

URBAN SPLASH CONSTRUCT LTD

CONSTRUCTION
(DESIGN AND MANAGEMENT)
REGULATIONS 2015

CONSTRUCTION PHASE PLAN (REV A)

“New Islington Phase 3C” Lockyard Lane Manchester, M4 6JN

Project Title:		Revision No.:	Issue Date:
New Islington Phase 3C			14 th May 2021
Prepared by:			
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Issued to:			
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Lee Taylor	Contracts Manager	Urban Splash Construct	
Craig Williamson	Site Manager	Urban Splash Construct	
The CPP is issued to the Urban Splash Construct Team and relevant parts to all Contractors			

COMMENCEMENT DATE

17th May 2021

STRUCTURE

PART 1: INTRODUCTION AND GENERAL DETAILS	PAGE 03
PART 2: DESCRIPTION OF THE PROJECT TEAM	PAGE 12
PART 3: MANAGEMENT OF THE WORKS	PAGE 18
PART 4: ARRANGEMENTS FOR CONTROLLING SIGNIFICANT PROJECT RISKS	PAGE 29
PART 5: HEALTH AND SAFETY FILE	PAGE 43

CONSTRUCTION PHASE PLAN

PART 1 – INTRODUCTION AND GENERAL DETAILS

**“New Islington Phase 3C”
Lockyard Lane
Manchester, M4 6JN**

COMMENCEMENT DATE

17th May 2021

CONTENTS

PART 1	Introduction and General Details	3
1.01	Purpose	6
1.02	Preparation, Development and commitment of Health and Safety for the Project	6
1.03	Coronavirus (Covid 19) Overview	8
1.04	Revision Page	9
1.05	Urban Splash Construct Health and Safety Manual Overview	10
PART 2	Description of the Project/Team	12
2.01	Description of the works	13
2.02	Safety aims and objectives	13
2.03	Project address	15
2.04	Commencement Date	15
2.05	Proposed Completion Date	15
2.06	Client Details	15
2.07	Project Manager and Employers Agent	15
2.08	Architect	16
2.09	Principal Designer	16
2.10	Principal Contractor	16
2.11	Structural Engineers	16
2.12	Mechanical and Electrical Engineers	17
2.13	Fire Engineer	16
2.14	Utilities	16
2.15	House Contractor	17
PART 3	Management of the Works	18
3.01	USC Site Contact and Responsibilities/Inspection Requirements	19
3.02	Site Access, including traffic management, including	24
3.03	Strategy for delivering, offloading, and positioning modular units.	26
3.04	Site Security	26
3.05	Welfare Facilities	27
PART 4	Arrangements for Controlling Significant Project Risks	28
4.01	Overview of the critical risk areas highlighted	29
4.02	Storage areas on site	39
4.03	Control of site traffic	39
4.04	Specific requirements of the client	39
4.05	Detail of any specific safe systems of work/permit to work Systems	39
4.06	Arrangements for communication and coordination	39
4.07	COSHH	39
4.08	Site Management Structure	40
4.09	Site rules and Inductions	40
4.10	Fire procedures	42
4.11	Contractor control	42
4.12	Risk assessment and method statement record	43
4.13	Training certification and toolbox talks	45

4.14	Accident reporting procedure	46
PART 5.	Health and Safety File	48
5.01	Health and Safety File requirements overview	49
Appendices		50
Appendix 1	CDM Pre-Construction Information (PCIP).	
Appendix 2	Traffic Management Plan.	
Appendix 3	Waste Management Plan.	
Appendix 4	Open Reach Services.	
Appendix 5	As Built LV Rev A.	
Appendix 6	As Built LV Rev G.	
Appendix 7	As built Water.	

1.0 Introduction and General Details

1.01 Purpose

The purpose of this construction phase plan is to lay down the arrangements by Urban Splash Construct to manage health and safety on this project. It will provide instruction, guidance, and support on the project's specific arrangements for the project team in their managing and monitoring of the health, safety, and environment related activities of this project.

1.02 Preparation, Development and Commitment of Health and Safety for the Project.

The Construction (Design and Management) Regulations 2015 make the requirement for the principal contractor to produce a construction phase plan, which outlines the resources, and management arrangements for health and safety throughout the project construction phase.

The Construction Phase Plan is formulated primarily from the pre-construction risk information provided by the Client and Principal Designer and taking into consideration any information from the client and designers involved with the project.

Under CDM 2015, there is a specific duty on the client, in Regulation 4, to ensure that the construction phase does not start until the principal contractor has prepared a **construction phase plan**, which complies with Regulation 12.

The pre-construction information has been developed and provides the information to develop and create the Construction phase plan, this can be referenced on site and read in conjunction with this Construction Phase Plan.

This Construction phase plan will be issued to all relevant parties such as the Client, the principal designer, designers, subcontractors and third parties for their information and use.

The pre-construction health and safety plan is included within all tender packages to ensure that tendering contractors are made aware at the earliest possible opportunity of the key risks associated with their work and residual risks inherent with the site.

This is then further developed through pre-contract coordination between Urban Splash Construct, the appointed sub-contractor and design team (where appropriate).

The pre-construction plan is formulated to convey relevant health and safety information to those undertaking the project and has been referenced thoroughly during the development of the Construction Phase Plan.

This construction phase plan will be checked and approved by Urban Splash Construct safety, quality and environmental team and will have been suitably developed by the Principal Contractor as required by regulation 23(1)(a) and 23(2) of the Construction (Design and Management) Regulations 2015.

The developed plan is submitted to the Principal Designer for approval prior to work commencement who must in turn advise the Client that the plan has been sufficiently developed to allow the construction phase to begin as required by Regulation 16 of the Construction (Design and Management) Regulations 2015.

This development includes such measures as is reasonable to ensure the plan contains, until the end of the construction phase arrangements that will, so far as is reasonably practicable, ensure the health and safety of all those working on or affected by the project works.

The construction phase plan is a “living document” (it will be reviewed and up dated accordingly, reviewed regularly and formally 3-monthly from first issue to ensure update completed as required to reflect progress, design change and development, changes in project circumstance and developments during the ‘lifetime’ of the Project) to be supplemented as the project develops by the introduction of supporting documents such as sub-contractor method statements, risk assessments, induction procedures, site inspections, including specific inspections for plant and equipment, fire management procedures, tool box talks, design reviews and any further documentation relevant to the ongoing health and safety management of the project.

Urban Splash Construct understands the importance of effective safety management and is fully committed to acting as a competent Principal Contractor throughout the duration of this contract.

Urban Splash Construct aims to provide a high quality, safe construction environment with minimal risks for all concerned.

It is the intention of the Urban Splash Construct that there will be no incidence of accidents or ill health for those working on or affected by this project. Urban Splash Construct will always ensure the safety of its employees and any other persons on site at any time and any other persons affected by the project; they will also ensure compliance with all statutory requirements throughout the duration of this project.

1.03 Coronavirus (COVID-19) Overview

Introduction

Construction sites operating during the Coronavirus Covid-19 pandemic need to ensure they are protecting their workforce and minimising the risk of spread of infection. This guidance is intended to introduce consistent measures on sites of all sizes in line with the Government's recommendations on social distancing and is produced in accordance with Version 7 of the Construction Leadership Council's Site Operating Procedures. There are also several appendices provided which will further support sites in complying with Covid 19 control measures and being able to demonstrate this to their own workforce, sub-contractors, clients, and other relevant parties.

These are exceptional circumstances, and the industry must always comply with the latest Government advice on Coronavirus.

The health and safety requirements of any construction activity must also not be compromised at this time. If an activity cannot be undertaken safely due to a lack of suitably qualified personnel being available, then it should not take place. It is also acknowledged that emergency services are also under greater pressure and may not be able to respond as quickly as usual. Sites should remind the workforce at every opportunity of the Site Operating Procedures which are aimed at protecting them, their colleagues, their families, and the UK population.

Current PHE guidance for construction states "where it is not possible to follow the social distancing guidelines in full in relation to a particular activity, you should consider whether that activity needs to continue for the site to continue to operate, and, if so, take all the mitigating actions possible to reduce the risk of transmission".

There are several supporting documents, which assist with the management of risk associated with Covid 19.

1. Covid 19 Checklist/Action Plan
2. Risk Assessment Templates
3. Induction Form
4. Toolbox Talk
5. CPA Guidelines for Plant Operations
6. RPE/PPE Guidance
7. Covid 19 Close Working Permit
8. Cleaning Guidance
9. CITB Weekly Compliance Checklist
10. Working Safely Guide: Construction and other outdoor work

These documents have been issued to Urban Splash Construction and will essentially form a Covid 19 Appendix to the CPP

1.04 Revision Page

SCHEDULE OF REVISIONS

Revision No.	Date	Pages/Section Revised	Comment	Approved
A	14/05/2021	Appendices	Appendix 2-7 Added	PH

1.05 Urban Splash Construct Health and Safety Manual Overview

Urban Splash Construct has a robust health and safety manual, which underpins this construction phase plan and includes all the key documentation to enable the effective management of health and safety throughout the project.

