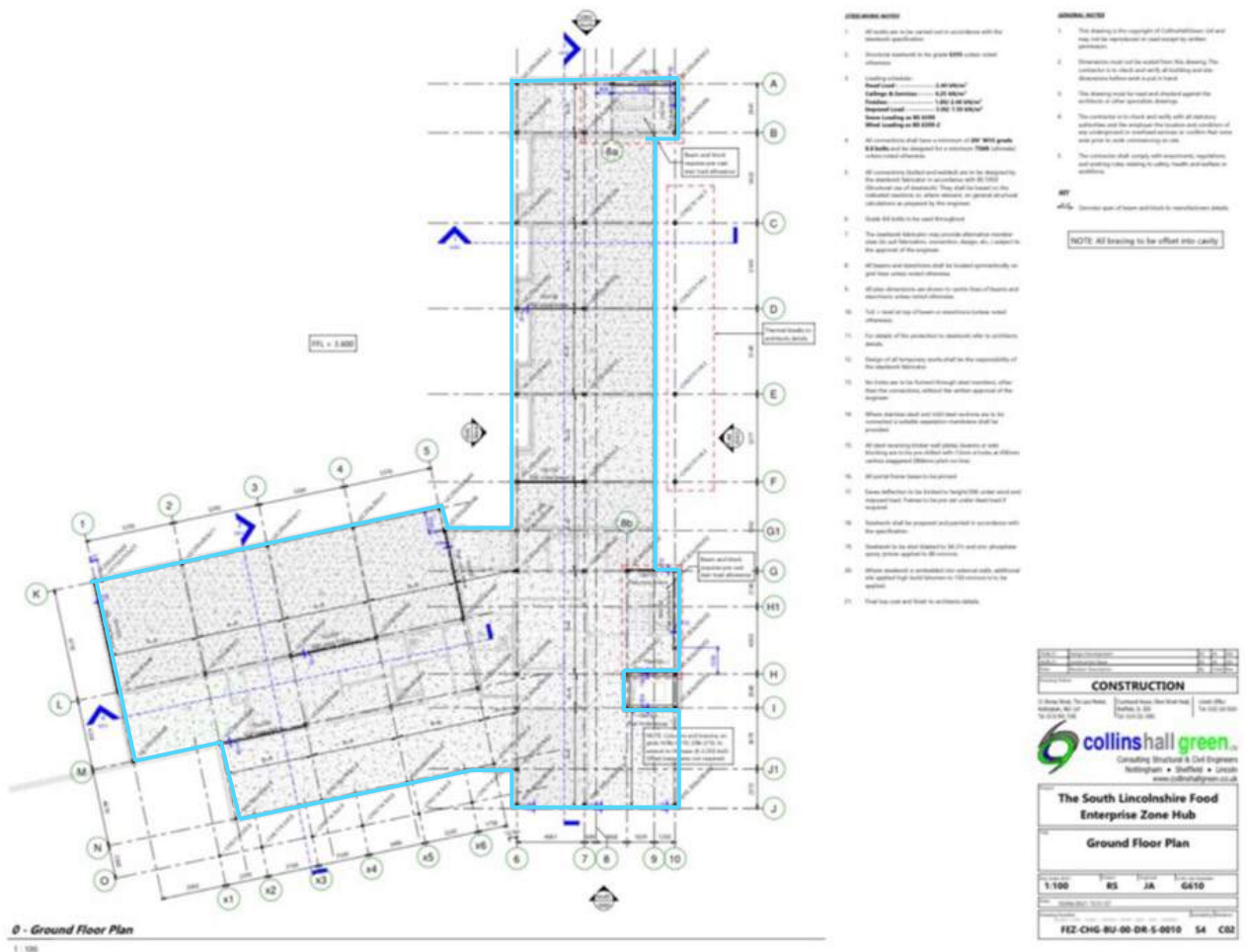
REPORT NUMBER: 001

DATE: 15/10/2021

ACCOMPANIED Matt Evans (PAGeo Technical)



VERIFICATION LAYOUT



Overview of verified area

Perimeter of Ground Floor + Internal Walls



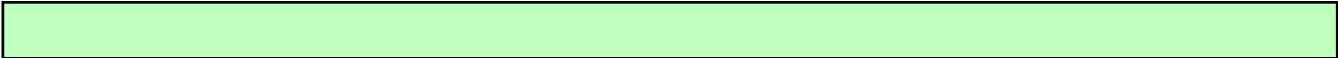
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OVERVIEW PHOTOGRAPHS



