

Group Project draft

ID		Task Mode	Task Name	Duration	Start	Finish
1						
2			Jayne Pierson School of Art, Fashion and design	665 days	Mon 18/09/23	Fri 03/04/26
3						
4			RIBA Stages 1-2	140 days	Mon 18/09/23	Fri 29/03/24
5	✓		Appointment of Alpha Construction	1 day	Mon 18/09/23	Mon 18/09/23
6	✓		Set up project team	3 days	Tue 19/09/23	Thu 21/09/23
7	✓		Set out functional requirements	0 days	Fri 22/09/23	Thu 28/09/23
8	✓		Determine brief and budget	5 days	Fri 29/09/23	Thu 05/10/23
9						
10	✓		Desktop study on proposed site	51 days	Fri 06/10/23	Fri 15/12/23
11	✓		Historical review of land	10 days	Fri 06/10/23	Thu 19/10/23
12	✓		Request utility surveys	10 days	Fri 06/10/23	Thu 19/10/23
13	✓		Review electricity services drawings	5 days	Fri 20/10/23	Thu 26/10/23
14	✓		Review water services drawings	2 days	Fri 20/10/23	Mon 23/10/23
15	✓		Review gas services drawings	2 days	Fri 20/10/23	Mon 23/10/23
16	✓		Review telephone and fibre optics drawings	2 days	Fri 20/10/23	Mon 23/10/23
17	✓		Review existing drainage drawings	5 days	Fri 20/10/23	Thu 26/10/23
18	✓		Flood maps review	10 days	Fri 06/10/23	Thu 19/10/23
19	✓		Determine land ownership and boundaries	5 days	Fri 06/10/23	Thu 12/10/23
20	✓		Review existing ecology records	3 days	Fri 06/10/23	Tue 10/10/23
21	✓		Review existing contamination data	10 days	Fri 06/10/23	Thu 19/10/23
22	✓		Early planning consultation	5 days	Fri 06/10/23	Thu 12/10/23
23	✓		Request and review borehole data	10 days	Fri 06/10/23	Thu 19/10/23
24	✓		Radon map review	2 days	Fri 06/10/23	Mon 09/10/23
25	✓		Tree preservation review	2 days	Fri 06/10/23	Mon 09/10/23
26	✓		Review access including pedestrian, private and main highways	3 days	Fri 06/10/23	Tue 10/10/23
27	✓		Review existing archaeological data	10 days	Fri 06/10/23	Thu 19/10/23
28	✓		Site walkthrough and pictures	5 days	Fri 27/10/23	Thu 02/11/23

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ID		Task Mode	Task Name	Duration	Start	Finish
29	✓		Prepare summary report	30 days	Fri 03/11/23	Thu 14/12/23
30	✓		Issue desktop study to client with list of recommendations	1 day	Fri 15/12/23	Fri 15/12/23
31						
32			Site investigation	75 days	Mon 18/12/23	Fri 29/03/24
33	✓		Prepare scope for site investigations	23 days	Mon 18/12/23	Wed 17/01/24
34	✓		Client approval to proceed with recommended intrusive sampling and surveys	5 days	Thu 18/01/24	Wed 24/01/24
35	✓		Commission Surveys	2 days	Thu 25/01/24	Fri 26/01/24
36			Trial pits and bore hole sampling	10 days	Mon 29/01/24	Fri 09/02/24
37	✓		Testing and examination	10 days	Mon 12/02/24	Fri 23/02/24
38	✓		Prepare scope for Surveys including ecology, topographical, Flood consequence assessment	5 days	Thu 25/01/24	Wed 31/01/24
39			Commission surveys	10 days	Thu 01/02/24	Wed 14/02/24
40	✓		Summary report of findings and risk	30 days	Thu 15/02/24	Wed 27/03/24
41	✓		Client Approval to progress design development	2 days	Thu 28/03/24	Fri 29/03/24
42						
43			RIBA Stage 3 - Design Development and Planning	101 days	Mon 01/04/24	Mon 19/08/24
44						
45	✓		Review current proposed drawings in line with initial feasibility report findings	10 days	Mon 01/04/24	Fri 12/04/24
46			Propose foundation design based off GI findings	20 days	Mon 15/04/24	Fri 10/05/24
47	✓		Redesign of vehicle and pedestrian routes	5 days	Mon 15/04/24	Fri 19/04/24
48			Stage 3 Cost Plan	5 days	Mon 13/05/24	Fri 17/05/24
49			Client approval to proceed with planning and Stage 4 design	5 days	Mon 20/05/24	Fri 24/05/24
50						
51			Planning	86 days	Mon 22/04/24	Mon 19/08/24

