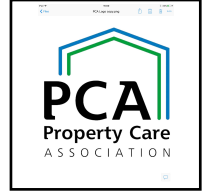




GEOSHIELD

Verification Report



PROJECT REFERENCE:

GEO1006200/AC/D

PROJECT:

Phase 1 Factory Martech UK Ltd

PROJECT ADDRESS:

Calder Works, Ravensthorpe Industrial Estate,

Thor hill Road, Dewsbury, West Yorkshire

WF13 3LN

MEMBRANE SPECIFICATION:

Gas membrane to specification BS8485 2015

Installed to CIRIA 735

Visqueen Gas Barrier - a 400 gsm multi-layer polyethylene membrane. Available in

20m x 2m rolls. Visqueen Double Sided Tape - a blue double sided butyl mastic tape.

Available in 10m x 50mm rolls. Gas Resistant Self Adhesive Membrane -

Gas Resistance (GR) Lap Tape



GEOSHIELD Verification Report



MEMBRANE SPECIFICATION:

DESIGN DETAILS:

Drawing Number 200 Rev B Proposed Ground & Communications Floor Plan

Drawing Number 606 Rev B Visqueen Gas Barrier Detail 14-15

Drawing Number 607 Rev B Visqueen Gas Barrier Detail 16-17

Drawing Number 608 Rev B Visqueen Gas Barrier Detail 18-19

Drawing Number 609 Rev B Visqueen Gas Barrier Detail 20-21

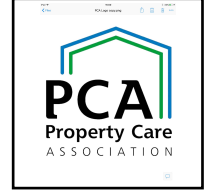
Gas Membrane detail overview

Drawing Number GB-18 Detailing Pipe Penetration

Drawing Number GB-22 - Stanchion Detailing Process



GEOSHIELD Verification Report



SURVEYOR:

Michael Dodd

VERIFICATION COMPANY:

GeoShield Limited

Hoyle Mill Road

Kinsley

West Yorkshire

WF9 5JB

ORDER NUMBER:

Martech-consul-03

PER VISIT: YES:

☐

NO:

☐

PROJECT: YES:



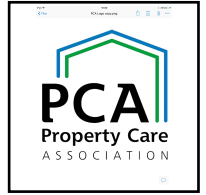
NO:

☐

Verification Plan will not be legally valid until payment is made.



GEOSHIELD Verification Report



CLIENT DETAILS

CLIENT CONTACT:

Craig McDermott

CONTACTS ROLE:

Contracts Manager

MOBILE PHONE:

CLIENT CONTACT:

Howard Rawson

CONTACTS ROLE:

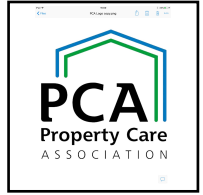
Quantity Surveyor

NOTES:

Craig is the main contact as he oversees the whole of the site.



GEOSHIELD Verification Report



APPLICATION TEAM LEADERS

APPLICATOR NAME: Jamie Greall

COMPANY: Grey stones Industrial Flooring

APPLICATOR NAME: Robert Glen

COMPANY: Greystones Industrial Flooring

APPLICATOR TEL:

APPLICATOR EMAIL:

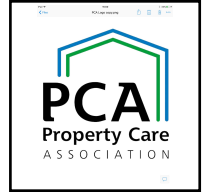
NOTES: Both Jamie and Glen are very experienced Groundworkers who have had

NOTES: some experience installing Gas Membranes and associated detailing.

Verification Plan will not be legally valid until payment is made.



GEOSHIELD Verification Report



AREA SURVEYED:

SITE CONDITIONS:

WEATHER:

Raining

TEMPERATURE:

14c

MEMBRANE TEMPERATURE:

N/A

RELATIVE HUMIDITY:

N/A

TIME:

8-30am to 4-30pm

REPORT NUMBER:

003

DATE:

27th July 2017

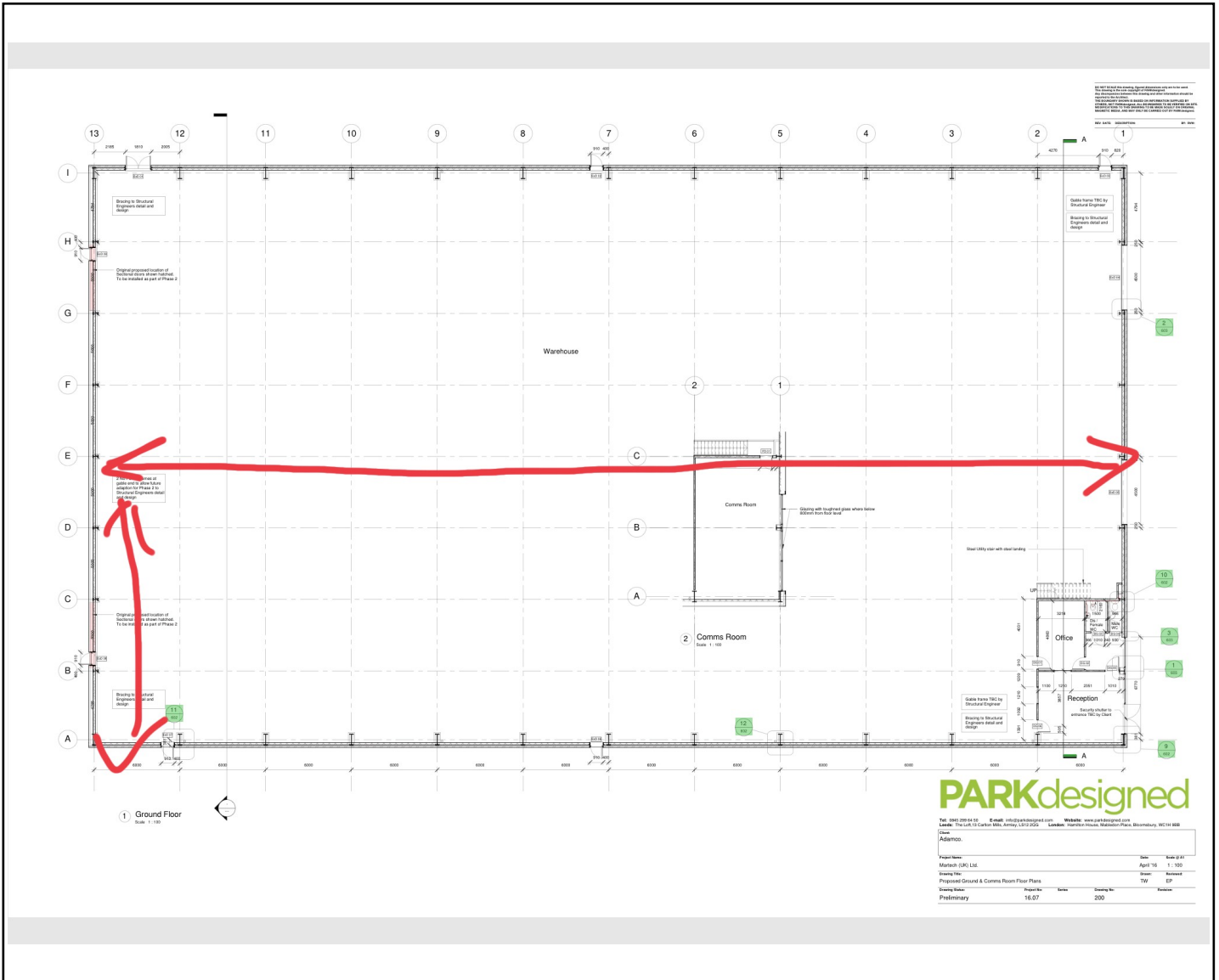
ACCOMPANIED

Brian Trudgill

Verification Plan will not be legally valid until payment is made.

GEOSHIELD Verification Report

VERIFICATION LAYOUT



Area 1 to 13 and A to E



GEOSHIELD Verification Report



OVERVIEW PHOTOS

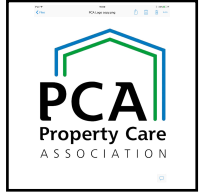


Grid Reference A1 to A13 and A to E

Verification Plan will not be legally valid until payment is made.



GEOSHIELD Verification Report



OVERVIEW PHOTOS

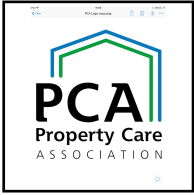


Grid Reference A1 to A13 and A to E

Verification Plan will not be legally valid until payment is made.



