



Plate 42: Tuesday 6th September 2022. Excavated made ground.

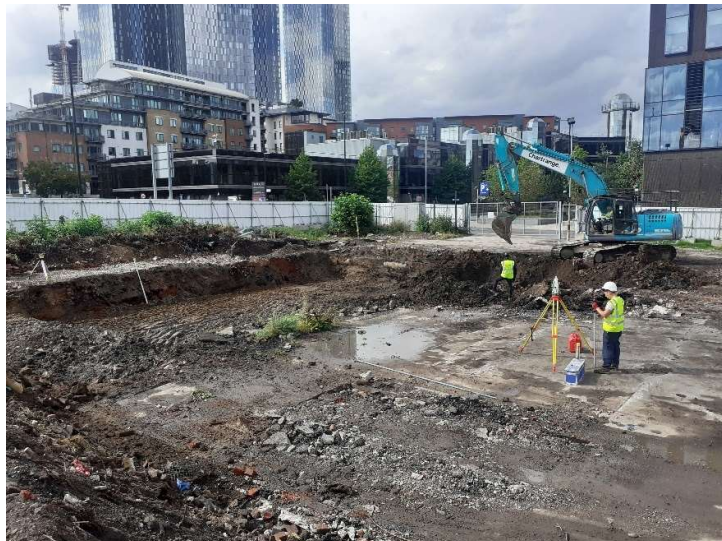


Plate 43: Tuesday 6th September 2022. Overview of site and recent excavations.



Plate 44: Tuesday 6th September 2022. Sifting through made ground in asbestos exclusion zone with licenced asbestos pickers removing asbestos fragments.



Plate 45: Tuesday 6th September 2022. Bag of asbestos waste removed from asbestos exclusion zone after hand-pick.



Plate 46: Friday 9th September 2022. Concrete tank found during excavations on site.



Plate 47: Friday 9th September 2022. Water within tank with black hydrocarbon globules.



Plate 48: Friday 9th September 2022. Side view of excavated concrete tank.



Plate 49: Friday 9th September 2022. Surface of water found within tank with black hydrocarbon globules.



Plate 54: Wednesday 16th November 2022. Overview of foundation piles.



Plate 55: Wednesday 16th November 2022. Overview of main site area.



Plate 56: Wednesday 16th November 2022. Overview of site works.



Plate 57: Wednesday 16th November 2022. Made Ground stockpile.



Plate 59: Wednesday 16th November 2022. Made Ground stockpile.



Plate 60: Wednesday 16th November 2022. Made Ground stockpile.



Plate 61: Wednesday 16th November 2022. Made Ground stockpile.



Plate 62: Friday 1st November 2024. Sampling raised beds – MTS101.



Plate 63: Friday 1st November 2024. Sampling raised beds – MTS102.



Plate 64: Friday 1st November 2024. Sampling raised beds – MTS103.



Plate 65: Friday 1st November 2024. Sampling raised beds – MTS104.

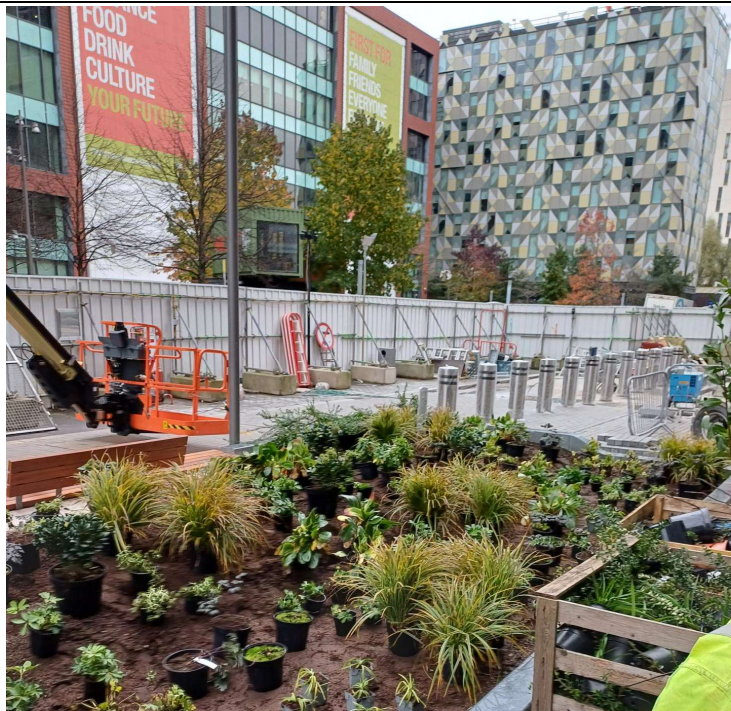


Plate 66: Friday 1st November 2024. Sampling raised beds – MTS105.

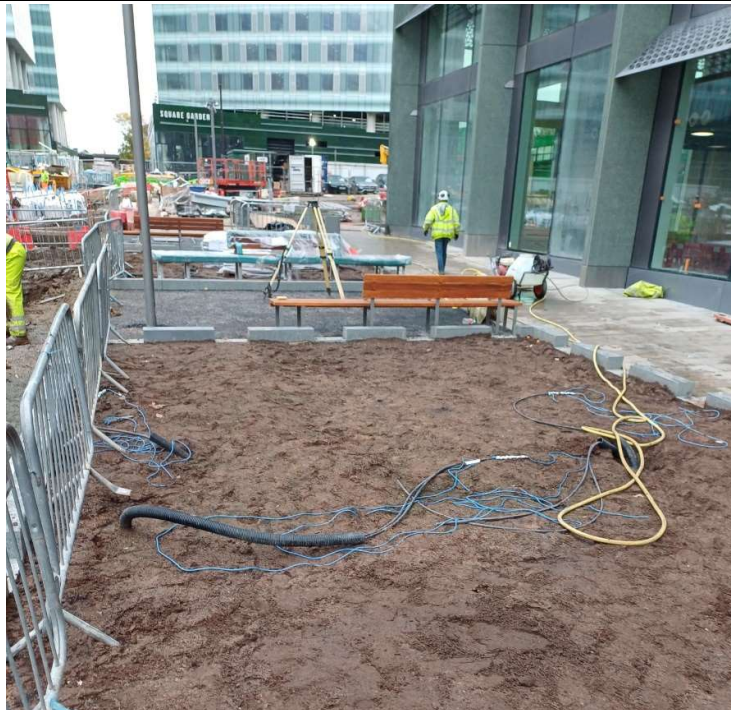


Plate 67: Friday 1st November 2024. Sampling raised beds – MTS106.