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ID		Task Mode	Task Name	Duration	Start	Finish
52			Collate site surveys and reports	5 days	Mon 27/05/24	Fri 31/05/24
53			Prepare access statement	5 days	Mon 22/04/24	Fri 26/04/24
54			Local consultation with residents, businesses and church	3 days	Mon 27/05/24	Wed 29/05/24
55			Submit Pre application	1 day	Thu 30/05/24	Thu 30/05/24
56			Mandatory consultees	20 days	Fri 31/05/24	Thu 27/06/24
57			Implement any revisions following Pre App	5 days	Fri 28/06/24	Thu 04/07/24
58			Submit Full Planning	1 day	Fri 05/07/24	Fri 05/07/24
59			Planning application review	30 days	Mon 08/07/24	Fri 16/08/24
60			Planning outcome	1 day	Mon 19/08/24	Mon 19/08/24
61						
62			RIBA Stage 4 - detailed design	70 days	Mon 27/05/24	Fri 30/08/24
63			Develop detailed structural package	40 days	Mon 27/05/24	Fri 19/07/24
64			Develop detailed architectural package	40 days	Mon 27/05/24	Fri 19/07/24
65			Develop mechanical and electrical package	40 days	Mon 27/05/24	Fri 19/07/24
66			Design review with client team	20 days	Mon 22/07/24	Fri 16/08/24
67			Stage 4 cost plan	1 day	Mon 19/08/24	Mon 19/08/24
68			Client approval	5 days	Mon 26/08/24	Fri 30/08/24
69						
70			RIBA Stage 5	424 days	Tue 20/08/24	Fri 03/04/26
71			Contractor mobilisation	20 days	Mon 02/09/24	Fri 27/09/24
72			Discharge pre start planning conditions	30 days	Tue 20/08/24	Mon 30/09/24
73			Delivery of welfare facilities	1 day	Tue 01/10/24	Tue 01/10/24
74			Security hoarding	3 days	Wed 02/10/24	Fri 04/10/24
75			Formation of loading area	2 days	Wed 02/10/24	Thu 03/10/24
76			Temporary trackway install	2 days	Fri 04/10/24	Mon 07/10/24
77			Client approval of welfare and authorisation to start works CDM 2015	1 day	Tue 08/10/24	Tue 08/10/24
78						

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ID		Task Mode	Task Name	Duration	Start	Finish
79			Site clearance and infrastructure works	75 days	Wed 09/10/24	Tue 21/01/25
80			Delivery of Plant	1 day	Wed 09/10/24	Wed 09/10/24
81			Disconnection of all live services	5 days	Wed 09/10/24	Tue 15/10/24
82			Strip existing tarmac and cart off site	12 days	Wed 16/10/24	Thu 31/10/24
83			Excavate site to reduced levels	20 days	Fri 01/11/24	Thu 28/11/24
84			Upgrade works to existing drainage and storm assets in line with DCWW Easements	15 days	Fri 29/11/24	Thu 19/12/24
85			Install attenuation for SUDS designs	20 days	Fri 29/11/24	Thu 26/12/24
86			New infrastructure for incoming supplies	15 days	Fri 29/11/24	Thu 19/12/24
87			Construct new road in line with building for Crane and materials access	18 days	Fri 27/12/24	Tue 21/01/25
88						
89						
90						
91			Piling	79 days	Fri 29/11/24	Wed 19/03/25
92			Install piling mat	3 days	Fri 29/11/24	Tue 03/12/24
93			Mobilisation of piling rig	2 days	Wed 04/12/24	Thu 05/12/24
94			Piling	40 days	Fri 06/12/24	Thu 30/01/25
95			Cast pile caps	30 days	Fri 31/01/25	Thu 13/03/25
96			Building control foundations inspection	1 day	Fri 14/03/25	Fri 14/03/25
97			Removal of piling mat	3 days	Mon 17/03/25	Wed 19/03/25
98						
99			Structural Frame	101 days	Mon 17/03/25	Mon 04/08/25
100			Slab for tower crane installation	3 days	Mon 17/03/25	Wed 19/03/25
101			Tower crane set up	2 days	Thu 20/03/25	Fri 21/03/25
102			Delivery of ground floor structural columns	1 day	Mon 24/03/25	Mon 24/03/25
103			Site engineer set out grid	3 days	Thu 20/03/25	Mon 24/03/25
104			Erect vertical columns ground floor	20 days	Tue 25/03/25	Mon 21/04/25
105			Erect structural beams first floor	10 days	Tue 22/04/25	Mon 05/05/25

