



GEOSHIELD

Verification Report



PROJECT REFERENCE:

GEO101325

REPORT NUMBER:

002

PROJECT:

GMI - Fulford Road

PROJECT ADDRESS:

Fulford Road

Havant

Hampshire

MEMBRANE SPECIFICATION:

Gas membrane to specification BS8485 2015

Installed to CIRIA 735

Visqueen Standard Gas Barrier

Visqueen Pro Detailing Tape

Visqueen GR SAM

Visqueen GR DPC

Visqueen Double Sided Butyl Tape

Protective Fleece



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MEMBRANE SPECIFICATION:

DESIGN DETAILS:

None issued at time of inspection



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VERIFICATION OFFICER: Chris Ingham

VERIFICATION COMPANY: GeoShield Limited

Icon Business Park, 4100 Park Approach

Thorpe Park, LEEDS

West Yorkshire

LS15 8GB

CONTACT NUMBER: 07555214679

EMAIL ADDRESS: CIngham@Geoshield.co.uk

ORDER NUMBER:

PER VISIT: YES:



NO:



PROJECT: YES:



NO:





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CLIENT DETAILS

CLIENT CONTACT:	Hannah Hayward
CONTACTS ROLE:	GMI
MOBILE PHONE:	01202 051765
EMAIL ADDRESS:	Hannah@gmi-ltd.co.uk



CLIENT CONTACT:	
CONTACTS ROLE:	
MOBILE PHONE:	
EMAIL ADDRESS	
NOTES:	
NOTES:	
NOTES:	



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APPLICATION TEAM LEADERS

APPLICATOR NAME: Jack

COMPANY: GMI

APPLICATOR TEL: 01202 051765

APPLICATOR EMAIL:

APPLICATOR NAME:

COMPANY:

APPLICATOR TEL:

APPLICATOR EMAIL:

NOTES: Installer NVQ Level 2 qualified

NOTES:

NOTES:

NOTES:



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AREA SURVEYED: Pour 1

SITE CONDITIONS:

WEATHER: Cloudy with heavy rain

TEMPERATURE: 14C

MEMBRANE TEMPERATURE: N/A

RELATIVE HUMIDITY: 84

TIME: 08:00 - 13:00 REPORT NUMBER: 002

DATE: 21st October 2020

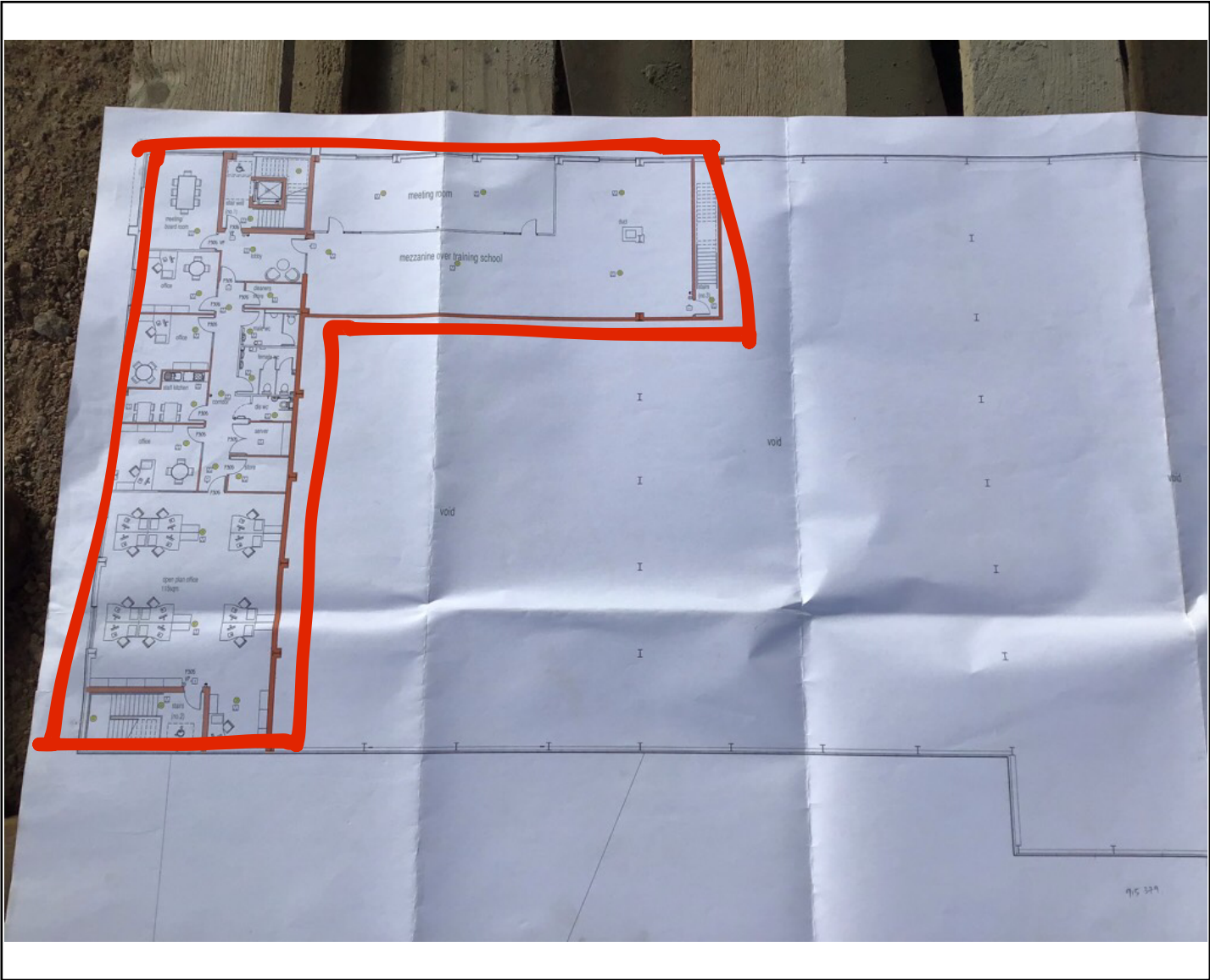
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VERIFICATION LAYOUT



Pour 1 highlighted above



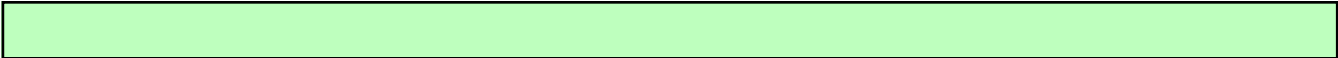
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OVERVIEW PHOTOGRAPHS