DAILY SITE DIARY

PROJECT	First Street Plot 9		
JOB NUMBER	22116		
DATE	05/09/22		
RECORDED BY	Andrew Harris		
TIME ON SITE	08:00	TIME OFF SITE	16:00

SITE OBSERVATIONS / NOTES

PERSONNEL / CONTRACTORS PRESENT

Murraywood – Site manager Dave, Project Engineer Hagan and Director Billy

SITE ACTIVITIES

Asbestos Watching Brief during excavation of hardstanding and made ground materials beneath.

Walkover of stockpile where asbestos cement fragments have been encountered. One fragment encountered on surface of stockpile, removed and safely bagged.

No potential ACM's identified during hardstanding excavations.

Fill and rolling of area to south of the site.

Asbestos air monitoring carried out by Lucion, certificate in folder. No detectable fibres. Very dry, dusty conditions.

PLANT OPERATING

Two JCBs and one Dumper

PLANT NOT OPERATING

N/A

KEY PHOTOGRAPHS

See photographs folder for 05/09/22

COMMUNICATIONS
Results of hotspot and stockpile testing returned with 2 positive ID's in Hotspot 1, but quantifications detail less than 0.001% fibre content. Arisings from stockpile to be picked tomorrow prior to muckaway.
OTHER

DAILY SITE DIARY

PROJECT	First Street Plot 9		
JOB NUMBER	22116		
DATE	06/09/22		
RECORDED BY	Andrew Harris		
TIME ON SITE	08:00	TIME OFF SITE	16:00

SITE OBSERVATIONS / NOTES

PERSONNEL / CONTRACTORS PRESENT

Murraywood – Site manager Dave, Project Engineer Hagan

AEC – asbestos monitoring technician am

Lucion – asbestos monitoring technician pm (Matt)

Chartrange – earthworks contractor personnel

Note – further asbestos monitoring by Lucion on Wednesday, Thursday and Friday this week (Idom not present)

SITE ACTIVITIES

Asbestos Watching Brief during excavation of hardstanding and made ground materials beneath.

Observation of muckaway of stockpile for any potential ACM fragments (non encountered)

No potential ACM's identified during hardstanding excavations.

Asbestos pick of contaminated material completed. Approximately 40 – 60 fragments of asbestos cement recovered and placed in asbestos waste bag, stored securely in container. Vast majority was found in one part of the segregated mound, suggesting a buried cache of ACMS. Idom oversaw the picking and is satisfied that all large fragments have most likely been removed.

Excavated hardstanding stockpiled with aim to be crushed and re-used in future. Excavated MG materials stockpiled.

Main stockpile being mucked away from site (about 1/3 complete).

PLANT OPERATING

DAILY SITE DIARY

Two JCBs and one Dumper. Many wagons entering and leaving site throughout the day.
--

PLANT NOT OPERATING

N/A

KEY PHOTOGRAPHS

See photographs folder for 06/09/22

COMMUNICATIONS

Air monitoring to continue this week without Idom present. Technicians are inducted and briefed and signed on to Idom RAMS. Murraywood to contact Idom if any further potential ACMs are encountered.

OTHER

DAILY SITE DIARY

PROJECT	First Street Plot 9		
JOB NUMBER	22116		
DATE	25/08/22		
RECORDED BY	Andrew Harris		
TIME ON SITE	08:00	TIME OFF SITE	12:00

SITE OBSERVATIONS / NOTES

PERSONNEL / CONTRACTORS PRESENT

Murraywood – Site manager Dave, Project Engineer Hagan and Director Billy
Idom Merebrook – Andrew Harris

SITE ACTIVITIES

Sampling of hotspots and made ground stockpile by Idom.

Four hotspots were excavated in the west of the site into made ground. After excavations were completed, a total of 5 samples per hotspot were obtained (from the four sides and base of each excavation) and samples scheduled for asbestos ID and gravimetric quantifications.

A nearby stockpile was also sampled and tested for asbestos ID and gravimetric quantifications.

Sample IDs: HS1, HS2, HS3, HS4 and Stockpile.

PLANT OPERATING

N/A

PLANT NOT OPERATING

N/A

KEY PHOTOGRAPHS

See photographs folder for 25/08/22

COMMUNICATIONS

DAILY SITE DIARY

Idom to provide results of asbestos testing ASAP to Murraywoods

OTHER
Weather was warm and dry.

APPENDIX 7 ▪ Gas Validation Report



Project Name: Dual -1st Street, Manchester, M15 5FJ

Project Address: Medlock Street
Manchester
M15 5FJ
Greater Manchester

Sika Project Number: TP-00005839

Sika Specification Manager: Peter Cowan

Contractor: Lainton Services Ltd

Contractor Contact Email: james@laintonservices.com

Visit Name: Basement - SikaProof Inspection 1

Date Of Visit: 2023-05-19

Reason For Visit: Progress

Trained Operatives In Attendance:

Others In Attendance: Lainton Services staff not on site - Escorted by Ollie @ Murraywood Construction

Weather Conditions: Cloudy

Training Required No

Assessment Action: Progress inspection

Technical Comments:

Next Inspection Trigger: Further assessment of works required. Site visit scheduled 25/05.