USC H&S Manual (contents noted below)

1. Construction Phase Plan and Traffic Management Plan.
2. Contractor Control.
3. Permit to Work.
4. Inspection and Monitoring.
5. Statutory Inspections.
6. Fire and Emergency. 7. Accident and Incidents.
8. Training and Information.
9. Risk Assessment and Method Statement.
10. Hand Arm Vibration.
11. Temporary Works.
12. COSHH.
13. PPE.
14. Inductions.
15. Covid 19 support documents.
16. Guidance.

NOTE: The H&S Manual is available on the I Drive Folder

The site filing system of which this construction phase plan is part of will be established from the outset and follow the below structure as per the documents stored on the I Drive Folder

I Drive Index (H&S)

- **Accidents** – *all accident reports complete with investigations, photos, return to work forms where necessary.*
- **Asbestos** – *All surveys, correspondence, clean air certs etc.*
- **Clean up Notices** – *All notices in sequential order.*
- **Compound Plans** – *all marked up drawings.*
- **Construction Phase Plan** – Also Construction Management Plan, PreConstruction Phase Plan.
- **COSHH** - *All COSHH in one folder sectioned per contractor with index with section for operatives to sign with RAMS.*
- **Environmental Plan** – *Copy of environmental plan.*
- **Excavation Inspections** – *from Contractors & USC.*
- **F10** – *Copy of F10.*
- **Face fit** – *Sub divided per contractor.*

- **Fire** - *Fire Risk Assessment, Emergency Fire procedures, Fire extinguisher records, Fire safety plan, Fire Drills, Alarm checks.* • **H&S Inspections** – *Contractor's inspections only*
- **Harness Inspections** - *sectioned per contractor.*
- **HAVS** - *sectioned per contractor.*
- **Hoarding Inspections** – *Copies of all inspections*
- **Hospital Route** – *Copy of Hospital route*
- **HSE Visits / Reports** – *Copy of any visit, completed visit report, any actions from visit.*
- **Lift Plans** – *All docs*
- **LOLER** - *sectioned per contractor.*
- **PAT Test Certs** - *sectioned per contractor.*
- **Permits** – *All permits in sequential order.*
- **Plant Checks & Certs** - *sectioned per contractor.*
- **Pile Mat design & Plate Load Tests** – *Copies of design and all tests.*
- **PUWER** - *sectioned per contractor.*
- **Rawlings Inspections** – *Copies of all inspections & also copies of actions from the inspections.*
- **Safety Non-Compliance** – *all contractors in sequential order.*
- **Scaffold inspections** – *All Handover forms and 7-day checks.*
- **Temporary works** – *All registers and designs.*
- **Toolbox Talks** – *All TBT's in sequential order.*
- **Traffic Management Plan** – *Current live all S/S in archive folder.*
- **USC H&S Policy** – *Copy of Policy and appendices.* • **USC RAMS** – *Forklift, Labourer, cleaner, Hoist etc.*
- **UXO Surveys** – *surveys, drawings, correspondence.*

CONSTRUCTION PHASE PLAN

PART 2 – DESCRIPTION OF THE PROJECT TEAM

**“New Islington Phase 3C”
Lockyard Lane
Manchester, M4 6JN**

COMMENCEMENT DATE

17th May 2021

2.0 Description of the Project Team

2.01 Description of Works

Briefly, the Works will include: the construction of 13 No. 3 storey dwellings, which are constructed in 1 staggered terrace, with all associated infrastructure works, public realm, landscaping, etc. The houses are modular prefabricated units, which are mostly completed off site and lifted into position with a mobile crane. The houses are positioned on, and secured to, concrete ground beams bearing onto piled foundations. The houses will be connected to the drainage and services infrastructure.

2.02 Safety Aims and Objectives

The Construction (Design and Management) Regulations 2015 make the requirement for the principal contractor to produce a construction phase plan, which outlines the resources, and management arrangements for health and safety throughout the project construction phase.

Under CDM 2015, there is a specific duty on the client to ensure that the construction phase does not start until the principal contractor has prepared a **construction phase plan**, which complies with Regulation 12 of CDM.

In considering what information is included, the emphasis is that it:

- a) is relevant to the project:
- b) has sufficient detail to clearly set out the arrangements, site rules and special measures needed to manage the construction phase.
- c) is proportionate to the scale and complexity of the project and the risks involved.

The following list of topics is considered when drawing up the plan:

- a. A description of the project such as key dates and details of key members of the project team.
- b. The management of the work, including:
 - the health and safety aims for the project.
 - the site rules.
 - arrangements to ensure cooperation between project team members and coordination of their work e.g., regular site meetings.
 - arrangements for involving workers.
 - site induction
 - welfare facilities
 - fire and emergency procedures.
- c. The control of any of the specific site risks relevant to the work involved. This construction phase plan will be continuously developed throughout the construction phase. Primarily this is done in 2 ways, one is via sub-contractor documentation, which will consist of the following:
 - Copy of the pre-let minutes.
 - Induction records

- Site specific risk assessment and method statements
- Competence evidence were appropriate, i.e., CPCS card. • General and statutory inspection records
- Permits to work.
- Toolbox talks
- Correspondence/communication with the contractor
- COSHH Information
- Other information as deemed appropriate to their works.

Urban Splash Construct has developed a comprehensive health and safety manual, which underpins this construction phase plan, and provides all the documentation, including guidance on implementation, which make up the appendices section of this construction phase plan. These appendices will assist Urban Splash Construct and their sub-contractors in fulfilling their statutory obligations under health and safety legislation and ensure effective safety management on site.

Urban Splash Construct will also ensure this plan as a complete document is updated; this will include key elements, such as access/egress, traffic management, welfare security, resources and personnel, fire, and emergency arrangements and new or significant design changes as appropriate. This plan will be updated were appropriate to reflect these changes, and/or a separate document will be created, which is included as part of the plan.

The Construction (Design and Management) Regulations 2015 (CDM) have introduced the requirement for a Construction Phase Plan to be formulated for all projects falling within their scope.

This developed Construction Phase Plan has been checked and approved by Urban Splash Construct `s own safety, quality and environmental team and has been suitably developed by Urban Splash Construct as required by regulation 12 of the Construction (Design and Management) Regulations 2015

Urban Splash Construct shall take all reasonable steps to ensure that the construction phase plan identifies the risks to health and safety arising from the construction work.

(This includes the risks specific to the particular type of construction work concerned).

This development includes such measures as is reasonable to ensure the plan contains, until the end of the construction phase arrangements that will, so far as is reasonably practicable, ensure the health and safety of all those working on or affected by the works throughout the duration of the project.

The plan is a “living document” to be supplemented as the project develops by the introduction of supporting documents such as sub-contractor site specific method statements, risk assessments, induction procedures, site inspections, including specific inspections for plant and equipment and any further documentation

relevant to the health and safety of the project. Urban Splash Construct understands the importance of effective safety management to the client and is fully committed to acting as a competent Principal Contractor throughout the duration of this contract. Urban Splash Construct aims to provide a high quality, safe construction environment with minimal risks for all concerned.

It is the intention of Urban Splash Construct that there will be no incidence of accidents or ill health for those working on or affected by this project. Urban Splash Construct will ensure the safety at all times of its employees and any other persons on site at any time and any other persons affected by the project works; they will also ensure compliance with all statutory requirements throughout the duration of this project.

2.03 Project Address:	New Islington Phase 3C Lockyard Lane Manchester M4 6JN
2.04 Commencement Date:	17 th May 2021
2.05 Proposed Completion Date:	Mid 2022 (40 weeks)
2.06 Client:	Urban Splash House Ltd Timber Warf, 16-22 Worsley Street, Manchester, M15 4LD
Contact: Tel:	Simon Gawthorpe, Joe Woolley 0161 839 2999
2.07 Project Manager & Employers Agent:	Broadfield Project Management Courtwood House Silver Street Head, Sheffield, S1 2SS
Contacts: Tel:	Neil Sampson, Jack Needham 0114 279 2851 (07977 227336)
2.08 Architect:	Shed KM Tempest, 12 Tithebarn Street Liverpool, L2 2DT
Contacts: Tel:	Alan Ross, Harry Wright 0151 709 8211

