

Contractor: P McVey Building Systems	Name: Hannah Mulligan	Address: 3 Creagh Business Park Hillhead Road Toomebridge BT413UF	Tel: 07742433361	
			E-mail: hannah@pmcveybuildingsystems.com	
Project Name	R360 Whitefield Centre, Radcliffe			
Main Contractor/Client	Main Contractor P McVey Building Systems 3 Creagh Business Park Hillhead Road Toomebridge BT413UF		Client Walker Sime The Cornerhouse Fourth Avenue Trafford Park Manchester M17 1DB	
Description of the Task/Activity	Installation of modular buildings/Rainwater goods & Minor Joinery Works			
Site Address/Location:	13 Wittaker Street Radcliffe, England M26 2TD	Start Date/Time:	Mid April Approx	
		Finish Date/Time	12 weeks from commencement of works	
Personnel Involved	Name	Role/Trade		
	TBC	Site Manager		
	Shea Gallagher	Contracts Manager		
	Stephen Lynch	Designer		
	John McGirr	QS		
	Hannah Mulligan	HSEQ		
Site Supervisor:	TBC	Tel:		
Safety Officer	Hannah Mulligan	Tel:	07742433361	
Key Plant & Tools (Attach Certification)	Straight Ladder A Frame Ladder / Podium Ladder Mobile Crane Lifting Equipment Fixings Nuts/Bolts Sealing Materials Hand tools			
Key Materials				
Other Essential Equipment:	(i.e. access platforms/ladders, etc) Podium ladders MEWPs – Scissor lifts / Booms Mobile Towers			

Method Statement – R360

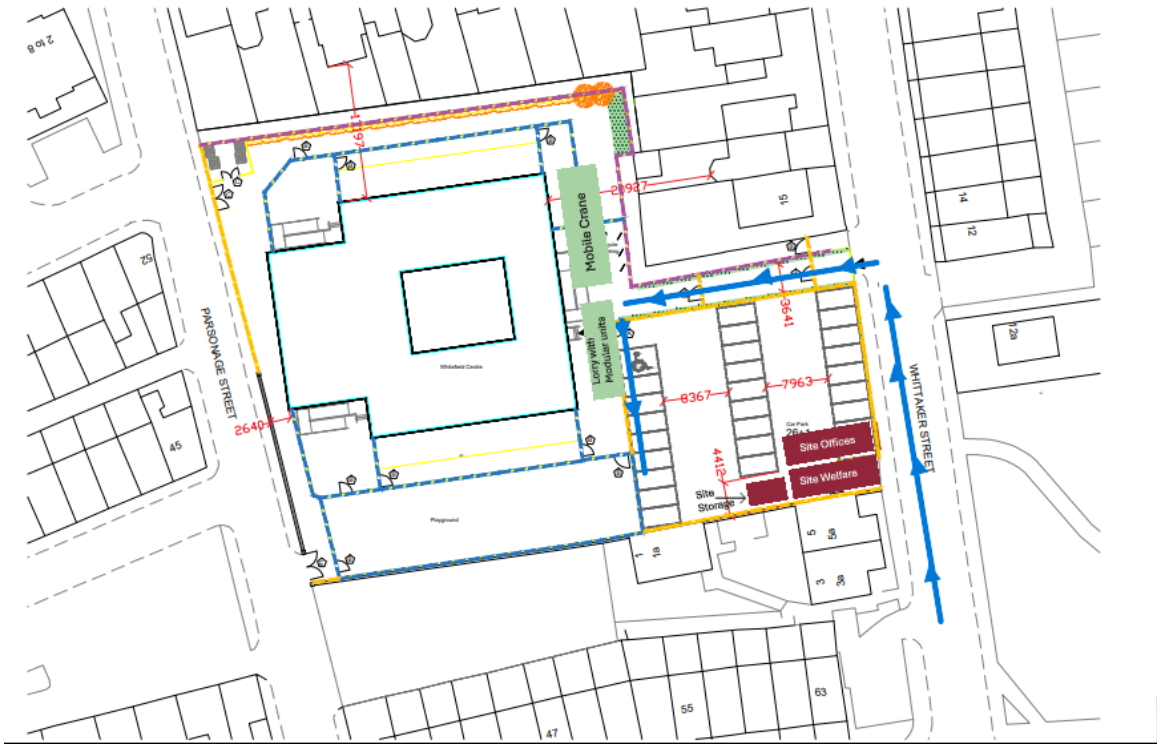
Specific Identified Residual Hazards: (or refer to the task specific risk assessment(s))	See attached Risk Assessment
Specific Staff Training	CSCS SMSTS Slinger/Signalling PASMA First Aid
Note :-	All Work to comply with all aspects of the following legislation. Safety, Health and Welfare at Work Act, 2005 Safety, Health and Welfare at Work (General Application Part 4 Working at Heights Regulations 2007 Safety, Health and Welfare at Work (Construction) Regulations 2013 HSAW 1974 (Order 78 -NI) MHWA 99

