Risk & Method Statement

Company Name:	Stage One Creative Services Ltd	Date:	11-Apr-2025
Project:	ROS0825	Review Date:	
Task Description:	Three Yorkshire Roses – Site Installation	Stage One Contact / Supervisor	Christina Leach
Start Date:	08/09/2025	Finish Date:	28/09/2025
Document Prepared By:	Christina Leach	Signature:	C Leach
On Site Manager:	TBC	Contact No.:	07843 805991

Reference Number:	ROS0825-HS06-0001-B,1	Version 1 must be completed by the Project Manager immediately after design handover and discussed with HS Department.	
Version Number:	Revision:	Date:	Author
B,1	For Information – Draft	11/04/2025	Christina Leach
B,2			
B,3			

CONTROLLED DOCUMENT

Is a CDM Construction Phase Plan required?	Not Required ☒			Level 1 ☐			Level 2 ☐		
Design Risk Assessment Reference Number:	ROS0825-HS08-0005-B,1								
Specific production risk assessments required	Metal Workshop ☐	Wood Workshop ☐	HQ Paint ☐	Scenic Paint ☐	Primer Paint ☐	Engineering ☐	Qmotion ☐	Technical ☐	Operations ☐
Further Action Required?									

Specialist Qualifications
FIRST AIDER
IPAF OPERATOR
SLINGER
BANKSMAN

Specialist Qualifications
RIGGER
CRANE OPERATOR

Important Note: This document is subject to change and amendment. This is a preliminary assessment of the risks associated with site and will be developed and revised before installation begins.

Stage One Creative Services Ltd, Hangar 88, Marston Business Park
Tockwith, North Yorkshire, YO26 7QF, Registered in England No.3150434

1. Method Statement

Overview / Description of Project:

Stage One has been instructed to design the Three Yorkshire Roses installation. This is to be installed as a public artwork as part of a wider development on the Seam site in Barnsley. The project comprises of three structures, one will be 15m tall and two 12m tall, primarily made from galvanised steel with an industrial standard paint coating. Lighting and sound will be integrated throughout the structures as per BMBC specifications.

Sequence of Works phase 1 – Site Set Up:

1. The crew will attend a site safety induction from Principal Contractor, Willmott Dixon.
2. The crew will undergo site familiarisation including the location of welfare facilities, fire muster points etc.
3. Site kit will arrive via truck and be unloaded to a designated Stage One storage area.
4. The embed positions will be verified.
5. The embed nuts will be levelled in anticipation of the structures.

Essential safety requirements:

- All site-specific PPE requirements will be followed – hard hats, gloves, glasses, hi-vis at all times. Task specific PPE will also be worn, for example hearing protection when drilling.
- When offloading trucks, extra caution will be taken to avoid any manual handling or crushing injuries. Equipment will be provided to assist with the movement of heavy loads.
- Works will be taking place on an active construction site with other contractors. Crew will be reminded of the general construction site hazards and the precautions put in place by this document.

Sequence of Works phase 2 – Structure Build

1. The crane will arrive and be set up in the designated crane zone.
2. There will be a briefing with the crane contractor and Stage One management to talk through the lifts and ensure that everyone agrees on the methodology before lifting begins.
3. The hierarchy of lifting control will be established.
4. The structures will be connected to the crane via lifting points. Tie lines will be connected at additional points to allow for control and ease of movement.
5. The lifts will begin.
6. Each section will be lowered into position and bolted.
7. This process is repeated for each section of structure, with verification of safe connections at each stage until the structures are completed.
8. Access to the upper sections of the structure will be via cherry picker IRATA riggers using a fall protection system.
9. The internal structures will be accessed via the access hatch in a petal.
10. Once verified as securely bolted, the crane will be disconnected.
11. The petals will be built on the ground and lifted together where possible.
12. All bolt points will be tightened to torques specified in the drawings. The checking of these will be verified and recorded for reference.