2.09 Principal Designer (CDM):	Rawlings Safety and Training Consultancy Services 46 Roby Road, Huyton, Liverpool, L36 4HF
Contact Names:	Kevin Colleran, Phil Hughes
Tel No:	0151 480 8968 (Office)
Mobiles:	07876 634618 / 07835 613 816
2.10 Principal Contractor:	Urban splash Construct Ltd Timber Wharf, 16-22 Worsley Street, Manchester, M15 4LD
Contacts:	Ashley Terron, Craig Williamson
Tel:	07776 956865 / 07741 162169
2.11 Structural & Civil Engineers:	Joule Consulting Engineers Timber Warf, 40 Worsley Street, Manchester, M15 4LD
Contact:	Simon Waite, Nick Rule
Tel:	0161 832 3487 (07974 177537)
2.12 Mechanical and Electrical Engineers:	TACE Mechanical & Electrical Consultants Portland House, Stanley Green Business Park, Earl Road, Cheadle Hulme SK8 6QL
Contacts:	Nigel Griffiths, Damian Rafferty
Tel:	0161 486 0429
2.13 Fire Engineer:	Olsson Fire (OFR) Sevendale House Lever Street, Manchester, M4 6WX
Contact:	Stephen Dickson
Tel:	0330 9950648 (07776 117679)
2.14 Utilities:	Service Connections Ltd Corbridge Business Centre Tinklers Yard, Corbridge, NE45 5SB
Contacts:	Simon Hunter, Keith McCauley
Tel:	0143 463 6092

2.15 “hoUSe” Contractor:

Urban Splash Modular (USM).
Clover Nook Road,
Cotes Park Industrial Estate
Alfreton
Derbyshire DE55 4RF

Contact:

Kieran Bilkhu-Smith (Project Manager)

Tel:

01773 304999 (mobile: 07805 991 716)

CONSTRUCTION PHASE PLAN

PART 3 – MANAGEMENT OF THE WORKS

**“New Islington Phase 3C”
Lockyard Lane
Manchester, M4 6JN**

COMMENCEMENT DATE

17th May 2021

3.01 USC Site Contact and Responsibilities/Inspection Requirements.

N.B. Urban Splash Construct Ltd. And Urban Splash Modular Ltd are part of the Urban Splash Group of companies.

The organizational structure of responsibility for Health and Safety management within Urban Splash is as per the organization chart included in Section 2 of the companies H&S Policy. "Urban Splash" is ultimately run by the Chairman and his Board of Directors (as shown in the Executive Tier), and they all fully endorse this Health and Safety Policy and the arrangements defined within this Construction Phase Plan.

The Board of Directors has nominated Simon Gawthorpe (Joint Chief Operating Officer of Urban Splash) as the Appointed Board Director responsible for Health and Safety.

Thereafter, and specifically for the project works at "New Islington Phase 3C", Urban Splash Construct has a management structure, which will be in place to ensure the effective application of health on safety on site during the project works.

Ian Bull	Associate Director
Ashley Terron	Operations Manager
Lee Taylor	Contracts Manager
Craig Williamson	Site (Construction) Manager

Urban Splash Construct has delegated to Craig Williamson, responsibility for the day-to-day implementation of the arrangements and procedures defined within this construction phase plan and that the entire works are undertaken in a manner consistent with the terms and conditions of the contract.

The Construction Manager will work with the client and all regulatory authorities to ensure all legal requirements as are applicable to the design and construction of the project are fully met.

The Construction Manager shall ensure that the Client's and Principal Designer specified requirements have been incorporated into the relevant work procedures and that site documentation is compatible with the pre-construction information.

The Construction Manager and his assistant(s) are responsible for the co-ordination of all matters arising to the application for permits and licences as may be required to be issued by statutory and local authorities with respect to health, safety, environmental and waste disposal matters.

All construction managers and assistants have a site diary where they record their daily site report, which includes checks on scaffolds, excavations, plant etc and general safety issues for site.

The Construction Manager and his assistant(s) are responsible for the co-ordination of all matters arising to the application for permits and licences as may be required to be issued by statutory and local authorities with respect to health, safety, environmental and waste disposal matters. The construction manager is also responsible for ensuring all operatives are inducted onto site and all contractors provided risk assessment and method statements prior to the works commencing, which will be subject to pre-approval.

4. The **Safety Consultants** who are Rawlings Safety & Training Consultancy Services Ltd (RCS) will work with Urban Splash Construct (USC) to develop the Construction Phase Health and Safety Plan, incorporating risk control procedures for site wide application.

They will provide health and safety advice to the Site Project Team to enable them to discharge their legal and contractual obligations. In addition to this the advisors will carry out on-site inspections of all activities to monitor site safety performance and compliance with legal and contractual obligations.

5. The **Fire Marshals** on the site will be appointed and a **Construction Phase Fire Plan** developed following completion of a site-specific **Construction Phase Fire Risk Assessment**. (In the initial contract period the Chief Fire Marshall will be Craig Williamson)

RESPONSIBILITY OF ALL PERSONNEL INCLUDING SUB-CONTRACTORS

All employed persons are responsible for the following: -

1. To take reasonable care of their health and safety.
2. To co-operate with and assist Urban Splash Construct or their agents so far as is necessary to enable this Health and Safety Plan to be successfully implemented and to enable the duties placed upon Urban Splash Construct by relevant legislation to be discharged effectively.
3. To comply with site safety rules and procedures. In addition to fully comply with all agreed procedures defined in the pre-contract start up meeting and to provide safety documentation in accordance with Urban Splash Construct requirements.
4. To correctly use the protective equipment provided.

5. To report all Health and Safety concerns to a responsible supervisor and as appropriate to the Project or Site Manager or the Health and Safety Consultants.
6. Not to interfere with anything provided in the interests of health, safety, and welfare.

These responsibilities apply to all sub-contractors and must be read in conjunction with section 2 of this developed health and safety plan, which defines the **site rules**, which must be followed at all times and are further supplemented by the site-specific induction procedures. Specific duties related to the safe execution of works carried out by sub-contractors will be defined throughout this plan.

All sub-contractors will be required to attend a pre-contract meeting and then all operatives will attend site Inductions.

AREAS OF RESPONSIBILITY FOR SITE SAFETY MANAGEMENT

DESCRIPTION	OVERALL RESPONSIBILITY	DELEGATED TO	FREQUENCY
1. Fire Safety Co-ordinator – Fire Plans, Updates, Practices, Training & Monitoring.	Ashley Terron	Craig Williamson	As required during development of project – monitored weekly.
2. Emergency Procedures – Rescue (from height, confined space etc), Emergency Service Access.	Ashley Terron	Craig Williamson	Emergency procedures are outlined for site with respect to evacuation. Further work specific emergency procedures will be considered by relevant sub-contractors as part of establishing their safe system of work, this will be essential for working at height.
3. First Aid – Treatment, Advice & control of resources.	Ashley Terron	Craig Williamson First Aider	All sub-contractors to be advised of first aid provision at induction.
4. Accident Reporting and Investigation. There are existing accidents reporting procedures for site.	Ashley Terron	Craig Williamson	All sub-contractors will be advised of accident reporting procedures, including RIDDOR at induction. (See section 11)
5. Induction	Ashley Terron	Craig Williamson	All personnel on initial start on site and re-inducted as work develops.

6.Statutory Inspections and Records: (Also see appendix 4) Working Platforms/Scaffolding Support Systems Access/equipment, including mobile elevated working platforms and mobile tower scaffolds will all be assembled, used, and dismantled by trained and competent persons in accordance with the Work at Height Regulations and associated HSE Guidance. Ladders/stepladders are permitted on site, only when a risk assessment has been produced and confirmed that they are the most suitable equipment for the task.	Ashley Terron	Craig Williamson	All statutory inspections will be undertaken by competent persons and were appropriate by the specialist sub-contractor. Daily visual inspections with weekly / after adaptation following event likely to affect stability. Weekly inspections will be undertaken by the specialist sub-contractor and 12 monthly as required by statute. All work equipment brought onto site must be fit for purpose and have been inspected and tested as per the manufacturer's guidelines and in accordance with PUWER. Sub-contractors will be expected to undertake weekly inspections of plant and work equipment and provide these to Urban Splash Construct.
Lifting Equipment, including crane/hoist	Ashley Terron	Craig Williamson / Specialist SubContractor	Weekly / 6 or 12 monthly as required by statute.
Work Equipment	Ashley Terron	Craig Williamson Urban Splash Construct /SubContractors	Weekly Pre use inspections and routine planned maintenance inspections in accordance with manufacturers guidelines
Electrical Equipment 110V Portable and handheld tools, extension leads, site lighting, moveable wiring systems and associated switchgear. 110V Portable and handheld tools, extension leads and portable floodlighting (110 V mains supply through 24 MA RCD) RCD's portable RCD's fixed	Ashley Terron	Craig Williamson /Sub-Contractor Site Manager/ Sub-contractor	Three Month temporary supply 12-month internal office equipment/3-month portable appliances Combined inspection and test before 1st use on site and then 3-monthly. Combined inspection and test before 1st use on site and then 3 monthly. Combined inspection and test before 1st use on site and then monthly.