Method Statement for Delivery

Pre-Start

- Prior to the works commencing on site, all operatives are to be inducted onto site and the relevant personnel are to be briefed on these RAMS and sign them off as required.
- All access routes and delivery routes to be agreed.
- All materials to be brought to the work area as required.
- Materials to be offloaded as required in the relevant work area. The materials will be offloaded through the use of mechanical means where possible. If not possible or the objects are small in size, the materials may be hand balled from the delivery vehicle.
- If accessing the back of the trailers, operatives must put in controls to ensure they are protected from a fall by clipping an inertia reel to the higher end of the lorry and clipping it to the harness. This will allow the operatives to freely walk around the trailer. This is a last resort. Ideally, no operatives will be required to work on the back of the trailers.
- Machinery to be brought to the work area and left safe.
- Any prior informational training or briefings to be given by the client to be completed by all operatives
- All relevant documentation to be completed i.e Pre Use checks for machines and lifting equipment.
- Permits to be completed if deemed necessary by the site manager – Permit to Lift
- All works will be carried out to cause as little disruption as possible to the neighbouring businesses/residents within the area.
- Any accidents/incidents to be reported to the site manager immediately
- If something appears dangerous or unsafe, stop and report it.

Site Boundary, Offloading Modular units & TMP



- All deliveries will enter site through the main entrance at Whittaker Street.
- In layout above where proposed car park is; this will be utilised for deliveries.
- This area will be used for turning lorry's when delivering modular units for off loading by crane.
- The external site boundary will be as shown above. Internal fencing will not be installed to the end of the project.
- Sufficient space will be available for the turning of lorries to exit site again at Whittaker Street.
- Exclusion zones & pedestrian routes will be in place where applicable to segregate lorries from other site operatives. Site offices, welfare units and storage will be cordoned off from moving plant and vehicles.
- Trained signaller will be present during all unit deliveries.