Sika Representative

Name: Tom Perry

Job Title: Senior Waterproofing Technician



Reviewed By

Name: Scott Hawley

Job Title: Technical Services Manager



Basement - SikaProof

AREA	MATERIAL
Project Type	New
BS8102:2009 Type	Type A
BS8102:2009 Grade	Grade 3
Additional Permeability Requirements	No Gas Specification Required
Solution(s)	SikaProof® A-08
Solution(s)	Sikalastic®-1K
Accessories	SikaProof® Tape-150 A
Accessories	SikaProof® ExTape-150
Construction Jointing	Not Applicable (Construction Joints)
Movement Jointing	No movement joints specified

Basement - SikaProof

Area size (m²): 2000

REPORT

02.) Substrate Preparations



Not Visible

Comment: Contiguous piled wall is reported to have been blanked off using shot-fired concrete as a blinding. Whilst this is not directly visible the installed SikaProof A-08 membrane appears to be installed against a flat surface.

03.) Penetration Sealing Detailing

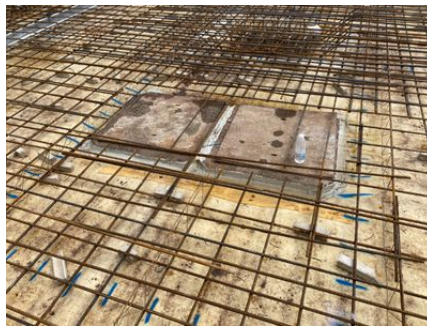
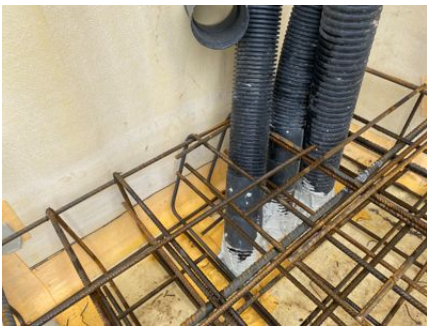
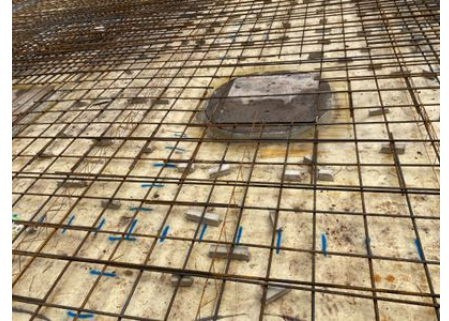


Acceptable

Comment: Reinforcement fixings through the liner wall are sealed with Sikadur-Combiflex

Adhesive. Some remain to be completed.

Penetrations and manholes through the slab are all detailed and sealed to the SikaProof A-08 membrane using SikaProof Tape-150A and Sikadur-Combiflex Adhesive without obvious visible issue.

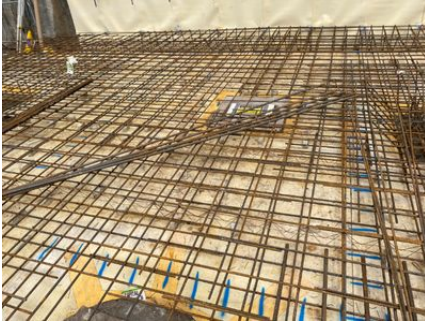
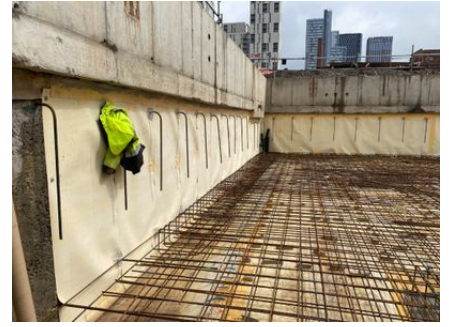


04.) Membrane Installations

Other

Comment: SikaProof A-08 membrane has been installed, lapped, and sealed to liner walls and slabs generally without obvious visible defect. Some horizontal self-adhesive laps on walls have opened up and require resealing. SikaProof Tape-150A can be used to bolster laps over these areas. Ensure all self-adhesive laps and taped joints are pressure-rolled.

Advised Murraywood Construction to ensure all debris, litter, significant contamination, and standing water is removed from the base and thickenings prior to pouring concrete. Also advised that any concrete overspill onto second pour section of bases be cleared and cleaned immediately as to not lose the fully-bonded properties of the SikaProof A-08 membrane.



05.) Terminations



Other

Comment: An area where SikaProof A-08 has bonded to a section of capping beam requires removal and re-application of continuity detail. This is to allow continuity of the SikaSwell A-2010 waterbar installed within 150mm unreinforced cover to be achieved.

Photographic evidence or re-assessment of these areas is required.



5a.) Terminations

 Other

Comment: Two areas on Gridline: 6 were found where Sikadur-Combiflex Adhesive requires thicker application to ensure continuity of waterproofing is maintained through the capping beam where the membrane under the capping beam has had to be trimmed short. A crack in the Sikadur-Combiflex Adhesive is also visible next to this area and requires reapplication.

Photographic evidence or re-assessment of these areas is required.



5b.) Terminations

 Acceptable

Comment: Generally, continuity detailing underneath the capping beam to liner wall has been completed without obvious visible defect.

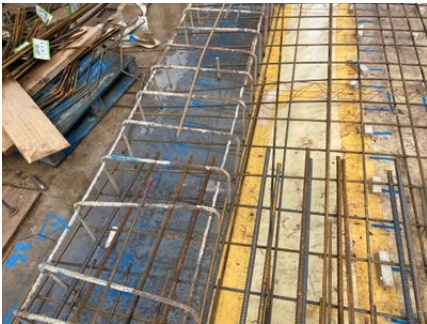


5c.) Terminations



Acceptable

Comment: SikaProof A-08 membrane has been terminated to the groundbeam using SikaProof Tape-150A which is coated in a layer of material assumed to be Sikadur-32+.



07.) Additional Comments



Acceptable

Comment: Basement liner walls and pour areas 1, 2, 3.

DISCLAIMER

Waterproofing Site Attendance Procedure Guidelines:

This document is meant as a record of site attendance and comments/actions arising. Please note that site attendance does not constitute supervision and does not imply responsibility for workmanship.