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ID		Task Mode	Task Name	Duration	Start	Finish
106			Erect structural vertical columns first floor	20 days	Tue 06/05/25	Mon 02/06/25
107			Erect second floor structural beams	10 days	Tue 03/06/25	Mon 16/06/25
108			Erect Structural columns second floor	20 days	Tue 17/06/25	Mon 14/07/25
109			Erect Structural beams for roof structure	15 days	Tue 15/07/25	Mon 04/08/25
110						
111						
112						
113						
114			Off site manufactured floor cassettes and infill panels ground floor	85 days	Tue 22/04/25	Mon 18/08/25
115			Measured survey	3 days	Tue 22/04/25	Thu 24/04/25
116			Production of timber panels	40 days	Fri 25/04/25	Thu 19/06/25
117			Window and door openings installation	10 days	Fri 20/06/25	Thu 03/07/25
118			first fix electrical	20 days	Fri 20/06/25	Thu 17/07/25
119			First fix mechanical	20 days	Fri 20/06/25	Thu 17/07/25
120			Quality checks	5 days	Fri 18/07/25	Thu 24/07/25
121			Out for delivery	5 days	Fri 25/07/25	Thu 31/07/25
122			Floor cassettes production	20 days	Fri 25/04/25	Thu 22/05/25
123			Stair case ground floor	18 days	Fri 25/04/25	Tue 20/05/25
124			Delivery of stair case	3 days	Tue 06/05/25	Thu 08/05/25
125			Panel installation	6 days	Fri 01/08/25	Fri 08/08/25
126			Stair case installation	2 days	Fri 09/05/25	Mon 12/05/25
127			Floor cassettes installation	6 days	Mon 11/08/25	Mon 18/08/25
128						
129						
130						
131			Off site manufactured floor cassettes and infill panels first floor	88 days	Tue 06/05/25	Thu 04/09/25
132			Measured survey	3 days	Tue 06/05/25	Thu 08/05/25

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ID		Task Mode	Task Name	Duration	Start	Finish
133			Production of timber panels	30 days	Fri 09/05/25	Thu 19/06/25
134			Window frame installation	7 days	Fri 20/06/25	Mon 30/06/25
135			first fix electrical	20 days	Fri 20/06/25	Thu 17/07/25
136			First fix mechanical	20 days	Fri 20/06/25	Thu 17/07/25
137			Quality checks	5 days	Fri 18/07/25	Thu 24/07/25
138			Out for delivery	1 day	Tue 19/08/25	Tue 19/08/25
139			Floor cassettes production	20 days	Fri 09/05/25	Thu 05/06/25
140			Stair case first floor	18 days	Fri 09/05/25	Tue 03/06/25
141			Delivery of stair case	3 days	Tue 06/05/25	Thu 08/05/25
142			Panel installation	6 days	Wed 20/08/25	Wed 27/08/25
143			Stair case installation	2 days	Fri 09/05/25	Mon 12/05/25
144			Floor cassettes installation	6 days	Thu 28/08/25	Thu 04/09/25
145						
146			Off site manufactured infill panels second floor	97 days	Tue 06/05/25	Wed 17/09/25
147			Measured survey	3 days	Tue 06/05/25	Thu 08/05/25
148			Production of timber panels	30 days	Fri 09/05/25	Thu 19/06/25
149			Window frame installation	5 days	Fri 20/06/25	Thu 26/06/25
150			first fix electrical	20 days	Fri 20/06/25	Thu 17/07/25
151			First flix mechanical	21 days	Fri 20/06/25	Fri 18/07/25
152			Quality checks	3 days	Mon 21/07/25	Wed 23/07/25
153			Out for delivery	3 days	Fri 05/09/25	Tue 09/09/25
154			Panel installation	6 days	Wed 10/09/25	Wed 17/09/25
155						
156						
157			Roof	70 days	Tue 15/07/25	Mon 20/10/25
158			Roof structure manufactured off site	40 days	Tue 15/07/25	Mon 08/09/25
159			Rood structure Installed	10 days	Tue 09/09/25	Mon 22/09/25
160			Roof covering installed	20 days	Tue 23/09/25	Mon 20/10/25
161						