Modular unit installation

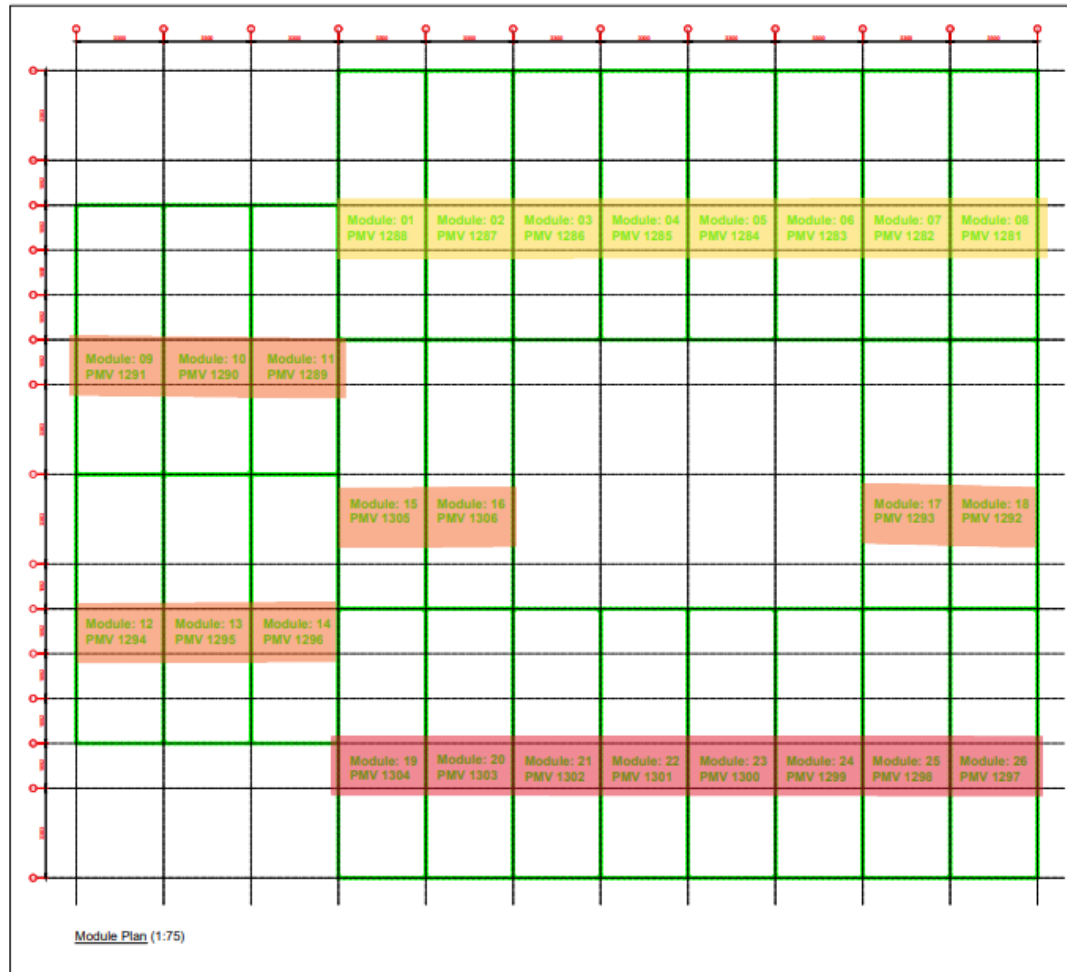
- Crane to be directed onto site as required under the guidance of banksmen.
- Crane will be set up as per lift plan and in the agreed, designated area. ***This will be done by an external contractor and appointed persons.***
- Crane area to be cordoned off.