Note: Sika Site attendance is necessary to qualify for our Guarantee and is free of charge to contractors using the Sika® watertight concrete system, SikaProof® system, Sika Bentoshield, Sika Cavity Drain, Sikaplan Gas VOC or a multiple system approach. Sika Limited will determine the frequency of the site attendance on a project by project basis.

Planning (Waterproofing Support - 01707 363875)

A planning meeting should be held with the site management and, if needed, the design team to discuss:

- Programme
- Sika waterproofing requirements
- Joint layout and appropriate Sika solution for sealing joints,
- Service entry points and appropriate Sika solution for sealing
- Person(s) to be main points of contact between Sika and site

Tool Box Talks – Supervisor and team to attend

Before waterproofing works commence on site, the following should be covered with site staff and a Sika operative:

- Best practice for installation of Sika waterproofing products
- General membrane practice
- General concrete practice: placing, compaction and curing methods.
- Substrate preparation: Joint rebates, surface retarders, scabbling
- Joint system installation including a physical demonstration
- Detailing of penetrations and tie holes

Note: Only site personnel, who have received a tool box talk, should install Sika products. The names of these personnel will be recorded and have their photograph taken and recorded.

- If a Sika technician is not able to attend site for a site assessment, it is the Contractor's responsibility to provide photographs of the applicable area of works detailing the materials installed and their location e.g. grid-lines
- Should the Sika Waterproofing Site Attendance procedure not be followed, the project may not qualify for the Sika Guarantee

Attendance (2 Hours maximum per visit)

Site attendance by Sika is focused on material, joint installation and proper detailing. Site attendance will be limited to 2 Hours per visit unless otherwise agreed. An attendance log MUST be completed for each site visit and distributed as agreed. This attendance log will cover:

- General practice
- Material installation Detailing
- Highlight any issues identified and actions required
- Recommended remedy for issues identified
- Any repairs carried out

Non-Conformities

Any non-conformity must be rectified for the project to qualify for the Sika Guarantee. Sika operatives must witness the corrective action or proof (Sika discretion) must be given by the Contractor to Sika Limited that the corrective action has been undertaken. Failure to comply may result in those areas being excluded from the Guarantee.

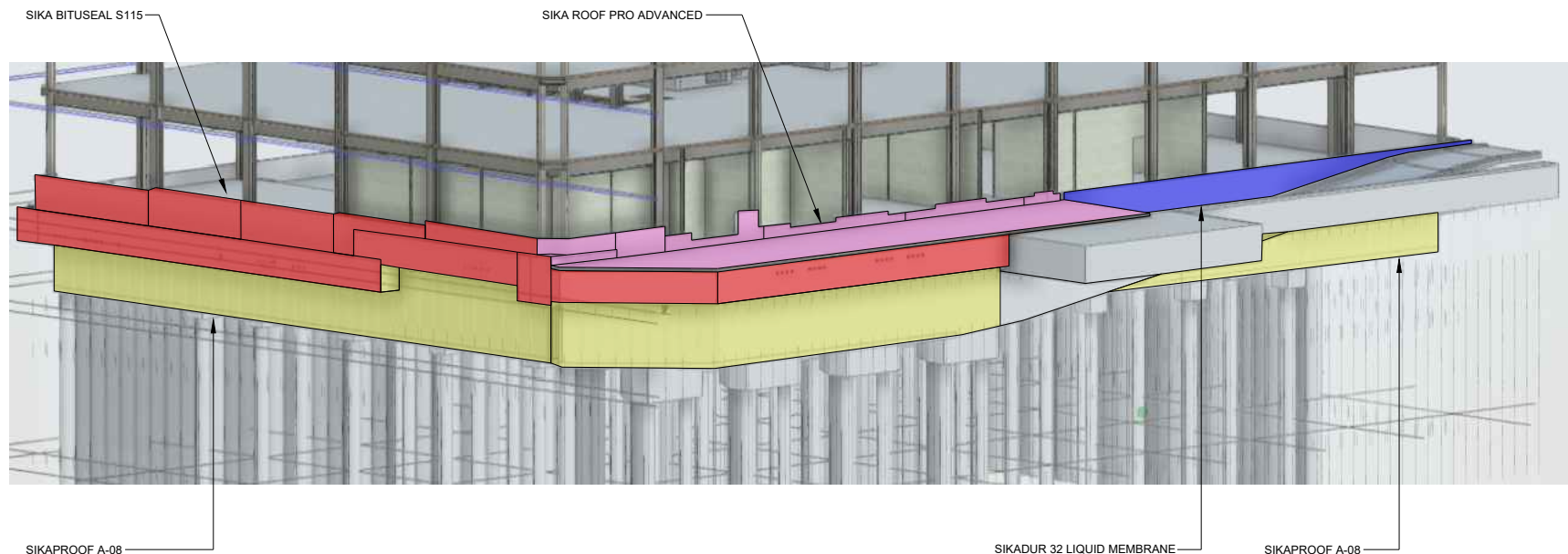
Final Assessment

A final assessment by Sika has to take place for the Sika Guarantee to be issued. Sika must be notified prior to commencing internal works, i.e. plastering or covering over the concrete. The areas must be clear, dry and accessible for the final assessment. Any non-conformity stated in the site assessment reports must be completed before final assessment. Guarantee request forms may be downloaded from www.sikawaterproofing.co.uk. Guarantees must be requested within 12 months of final assessment.