GEOSHIELD Verification Report



LIMITATIONS

SURVEY AREA:

RESTRICTIONS AND LIMITATIONS:

None for Report Three

Click to set image

Click to set image



GEOSHIELD

Verification Report



LIMITATIONS

SURVEY AREA:

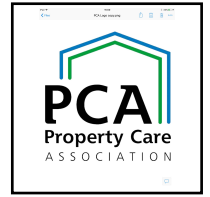
RESTRICTIONS AND LIMITATIONS:

Click to set image

Click to set image



GEOSHIELD Verification Report



VERIFICATION ITEM ONE

LOCATION/GRID LINE: Perimeter A1 to E1 and 1 to 13

NOTES: Edge Membrane Preparation and Detailing

Photos 1-2 showing Stanchion base primed with High Performance (HP) Tanking Primer





GEOSHIELD Verification Report



VERIFICATION ITEM ONE



Photo showing Stanchion bases primed with High Performance (HP) Tanking Primer



GEOSHIELD Verification Report



VERIFICATION ITEM TWO

LOCATION/GRID LINE: A1 to A13

NOTES:

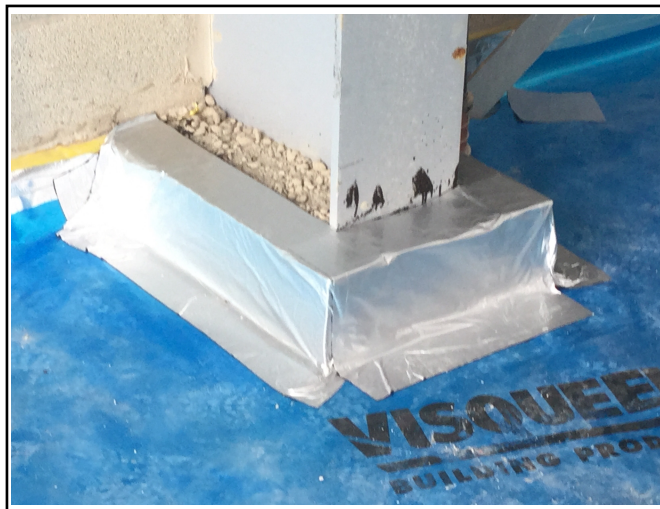
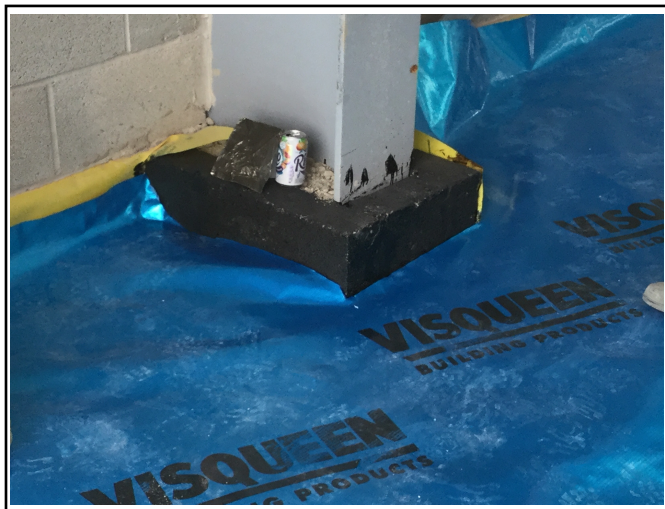


Photo 1 - Stanchion base primed ready to receive detailing.

Photo 2 - Stanchion base detailing completed (phase one)