Method Statement – R360

- once the crane has been set up and area cordoned off, the McVey lorries will be directed into the work area as required and driven to the offloading area as outline in the diagram above.
- Once in the offloading area, the operatives will take a straight ladder and prop it against the modular unit. Ladder will be footed when in use or tied off at the top. **All straight ladders require a permit to work.**
- The operatives will then be able to undo the straps holding the unit in place.
- When the unit has been freed from the straps, the operatives will then direct the crane block over to sit over the unit.
- This will allow the operatives to get the hook from the 4 leg chains and attach them to the 4no. lifting eye in the corner of the modular unit.
- In some cases, the operatives will not be able to do this from the straight ladder. In this case, an inertia reel will be attached to the crane block along with a rope at the end of the reel. This will allow operatives to make their way up the ladder and pull the rope and reel towards themselves so they can clip it to the harness they will be wearing.
- Once clipped onto the inertia reel, they can access the modular unit roof and connect the hooks of the 4 leg chains to the lifting eyes this way.
- They will then make their way back to the ladder (which will be tied or footed) and step onto the ladder. Once on the ladder, they can unclip the reel from their harness and make their way to ground level.
- ***In particular circumstances a ladder may not be the appropriate form of access and a scissor lift or boom may be used in place of a ladder. It is the discretion of the site manager to assess the risk involved and decide on the appropriate access equipment.***
- Once the chains are connected to the unit, the area will be cleared, and the driver will be directed to lift the unit clear and slew to the required location
- Once the unit is suspended at the required location, the tag lines will be used to guide the unit so it will be sitting on the relevant pads/built up points.
- Once suspended over the correct area, the signal will be given to the crane driver to slowly lower the load until it comes into contact with the pads.
- At this stage, communication is vital to ensure the operatives around the works are not under the load and their hands etc. are clear of pinch points etc.
- When the load has been successfully lowered and placed, the operatives can then unhook the chains from the lifting eyes. The same process for hooking them in place will be used here whereby the operatives will use a straight ladder, have it footed or tied and unhook the chains one at a time.
- If working off the ladder cannot be completed, the operatives will use the ladder to access the roof and have the inertia reel secured to the crane block as detailed previously.
- This lifting process is to be done for offloading, placing and releasing all units to be placed.
- Once the units have been placed, they will be bolted together with bolts being placed in the relevant holes and secured using an impact/torque wrench. Operative to be wearing ear protection for this task along with all other mandatory PPE.
- For reaching the required height, the operatives will again utilise the straight ladder that will be footed or tied off or alternatively they will be clipped onto the inertia reel for the crane block as detailed previously.
- Once the units have been bolted together, the operatives will then begin to weatherproof the units by installing the flashings etc.
- The flashings will be manually taken up the ladder and placed on the joints and the ends of the units – these will be installed using screw guns or similar to fix them to the units to weatherproof the units.
- Units will also be bolted together using the required bolts when the operatives are working from the ladders.
- Any internal works will be completed also using a variety of hand tools and an AFrame/podium ladder to access the heights.
- All waste will be removed from site.
- Crane will de-rig and make their way off site via the designated entrance/exit. This will be completed under the supervision of the spotters.
- McVey lorries will also exit site via the planned exit route. Please see image below showing the routes of travel for vehicles entering and exiting the site for the installation works.

Method Statement – R360

Sequence of Installation



DO NOT SCALE - IF IN DOUBT ASK!
THIS DRAWING REMAINS THE PROPERTY OF
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AND SHOULD NOT BE COPIED OR ITS CONTENTS
DISCLOSED WITHOUT PRIOR CONSENT

Site Address: [Blank]		01/03/20
Drawn By: [Blank]		11/03/20
Title: [Blank]		
Description: [Blank]		
Date: [Blank]		
By: [Blank]		
Check: [Blank]		
Project No: [Blank]		
Drawing No: [Blank]		
Revision: [Blank]		
Scale: 1:75		
Drawing Status: Construction		
P. McVey BUILDING SYSTEMS		
120 Rutland Road, Barnstaple, Devon PL4 8AA, 01323 7700 email: info@mcveybuilding.com Tel: 01323 7601 8070 www.mcveybuilding.com		

Install to take place over three days. The above drawing outline the sequence of install of each modular section.

