

GEOSHIELD Verification Report

ADDITIONAL PHOTOGRAPHS



Patch repair- square of membrane

Dual taped to where fault was found.



Photo evidence of toolbox talk carried

out to installers by Visqueen.



Dual taped lap joints up the pecafiled

sheet piled walls.



Visqueen pro jointing tape up the

sheet piled walls in excess of 650mm.



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GAS MEMBRANE LAP TESTING

[illegible]



Gridline/Plot Sign off



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VERIFICATION SUMMARY

This was the first visit to site to verify the gas membrane installation to pour one within the basement slab. The applicators from Expanded have received toolbox talk training from Visqueen prior to the installation of Visqueen standard gas barrier. All lap joints have been sealed in accordance to manufactures specification using Visqueen ultimate double sided jointing tape then single sided GR foil lap tape creating consistent dual taped lap joints. The membrane has been installed up & over the sheetpiled wall so sufficient overlaps can be achieved upon further gas membrane works on the ground floor level. Upon visual inspection 2 small lap joints required re-sealing and the double side lap joints had to be implemented a min* of 650mm up the wall. No further faults identified during pick&probe testing.

GEOSHIELD SIGNATURE:

DATE: 06/12/2021



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PROJECT REFERENCE:

GEO102024

REPORT NUMBER:

002

PROJECT:

Abraham moss leisure centre.

PROJECT ADDRESS:

Crescent road, Crumpsall

Manchester

M8 5UF.

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

Visqueen standard gas barrier & Visqueen treadguard 300

VisqueenUltimate double sided joint tape & Visqueen GR foil lap tape.

Visqueen GRSAM & Visqueen ultimate detailing strip.

Visqueen Axiom Uniseal & Visqueen HP tanking primer.

Preformed tophats



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MEMBRANE SPECIFICATION:

DESIGN DETAILS:

Material specification technical data sheets

Ramboll 2019 Interpretative Report

Swimming Pool Sequence - Gas Membrane, Basement Slabs, Basement Walls,

Lytag Pour and Internal Manholes

Construction Considerations

4538-01 - Typical Lift Pit Detail / 4538-02 - Typical Service Pipe Penetration Detail

4538-04 - Typical Manhole Detail / 4538-05 - Foundation Section F16

LP44107-RAM-B01-FN-DR-S-12101_Ver5 - Foundation Slab Sections Sheet 1

LP44107-RAM-B01-FN-DR-S-12102_Ver7 - Foundation Slab Sections Sheet 2

LP44107-RAM-B01-FN-DR-S-12103_Ver2 - Foundation Slab Sections Sheet 3

LP44107-RAM-B01-FN-DR-S-12104_Ver1 - Foundation Slab Sections Sheet 4

LP44107-RAM-B01-FN-DR-S-12105_Ver2 - Foundation Slab Wall Elevations

LP44107-RAM-B01-FN-DR-S-14001_Ver5 - Foundation Slab Layout Sheet 1

LP44107-RAM-B01-FN-DR-S-14002_Ver5 - Foundation Slab Layout Sheet 2

LP44107-RAM-B01-FN-DR-S-14003_Ver6 - Foundation Slab Layout Sheet 3



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MEMBRANE SPECIFICATION:

DESIGN DETAILS:

LP44107-RAM-B01-FN-DR-S-14004_Ver1 - Basement Recess Setting Out Plan 1

LP44107-RAM-B01-FN-DR-S-14006_Ver1 - Lower Slab Wall Layout

LP44107-RAM-B01-FN-DR-S-14007_Ver1 - Foundation Slab Layout Plantroom GA

LP44107-RAM-B01-FN-DR-S-14100_Ver5 - Raft Slab & Walls Pour Sequence

Radon Maps UK - (Map 1) Site Location & (Map 2) Nearby Location



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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: 07502303462

EMAIL ADDRESS: Ftodd@geoshield.co.uk

ORDER NUMBER: Phillip (Laing O'Rourke)

PER VISIT: YES:

☐

NO:



PROJECT: YES:



NO:

☐



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CLIENT DETAILS

CLIENT CONTACT:	Callum Alderton
CONTACTS ROLE:	
MOBILE PHONE:	07384 870 741
EMAIL ADDRESS:	CAlderton@laingrourke.com



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

APPLICATOR NAME: Jordan Rigby

COMPANY: Expanded

APPLICATOR TEL: 07935418381

APPLICATOR EMAIL: Jordan.rig1991@gmail.com

APPLICATOR NAME:

COMPANY:

APPLICATOR TEL:

APPLICATOR EMAIL:

NOTES: The dedicated gas membrane installers for Expanded have received tool-

NOTES: box talk training from Visqueen. They are deemed competent and trained

NOTES: to undertake the gas membrane installation throughout this project.