Overview of Pour 1

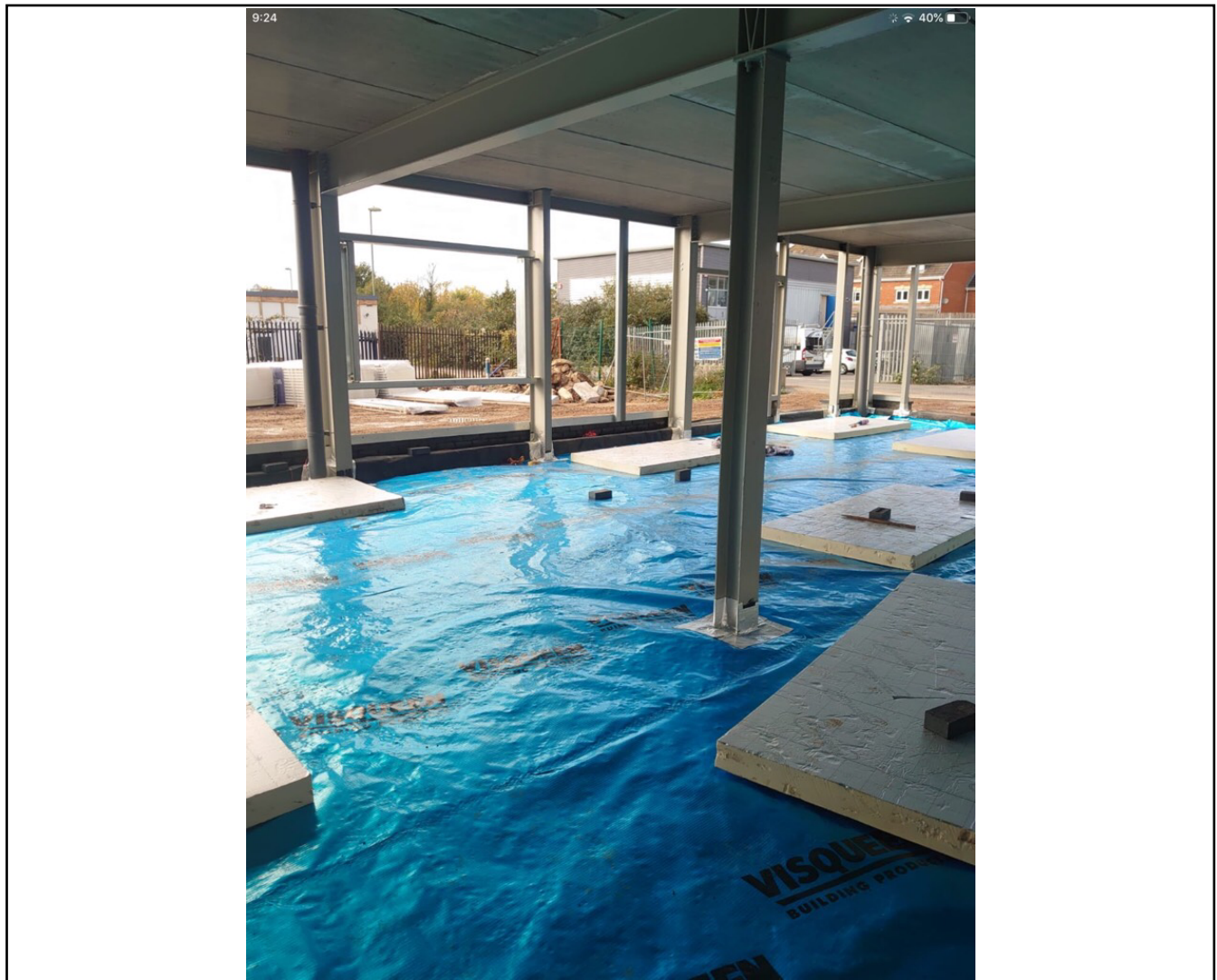




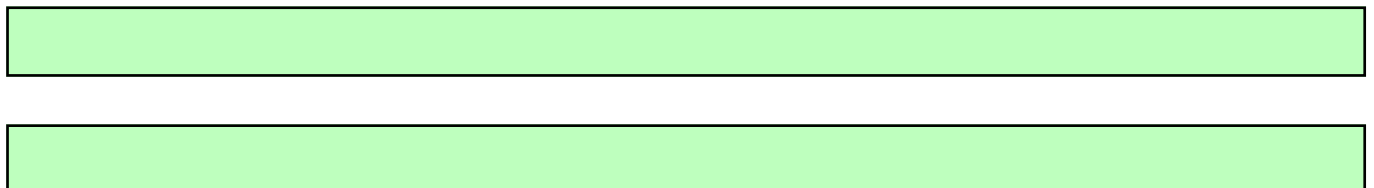
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OVERVIEW PHOTOGRAPHS