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ID		Task Mode	Task Name	Duration	Start	Finish
162			Envelope	69 days	Mon 11/08/25	Thu 13/11/25
163			Ground floor	40 days	Mon 11/08/25	Fri 03/10/25
164			Curtain wall east and north elevation	12 days	Mon 11/08/25	Tue 26/08/25
165			Glazing install	8 days	Wed 27/08/25	Fri 05/09/25
166			Brick finishes West elevation	20 days	Mon 08/09/25	Fri 03/10/25
167						
168			First floor	41 days	Thu 28/08/25	Thu 23/10/25
169			Curtain wall east elevation	12 days	Thu 28/08/25	Fri 12/09/25
170			Glazing install	6 days	Mon 15/09/25	Mon 22/09/25
171			Cladding finish to north, south and half of west elevations	10 days	Tue 23/09/25	Mon 06/10/25
172			Brick finishes to half of west elevation	8 days	Tue 23/09/25	Thu 02/10/25
173			Vertical shading panel fixings to be installed	5 days	Tue 07/10/25	Mon 13/10/25
174			Shading panels installed	8 days	Tue 14/10/25	Thu 23/10/25
175						
176			Second floor	41 days	Thu 18/09/25	Thu 13/11/25
177			Curtain wall east elevation	12 days	Thu 18/09/25	Fri 03/10/25
178			Glazing install	6 days	Mon 06/10/25	Mon 13/10/25
179			Cladding finish to north, south and half west elevations	10 days	Tue 14/10/25	Mon 27/10/25
180			Brick finishes to half west elevation	8 days	Tue 14/10/25	Thu 23/10/25
181			Vertical shading panel fixings to be installed	5 days	Tue 28/10/25	Mon 03/11/25
182			Shading panels installed	8 days	Tue 04/11/25	Thu 13/11/25
183						
184			Atrium	10 days	Tue 23/09/25	Mon 06/10/25
185			Glazing to be installed	10 days	Tue 23/09/25	Mon 06/10/25
186						
187						
188						

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ID		Task Mode	Task Name	Duration	Start	Finish
189			Internal works	129 days	Mon 06/10/25	Thu 02/04/26
190			Install glazing portions	10 days	Tue 21/10/25	Mon 03/11/25
191			Screed with power coat ground floor finish	8 days	Tue 21/10/25	Thu 30/10/25
192			Second fix carpentry	40 days	Tue 21/10/25	Mon 15/12/25
193			Sprinkler tank delivery	4 days	Mon 06/10/25	Thu 09/10/25
194			Lift install	4 days	Fri 14/11/25	Wed 19/11/25
195			Second fix electrical	34 days	Fri 14/11/25	Wed 31/12/25
196			Second fix mechanical	45 days	Fri 14/11/25	Thu 15/01/26
197			Decoration	40 days	Fri 16/01/26	Thu 12/03/26
198			Vinyl floor coverings to studio and lecture hall	18 days	Tue 16/12/25	Thu 08/01/26
199			Carpet floor coverings to staff room, library and quiet study rooms	20 days	Fri 09/01/26	Thu 05/02/26
200			Electrical testing	5 days	Thu 01/01/26	Wed 07/01/26
201			Mechanical testing	5 days	Fri 16/01/26	Thu 22/01/26
202			witnessing and training	5 days	Fri 23/01/26	Thu 29/01/26
203			Snagging	10 days	Fri 13/03/26	Thu 26/03/26
204			Final clean	5 days	Fri 27/03/26	Thu 02/04/26
205						
206						
207			Landscaping	65 days	Fri 14/11/25	Thu 12/02/26
208			Hard landscaping	25 days	Fri 14/11/25	Thu 18/12/25
209			Delivery of sculptors	10 days	Fri 19/12/25	Thu 01/01/26
210			Soft landscaping	20 days	Fri 02/01/26	Thu 29/01/26
211			SUDS planting scheme	10 days	Fri 30/01/26	Thu 12/02/26
212			Bike shelter	5 days	Fri 19/12/25	Thu 25/12/25
213						
214			Handover	1 day	Fri 03/04/26	Fri 03/04/26
215						
216			RIBA 6	365 days	Mon 06/04/26	Fri 27/08/27