Essential safety requirements:

- Any use of plant will be by ticketed and competent drivers.
- A qualified slinger/signaller will supervise all lifts.
- Lifts will be undertaken as per the lift plan, with any adjustments noted for the installation.
- There will be physical exclusion zones set up around the lifting area.
- Mandatory hard hat area.
- Access to the internal elements of the structure by harness trained personnel accompanied by IRATA riggers.
- A rescue plan will be in place and communicated to all parties.

Sequence of Works phase 3 – Lighting/Audio Rigging

1. The speakers will be rigged via a cherry picker.
2. The internal lighting will be accessed via the access hatch in a petal.
3. Any internal lighting will be rigged and cables pulled using the pull cords already located in the structure.
4. Testing will take place of the systems.
5. Lighting focus from inside the structures will be via harnessed access and external focus from a cherry picker.
6. PPE and personal fall arrest systems must be worn when accessing the structure.

Essential safety requirements:

- Only authorised access to the structures will be allowed.
- Access will be via a cherry picker.
- Any use of plant will be by ticketed and competent drivers.
- There will be physical exclusion zones set up around the lifting area.
- Mandatory hard hat area.
- Access to the internal elements of the structure by harness trained personnel accompanied by IRATA riggers.
- A rescue plan will be in place and communicated to all parties.

Sequence of Works phase 4 – Lighting/Audio Commissioning

1. Lighting commissioning will happen at night due to the light levels required to test and plot the lighting.
2. All lighting and audio will be tested for functionality.
3. Focussing access will be via cherry picker.

Essential safety requirements:

- Only authorised access to the structures will be allowed.
- Night working will be supervised and the risks assessed accordingly.
- Safe and sufficient levels of lighting must be supplied for all works.
- PPE and personal fall arrest systems must be worn when accessing the structure.
- Access to the internal elements of the structure by harness trained personnel accompanied by IRATA riggers.
- A rescue plan will be in place and communicated to all parties.

Stage One has tried to identify all hazards and risks associated with this task, although we cannot eliminate all risks. Control measures have been put in place to reduce these risks to the lowest level that is reasonably practicable.

This document will be reviewed before installation and resubmitted prior to work commencing on site.

2. Environmental Issues

Assessment By:	Christina Leach	Date:	11/04/2025

Whilst working on location (sites away from home base) please consider local issues (Aspects and impacts).

Aspect:	Impact			Control Measures
	HIGH	MEDIUM	LOW	
Waste Storage / Disposal	☐	☐	☒	Waste segregated into PC provided skips
Material Storage	☐	☐	☒	Minimal storage required
Nuisance: Noise, dust, traffic management.	☒	☐	☐	Speaker testing will be carefully planned so it does not disturb local residents. Delivery vehicle access will be carefully planned to minimise dust and traffic etc.
Historic environment	☐	☐	☒	Raise awareness of the possible presence of coal pits/shafts to team.
Water and spills discharging. Managing run offs.	☐	☐	☒	Minimal COSHH products used during installation.
Ecology, protected species and habitat.	☐	☐	☒	Assessed by Willmott Dixon (PC)
Other	☐	☐	☒	N/A

Legal Issues

There may be site location legal issues – consider local regulations (if any) and client contractual requirements (obligations).

Legal and/or client obligations	Detail of regulation or obligation.	Controls/results
Noise?	TBC	TBC

3. Risk Assessment

Persons at Risk:	Stage One Staff/Freelancers, Other Contractors	Public at Risk:	Trespassers

C = Consequence Rating

1. Insignificant
2. Minor injury
3. Moderate injury
4. Major Injury (RIDDOR)
5. Catastrophic

L = Likelihood of Occurrence

1. Very unlikely
2. Unlikely – 1 in 100,000
3. Fairly likely – 1 in 10,000
4. Likely – 1 in 1,000
5. Very likely – 1 in 100

RR = Risk Rating

Consequence					
5	5	10	15	20	25
4	4	8	12	16	20
3	3	6	9	12	15
2	2	4	6	8	10
1	1	2	3	4	5
	1	2	3	4	5

Likelihood

20 - 25	STOP – Stop activity and immediate action.
15 - 16	URGENT ACTION – Take immediate action and stop activity if necessary, maintain existing controls rigorously.
8 - 12	ACTION – Improve within specified timescales
3 - 6	MONITOR – Look to improve at next review or if there is a significant change.
1 - 2	NO ACTION – No further action, but ensure controls are maintained and reviewed.