7. Permits to Work: • Hot Works • Excavation • Out of hours • General Works • Confined Space • Stepladder/Ladder • Roof Works • Crane	Ashley Terron	Craig Williamson/ Subcontractor	As Required Permit to works will be issued by Urban Splash Construct as agreed with the relevant subcontractor.
8. COSHH Co-ordinator A COSHH file will be held on site	Ashley Terron	Craig Williamson / Sub-Contractor	COSHH assessments will be required for all substances used on site with hazards to health.
9. Noise and Vibration – Assessment, Control & Monitoring Where vibrating equipment is used by sub-contractors this must be covered within their risk assessment process and if the daily exposure action value is exceeded then measures must be in place, which clearly demonstrates that steps have been taken to reduce the risk. Information and training must be provided to operatives and were appropriate health surveillance.	Ashley Terron	Craig Williamson Controlled by Urban Splash Construct, done by subcontractor	As required - for all hand tools or processes used on site with hazard to operatives. Daily user monitoring checks to be done when appropriate
10. Health and Safety Monitoring Inspections	Ashley Terron	Craig Williamson / Site Management Team supported by monthly independent inspections from RCS.	One inspection of all site aspects required every week. Regular inspection from visiting staff monthly Sub-contractors may also be required to undertake their own site inspections and provide reports to Urban Splash.
11. Welfare facilities	Ashley Terron	Craig Williamson	Daily visual inspection
12. CORONAVIRUS NOTE: RCS has produced specific guidance, policies, and procedures to be followed on site	Ashley Terron	Craig Williamson / ALL ON SITE.	Constant vigilance and adherence to guidelines

13. Health and Safety File – Passage of Information to Principal Designer NB. this will required be in <u>electronic format only.</u>	Principal Contractor/ Principal Designer	Urban Splash / RCS	As soon as practicable after completion of package by each sub-contractor.
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3.02 Site Access, Including Traffic Management

Vehicle access to the site is only available at the new site entrance, which will be located on Lockyard Lane. The preferred vehicle route is via Weybridge Road, which in turn is accessed from Old Mill Street and from the Inner Ring Road (Great Ancoats Street). The surrounding area is a network of relatively narrow roads and bridges over canal and/or railway, all as show on the Traffic Management Plan, which forms part of this Construction Phase Plan.

“Modular Movements Ltd.” undertook a detailed logistical analysis of the route and the swept path analysis, which would be required for the very large vehicles, which are required to deliver the modular house units to site. That analysis concluded that it would be extremely difficult to get these deliveries onto the actual site via Lockyard Lane and therefore the TMP identifies a route, which is described in greater detail later in this document. This report will be referenced in the Traffic Management Plan and shared with all delivery drivers.

The Traffic Management Plan, which has been drawn up by USC, indicates one entry point, at Lockyard Lane, and vehicle gates are provided for site security.

Pedestrian access onto site will be located adjacent to the vehicle site entrance and a designated pedestrian access route will direct people to the site offices and welfare facilities. **Refer to site layout plan and T.M.P.**

Site entrances will be signed in accordance with their purpose.

Contractors will be responsible for advising their supply chain of the site entrance designations in advance of deliveries so that correct route is used.

Delivery vehicles will be required to drive onto and off site. There will be no reversing of delivery vehicles onto or off site.

Either gates or roll barriers will be provided at the site entrances and these are to remain closed at all times except during deliveries. The gates or roll barriers must be closed after entry or egress from site. A new gate will be provided (adjacent) for pedestrian access only. A copy of the TMP will be attached to this document.

During the construction works, it is essential to maintain clear vehicle access to both Lockyard Lane and Coppersmith Road, the latter being subject to a one-way traffic system.

The Phase 3C site is a rectangular shaped area of land, bounded by existing housing to the North (Coppersmith Road), recently completed New Islington Phase 3A to the East, The Phase New Islington Phase 3B site to the south (site compound) and existing housing to the West on Lockyard Lane. The nearest postcode is M4 6JN and a site location plan is included in Tender documentation.

This site was historically used for industrial purposes, including cotton mills, which have all been demolished. The site is currently 'made ground' with several large excavations, where archaeological investigations have recently been undertaken. These excavations are to be backfilled by LK Remediate, as part of an Enabling Works contract, which was undertaken prior to USC taking site possession. (Subject to confirmation by LK Remediate)

The site has been cleared of existing buildings and fully remediated. (Subject to confirmation by LK Remediate). However, there remains a risk of encountering relic structures.

Vehicles will access the construction site by the designated point only and there will be no reversing allowed onto Lockyard Lane/Coppersmith Road. The site will be set up to allow vehicles to enter the site, unload and then maneuver to leave the site in a forward direction.

All appropriate measures will need to be taken to ensure that no risk or disruption is caused (by the construction works) to local properties and businesses and these are defined below. Site management will ensure that there is no build-up of traffic entering/exiting this site, by coordinating all deliveries to site. Under no circumstances will a build-up of vehicles be allowed on the approach roads and if for any reason vehicular access cannot be afforded to the site, the driver will be instructed to leave and return at a suitable time.

The Traffic Management Plan (TMP), which has been produced, will be regularly reviewed. This Plan defines access and egress arrangements, segregation between pedestrians and vehicles, and parking arrangements. The Principal Contractor will be responsible for informing all operatives on site, under their control, of the key issues detailed within this TMP and the subsequent risk control measures, which affect their works and of the site access arrangements. In terms of ensuring deliveries to site, and vehicular site traffic generally, the proposed arrangement **must not** cause any restriction or risk to the public within the immediate vicinity of the site entrance/exit. All deliveries to site will be controlled and coordinated by a nominated person from within the Urban Splash Construct Site Team.

All deliveries to site will be treated independently in terms of establishing the required methods for unloading and storage, all loads where necessary will be

unloaded by mechanical means with the use of Banksmen and the load will be transferred onto site and stored appropriately. All staff using mechanical equipment will have relevant plant certificates.

All persons entering onto the construction site will be 'inducted' by the nominated person from Urban Splash Construct utilising the USC induction proves. All subcontractors will be advised of access/egress & parking arrangements at Induction.

At present there are few parking restrictions on surrounding roads, however, all these roads are currently used for 'on street' vehicle parking and this use may need to be 'controlled' once construction activities commence.

Due to extremely limited space available, parking on site will be strictly controlled and limited. This parking will only be for authorized cars/vans (staff/operatives) and this is anticipated to number about 10 vehicles maximum. Other operatives & visitors will have to make their own parking arrangements. Site operatives and visitors will be encouraged to use either public transport, or public car parks available in the area.

3.03 Strategy for delivering, offloading, and positioning modular units.

As previously stated, delivery of the modular buildings is via Lockyard Lane (following Modular Movements tracking analysis).

As previously stated, the site manager will strictly control site access, and all visitors will be expected to sign in/out. There is a reasonably high volume of vehicular activity around the site and Urban Splash Construct will take all practical measures to ensure that minimum disruption is caused to members of the public.

Vehicular traffic movement within the site will be strictly controlled by the site team and by the relevant sub-contractors. Safe controls will be considered and implemented in accordance with the requirements of specific risk assessments carried out. As a minimum all operatives on site will wear hi-visibility clothing, vehicular traffic movement will be co-ordinated to reduce the risk of impact from vehicles with pedestrians, structures and other vehicles, and all vehicular movement on site will be controlled by designated Banksmen. An initial site-specific risk assessment for mobile plant and machinery on site will be produced and this will be included within section 8 of this plan.

3.04 Site Security

The New Islington Phase 3A site is located east of Manchester City Centre, in the Ancoats area and near to the Marina. The nearest postcode is **M4 6JN** and a site location plan is included in the Tender documentation.

The site perimeter has been (or will be) made secure with hoardings and/or mesh fencing.

The site compound is located on the proposed New Islington Phase 3B footprint, to the South of, and adjacent to, the Phase 3C site.

Any changes to this layout, to facilitate construction will be communicated through agreed Traffic Management Plans.

The Traffic management Plan (TMP) developed by USC for Phase 3C, will take the above into account.

There will also be appropriate signage placed, advising of construction activities on going. At the end of each working day the site will be made as safe and secure as possible. Any plant or machinery, which must be left on site will be isolated and locked off so that unauthorised persons cannot access or start it.

All persons entering onto the site will be required to sign in/out. USC will provide 'out of hours' security on site at the appropriate time.

3.05 Welfare Facilities

The arrangements for **site welfare** accommodation will be 'container type' units, located on site near to the site boundary with Lockyard Lane. The accommodation will comprise a canteen/drying room, toilet block, and site office. The accommodation will be sufficient for commencement of works and will comply with the requirements of the Construction (Design and Management) Regulations 2015. This provision will be reviewed periodically.

There will also be the necessary cleaning agents and first aid facilities available on site and appropriate members of the Urban Splash Construct Site Team are first aid trained.

CONSTRUCTION PHASE PLAN

PART 4 – ARRANGEMENTS FOR CONTROLLING SIGNIFICANT PROJECT RISKS

**“New Islington Phase 3C”
Lockyard Lane
Manchester, M4 6JN**

COMMENCEMENT DATE

17th May 2021

4.00 Arrangements for Controlling Significant Project Risks

4.01 Overview of the critical risk areas highlighted.

Urban Splash Construct has produced this Construction Phase Health and Safety Plan in conjunction with its safety advisors, Rawlings Safety & Training Consultancy Services Ltd and has made specific reference to **SCHEDULE 3** Work involving particular risk.