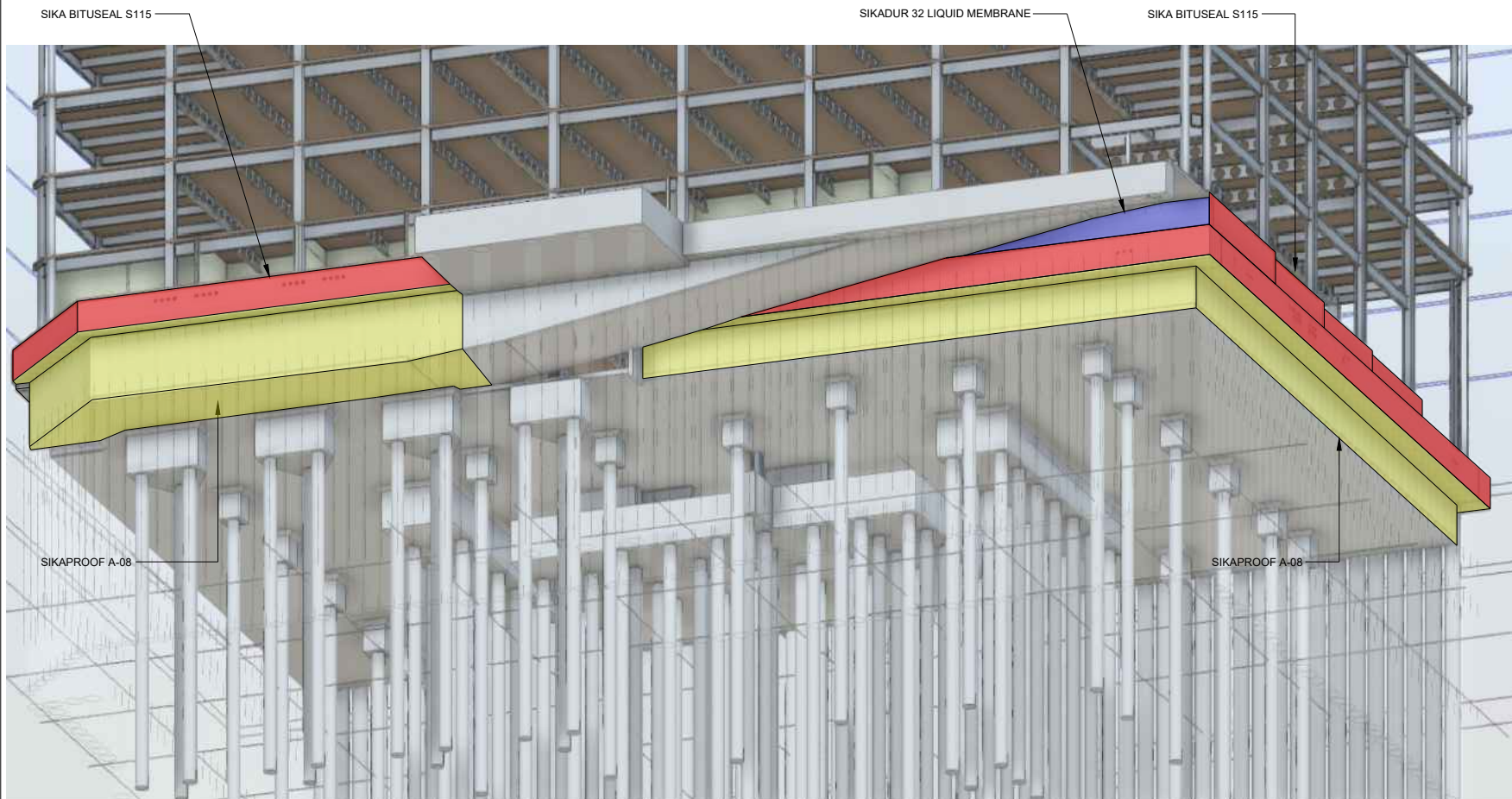
Waterproofing Support - 01707 363875 E-Mail - waterproofing@uk.sika.com

Website - www.sikawaterproofing.co.uk

The information contained herein and any other advice are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. The information only applies to the application(s) and product(s) expressly referred to herein and is based on laboratory tests which do not replace practical tests. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



Scale: NTS @ A4	Date:02/11/22	Pepper House Business Centre, 1 Pepper Road, Hazel Grove, Stockport, SK7 5DP. T: 0161 483 7676 E: enquiries@laintonservices.com W: laintonservices.com	Project: 1ST STREET, MANCHESTER
Drawn: HHCD	Checked: JB		Client: MURRAYWOOD CONSTRUCTION LTD
Drawing No: MN2A-LAI-XX-XX-Y-000005	Project No: C7478		Title: 3D WATERPROOFING DETAILS 1



NOTES:

SIKA BITUSEAL S115:-

Is a flexible waterproof membrane combining a high performance cross laminated, HDPE carrier film with a unique super sticky self-adhesive rubber bitumen compound.

SIKADUR 32:-

Is a moisture tolerant, structural, two part bonding agent, based on a combination of epoxy resins and special fillers, designed for use at temperatures between +10 °C and +30 °C.

SIKAPROOF A-08:-

Is a fully and permanently bonded, self-adhesive, composite sheet membrane waterproofing system. It consists of an embossed polyolefin (FPO) membrane laminated with a sealant grid and a non-woven fleece. SikaProof® A-05/-08/-12 is cold-applied and pre-applied, as it is installed without heat or open-flames, and before the steel reinforcement is fixed and the concrete is poured.

SIKA ROOF PRO ADVANCED:-

Sikalastic RoofPro Advanced is a single component, fibre reinforced, cold-applied, moisture-triggered polyurethane waterproofing membrane. It cures to form a seamless, elastomeric, durable and weather- resistant waterproofing solution for inverted roofs / podium decks.