What is the hazard?	Who might be harmed and how?	What are you doing to minimize the risk?	Risk Rating			What further action is necessary?	Monitored by whom?	Monitored until?
			L	C	RR			
Falling from height	Crew Trespassers	Personal fall arrest systems (PFAS) must be used when accessing the internals of the structure. Anchor points will be provided inside the structure	2	5	10	Task briefing	Stage One Project Manager / Crew Chief	Installation Complete

What is the hazard?	Who might be harmed and how?	What are you doing to minimize the risk?	Risk Rating			What further action is necessary?	Monitored by whom?	Monitored until?
			L	C	RR			
		for the workers to clip their PFAS systems onto. Only harness trained personnel under the supervision of IRATA trained personnel will be authorised to access the structure at height. This ensures that workers have the necessary understanding and experience to use the provided PFAS correctly. A rescue plan will be developed for safe access to the structures. The site will have boundary fencing provided by Willmott Dixon. No access equipment will be left with keys or in a position to be used to access the structure without authorisation.						
Access equipment	Occupant falling on to ground/hard surface resulting in serious injury/fatality.	IPAF trained personnel for use of MEWP's. All plant operators will carry relevant certification.	4	1	4	Task briefing Rescue Plan	Stage One Project Manager / Crew Chief	Installation Complete

What is the hazard?	Who might be harmed and how?	What are you doing to minimize the risk?	Risk Rating			What further action is necessary?	Monitored by whom?	Monitored until?
			L	C	RR			
		Harnesses to be worn and attached in cherry picker. A rescue plan will be created and communicated to all staff.						
Lifting operations	Crew and other contractors. Collapse of crane. Loss of load. Swinging load out of control. Leading to fatality.	Contract lift so responsibility sits with lift contractor. Tag lines must be used. Only authorised, trained, and competent personnel to operate crane. All operators will carry relevant certification. Valid Report of Thorough Examination of roto (to LOLER schedule). Written lifting plan. Supervised exclusion zone.	3	2	6	Task briefing Lift Plan	Lifting Contractor Stage One Project Manager / Crew Chief	Installation Complete
Electrical wires, cables, flexes.	Crew and other contractors. Electrical shocks or burns from using faulty electrical equipment, e.g. machinery, or a faulty installation. Electrical faults can also lead to fires.	Defective plugs, discoloured sockets, or damaged cable/equipment reported and taken out of service. Cable management – suspended cable hooks, cable tidies, cable covers. Cordless, battery powered items used where possible. Power to be isolated and	1	5	5	Task briefing	DZA Stage One Project Manager / Crew Chief	Installation Complete

What is the hazard?	Who might be harmed and how?	What are you doing to minimize the risk?	Risk Rating			What further action is necessary?	Monitored by whom?	Monitored until?
			L	C	RR			
	Trips from trailing cables.	isolation verified when working on connecting to power supply feed. Electrical installation to BS EN 7671 - Electrical Wiring Regulations						
Failure of plant	Damage to building structures. Overturning of plant. Unstable vehicles due to over loading/poor ground conditions. Contact with other materials. Entrapment / crushing.	Only authorised, trained, and competent personnel to operate plant. All plant operators will carry relevant certification. Keys removed at all times when not in use. Standard inspection of plant equipment carried out before any work commences. Work only carried out with adequate lighting. Pedestrian and vehicle routes are marked and physically separated where possible. 5 mph speed limit on all plant. Valid Report of Thorough examination (to LOLER schedule). Periodic servicing to schedule. Loads secured to plant for	1	1	1	Task briefing	Stage One Project Manager / Crew Chief	Installation Complete