Regulation 12(2)

1. *Work which puts workers at risk of burial under earthfalls, engulfment in swampland or falling from a height, where the risk is particularly aggravated by the nature of the work or processes used or by the environment at the place of work or site.*
2. *Work which puts workers at risk from chemical or biological substances constituting a particular danger to the safety or health of workers or involving a legal requirement for health monitoring.*
3. *Work with ionizing radiation requiring the designation of controlled or supervised areas under regulation 16 of the Ionising Radiations Regulations 1999.*
4. *Work near high voltage power lines.*
5. *Work exposing workers to the risk of drowning.*
6. *Work on wells, underground earthworks, and tunnels.*
7. *Work carried out by divers having a system of air supply.*
8. *Work carried out by workers in caissons with a compressed air atmosphere.*
9. *Work involving the use of explosives.*
10. *Work involving the assembly or dismantling of heavy prefabricated components.*

N.B. Assembling or Dismantling of Heavy Prefabricated Components.

USC and USM will work closely on this key risk item with all aspects being reviewed from factory production, delivery to site, installation methodology and handover and this will be reflected in Lifting Plans and RA&MS for crane operations and subsequent site connection works.

The developed health and safety plan defines the procedures, arrangements, and resources in place to safely manage the construction phase of the works at “New Islington Phase 3C” and it also details the risk management strategy, including residual risks on site and specific construction risks, which are known at this stage.

It is the intention of Urban Splash Construct to ensure that all works on this scheme are, as a minimum, covered by specific risk assessments and method statements and were necessary permits to work.

Urban Splash Construct is committed to acting as a safe conscientious and competent Principal Contractor throughout the project. We will take all reasonable steps to eliminate or at the very least minimise the risk of any accidents or incidents occurring and to ensure compliance with all relevant safety legislation.

All operatives of Urban Splash Construct who will be working on this project will be given a **Site Induction** prior to their work commencing, whereby all known risks applicable to their works are covered and the necessary controls are established. **(See Site Induction checklist). This has recently been revised to include specific advice relating to the Coronavirus (Covid 19) pandemic.**

Regular safety inspections will be carried out by the site team and by their safety advisors, Rawlings Safety & Training Consultancy Services. All operatives will be required to wear the appropriate Personal Protective Equipment (PPE) and each subcontractor's site foreman, as well as the Urban Splash site management team, will be responsible for ensuring that PPE is always worn.

Noise and any other nuisance associated with construction work will be kept to an absolute minimum. No contractors' vehicles will be parked off site or in areas, which would cause traffic congestion, any parking requirements will be adhered to, and the above requirements will be communicated to all operatives at Induction.

Residual Risks: access/egress, protection of the public, adjacent premises/tenants

Urban Splash Construct has taken account of premises, in the immediate vicinity, during the pre-planning stage of this project and will continue to do so throughout the works. It is the intention of Urban Splash Construct to ensure that minimum disruption is caused to nearby tenants/residents and members of the public.

Site-specific risk assessments and method statements will also be completed, which will further supplement controls already described within this plan.

Statutory Services and Temporary Supplies for Site

Arrangements will be made for temporary water and electrical supplies for site use. These will be maintained in accordance with the current electrical regulations, HSE guidance notes, and they will also comply with the requirements of the following paragraphs.

Site Power and Power Tools

All electrical supplies and equipment used will comply with HSE Guidance Note HS(G)

141, Electrical Safety on Construction Sites. Electrical services are CTE (Centre Tapped to Earth) and tested on a regular basis (weekly).

All portable power tools and temporary lighting is (110 volts maximum).

Specific Construction Hazards/Design Risks

USC has been issued with the Pre-Construction Information Plan (PCIP), which was prepared by RCS, as Principal Designer, (Issue 1: dated 30th April 2021)

Designer's Risk Assessments have been undertaken for this project and the risks identified therein, considered and DRAs are included as Appendices to PCIP.

Hazard risk register:

Hazard/work activity	Initial suggested risk control measure as advised at pre-construction stage	Further action required by Design Team and Principal Contractor	By whom
Deep excavations could encounter contaminated ground	The site is typically characterized by a general level of background contamination of the ground together with the potential for discovering ASCs. Refer to LKC's Phase 2 Report.	Normal precautions when working on 'brownfield sites' plus RAMS required for ASC removal & reinstatement.	Principal Contractor and sub-contractor.
Deep excavation could encounter relic structures.	LK to undertake some remediation work but there remains a risk, which should be mitigated by further non-intrusive site investigations.	Review existing information and ensure this is adequate to mitigate risk. Appoint specialist subcontractors and ensure they provide RA&MS	Principal Contractor and sub-contractor.
Damage to existing services (on the site and/or within footpaths) during ground works. See also Section 2.2 of this preconstruction risk coordination plan.	Refer to existing utility survey drawings	Contact STATS to advise and then use of CAT scans to exactly locate services.	Principal Contractor and sub-contractor.
Installation of drainage and foundations involves deep excavations for manholes / bases and attenuation tanks etc., with the associated risk of collapse of the sides of excavations, particularly in the upper ground conditions (loose made ground etc.) established on site	The design generally sets out to reduce the impact of deep excavations wherever possible, for example through the specification of piled foundations and minimizing the depth of drainage runs in nontrafficked areas. Though deep excavations are unavoidable.	Review existing information and ensure this is adequate to mitigate risk. The specification requires the Contractor to provide a risk assessment & method statement outlining steps to ensure the safety of operatives and machinery.	Designer/Principal Contractor and subcontractor.
Temporary stability and Temporary works	The Contractor is responsible for maintaining the stability of any structures, roadways, or footpaths within or adjacent to the site at all stages of construction.	The Contractor has responsibility for the design, installation, maintenance, and programming of all necessary temporary works including the provision of method statements, drawings and calculations, and sequencing to the CA.	Principal Contractor and sub-contractor
Below ground services	Conduct further surveys to determine existing services by means of electromagnetic (CAT) techniques, trial pits or slit trenches. Mark and protect services as necessary to ensure safe work in the area. Keep record of any nondocumented plant found. Use safe digging practices.	Review existing information and ensure this is adequate to mitigate risk. Appoint specialist subcontractors and ensure they provide RA&MS.	Designer/Principal Contractor and subcontractor
Erection of hoardings and site perimeter fencing (Security)	Pre-construction Risk Coordination plan identifies potential risks. These must be addressed in the Construction Phase plan.	Traffic Management plan to be developed to mitigate/remove risk to the Public.	Principal Contractor

Manual handling of materials/equipment and installation of new equipment. Including cladding systems. Prefabricated construction reduces this risk to some degree	Design team to consider, size and weight of materials and specify lighter materials where practical. Consideration to be given to materials transfer to upper floors, which will reduce manual handling. Materials to be cut into manageable sizes suitable for installation using MEWPs.	Principal Contractor to liaise with design team and establish safe system. Sub-contractors to provide risk assessments and method statements	Designer (USM) Principal Contractor and sub-contractors.
Construction/dismantling works	Risk assessments and method statements are to be undertaken, to identify any specific risks and a planned programme of construction works agreed before commencement of said works.	Review existing information and ensure this is adequate to mitigate risk. Appoint specialist subcontractors and ensure they provide RA&MS	Principal Contractor
Asbestos Containing Materials (ACMs)	LKC's Phase 2 report identifies a moderate risk of encountering ACMs.	RAMS required for site precautions to be applied.	Principal Contractor
Interface with existing services.	Reference to be made to utility service drawings available. Liaison to occur with statutory service providers for any diversions or new connections	Sub-contractors to provide risk assessments and method statements.	M&E designer Principal Contractor & Sub Contractors
Installation of new mechanical and electrical services	M&E services are installed in the factory so need to consider safe working and access requirements for future inspection testing and maintenance.	Works to be undertaken by competent NICEIC (electrical) contractors. Full O&M Manuals to be provided.	M&E designer Principal Contractor & Sub Contractors
Slip/trip hazards from materials/Waste disposal etc	A site waste management strategy should be produced by the Principal Contractor.	Principal Contractor to consider how they will manage the site to ensure that it is kept in good order, including the proposals for waste disposal. Environmental considerations' to be made for waste reduction, recycling, and disposal.	Principal Contractor & Sub Contractors
Interface with non-construction personnel (particularly if phased handover is considered and some houses are occupied?).	The works must be segregated as much as is reasonably practical and kept separate from adjacent land uses. Physical segregation of the works to be provided by use of hoardings/Heras type fencing. Under no circumstances will any nonconstruction personnel come into direct contact with construction activities. Given the proximity to occupied homes (in physical terms) and the potential overall (in construction program terms) disruption must be mitigated during the construction of this block to residents and the General public.	Close liaison with affected occupiers within the immediate vicinity of the site. The works will be undertaken so as to cause minimal impact. Site to be registered with the Considerate Contractors scheme. Proposed hoarding lines, delivery and access routes, servicing zones around the building, etc. all need consideration. An initial Site Management Plan is required, which outlines the impact on the surrounding environment.	Principal Contractor
Fire	Consideration to be given to mitigating any fire risk during the construction, including consideration of "Off Site Fire Risk Assessment". Fire strategy to be developed for end users of the scheme.	Construction Phase Fire Risk Assessment and then Fire Plan to be produced prior to commencement of works on site.	Design Team, Principal Contractor, and sub-contractors.
Vehicle and plant movement on site.	The traffic management plan must be included within the Construction Phase Plan and this must define site access and egress routes, including the arrangements for the delivery of materials, unloading, storage and transportation on site. The traffic management plan must also establish what potential impact there may be on existing traffic systems and the measures are in place to reduce such impact where practical.	Traffic management arrangements to be clear (including to non-site personnel) and be communicated to all relevant persons. A specific traffic management plan should be written for the delivery of the large, prefabricated units, taking into consideration the surrounding land uses and any restrictions that may be present.	Principal Contractor Sub-Contractor