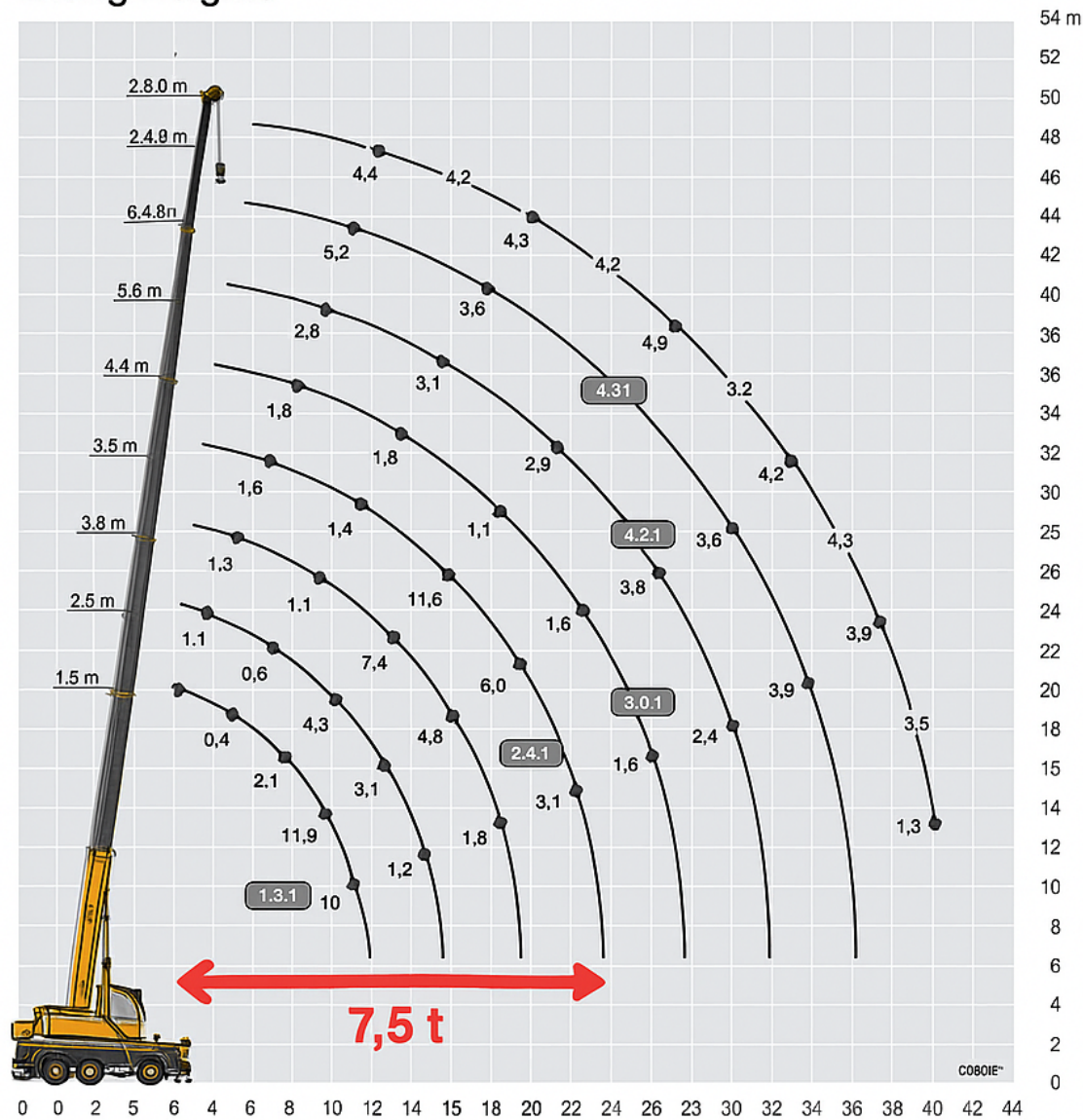
Day one – Modules 1-8 Tues 17th June

Day 2 – Modules 9-18 Wednesday 25th June

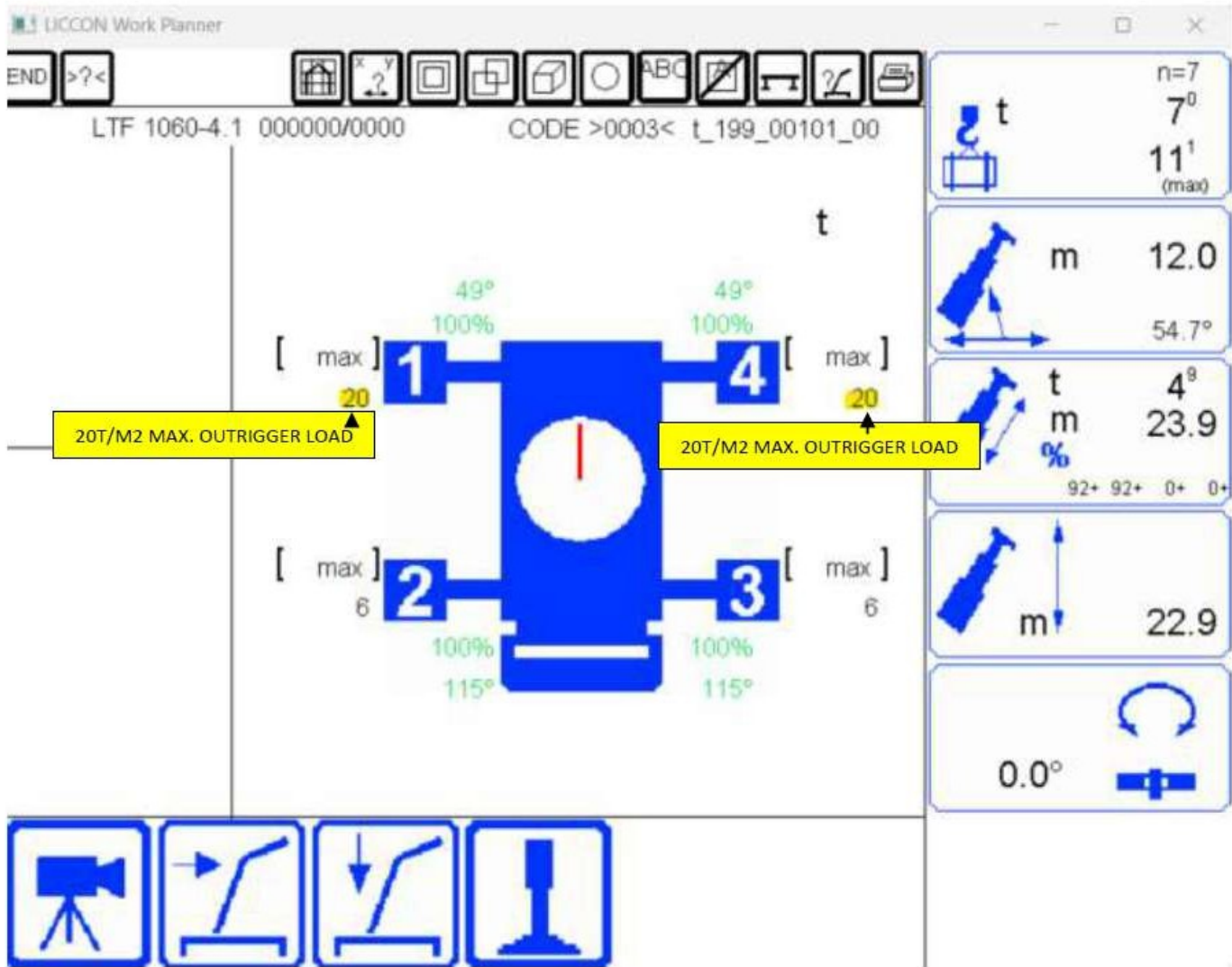
Day 3 – Modules 19-26 Thursday 10th July

The above process/method statement outlined for installation will be repeated on each day of install.

Lifting Heights



(1)60 TONNE MOBILE CRANE MAX. OUTRIGGER LOADS.





HAND SIGNALS.



OPERATIONS START
(follow my instructions)



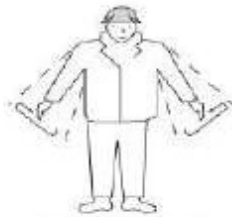
STOP



EMERGENCY STOP



HOIST
Clench and unclench
fingers to 'inch' load



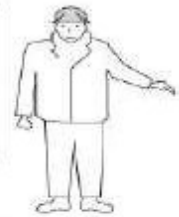
LOWER SLOWLY



LOWER



**SLEW IN DIRECTION
INDICATED**



JIB UP



JIB DOWN

DERRICKING JIB



EXTEND JIB



RETRACT JIB

TELESCOPING JIB

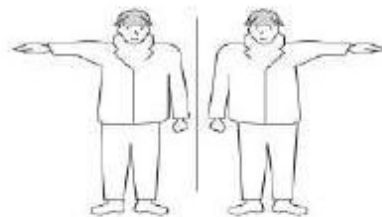


TRAVEL TO ME



TRAVEL FROM ME

CRANE MOVEMENT
Use both hands



**TRAVEL IN DIRECTION
INDICATED**



CEASE OPERATIONS