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ID		Task Mode	Task Name	Duration	Start	Finish
217			Bim information	10 days	Mon 06/04/26	Fri 17/04/26
218			Defects Period	365 days	Mon 06/04/26	Fri 27/08/27

Group Project draft		
Predecessors	Resource Names	Notes
5	Ben[25%],Elliott Lewis[25%],Jack Keenan [25%],JP[25%],Lynsey [25	
6	Ben[25%],Abigael[25%]	
7	Elliott Lewis[25%],Jack Keenan [25%],Lynsey [25%],Abigael[25%]	
8	Ben[25%],Jack Keenan [25%]	
8	JP[25%]	
12	Elliott Lewis[25%]	
12	JP[25%]	
12	JP[25%]	
12	JP[25%]	
12	JP[25%]	
8	JP[25%]	
8	Elliott Lewis[25%],Jack Keenan [25%]	
8	Elliott Lewis[25%]	
8	Ben[25%]	
8	Elliott Lewis[25%],Abigael[25%]	
8	Ben[25%]	
8	Ben[25%]	
8	Ben[25%]	
8	Abigael[25%],Jack Keenan [25%]	
8	Ben[25%]	
13	Elliott Lewis[25%],Jack Keenan [25%]	
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Group Project draft		
Predecessors	Resource Names	Notes
28	JP[25%],Abigael[25%]	
29	Abigael[25%],Ben[25%],Elliott Lewis[25%],Jack Keenan [25%],JP[25%],Lynsey [25%]	
30	Ben[25%],Jack Keenan [25%]	
33	Elliott Lewis[25%],Lynsey [25%]	
34	Elliott Lewis[25%]	
35	Ben[25%],Jack Keenan [25%],Ground investigation[1]	
36	Ben[25%],Jack Keenan [25%]	
34	Abigael[25%],Lynsey [25%]	
38	Lynsey [25%],Site Surveys [1]	
39	Ben[25%],Jack Keenan [25%],JP[25%]	
40	Elliott Lewis[25%],Lynsey [25%]	
41	Abigael[25%],Lynsey [25%]	
45	Ben[25%]	
45	Jack Keenan [25%]	
46,47	Lynsey [25%]	
48	Elliott Lewis[25%],Lynsey [25%]	

Group Project draft		
Predecessors	Resource Names	Notes
49	Ben[25%]	
47	Elliott Lewis[25%]	
49	Abigael[25%],Elliott Lewis[25%],Lynsey [25%]	
54	Abigael[25%]	
55		
56	Ben[25%]	
57	Abigael[25%],Lynsey [25%],Planning Fees[1]	
58	Abigael[25%]	
59		
49	Jack Keenan [25%]	
49	Architect[75%]	
49	JP[25%]	
63,64,65	Elliott Lewis[25%],Architect[75%],Jack Keenan [25%]	
66	Lynsey [25%]	
67		
	Prelims	
68		Covered under prelim cos
60	Further Surveys Fees[1]	
72	Delivery of Welfare units[1],Labourer	Delivery cost only hire un
73	Delivery of Fencing[1],Labourer	Install cost only hire unde
73	Small Stone [1],Tipper	
75	Small Stone [1],Tipper	
73,74,75,76		Client Visit
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Predecessors	Resource Names	Notes
77	Excavator 1,Excavator 2,Small excavator ,Tipper,Tipper 2	
77	Utility disconnections from NG and DCWW[1]	
81	Excavator 1,Excavator 2,Ground worker 1[50%],Ground worker 2[5	
82	Excavator 1,Excavator 2,Ground worker 5[50%],Ground worker 6[5	
83	Drainage materials[1],Excavator 1,Ground worker 1[50%],Ground worker 2[50%],Ground worker 3[50%],Ground worker	
83	SUDS[1],Excavator 2,Foreman [50%],Ground worker 5[50%],Groun	
83	Transformer Install [1]	
85	Excavator 2,Ground worker 1[50%],Ground worker 2[50%],Ground worker 3[50%],Ground worker 4[50%],Labourer	
83	Pilling Mat[1],Labourer	
92	Piling rig ,Labourer ,Machine operator	
93	Piles [1],Piling rig ,Site engineer	
94	Concrete[1],Foreman [50%],Ground worker 1[50%],Ground worker	
95	Site engineer	
96	Ground worker 7[50%],Ground worker 8[50%],Ground worker 9[50	
96	Excavator 1,Ground worker 1[50%],Ground worker 2[50%],Slab for	
100	Crane install/setup[1]	
101	Banksman ,Labourer ,Machine operator 2 ,Slinger	
100	Site engineer	
103	Steel fixers gang 1,Site engineer,Crane Hire	
104	Steel fixers gang 2 ,Site engineer,Crane Hire	