Design of any temporary structural scaffold which may be required.	Use of prefabricated system removes need for scaffold during construction but refer to the structural engineers' DRA to determine if any temporary supporting scaffold or propping is required.	Consider appointment of a Temporary Works Coordinator to review design	Scaffold designer, Principal Contractor, and contractor
Assembly, use and dismantling of scaffold (generally)	Unless a scaffold is a basic configuration described in recognised guidance e.g. NASC Technical Guidance TG20 for tube and fitting scaffolds or manufacturers' guidance for system scaffolds, designed by calculation, by a competent person, to ensure it will have adequate strength and stability. All scaffolding should be erected, dismantled, and altered in accordance with either NASC guidance document SG4:10 for tube and fitting scaffolds or the manufacturers' erection guide for system scaffolds.	Scaffold design to be procured followed by scaffolding plan outlining safe for assembly. Handover certificate must be issued, and the scaffold should be subject to an inspection regime by a competent person	Scaffold designer, Principal Contractor, and contractor.
Large, prefabricated units will be used, which will require crane handling.	Designer to consider handling and jointing details to minimise on site work. Refer to USM's risk assessment regarding this.	Use specialist crane hire with Appointed Person producing Lifting Plan	Designer/ Principal Contractor and USM
Completion of cladding to gable ends & elsewhere.	Reference to be made to design information, drawings, specification, and risk assessments provided. Working at height to be properly, planned, managed, and organised, with hierarchy of risk control followed as defined in Work at Height Regs, i.e., preference for collective fall protection measures to be made before personal fall protection measures.	Specialist contractor to be appointed. Erection sequence to follow safe system of work agreed with design team	Principal Contractor & sub-contractors
M & E installations on roof or at high level	As above	As above	Principal Contractor & sub-contractors
Working adjacent water	RAMS required which address this risk and include "rescue scenario".	Provision of warning signs and lifebuoy?	Principal Contractor
Cladding and balcony installation	Consideration to be given to the size and weight of units and installation process. USM to install balconies in the factory rather than on site.	Clarification to be obtained from end user on any specific requirements for units	Designer, Principal Contractor and subcontractor.
Welfare provisions	Welfare provisions must be in accordance with schedule 2 of the CDM 2015 Regulations.	The Principal Contractor to confirm within the construction phase plan of arrangements made.	Principal Contractor.
Assembly, use and dismantling of crane(s) Including use of mobile cranes during Construction Phase. Lifting operations must always be carefully planned and appropriately supervised.	Cranes must be driven/controlled by competent people who have the necessary training and experience. Companies should draw up written procedures for each type of crane and these procedures should be based on the manufacturer's instructions. These procedures should be available on site and those involved in the work be familiar with them; A thorough examination of the mobile crane is undertaken by a competent person who is sufficiently independent and impartial and is not involved in the erection process;	Pre-use checks should be carried out by the crane operator at the start of each shift to ensure that the crane has not suffered any damage or failure and is safe to be used. In-service inspections will be carried out by the crane operator, generally at weekly intervals, and records kept of these inspections. A carefully planned maintenance system is established and used. Competent people should undertake this maintenance at intervals specified by the manufacturer and records kept of the work completed.	Principal Contractor and sub-contractor

Future cleaning and maintenance.	Designer to provide an overview document which will give an outline of the design proposals made for each cyclical cleaning requirement, i.e., window cleaning and replacement of large pane/unit elements. Also, the arrangements for waste management and any landscaping maintenance requirements are to be agreed.	Design team to ensure risks are reduced as low as practical, particularly with respect to working at height, with WAH being avoided if possible, and if not, the hierarchy of risk control being adopted as previously described. Input to be provided by specialist contractor.	Design team, CDM Coordinator, Principal Contractor, and contractor
External meter cabinets	SHED KM has identified potential risk due to services being made live before houses are installed.	Protect meter housing units from impact or other damage during installation of modules.	Principal Contractor and sub-contractors.
Occupation health exposure, noise, dust, hand/arm vibration etc	Designers to consider ways to eliminate or reduce occupational health risks at the design stage. Principal Contractor to engage with contractors at pre-start to ensure that they are considering and managing occupational health risks. Identify occupational health risks and produce the relevant risk assessment	Consider relevant health surveillance both pre-employment and during works. Provide information, instruction, and supervision, and promote occupational health issues, i.e., signage, awareness days, literature. Consider mechanisms of monitoring health surveillance systems and procedures.	Designers, Principal Contractor, and subcontractors.
CORONAVIRUS (Covid 19)	All operatives and visitors must continue to observe the restrictions and advice given by HM Government.	USC and all its sub-contractors must ensure that HM Government restrictions and advice are observed.	Everybody who attends site.

Urban Splash Construct will ensure that the hazards identified above, and the suggested risk control measures which have been suggested, will be implemented, or revised as appropriate throughout the works, i.e., when further design information is available and/or when works develop on site.

Design Risk Assessments will be incorporated into this Construction Phase Plan as and when provided and they will be issued also to relevant sub-contractors to ensure that the risk assessments and method statements provided reflect the design controls recommended.

There will be on going design coordination throughout this project and full consultation will occur with the respective design consultant to ensure safe systems of works are in place.

Mechanical and Electrical Services

TACE is the Client's appointed M&E Consultant, and together with Service Connections, they will co-ordinate the external supplies. However, USM is responsible for the design and installation of all internal M & E services (electric, water, telephone/cable). All internal plumbing/drainage, fixtures and fittings are also USM's responsibility.

TACE has provided initial mechanical and electrical design risk assessments, however, Urban Splash Construct will liaise with the design team regarding the

provision of new services, plant, and equipment particularly regarding future access for inspection, testing and maintenance.

Management of Construction Risks

For all works being undertaken on site, including residual risks, the measures detailed throughout this plan and the controls determined by the risk assessments included within appendix section of this plan will reduce the risks to an acceptable level.

All sub-contractors appointed will be required to provide site-specific risk assessments and method statements (RAMS) for their works.

PLANT AND EQUIPMENT Competent person

A competent person must undertake any inspections and examinations of plant, lifting equipment, access equipment, electrical equipment, or accessories, etc. They must have the practical and theoretical knowledge, together with actual experience, of what they are to examine to enable them to detect errors, defects, faults, or weaknesses as part of any examination or inspection system; and to assess the importance of any such discovery.

Inspection/test and maintenance

There must be a regime of daily, weekly and 6 monthly inspection, test, and maintenance in place in accordance with the manufacturers or installers/erectors guidelines and current legislation.

Training

Urban Splash will insist on suitable trained personnel to be employed in these key roles and will request copies of their training records and qualification's and there will be regular coordination meetings between the respective parties. All records of meetings will be kept on file with any actions being discharged.

Dust and emission control.

Dust is created **externally**, on the site, during most stages of construction and will be managed throughout the construction phase. Measures will be taken to minimise and control dust on site through industry standard measures, i.e. dampening down, use of dust extraction attachments etc.

Sheeting of lorries will be undertaken for appropriate loads, in particular all excavated (spoil) material.

Internal works – the potential for creating dust is very small, due to the fact that the modular houses are effectively factory finished.

Generally good housekeeping will be employed to reduce the amount of dust created. The Principal Contractor in conjunction with its sub-contractors will ensure dust generated from site activities does not become a risk to others and in doing so shall assess the dust risk for each work package, ensure adequate controls are in place and review these controls with their contractors.

Measures will be taken to eliminate, or at least minimize, dust generation with consideration given to material usage, type of work equipment used, and work methods applied. Where dust creation is unavoidable, dampening down techniques will be applied.

Because there will be minimal excavation work and this will all be contained within the site, it is likely that there will be no requirement for “dedicated” wheel washing facilities however, if necessary, wheels will be cleaned before accessing the Public Highway. Also, should any excavated materials be deposited on the highway, these will be removed by means of a road sweeper machine.

Noise and vibration (including piling)

As part of the pre-planning process of work activities, those works, which may bring about excessive or high levels of noise will be pre-assessed, including the impact upon construction operatives and residents/neighbours in (although effectively there are no close neighbours at present).

