

Project:	The Stables, Hinchliffe Mill	Date:	19/04/24	Revision:	-
Job No:	186-59	Client:	H Turner	Made By:	KGP
		Checked By:			

Ref	Activity / Hazard	Risk(s)	Person at Risk	Initial Risk Rating	Design Mitigation Measures and Controls (Eliminate, Reduce, Information, and Control)	Risk Owner	Date	Information	Rev Risk Rating
A	During Construction								
1	Excavation/Groundwork	Contaminated material if found during the excavation works	Worker	L	Limit excavations as much as practicable	[Contractor]	19/04/24	Recommendations made within the ground investigation report are to be followed. PPE to be worn on site	L
2	Excavation/Groundwork	Collapse of excavation side slope	Worker	H	Limit excavations as much as practicable	[Contractor]	19/04/24	Excavations to be battered back in line with ground conditions or temporary propping to be introduced	M
3	Construction of drainage	Working within open excavations	Worker	H	Limit excavations and drainage depths as much as practicable	[Contractor]	19/04/24	Excavations to be battered back in line with ground conditions or temporary propping to be introduced	M
4	Lifting/moving of materials	Possible injury due to size/weight of materials	Worker	M	N/A	[Contractor]	19/04/24	Mechanical aids to be used as much as possible	M
5	Temporary instability	Potential for structural collapse	Worker/ Public	H	Designed to be stable upon completion	[Contractor]	19/04/24	Contractor should provide a method statement for the erection of the structure and structural elements including and temporary works	M
6	Craneage	Overturning of crane due to poor ground conditions	Worker/ Public	H	N/A	[Contractor]	19/04/24	Contractor to determine ground conditions in proposed crane location and where necessary compact hardcore to provide a safe working platform for crane movements	M
7	Working around existing services	Potential injury from service strike	Worker	H	N/A	[Contractor]	19/04/24	Contractor shall survey and locate existing services prior to commencing works and ensure care is taken during works	M
8	Working at height	Potential fall from height	Worker	H	N/A	[Contractor]	19/04/24	Contractor to provide method statements for work at height. Steelwork erection to be undertaken by qualified steelwork erectors.	M
9	Working at height	Potential injury from falling objects	Worker/ Public	H	N/A	[Contractor]	19/04/24	Contractor to provide method statement for use of equipment at height. No access	M

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								to be granted below works being undertaken at height.	
10	Work in confined spaces	Potential for suffocation	Worker	H	N/A	[Contractor]	19/04/24	All construction personnel working in confined spaces must have valid "confined spaces certificate". This work must not be carried alone.	M
B	During Maintenance / Cleaning								
C	During Use as Workplace								

Risk Rating Description		Dutyholders [Risk Owner]			Notes
(H) High	Potential fatality / significant long term injury / long term ill health - eliminate or replace with alternative method / material	***	[Client]	Client	Considerations for elimination of foreseeable risks to any person (in accordance with General Principles of Prevention) carrying out construction, maintenance, cleaning, or using the structure as a workplace. Design steps to reduce or control risks through design process and information provided to PD/other designers and for H&S File.
(M) Medium	Potential significant / minor injury / ill health - reduce risk to lower level by introducing controls / method / materials	***	[Lead Designer]	Lead Designer	
		***	[Structural Engineer]	Structural Designer	
		***	[M&E Engineer]	M&E Designers	
		***	[Contractor M&E]	Contractor M&E Designers	
(L) Low	Potential minor injury / ill health - acceptable risk managed with controls	***	[Principal Contractor]	Principal Contractor	

CDM Schedule 3: Work involving Particular Risks <small>Regulation 12(2)</small>	Ref
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	A2
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	N/A
3. Work with ionizing radiation requiring the designation of controlled or supervised areas under regulation 16 of the Ionising Radiations Regulations 1999	N/A
4. Work near high voltage power lines	A7
5. Work exposing workers to the risk of drowning	A2, A10
6. Work on wells, underground earthworks and tunnels	N/A
7. Work carried out by divers having a system of air supply	N/A
8. Work carried out by workers in caissons with a compressed air atmosphere	N/A
9. Work involving the use of explosives	N/A
10. Work involving the assembly or dismantling of heavy prefabricated components	A3

Guidance

Introduction

The aim of this input document is to enable collation of Designer Risk Assessments from the Designers in the same format so that the Design Risk Management Register can be prepared and managed throughout the project by the Principal Designer.

Compliance

ALL Designers are required to provide Design Risk Information with their designs in compliance with CDM Regulation 9(2)-9(4) which requires application of the General Principles of Prevention and consideration of The Workplace (Health, Safety and Welfare) Regulations 1992:

- “ (2) *When preparing or modifying a design the designer must take into account the general principles of prevention and any pre-construction information to eliminate, so far as is reasonably practicable, foreseeable risks to the health or safety of any person—*
- (a) carrying out or liable to be affected by construction work;*
 - (b) maintaining or cleaning a structure; or*
 - (c) using a structure designed as a workplace*
- (3) *If it is not possible to eliminate these risks, the designer must, so far as is reasonably practicable—*
- (a) take steps to reduce or, if that is not possible, control the risks through the subsequent design process;*
 - (b) provide information about those risks to the principal designer; and*
 - (c) ensure appropriate information is included in the health and safety file.*
- (4) A designer must take all reasonable steps to provide, with the design, sufficient information about the design, construction or maintenance of the structure, to adequately assist the client, other designers and contractors to comply with their duties under these Regulations. ”

Regulation 9

Further guidance is available within [L153 Managing health and safety in construction](#), pages 26-30 (paragraphs 72-93).

Hazards introduced by Designers by virtue of their design may also impact upon other Designers as they progress their own designs. Design Risk Management enables ALL Designers and the Principal Designer to address the project risks holistically rather than individually.

General Principles of Prevention

The general principles of prevention are set out in full in Appendix 1 of L153, but in summary they are to:

- (a) avoid risks where possible;
- (b) evaluate those risks that cannot be avoided; and
- (c) put in place proportionate measures that control them at source.