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Predecessors	Resource Names	Notes
105	Steel fixers gang 1,Site engineer,Crane Hire	
106	Steel fixers gang 2 ,Site engineer	
107	Steel fixers gang 1,Site engineer,Crane Hire	
108	Steel fixers gang 1,Steel fixers gang 2 ,Site engineer	
104	Quality Control Manager 1	
115	Offsite Construction GF timber panels [1]	
116	Carpentry Team 1 offsite	
116	Electricians offsite team 1	
116	Plumbers off site team 1	
118,119	Foreman [50%]	
120	Haulage GF[1]	
115	Construction floor cassettes off site [1]	
115	Stair case production [1]	
105	Long load lorry [1]	
121	Installation team 1 on site ,Crane Hire	
124	Installation team 1 on site	
125	Installation team 1 on site	
105		

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Predecessors	Resource Names	Notes
132	Construction floor cassettes off site FF[1]	
133	Carpentry Team 2 offsite	
133	Electricians offsite team 2	
133	Plumbers off site team 2	
135,136		
127	Haulage ff[1]	
132	Construction floor cassettes off site FF[1]	
132	Stair case production FF[1]	
105	Long load lorry [1]	
138	Installation Team 2 on site timber panels, Crane Hire	
141	Installation Team 2	
142	Installation Team 2 on site timber panels	
105	Quality Control Manager 1	
147	Construction floor cassettes off site SF[1], Offsite Construction SF ti	
148	Carpentry Team 3 offsite	
148	Electricians offsite team 3	
148	Plumbers off site team 3	
150,151	Quality Manager 3	
144	Haulage SF[1]	
153	Installation Team 3 on site timber panels	
108	Roof Structural offsite construction [1]	
158	Roofing gang	
159	Roof coverings [1], Roofing gang	
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Predecessors	Resource Names	Notes
125	Curtain wall GF [1],Curtain wall specialist team 1	
164	Glazing GF[1],Glazing install team 1	
165	Bricklayer gang 1 ,Brickwork GF[1],Labourer	
142	Curtain wall FF [1],Curtain wall specialist team 2	
169	Glazing FF[1],Glazing install team 2	
170	Cladding FF[1],Cladding installation team 1	
170	Bricklayer gang 2,Brickwork FF[1]	
171	Shading Pannels[1]	
173	Installers Shading Pannels 1	
154,169	Curtain wall specialist team 1 ,Curtain wall SF [1]	
177	Glazing install team 1,Glazing SF[1]	
178	Cladding installation team 1,Cladding SF[1]	
178	Bricklayer gang 1 ,Brickwork SF[1]	
179	Shading Pannels[1]	
181	Installers Shading Pannels 1	
159	Atrium [1]	
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Predecessors	Resource Names	Notes
185,160	Glazing install team 2	
160	Screed for flooring [1],Foreman [50%],Ground worker 1[50%],Grou	
160	Gang 1 Carpenters,Gang 2 Carpenters ,Gang 3 carpenters	
166	Sprinkler Tank[1],Labourer ,Plumbers off site team 1	
182	Lift [1]	
182	Gang 1 electricians,Gang 2 electricians,Gang 3 electricians	
182	Plumbers off site team 1,Plumbers off site team 2,Plumbers off site	
195,196	Decoration [1]	
192	Flooring Installer ,Foreman [50%],Labourer ,Vinyl flooring library ar	
198	Carpet fitters ,Carpet floor coverings[1]	
195	Commissioning Elec[1]	
196	Commissioning Mech[1]	
200,201	Training sessions	
197		
203	Cleaning Team	
182	Drainage [1],Ground worker 6[50%],Ground worker 7[50%],Groun	
208	Sculptors [1],Ground worker 5[50%]	
209	Planting[1],Signage [1],Small excavator ,SUDS Planting[1],Tipper,Tu	
210	Ground worker 3[50%],Ground worker 7[50%],SUDS Planting[1]	
208	Bike shelter [1],Carpentry Team 1 offsite	
204		
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Predecessors	Resource Names	Notes
214		
214		