In brief, USC will limit so far as is practicable high noise operations and, where this is unavoidable, measures will be taken such as the selection of plant and equipment or work processes, which does not emit high noise levels or equipment, which is fitted with silencing/anti-vibration equipment.

With the exception of piling, it is predicted that the “New Islington Phase 3C” development will have a **negligible** impact with no exceedance of the short-term 1hour NO2 and 24 hour PM10 air quality.

Noise will be kept to acceptable levels by good working practice e.g.

- Well silenced and maintained plant and machinery.
- Not leaving engines running when not in use. • Minimizing use of percussive plant
- Use of hoardings and screens.
- Not allowing vehicles to track mud onto adjacent roads.
- Limiting duration of noisy operations as well as prior communication.
- Timing noisy works to least sensitive times of the day.

In addition to the above actions, noisy equipment will be sited as far away as possible, from any occupied premises and turned off when not in use. Noise paths will be restricted by the placement of enclosures/barriers where practical.

Noise and vibration (including piling) cont'd.

The above measures will be considered as part of the assessment process. This will identify noise hazards, estimate likely exposure to noise by construction operatives and other persons likely to be affected, identify measures required to eliminate or reduce noise exposure, and make persons likely to be affected by noise aware of the risks and controls which are being taken.

Managing Lifting Operations

Mobile crane operations will be a key factor and risk on this project and USC will work closely with USM to ensure that the requirements for lifting operations, and lifting equipment regulations are always adhered to, particularly around the planning, management and undertaking of lifting operations.

An appointed person will plan all lifting operations and ensure the suitability of all aspects including ground conditions, environmental conditions, and equipment. Lifting plans and RA&MS will be produced to reflect these and will be followed on site under the jurisdiction of the nominated 'appointed person or crane supervisor.

Only trained and competent personnel will be allowed to be involved in the lifting operations with evidence held on file. All inspection, testing and maintenance records will be obtained and held on file.

Specific Construction Hazards/Design Risks

USC has been issued with the Pre-Construction Information Plan (PCIP), which was prepared by RCS, as Principal Designer, (Issue 1: dated 30th April 2021)

Designer's Risk Registers have been provided as below. These will all be included in the CDM PCIP that is included in sub-contractor tender packages and will be followed up directly with relevant appointed sub-contractors.

- Shed KM (Architectural)
- Joule (Civil and Structural)
- TACE (Mechanical and Electrical)
- Urban Splash Modular (Modular Units)

Contractor Control – See Protocol for the Procurement and Management of SubContractors (Section 4)

All sub-contractors will be provided with all relevant information from the PreConstruction Risk Coordination Plan, and this developed Construction Phase Plan

i.e., design risk assessments, drawings, reports etc. Safety documentation, i.e., risk assessments and method statements will be obtained from all sub-contractors prior to them commencing work and will be incorporated within the construction phase health and safety plan.

All contractors will attend a pre-contract start up meeting prior to commencement to clarify their role and the safety requirements of Urban Splash Construct, as well as the agreed safe working practices for their works, these meetings will be attended by appropriate members of the design team.

Urban Splash Construct will ensure that there is an effective means of coordination between the design team and that contractors are provided with all necessary information.

Risk assessments/method statements provided by sub-contractors will be distributed to the Principal Designer and appropriate consultants for comment/approval.

Each sub-contractor will be responsible for ensuring that their own operatives are aware of the controls described within their method statements and this will be overseen by Urban Splash Construct via the pre-contract meeting/ induction process and through regular monitoring on site, including independent periodic monitoring by Rawlings Safety & Training Consultancy Services Ltd.

The sub-contractors risk assessment and method statement will be provided to all operatives on site and will be distributed at induction or via toolbox talks.

Future Development of Construction Phase Health and Safety Plan

There will be (are) monthly Client/Design team meetings as well as any further meetings as deemed appropriate by the Client, Principal Contractor, Principal Designer or Designers.

As stated previously this Construction Phase Health and Safety Plan will be continuously reviewed and developed to reflect the works being undertaken.

4.02 Storage Areas on Site

Storage of any materials will be either on site or held within the agreed locations (shown on the TMP). The site accommodation and parking are located close to the site entrance, to minimise vehicular traffic into the site.

The site and the surrounding area will be always kept as clean and tidy as possible, any flammable or hazardous materials stored will be done strictly within the suppliers' requirements.

4.03 Control of Site Traffic

See Traffic Management Plan (TPM). This will be regularly reviewed throughout the duration of the project, particularly as the scheme develops.

4.04 Specific Requirements of the Client

Urban Splash Construct understands the importance of Health and Safety to the Client and will adhere fully to any specific site safety rules, procedures, permits to work etc. as well as those requirements described within the pre-construction health and safety plan. The works in and around the site will be suitably segregated and they will be executed to cause no undue risk or disruption to any persons who may be affected by the works.

All works undertaken will be done so in accordance with the Health and Safety at Work etc. Act, the Construction (Design and Management) Regulations 2015, The Construction, (Health, Safety and Welfare) Regulations, the Management of Health and Safety at Work Regulations and all other relevant regulations/statutory legislation.

4.05 Details of any Specific Safety Systems of Work/Permit to Work Systems

All Permit(s) to Work will be controlled by the Construction Manager and contained within this Construction Phase Plan. Any works requiring 'Permit to Work' or 'Hot Works Permit' will be suitably controlled by the Construction Manager of Urban Splash Construct and included within this plan.

4.06 Arrangements for Communication and Coordination

There will be regular **monthly** meetings on site with the Design Team and Client. In addition, there will also be **weekly** sub-contractor meetings and **daily** (informal) meetings will occur with the various sub-contractors as required.

All works package contractors are required to attend the Pre-contract Meeting(s).

Contact Details on site:

Craig Williamson (07741 162169).

4.07 COSHH

COSHH assessments will be obtained from all parties involved in the use of hazardous substances and details held within site-specific file(s).

4.08 Site Management Structure

The following defines the site management structure for the Construction Works at “New Islington Phase 3A”, identifying the individuals responsible for ensuring compliance to safety standards.

Ian Bull	Associate Director
Ashley Terron	Operations Manager
Lee Taylor	Contracts Manager
Craig Williamson	Site Manager
Daniel Forkin	Assistant Site Manager

Site Safety Advisors: Rawlings Safety & Training Consultancy Services Ltd

RCS Office: 0151 480 8968

Kevin Colleran CMIOSH., MIIRSM., CMAP's.	Mobile 07876 634618
Phil Hughes MIOSH., MICWCI. Principal CDM Consultant	Mobile 07899 924438

Other details to be added when available.

4.09 Site Rules and Inductions

These rules apply to the works to be carried out on “New Islington Phase 3A” and shall be always adhered to. These rules supplement the Site Induction procedures, with confirmation of compliance recorded. All site operatives shall ensure so far, as is reasonably practicable minimum disruption to employees any other persons at all times. (See also Covid 19 precautions)

- All contractors will report to the site security/entrance and complete the site attendance procedures.
- All employees of Urban Splash Construct and any other contractors will observe the site rules, including the use of any necessary personal protective equipment, **as a minimum** hard hats, boots, and high visibility jackets will be worn. Further PPE, e.g., lanyards and harnesses will be worn when necessary, as defined within the risk assessment and method statement.
- All employees of Urban Splash Construct and any other contractors will ensure that appropriate standards of housekeeping are maintained and will keep their respective work areas in a tidy condition.
- All site operatives will use plant and equipment in the correct manner, ensuring that they are trained in its use and that equipment is maintained in good condition. Certification evidence of plant operators is held by Urban Splash Construct, incl. Abrasive Wheels.
- All site operatives will use the site welfare facilities and ensure that they are kept in a reasonable condition.

- Urban Splash Construct will ensure the safety of its employees and of contractor's employees, the public, and any other persons affected by their works, at all times.
- Site working times will be agreed between the principal contractor and sub-contractor taking account of local authority guidelines and restrictions.
- All site operatives will always comply with the instructions of the Site Construction Manager and will report hazards and accidents, as they become apparent.
- All employees of Urban Splash Construct are fully trained, and competent, and only fully trained and competent site operatives may use site equipment.
- Employees of Urban Splash Construct any other contractors' operatives shall not interfere with any equipment unless authorised to do so, for example, scaffolding and electrical services.
- All employees of Urban Splash Construct and any other contractor's operatives will always comply with safe working procedures and methods of work as defined in Section 15 of this Construction Phase Health and Safety Plan.
- There will be no radios on site (except in the site mess facility).

House by Urban Splash have invested in online software to improve site Signing-in and Induction processes. This will see individuals being required to scan a QR code upon arrival at our Sites which will then allow you to 'Sign-in' and 'Sign-out' at the end of each shift. A separate QR code will be on display in site offices for those individuals who are visiting site for the first time and so require an induction, or those who are requiring their 6-month induction refresher, which is mandatory on our sites. This will be a seamless transition across to using this software, which will be rolled out onto our sites in the next few weeks.