Overview of Pour 1





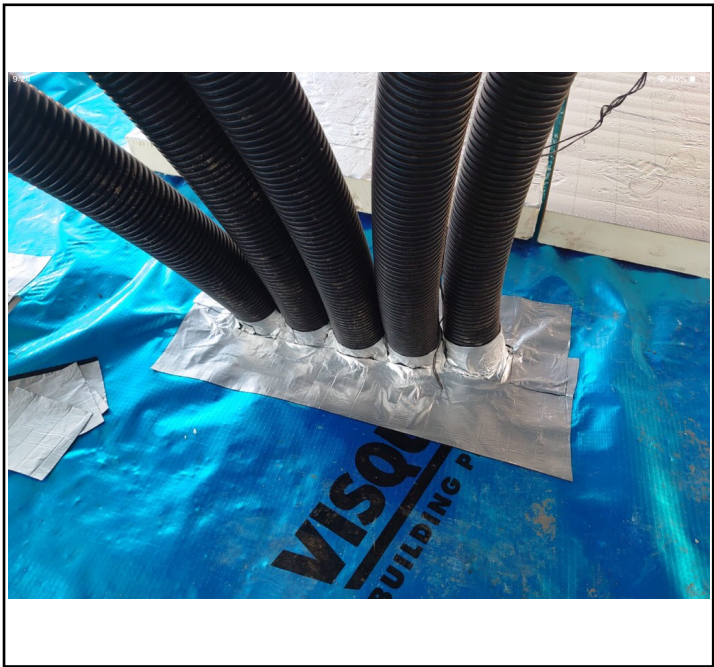
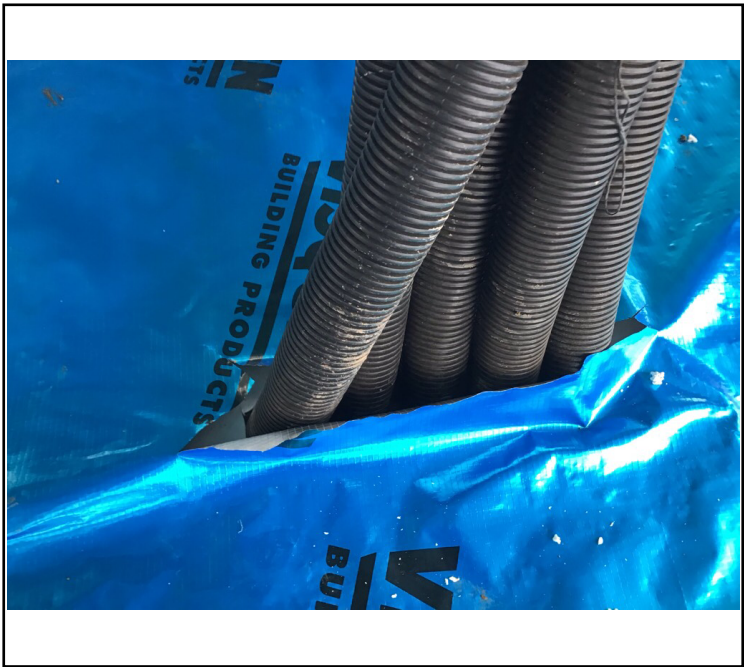
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VERIFICATION ITEM ONE

LOCATION/GRID LINE: Pour 1

NOTES:



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VERIFICATION ITEM ONE





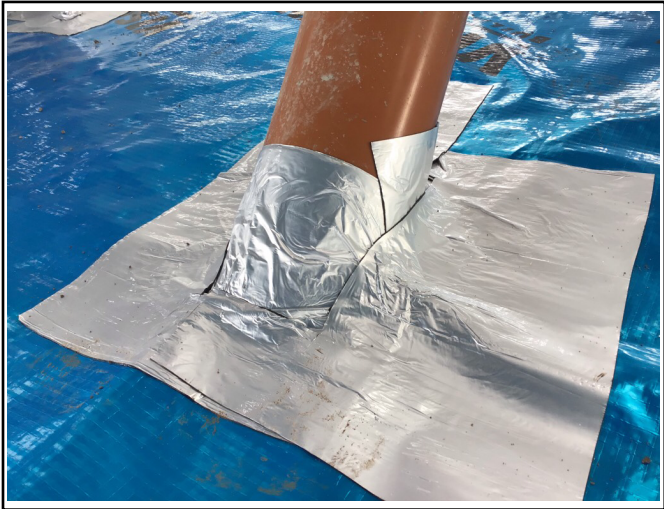
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VERIFICATION ITEM TWO