GEOSHIELD Verification Report

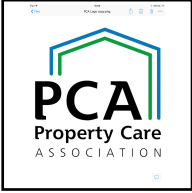
VERIFICATION ITEM TWO



Visqueen Gas Membrane being prepared to fit around Stanchions



GEOSHIELD Verification Report



VERIFICATION ITEM THREE

LOCATION/GRID LINE: Grid Reference A to E and 10 to 13

NOTES: Preparation and laying of Sand Blinding and Membrane



Photo 1 - Blinding being laid in sections

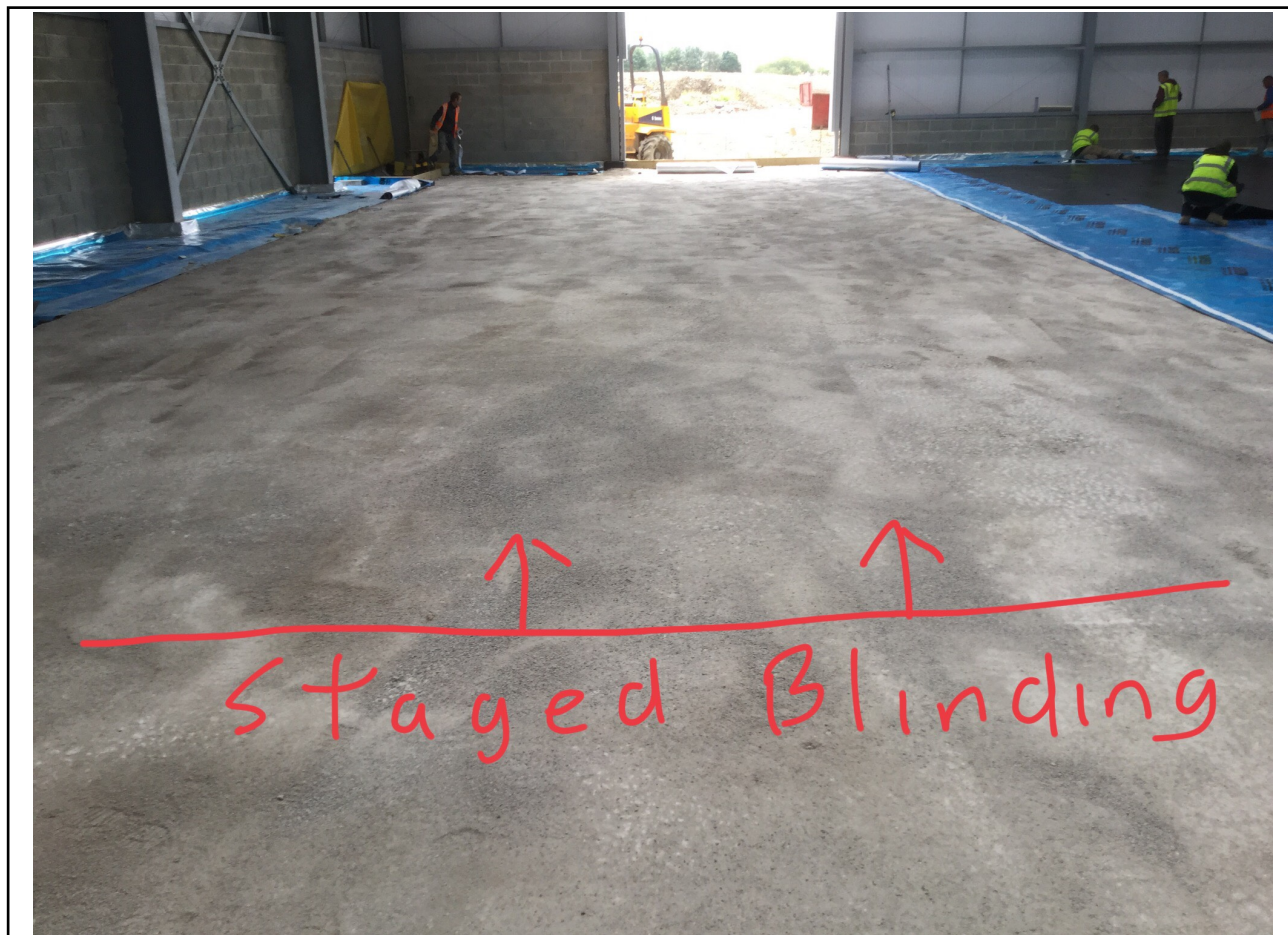
Photo 2 - Visqueen Gas Membrane being installed



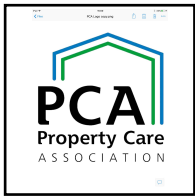
GEOSHIELD Verification Report



VERIFICATION ITEM THREE



Area for Blinding completed in sections

[illegible]

GEOSHIELD Verification Report

ADDITIONAL PHOTOS



Stanchion prior to Membrane



Sand Blinding Repair



Pipe Penetration



Preparing Detail Tape



GEOSHIELD Verification Report



VERIFICATION SUMMARY

Stanchions to be completed in TWO stages - Greystones Industrial Flooring to complete to top of Stanchion Blockwork followed by Adamco who will complete onto Stanchion will be primed and detailing Tape heated whilst fixing to blockwork. Blinding was completed to BS8485 and in stages to reduce damage from site Plant and Machinery.

GEOSHIELD SIGNATURE:

DATE: 27th July 2017