4.10 Fire Procedures

The location for the fire assembly point has been established and this is located near the entrance of this site.

As the works develop the arrangements for fire safety will be reviewed and the **Off-Site Fire Risk Assessment**, **Construction Phase Fire Risk Assessment**, and **Construction Phase Fire Plan** must be reviewed on a regular basis and immediately following any Fire/Emergency incident.

The arrangements for fire evacuation, including muster points etc. will be advised to all operatives at Induction.

Any Hot Works undertaken, will be done under a Permit to Work system, which will be adhered to at all times by Urban Splash Construct and its subcontractors.

These fire procedures are issued to all employees of Urban Splash Construct, and any sub-contractor operatives with the site safety rules and form a part of the site induction. The fire procedures apply to all personnel on site and should be followed accordingly throughout the duration of this project.

(See separate **Off-Site Fire Risk Assessment**, **Construction Phase Fire Risk Assessment**, and **Fire Plan**, for further details).

4.11 Contractor Control

Urban Splash Construct employs an extensive contractor control system, which ensures only competent contractors are employed.

This contractor control consists of the following:

- a) Site induction of all sub-contractors including site rules, general method statements, issue of relevant aspects of the health and safety plan and any other necessary safety requirements.
- b) Risk Assessment and Method statements of work obtained, as necessary.
- c) Continuous monitoring on site of contractor activity carried out by Urban Splash Construct with site improvement notices issued, as necessary.
- d) All sub-contractors are required to book in and out via the site security register.
- e) Method statements will be obtained prior to commencement of works by the sub-contractor. Additionally, the Principal Designer will be notified prior to the sub-contractor's attendance on site.

Smoking on site will only be allowed in designated areas within the site compound area. **Smoking is not permitted on the site itself.**

All sub-contractors will be required to attend a Pre-Contract Meeting where all the necessary safety arrangements and procedures for the site will be explained and appropriate information obtained, i.e., method statements, additionally, the requirements for the provision of information for the Health and Safety File will be explained.

USC support and enforce the CSCS scheme <https://www.cscs.uk.com/about/> as of 1st July 2021, which requires all those working on House by Urban Splash construction sites to have a CSCS card that is appropriate to the position/occupation they hold, which then demonstrates an individual's

competency whilst having the adequate skills, knowledge and training to enable them to carry out their works safely.

USC require all sub-contractors as of the 1st June 2021 to be registered with the CHAS accreditation scheme but will on occasions take a local decision to apply their own internal pre-qualification questionnaire process.

Reference should be made to separate files for full details of contractor's risk assessments, method statements, competence evidence etc.

4.12 Risk Assessment and Method Statement Record (Page 44)

See separate risk assessment and method statement register. USC ensure risk assessment and method statements are obtained from all sub-contractors prior to commencement of work. Additionally, other parties who may be affected by the construction activity are provided with copies and briefed at a site meeting, a record of distribution is also held.

R.A.M.S. No.	Provided By	Detail of RA&MS	Date Received and Distribution Confirmation

4.13 Training Certification and Toolbox Talks

Toolbox Talks

H&S information will be given to employees, direct and subcontract, at induction and through toolbox talks. The subject of toolbox talks will be chosen to suit current site activities but may also include project specific incidents, accidents, and environmental issues. Each sub-contractor will be responsible for completion of their own toolbox talks.

Those sub-contractors conducting their own internal Toolbox Talks are required to maintain and supply copies of records showing TBT communications completed.

Competence and Training Records

All personnel must possess the appropriate skills, knowledge, experience, and training to enable them to carry out the task without risks to their health and safety, the environment or others who may be affected by their operation[s]. USC will require evidence of valid personnel qualifications to be provided at the induction process before personnel can start work.

Those persons that do not meet the minimum standards will not be allowed to work on site or complete tasks or operations that they are not deemed qualified. Managers and supervisors employed in the completion of construction activities on-site will have completed suitable construction management and supervisory training. The minimum standard or equivalent level of this training for managers is the completion of the 5day **'Site Managers Safety Training Scheme' [SMSTS]**. For Supervisors, the 2-day **'Site Supervisors Safety Training Scheme [SSSTS]**.

For site operatives, competence can be demonstrated as a minimum by possession of the appropriate CSCS, CISRS, CPCS card or industry recognised equivalent. For mobile plant operators, a CPCS card relevant to the item of plant they are operating must be held. Where there is no appropriate CSCS or CPCS card, qualifications must be demonstrated by an industry recognised equivalent or some other reasonable means e.g., in-house training. The assessment of adequacy of this training will be at the discretion of USC.

A record of a USC operative's competence will be recorded on the Project Competency Matrix held by USC. This matrix will be continuously updated with new inductees starting on the Project and will be reviewed regularly by USC to ensure all operatives working onsite continue to maintain their qualifications.

Each sub-contractor appointed will be expected to provide their own project specific H&S training matrix, confirming competency requirements for their operatives.

Internal and External Training

To ensure that appropriate levels of competence are maintained on site and within the team, the Project team's competence will be cross referenced with the Project Roles and Responsibilities assigned to individuals. Any areas identified that require additional training or 'up skilling' will be addressed, and the appropriate training provided.

The training requirements of individuals will be communicated to each contractors training department a suitable training course and provider sourced internally or externally, as required.

Sub-contractors must carry out their own training and provide evidence of such training to USC before starting work.

USC employs only experienced, qualified employees. However, to ensure continued competence and that full information is provided to all employees, including subcontracted employees a site induction would be given prior to work commencing. In addition, this record gives details of any further training provided to employees in relation to this project. It should be noted that all sub-contracted employees are required to pass a pre-qualification competence check prior to carrying out any construction work on behalf of USC.

See also, separate Project Training Matrix.

4.14 Accident Reporting Procedure

There is an accident book on the site, all operatives are advised of the accident reporting procedures at induction.

The Site Project Manager will ensure that.

- a) Any accident or incident which falls under the requirements of RIDDOR will be investigated.
- b) The accident form F2508 is completed and forwarded to the HSE and head office when necessary.
- c) The accident book is kept up to date.

Reporting

All health, safety and environmental accidents, incidents, dangerous occurrences, near misses or third-party complaints must be reported to USC Project Management immediately.

In the event of a Reportable [RIDDOR] accident or incident, the Injured Person's Direct Employer is responsible for informing the appropriate enforcing authority, completing, and submitting Form F2508 [HSE form] to the HSE, with a copy supplied to Urban Splash Construct.

Investigation.

All Accidents and Incidents

All accidents and incidents will be investigated relative to the incident. This will establish roles and responsibilities, level of investigation required and will be used to determine both immediate and root causes, and the findings recorded to prevent recurrence.

Significant & Reportable Accidents and Incidents

The USC Project Manager will notify the USC H&S Advisor and the senior contracts manager and director immediately for any accident or incident that is or has the potential to be:

- ✦ reportable under Reporting of Injuries Diseases and Dangerous Occurrence Regulations [RIDDOR].
- ✦ a significant near miss.
- ✦ a significant complaint, communication or visit from the HSE or Local Authority EHO.

The causes of the incident, learning points and control measures identified through site investigation by the H&S Advisor and Project Manager, will be implemented and communicated across all Projects.

Emergency Response

All persons on-site are authorised to contact the emergency services in the event of an emergency.

HSE implications resulting from any such incident which affect the project or any adjacent land / premises, will be notified to the Client as soon as possible.

HOSPITALS – ACCIDENT AND EMERGENCY

The nearest Accident and Emergency Unit located to the site is approximately 1.7 miles from the site.

**Manchester Royal Infirmary
Oxford Road
Manchester
Greater Manchester, M13 9WL**

CONSTRUCTION PHASE PLAN

PART 5 – HEALTH AND SAFETY FILE

“New Islington Phase 3C”

Lockyard Lane

Manchester, M4 6JN

COMMENCEMENT DATE

17th May 2021

5.00 Health and Safety File

5.01 Health and Safety File Overview

The Health and Safety File is an information source and guide for the client and end users, providing an understanding of the building & its systems, and enabling it to be operated and maintained safely. It is a legal document, which is a specific requirement of the CDM regulations 2015.

The Health and Safety File is required to be formatted early in the project, initially this will be the CDM Pre-construction information pack, but will ultimately be information relating to the new construction works.

Arrangements for Information Transfer and Indicative Contents of the Health and Safety File

It is a statutory requirement under the CDM Regulations 2015 that The Principal Contractor shall provide and collate information relevant for inclusion into the Health and Safety File and to cooperate and liaise with the CDM support consultant in their role to ensure the Health and Safety File is effectively compiled and also that this file is transferred to the Client upon completion of their works (please note that the file should be available for validation no less than 2 weeks prior to Practical Completion).

APPENDICES

Appendix 1	CDM Pre-Construction Information (PCIP).
Appendix 2	Traffic Management Plan.
Appendix 3	Waste Management Plan.
Appendix 4	Open Reach Services.
Appendix 5	As Built LV Rev A.
Appendix 6	As Built LV Rev G.
Appendix 7	As built Water.