Overview of verified area





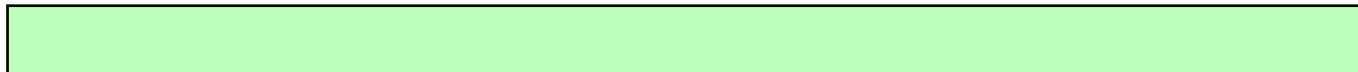
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OVERVIEW PHOTOGRAPHS



Overview of verified area





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VERIFICATION ITEM ONE

LOCATION/GRID LINE: Ground Floor Perimeter

NOTES: Sealed Steel Columns

All steel columns across the verified area have been primed and left to dry. Sections of PAG SAGR have then been cut and a hot air leister has been used to activate the black bitumen side. The sections have then been applied to the steel column and overlapped



before being returned onto the membrane.

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VERIFICATION ITEM ONE



A thorough pick and probe test was carried out on all steel columns in the verified area to ensure that a continuous barrier had been achieved. All materials were installed to manufacturers specification and no faults were detected.



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VERIFICATION ITEM TWO

LOCATION/GRID LINE: Ground Floor Perimeter and Proposed Internal Walls

NOTES: Sealed Pipe Penetrations

All pipe penetrations in the verified area have been sealed using sections of PAG

SAGR. Sections have been cut and applied to the pipe penetrations in a petal

formation as shown on the left photo. A top hat has then been applied to the



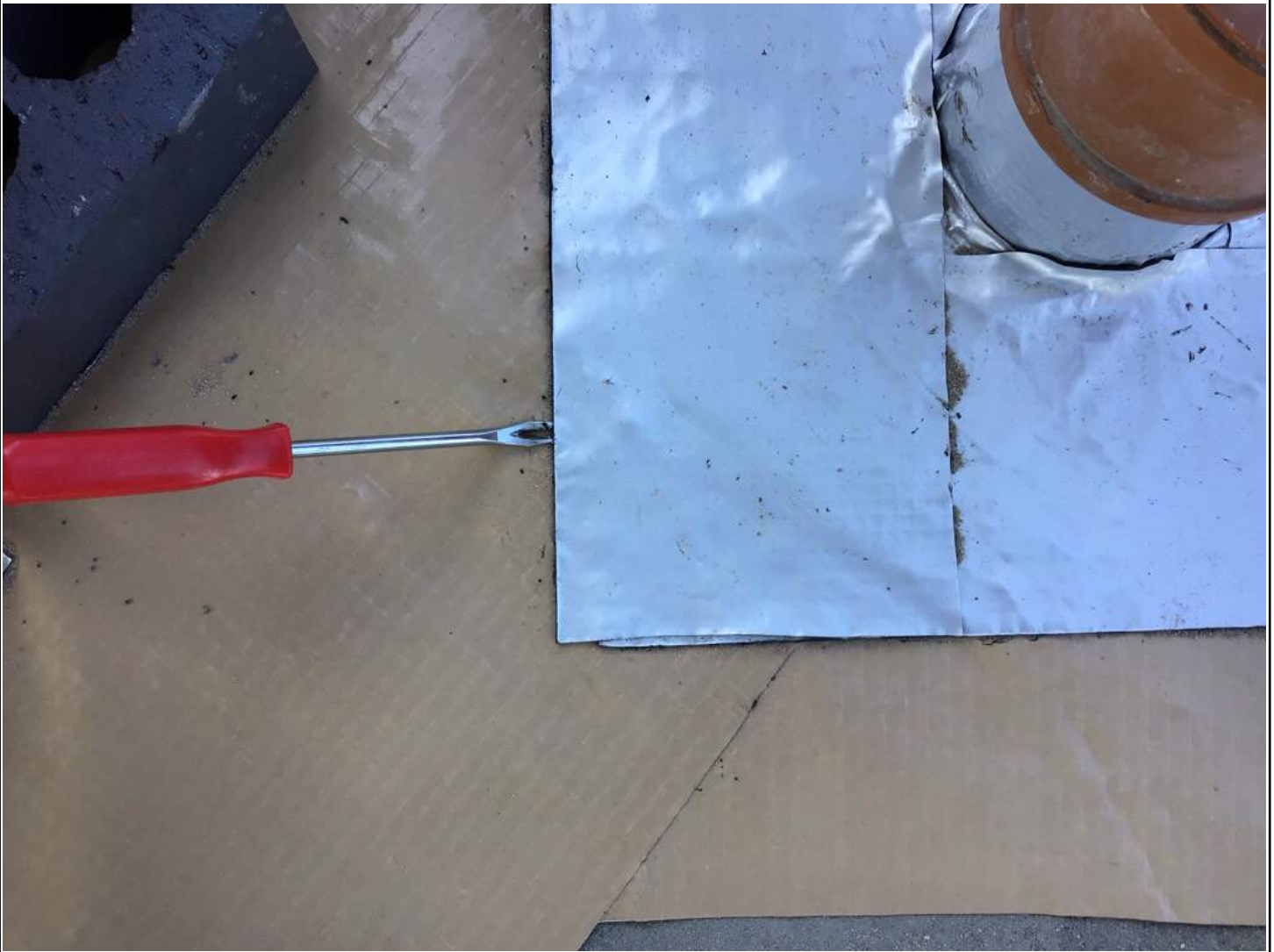
pipe penetration to complete the detail and seal the pipe to the membrane.