ID		Resource Name	Type	Material Label	Initials	Group	Max. Units	Std. Rate	Ovt. Rate	Cost/Use
1		Elliott Lewis	Work		E	Project Manager	25%	£40.00/hr	£0.00/hr	£0.00
2		Jack Keenan	Work		J	Design Manager	25%	£40.00/hr	£0.00/hr	£0.00
3		Lynsey	Work		L	Quantity Surveyor	25%	£40.00/hr	£0.00/hr	£0.00
4		Ben	Work		B	Engineer	25%	£40.00/hr	£0.00/hr	£0.00
5		JP	Work		J	Building Services	25%	£40.00/hr	£0.00/hr	£0.00
6		Abigael	Work		A	BIM Coordinator	25%	£40.00/hr	£0.00/hr	£0.00
7		Ground investigation	Material		GI	Sampling and testing		£45,000.00		£0.00
8		Site Surveys	Material		SS	Topo, ecology, FCA		£3,500.00		£0.00
9		Planning Fees	Material		PF	Planning Consultant		£10,000.00		£0.00
10		Architect	Work		A	Stage 4 Design	75%	£45.00/hr	£0.00/hr	£0.00
11		Prelims	Work		P	Management, welfare,	100%	£4,000.00/wk	£0.00/hr	£0.00
12		Delivery of Welfare units	Material		D	Delivery Only		£1,800.00		£0.00
13		Delivery of Fencing	Material		D	Delivery Only		£400.00		£0.00
14		Labourer	Work		L	Labourer 1	100%	£20.00/hr	£0.00/hr	£0.00
15		Labourer	Work		L	Labourer 2	100%	£20.00/hr	£0.00/hr	£0.00
16		Tipper	Work		T	Hire cost per day	100%	£140.00/day	£0.00/hr	£0.00
17		Small Stone	Material		S	Temp trackway		£2,900.00		£0.00
18		Further Surveys Fees	Material		F	Planning Conditions		£5,000.00		£0.00
19		SUDS	Material		S	SUDS Design Fees		£9,100.00		£0.00
20		Excavator 1	Work		E	Hire cost per day	100%	£250.00/day	£0.00/hr	£0.00
21		Excavator 2	Work		E	Hire cost per day	100%	£250.00/day	£0.00/hr	£0.00
22		Machine operator	Work		M	Experienced operator	100%	£25.00/hr	£0.00/hr	£0.00
23		Machine operator 2	Work		M	Experienced operator	100%	£25.00/hr	£0.00/hr	£0.00
24		Muck away	Work		M	5 trips a day	100%	£450.00/day	£0.00/hr	£0.00
25		Tipper 2	Work		T	Hire cost per day	100%	£140.00/day	£0.00/hr	£0.00
26		Utility disconnections from NG and DCWW	Material		U	Fixed Price quote		£27,460.00		£0.00
27		Drainage materials	Material		D			£98,000.00		£0.00
28		Ground worker 1	Work		G	GW 1	50%	£30.00/hr	£0.00/hr	£0.00
29		Ground worker 2	Work		G	GW 2	50%	£30.00/hr	£0.00/hr	£0.00

ID		Resource Name	Type	Material Label	Initials	Group	Max. Units	Std. Rate	Ovt. Rate	Cost/Use
30		Ground worker 3	Work		G	GW3	50%	£30.00/hr	£0.00/hr	£0.00
31		Ground worker 4	Work		G	GW4	50%	£30.00/hr	£0.00/hr	£0.00
32		Ground worker 5	Work		G	GW5	50%	£30.00/hr	£0.00/hr	£0.00
33		Ground worker 6	Work		G	GW6	50%	£30.00/hr	£0.00/hr	£0.00
34		Ground worker 7	Work		G	GW7	50%	£30.00/hr	£0.00/hr	£0.00
35		Ground worker 8	Work		G	GW 8	50%	£30.00/hr	£0.00/hr	£0.00
36		Ground worker 9	Work		G	GW9	50%	£30.00/hr	£0.00/hr	£0.00
37		Foreman	Work		F	Gang leader	50%	£45.00/hr	£0.00/hr	£0.00
38		Small excavator	Work		S		100%	£100.00/day	£0.00/hr	£0.00
39		Attenuation Tank	Material		A	Tank cost		£47,000.00		£0.00
40		Transformer Install	Material		T	NG Install fixed price q		£63,800.00		£0.00
41		Tarmac	Material		T			£28,000.00		£0.00
42										
43		Pilling Mat	Material		P			£10,000.00		£0.00
44		Piling rig	Work		P		100%	£400.00/day	£0.00/hr	£0.00
45		Pilling engineer	Work		P		100%	£60.00/hr	£0.00/hr	£0.00
46		Piles	Material		P	Material Cost		£160,000.00		£0.00
47		Concrete	Material		C	Includes delivery		£23,000.00		£0.00
48		Reinforcement	Material		R	Mesh including deliver		£390,000.00		£0.00
49		Site engineer	Work		S		100%	£70.00/hr	£0.00/hr	£0.00
50										
51		Crane Hire	Work		C		100%	£3,000.00/wk	£0.00/hr	£0.00
52		Crane install/setup	Material		C			£1,000.00		£0.00
53		Slab for crane base	Material		S			£1,300.00		£0.00
54		Banksman	Work		B		100%	£20.00/hr	£0.00/hr	£0.00
55		Slinger	Work		S		100%	£30.00/hr	£0.00/hr	£0.00
56		Steel gf columns	Material		S			£90,000.00		£0.00
57		Steel gf beams	Material		S			£120,000.00		£0.00
58		Steel fixers gang 1	Work		S	8 men including manag	100%	£400.00/hr	£0.00/hr	£0.00
59		Steel fixers gang 2	Work		S	8 men including manag	100%	£4,000.00/hr	£0.00/hr	£0.00