LOCATION/GRID LINE: Pour 1

NOTES:

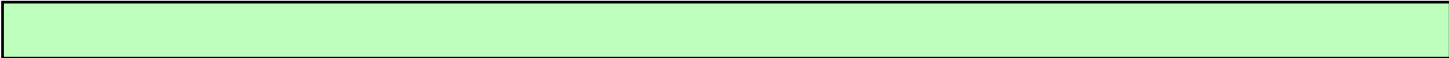
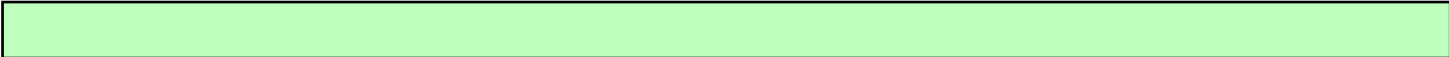




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VERIFICATION ITEM TWO





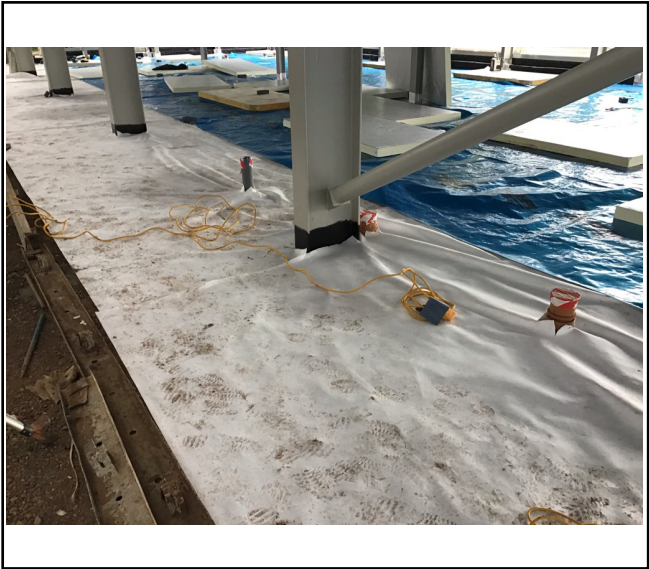
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VERIFICATION ITEM THREE

LOCATION/GRID LINE: Pour 1

NOTES:





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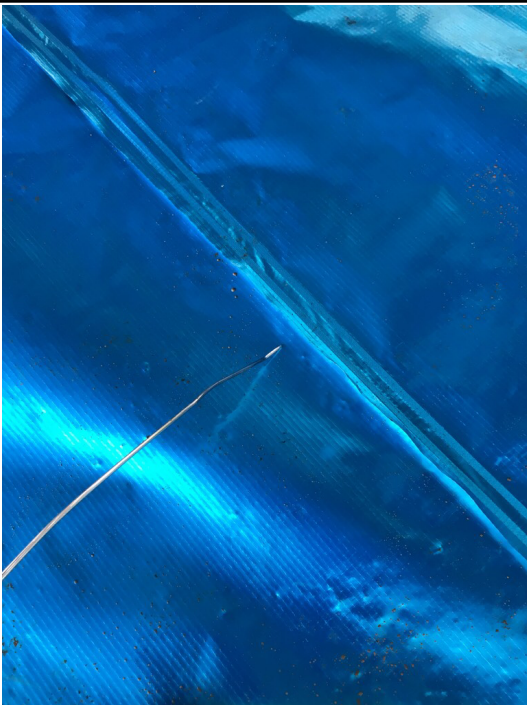
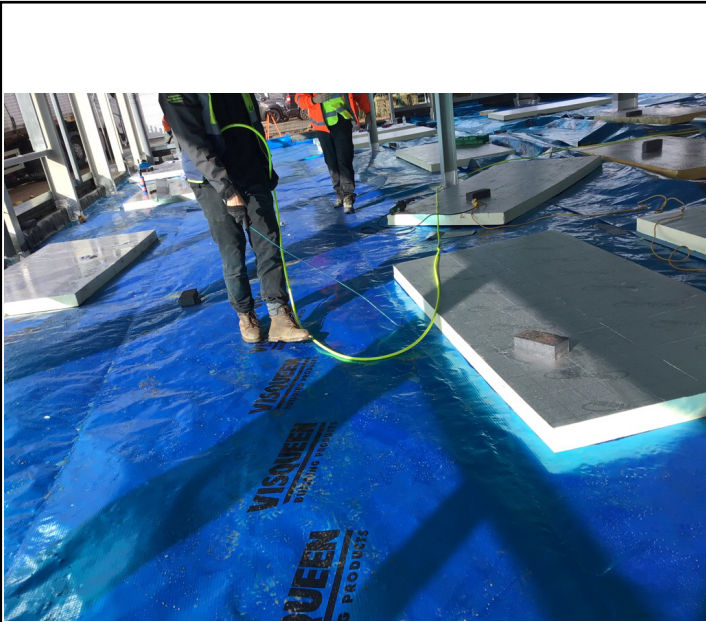


VERIFICATION ITEM THREE



AIR LANCE INTEGRITY TESTING

AIR LANCE TEST: ASTM D4437-08:2013 Inspects all seams for unbonded areas using a 4.8mm air nozzle held not more than 51mm away from the seam. 50 Psi is the minimum requirement. The air nozzle is directed on the upper edge seam, ripples indicate a unbonded seam. Each seam is numbered and failure marked with a F/1 F/2 classification and a description given





GEOSHIELD LTD
TANKING, GAS AND HYDROCARBON BARRIER SYSTEMS
QUALITY ASSURANCE PROGRAMS AND INSPECTION SERVICES



INTEGRITY TESTING RECORD

AIR LANCE INTEGRITY TESTING (cont)

Detail of the Gas Membrane Visqueen Standard Gas Barrier

Detail of Tapes GR SAM

Joints and lap design Twinny welded and hot welded

TEST NUMBER:	FAILED OR PASSED	DETAIL, COMMENT AND RECOMMENDATIONS
All Joints	Passed	No faults found

NOTES:

All joints hot welded with Twinny or Hot Weld and tested with Air Lance in accordance with CIRIA 735

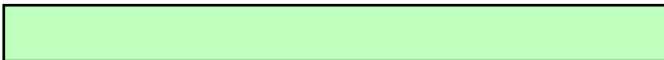
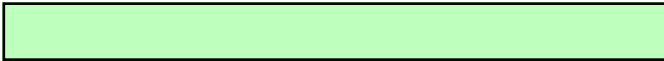
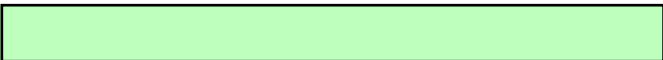
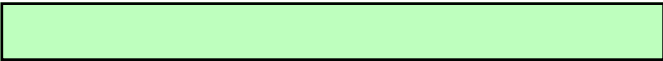
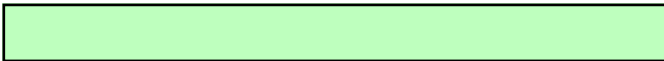
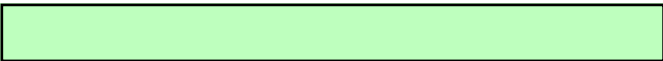