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BGA
British Geomembrane Association



VERIFICATION ITEM TWO



A thorough pick and probe test was carried out on all pipe penetrations across the
verified area. No faults detected.



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VERIFICATION ITEM THREE

LOCATION/GRID LINE: Ground Floor Perimeter

NOTES: Sealed Corner Details

All corner details across the verified area have been sealed using PAG SAGR. The

PAG Monarflex Reflex Super has been cut to accommodate the corner detail and

sections of PAG SAGR has been folded and applied to the corner. Another section



has been cut and applied to the base of the corner to seal and complete the corner

detail.

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VERIFICATION ITEM THREE



Pick and probe tests were again carried out, returning no faults. All corners were sealed to design and manufacturers specification.

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ADDITIONAL PHOTOGRAPHS



Overview of sealed pipes and steel



Installer applied PAG SAGR to a
steel



Smooth block and beam floor



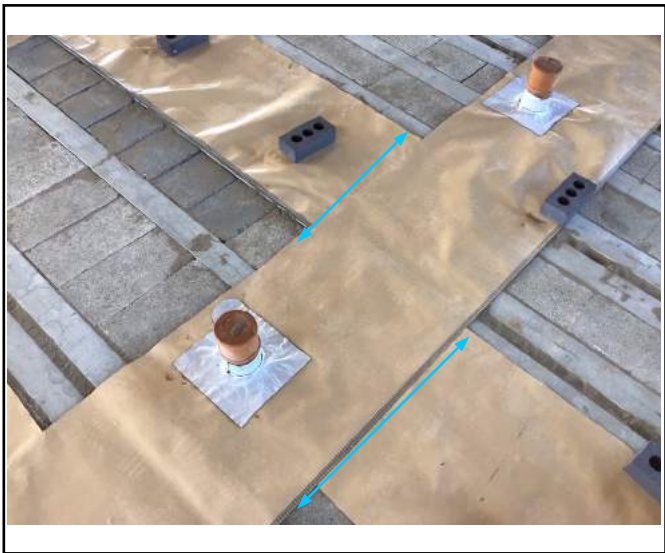
Membrane installed across proposed
cavity.



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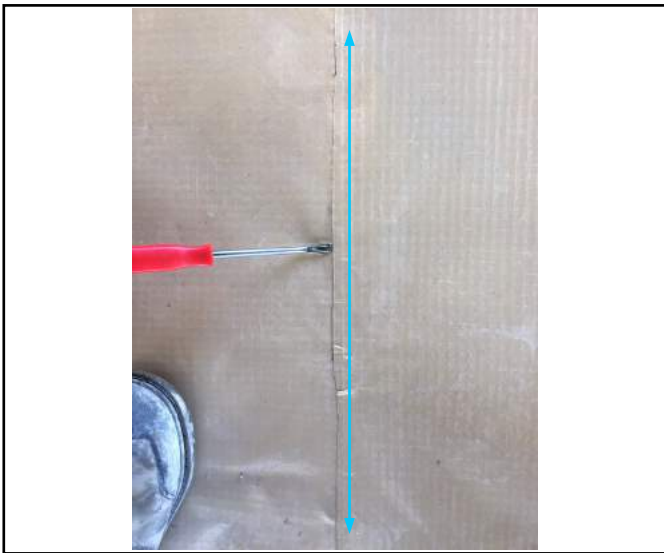


ADDITIONAL PHOTOGRAPHS



Overview of welded internal wall

membrane



Pick and probe on welded lap



Overview of welded lap



Overview of verified area



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VERIFICATION SUMMARY

Visit 001 was to verify the perimeter and internal wall membrane installed by

PAGeo installers. A proposed cavities have been sealed with PAG Monarflex

Reflex Super. With all corner, steels and pipe penetrations sealed using PAG

SAGR. No faults were detected during the verification process and all materials

have been installed to manufacturers specification.

GEOSHIELD SIGNATURE:

DATE: 15/10/21