NOTES: Standard of works will closely monitored throughout each verification visit.



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AREA SURVEYED: Pour 5 - Basement slab - Gridlines 1-3/M-Q

SITE CONDITIONS:

WEATHER: Overcast

TEMPERATURE: 4c

MEMBRANE TEMPERATURE: N/a

RELATIVE HUMIDITY: N/a

TIME: 08:00-10:00 REPORT NUMBER: 002

DATE: 27/01/2022

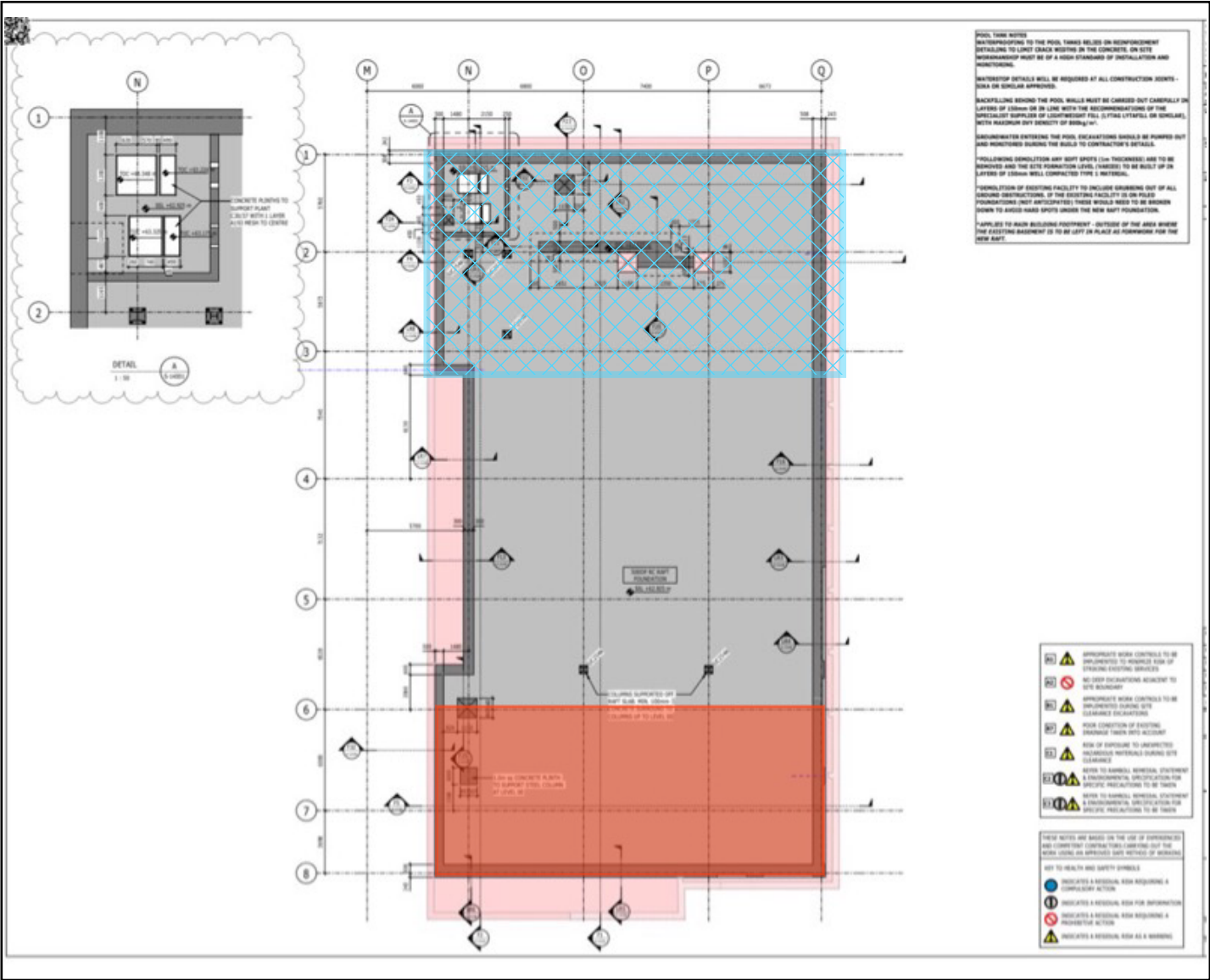
ACCOMPANIED Phillip (Laing O'Rourke)