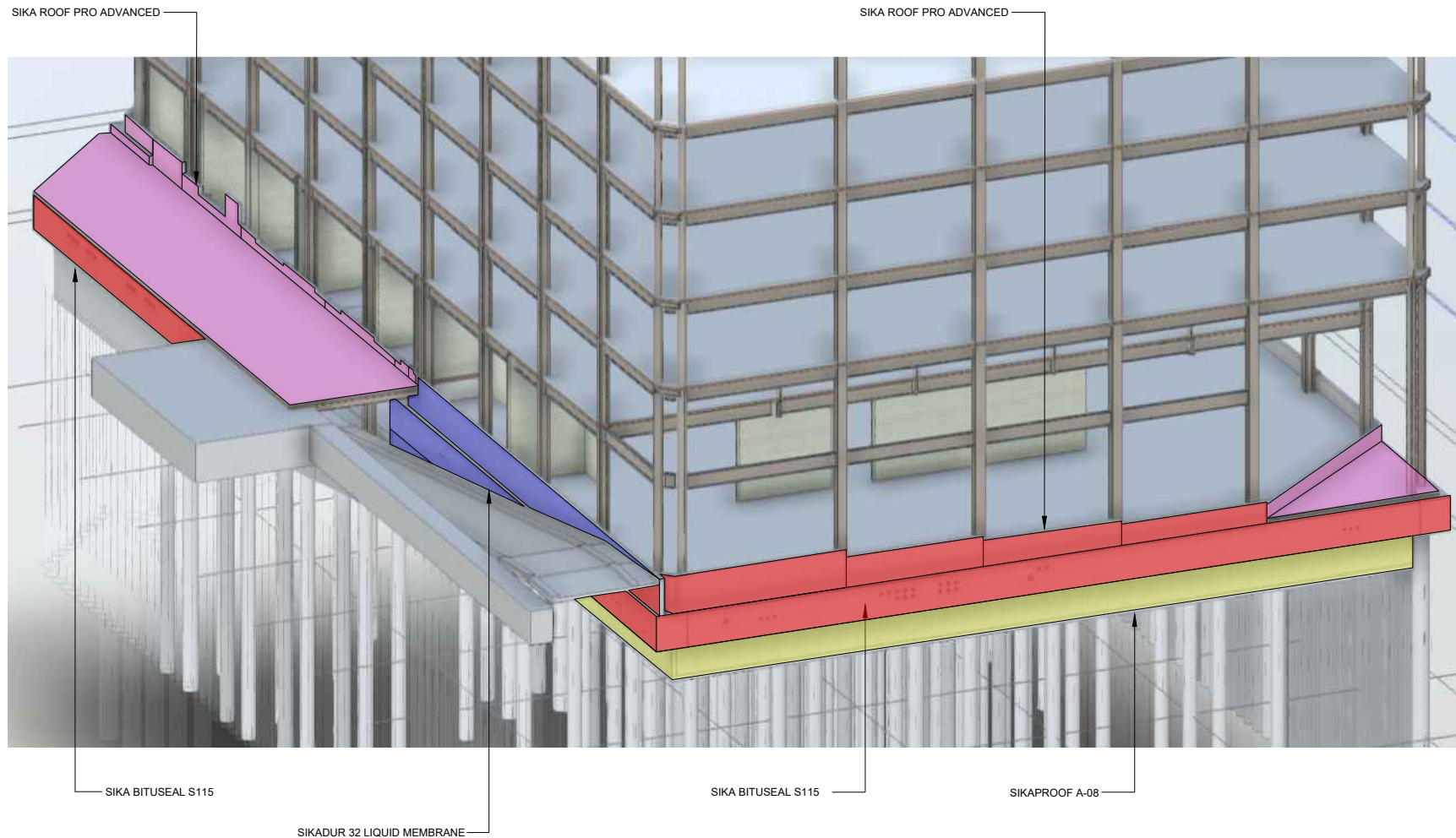
COLOUR LEGEND:

- SIKA BITUSEAL S115
- SIKADUR 32 LIQUID MEMBRANE
- SIKAPROOF A-08
- SIKA ROOF PRO ADVANCED

C01	01/12/22	3d Scope Drawing 2	XX
Rev:	Date:	Description:	Eng:

Scale: NTS @ A4	Date:02/11/22	Pepper House Business Centre, 1 Pepper Road, Hazel Grove, Stockport, SK7 5DP.
Drawn: HHCD	Checked: JB	
Drawing No: MN2A-LAI-XX-XX-Y-000006	Project No: C7478	T: 0161 483 7676 E: enquiries@laintonservices.com W: laintonservices.com

Project:	1ST STREET, MANCHESTER
Client:	MURRAYWOOD CONSTRUCTION LTD
Title:	3D WATERPROOFING DETAILS 2



NOTES:

SIKA BITUSEAL S115:-

Is a flexible waterproof membrane combining a high performance cross laminated, HDPE carrier film with a unique super sticky self-adhesive rubber bitumen compound.

SIKADUR 32:-

Is a moisture tolerant, structural, two part bonding agent, based on a combination of epoxy resins and special fillers, designed for use at temperatures between +10 °C and +30 °C.

SIKAPROOF A-08:-

Is a fully and permanently bonded, self-adhesive, composite sheet membrane waterproofing system. It consists of an embossed polyolefin (FPO) membrane laminated with a sealant grid and a non-woven fleece. SikaProof® A-05/-08/-12 is cold-applied and pre-applied, as it is installed without heat or open-flames, and before the steel reinforcement is fixed and the concrete is poured.

SIKA ROOF PRO ADVANCED:-

Sikalastic RoofPro Advanced is a single component, fibre reinforced, cold-applied, moisture-triggered polyurethane waterproofing membrane. It cures to form a seamless, elastomeric, durable and weather- resistant waterproofing solution for inverted roofs / podium decks.

COLOUR LEGEND:

- SIKA BITUSEAL S115
- SIKADUR 32 LIQUID MEMBRANE
- SIKAPROOF A-08
- SIKA ROOF PRO ADVANCED

C01	01/12/22	3d Scope Drawing 3	XX
Rev:	Date:	Description:	Eng:

Scale: NTS @ A4

Date: 02/11/22

Drawn: HHCD

Checked: JB

Drawing No:

Project No:

MN2A-LAI-XX-XX-Y-000007

C7478

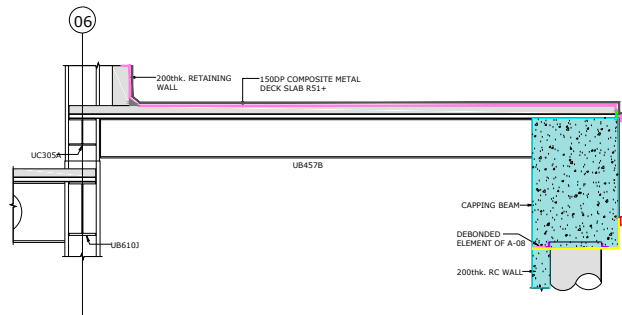
Pepper House Business Centre,
1 Pepper Road, Hazel Grove,
Stockport, SK7 5DP.