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ADDITIONAL PHOTOGRAPHS

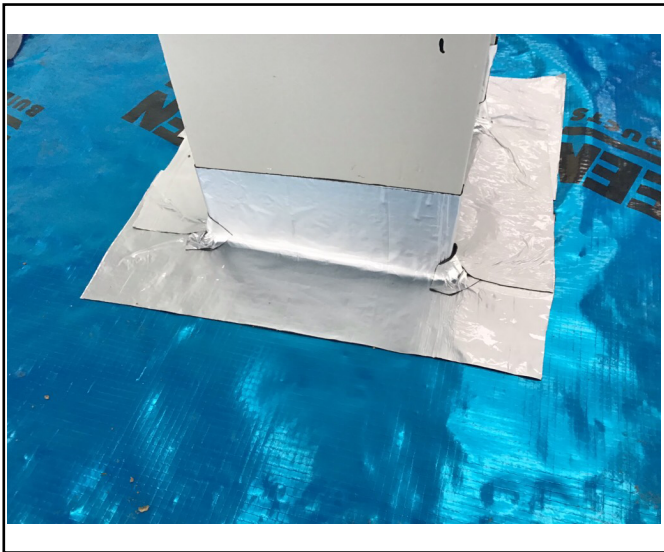
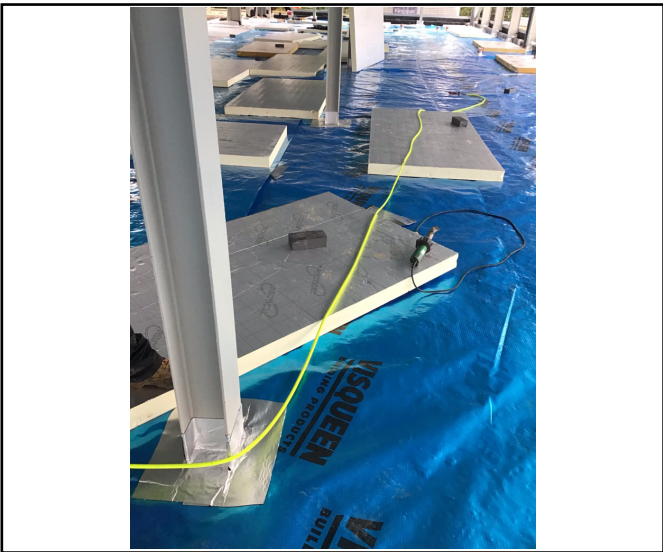
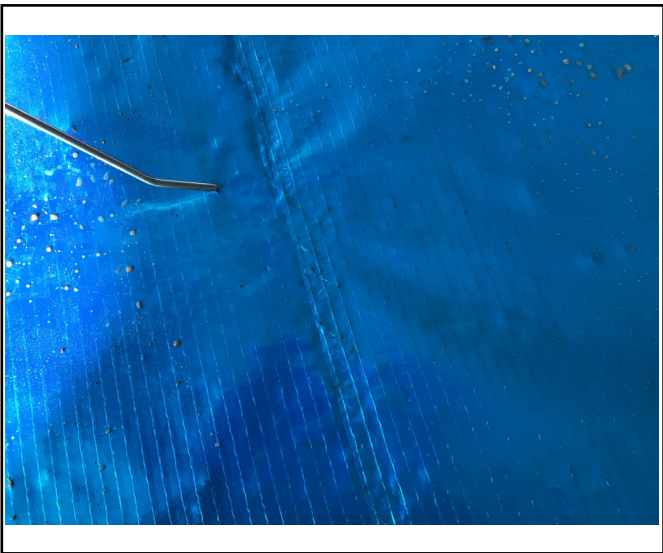