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VERIFICATION LAYOUT



Overview of verified area

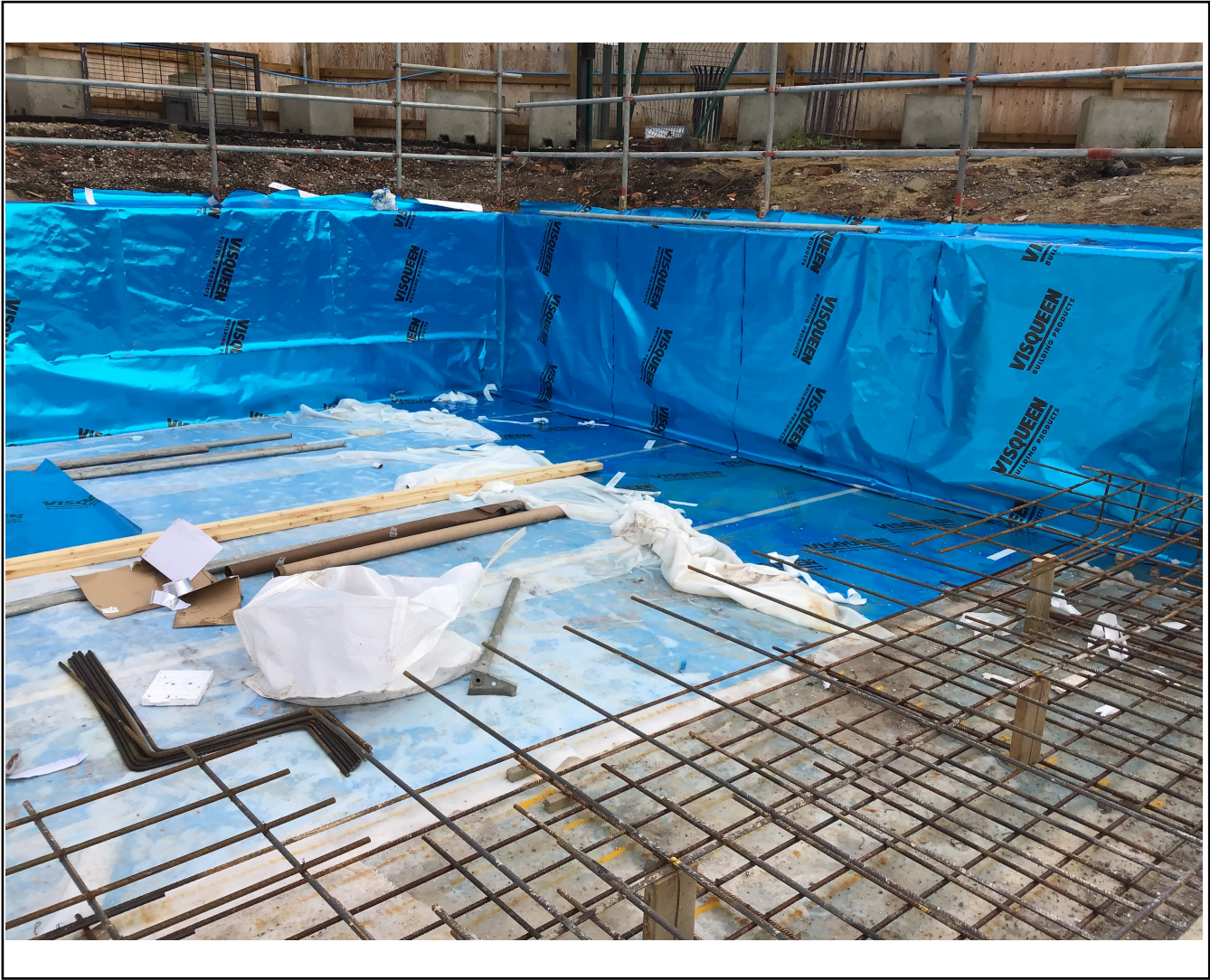
Basement Slab Pour 5 highlighted in Blue



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OVERVIEW PHOTOGRAPHS



Overview photograph of the area verified during this visit.



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OVERVIEW PHOTOGRAPHS



Overview photograph of the area verified during installation