T: 0161 483 7676
E: enquiries@laintonservices.com
W: laintonservices.com

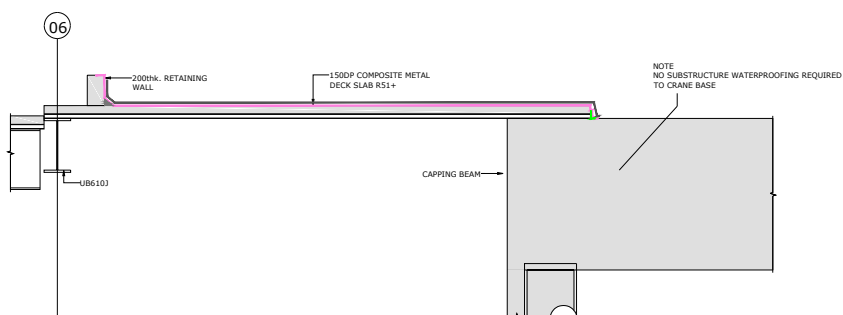
Project: 1ST STREET, MANCHESTER

Client: MURRAYWOOD CONSTRUCTION LTD

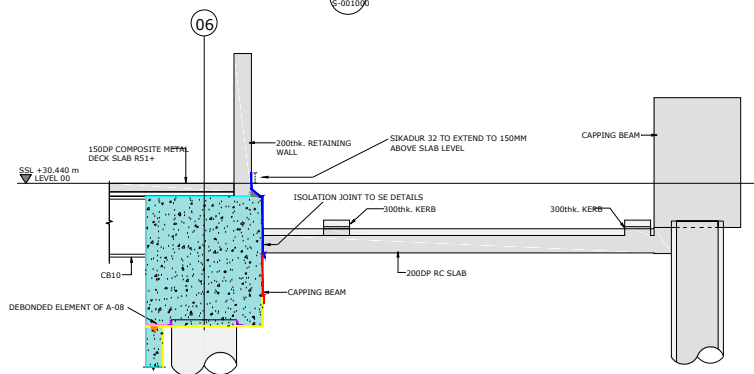
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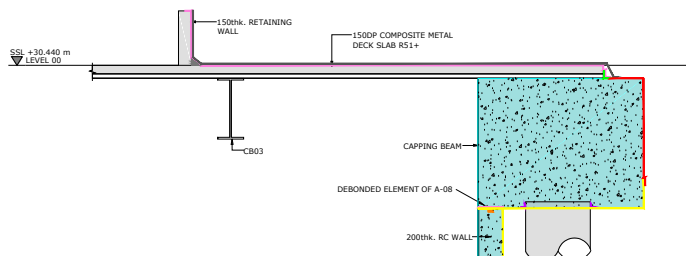
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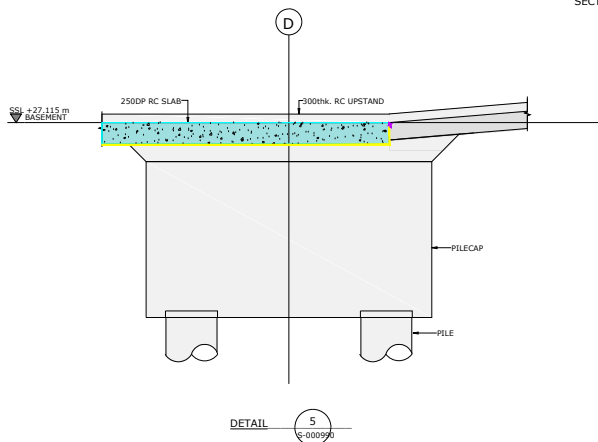
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S-001000



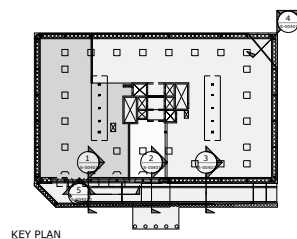
DETAIL 3
S-001000



SECTION 4
S-001000



DETAIL 5
S-000998



NOTES:

SIKA BITUSEAL S115:-

Is a flexible waterproof membrane combining a high performance cross laminated, HDPE carrier film with a unique super sticky self-adhesive rubber bitumen compound.

SIKADUR 32:-

Is a moisture tolerant, structural, two part bonding agent, based on a combination of epoxy resins and special fillers, designed for use at temperatures between +10 °C and +30 °C.

SIKAPROOF A-08:-

Is a fully and permanently bonded, self-adhesive, composite sheet membrane waterproofing system. It consists of an embossed polyolefin (FPO) membrane laminated with a sealant grid and a non-woven fleece. SikaProof® A-05/-08/-12 is cold-applied and pre-applied, as it is installed without heat or open-flames, and before the steel reinforcement is fixed and the concrete is poured.

SIKASWELL 2010 WATERBAR:

SikaWell 2010 is a swellable hydrophilic joint sealing system designed to be centrally placed in concrete to concrete junctions with Sika S2 adhesives/Mastic.

SIKA COMBIFLEX ADHESIVE:-

Sikadur-Combiflex® CF Adhesive Normal is a 2-part epoxy based thixotropic adhesive / sealant used for bonding the Sikadur-Combiflex® SG modified flexible Polyolefin (FPO) waterproofing tapes to different substrates. Internal and external use.

SIKA ROOF PRO ADVANCED:-

Sikalastic RoofPro Advanced is a single component, fibre reinforced, cold-applied, moisture-triggered polyurethane waterproofing membrane. It cures to form a seamless, elastomeric, durable and weather-resistant waterproofing solution for inverted roofs / podium decks.