What is the hazard?	Who might be harmed and how?	What are you doing to minimize the risk?	Risk Rating			What further action is necessary?	Monitored by whom?	Monitored until?
			L	C	RR			
		transit where there is a risk of losing the load. Seat belt to be worn.						
Falling materials / structures	Crew, other contractors Serious injury / fatality to people below.	Materials and structures to be secured immediately on installation. No freestanding elements left unsupervised. Use temporary fixings for a short period of time if necessary. Exclusion zone below area during installation. Mandatory hard hat area.	2	2	4	Task briefing	Stage One Project Manager / Site Manager	Installation Complete
Falling objects	Crew, other contractors Serious injury / fatality to people below.	Materials and structures to be secured immediately on installation. No freestanding elements left unsupervised. Use temporary fixings for a short period of time if necessary. Exclusion zone below area during installation. Tool belts to be used. Zipped pockets. All tools on lanyards. Hard hats must be worn.	2	2	4	Task briefing	Stage One Project Manager / Crew Chief	Installation Complete

Stage One Creative Services Ltd, Hangar 88, Marston Business Park
Tockwith, North Yorkshire, YO26 7QF, Registered in England No.3150434

What is the hazard?	Who might be harmed and how?	What are you doing to minimize the risk?	Risk Rating			What further action is necessary?	Monitored by whom?	Monitored until?
			L	C	RR			
Fire	Crew Fatal injuries from smoke inhalation / burns.	Co-operation and compliance with Willmott Dixon site fire rules.	1	1	2	Site Induction	Stage One Project Manager / Crew Chief	Installation Complete
Manual handling	Crew Musculoskeletal injuries	Staff trained in manual handling. Work gloves provided for handling tooling and pallets. Area clear of any obstacles, debris. Mechanical assistance used to lift items Forklifts and pallet trucks for moving bulk timber / metal and items. Rest periods taken/Rotation of staff. No one person to lift equipment above 25kg.	2	2	4	Task briefing	Stage One Project Manager / Crew Chief	Installation Complete
Pedestrian contact with plant	Crew, members of the public. Struck by moving vehicle, trapped by moving vehicle in forward or reverse. Crush injuries. Trip over tynes.	Only authorised, trained, and competent personnel to operate plant. All plant operators will carry relevant certification. Vehicle keys removed to avoid unwanted use of plant. Plant parked safely with tynes	1	2	2	Task briefing	Stage One Project Manager / Crew Chief	Installation Complete

What is the hazard?	Who might be harmed and how?	What are you doing to minimize the risk?	Risk Rating			What further action is necessary?	Monitored by whom?	Monitored until?
			L	C	RR			
		outside of pedestrian route and fully lowered. Supervised pedestrian movement. Loads secured to plant for transit where there is a risk of losing the load. Marshal in place to monitor and guide plant vehicles and keep potential unwanted personnel away from danger areas.						
Using electrical hand tools.	Crew Electric shock, burns. Hand arm vibration. Burn out of tools.	All equipment PAT tested annually. Visual checks carried out before use. Battery powered hand tools preferential otherwise 110-volt equipment.	1	1	1	Task briefing	Stage One Project Manager / Crew Chief	Installation Complete
Night working	Crew Fatigue resulting in a loss of concentration Insufficient lighting resulting in unsafe working.	Regular breaks and controlled working hours. Sufficient lighting that illuminates the overall working area and spot lighting for detailed tasks, for example head torches or small portable site lights.	1	5	5	Task briefing	Stage One Project Manager / Crew Chief	Installation Complete

What is the hazard?	Who might be harmed and how?	What are you doing to minimize the risk?	Risk Rating			What further action is necessary?	Monitored by whom?	Monitored until?
			L	C	RR			
		No lone working.						

Stage One Creative Services Ltd, Hangar 88, Marston Business Park
Tockwith, North Yorkshire, YO26 7QF, Registered in England No.3150434

4. Appendix A - Additional Changes to Risk Assessment

5. Appendix B - Technical References

Technical Information Enclosed	Drawing Reference	Document Reference
	ROS0825-GA00-0001 – All Three Yorkshire Roses General Arrangement	
	ROS0825-AA00-0001 – 15m Rose General Arrangement	
	ROS0825-BB00-0001 - 12m Rose General Arrangement	