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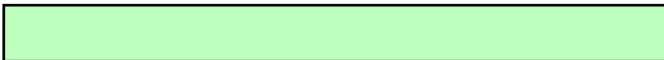
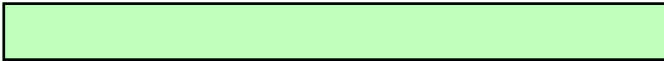
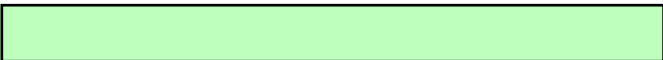
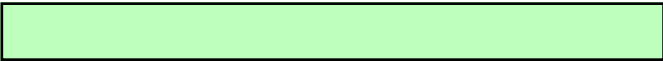
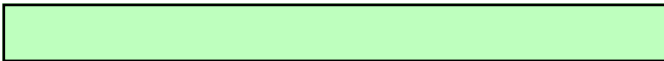
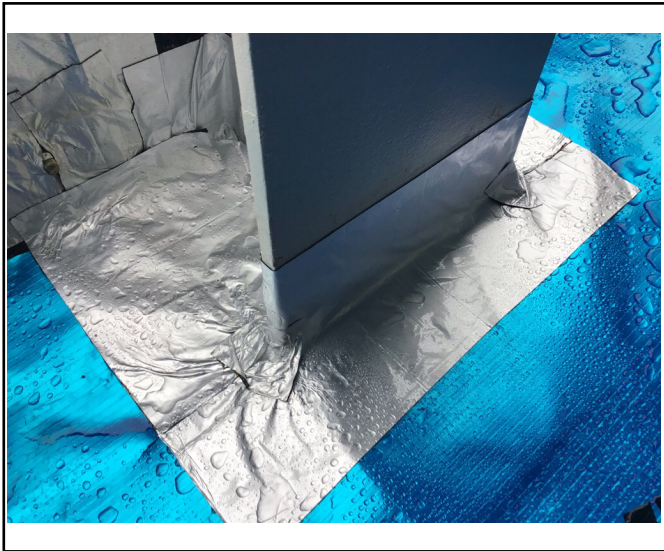
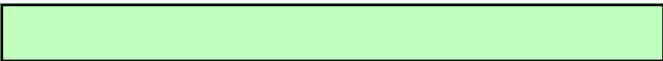
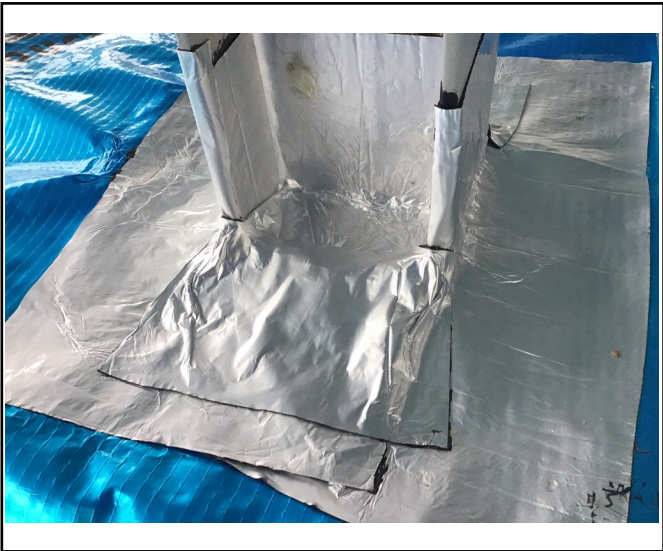




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ADDITIONAL PHOTOGRAPHS





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VERIFICATION SUMMARY

Report 002 is for Pour. Visqueen Standard Gas Barrier installed throughout

on Geotextile fleece. Joints hot welded with Twinny welder and hot welder.

Air Lance test carried out to ensure new settings on new Twinny welder correct.

All joints passed test with no faults found. Installation incomplete at time of

inspection but CQA photos accepted of complete works as no faults found.

Passed and verified in accordance with BS8485:2019 and CIRIA 735

GEOSHIELD SIGNATURE:

DATE: 23rd October 2020