SIKAPROOF GEODRAIN 850:-

Is a heavy duty drainage and protection sheet produced from high density polyethylene (HDPE) with dimples 10 mm high and a filtration layer of geotextile (PP) bonded on the top.

Sikadur Combiflex System:-

High performance joint sealing system for construction, expansion and connection joints as well as for cracks. When fixed to the joint, allows irregular and high movement in more than one direction, whilst maintaining a high quality seal. The Sikadur®-Combiflex® System consists of a flexible Hypalon waterproofing tape and a suitable Sikadur® epoxy adhesive.

COLOUR LEGEND:

- SIKA BITUSEAL S115
- SIKADUR 32 LIQUID MEMBRANE
- SIKAPROOF A-08
- SIKASWELL 2010 WATERBAR
- SIKA COMBIFLEX ADHESIVE
- SIKA ROOF PRO ADVANCED
- SIKA GEODRAIN 850 / PROTECTION BOARDS
- SIKA COMBIFLEX BANDAGE
- EXTENT OF WATERPROOF CONCRETE

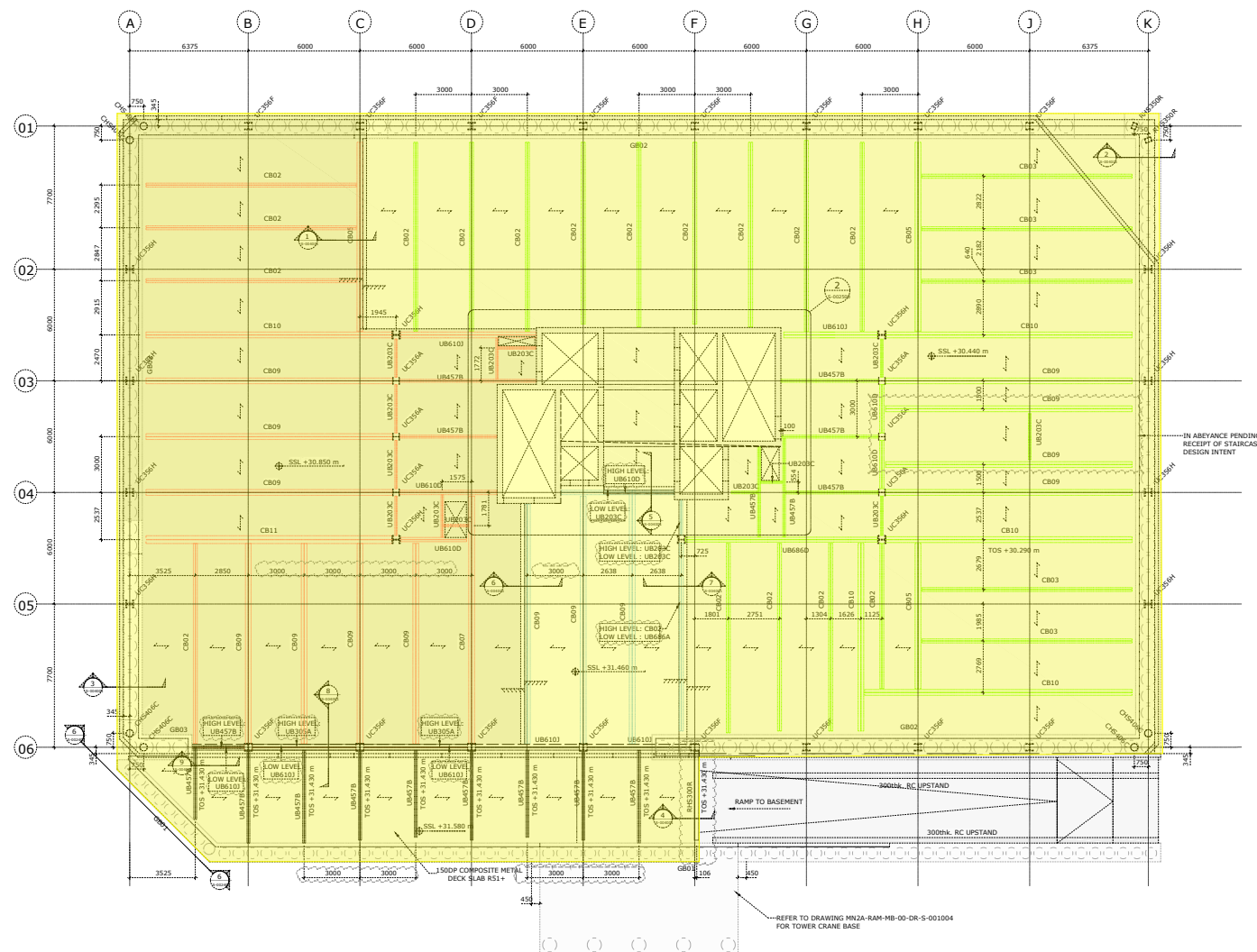
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Rev:	Date:	Description:	Eng:

Scale: NTS @ A4	Date: 02/11/22
Drawn: HHCD	Checked: JB
Drawing No: MN2A-LAI-XX-XX-Y-000004	Project No: C7478

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W: laintonservices.com

Project:	1ST STREET, MANCHESTER
Client:	MURRAYWOOD CONSTRUCTION LTD
Title:	ADDITIONAL WATERPROOFING SECTIONS

NOTES:



COLOUR LEGEND:

YELLOW SHADED AREA SHOWS EXTENT OF WATERPROOFING WORKS TO STRUCTURE

C01 01/12/22 General scope of waterproofing XX
Rev: Date: Description: Eng:

Scale: NTS @ A4

Date: 02/11/22

Drawn: HHCD

Checked: JB

Drawing No:

MN2A-LAI-XX-XX-Y-000001

Project No:

C7478

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E: enquiries@laintonservices.com
W: laintonservices.com

Project: 1ST STREET, MANCHESTER

Client: MURRAYWOOD CONSTRUCTION LTD

Title: EXTENT OF WATERPROOFING

Lainton
Services
National Waterproofing Specialists