Job No:	20-NWIND-047	**Drawing No:**	20-NWIND-047-01	**Rev:**	B
Design office:	Glasgow	**Designed:**	[redacted]	**Date:**	08/01/2021
Status:	Working	**Checked:**	[redacted]	**Date:**	08/01/2021
Client:	[redacted]				
Description:	Tube & Fitting Loading Platform - Canteen Dome				
Site	[redacted] Sellafield				

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APPENDIX D Design Risk Assessment Sheet

Control Measures		
CMR = Control measure responsibility Ref. = reference number residual hazards		
Control Measure Responsibility (CMR)		**Description**
C	Client/ Main contractor	Residual risk requiring client/ main contractor.
D	Designer	Risk mitigated by design. No further action required.
S	Scaffolding contractor	Residual risk requiring scaffolding contractor
M	Miscellaneous	Risk control by other/ multiple parties, as specified in DRA.

Person Reference	Persons at Risk
S	Scaffold erection team
U	Scaffold user
O	Other site personnel
P	General public
A	All

ASSESSED RISK ASSESSMENT (ARV)				
The following symbol is used on design drawings to identify where residual risks remain in the scaffold design.		**HIGH RISK**	**MEDIUM RISK**	**LOW RISK**
		ACTION TO BE TAKEN TO MITIGTE RISK	RISK TO BE NOTED WITHIN DESIGN	NO ACTION REQUIRED

DESIGN RISK ASSESSMENT

CMR	Ref	Hazard	Person ref	Assessed risk value	Control Measures	Assessed risk value
S	1	Personnel	S & U	High	All Enigma scaffolding staff are suitably qualified scaffold operatives and managed by the Branch management team. Erection will be in accordance with SG4 and Work at Height Regulations.	Low
S & M	3	Working at height	S & U	High	Handrails and toeboards detailed at all external faces of scaffold. Inside handrails shown where gap between platform & existing structure exceeds 225 mm. (During erection / dismantle, scaffolders must adhere to NASC SG4:15).	Low
C	7	Scaffold overload.	A	High	Maximum number of boarded lifts indicated on drawing. Maximum number of working lifts together with maximum imposed loading to these lifts indicated on drawing. Dummy lifts also detailed.	Low
C	8	Suitability of ground to cater imposed loads.	A	High	Maximum leg loads are indicated on drawing to enable main contractor to determine ground works required or check the suitability of any supporting structure to carry loads.	Low
C	9	Insufficient bracing	A	Medium	Position and frequency of bracing indicated on drawing.	Low

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DESIGN RISK ASSESSMENT

CMR	Ref	Hazard	Person ref	Assessed risk value	Control Measures	Assessed risk value
C	10	Incorrect lift heights and bay lengths causing overloading of members.	A	High	Maximum lift heights and bay lengths are indicated on drawing for each section of scaffold.	Low
C	11	Incorrect bridging beams/ Beams not laced and braced correctly.	A	High	Type and depth of beam indicated on drawing. Instructions stated on drawing on how to laced and brace beam, such as centres of lacing tubes, plan bracing and cross bracing.	Low
C	12	Incorrect connection of standards and puncheons to bridging beams	A	High	Enlarged details of standard/puncheon to beam, connections indicated on drawing showing location and type of fitting to be used including any check or supplementary coupler.	Low
C	13	Incorrect installation of check fitting or supplementary coupler.	A	High	Detail on drawing showing location, position and number of check or supplementary couplers where necessary.	Low