ID		Resource Name	Type	Material Label	Initials	Group	Max. Units	Std. Rate	Ovt. Rate	Cost/Use
60		Steel ff columns	Material		S			£90,000.00		£0.00
61		Steel ff beams	Material		S			£120,000.00		£0.00
62		Steel sf columns	Material		S			£90,000.00		£0.00
63		Steel sf beams	Material		S			£120,000.00		£0.00
64		Steel roof structure	Material		S			£75,000.00		£0.00
65										
66		Offsite Construction GF timber panels	Material		O	Including materials		£190,000.00		£0.00
67		Carpentry Team 1 offsite	Work		C	8 Men 1 manager	100%	£400.00/hr	£0.00/hr	£0.00
68		Electricians offsite team 1	Work		E	6 men	100%	£300.00/hr	£0.00/hr	£0.00
69		Plumbers off site team 1	Work		P	4 men	100%	£2,000.00/hr	£0.00/hr	£0.00
70		Quality Control Manager 1	Work		Q		100%	£70.00/hr	£0.00/hr	£0.00
71		Haulage GF	Material		H			£2,100.00		£0.00
72		Construction floor cassettes off site	Material		C	Labour and materials fixed price quote		£66,000.00		£0.00
73		Stair case production	Material		S	Labour and materials f		£7,100.00		£0.00
74		Long load lorry	Material		L			£1,490.00		£0.00
75		Installation team 1 on site	Work		I	8 Men 1 manager	100%	£400.00/hr	£0.00/hr	£0.00
76		Installation Team 2	Work		I	8 Men 1 manager	100%	£400.00/hr	£0.00/hr	£0.00
77										
78		Offsite Construction FF timber panels	Material		O	Including materials		£190,000.00		£0.00
79		Carpentry Team 2 offsite	Work		C	8 Men 1 manager	100%	£400.00/hr	£0.00/hr	£0.00
80		Electricians offsite team 2	Work		E	6 men	100%	£300.00/hr	£0.00/hr	£0.00
81		Plumbers off site team 2	Work		P	4 men	100%	£2,000.00/hr	£0.00/hr	£0.00
82		Haulage fF	Material		H			£2,100.00		£0.00
83		Construction floor cassettes off site FF	Material		C	Labour and materials fixed price quote		£66,000.00		£0.00
84		Stair case production FF	Material		S	Labour and materials f		£7,100.00		£0.00
85		Long load lorry	Material		L			£1,490.00		£0.00

ID		Resource Name	Type	Material Label	Initials	Group	Max. Units	Std. Rate	Ovt. Rate	Cost/Use
86		Installation Team 2 on site timber panels	Work		I	8 Men 1 manager	100%	£400.00/hr	£0.00/hr	£0.00
87										
88		Offsite Construction SF timber panels	Material		O	Including materials		£190,000.00		£0.00
89		Carpentry Team 3 offsite	Work		C	8 Men 1 manager	100%	£400.00/hr	£0.00/hr	£0.00
90		Electricians offsite team 3	Work		E	6 men	100%	£300.00/hr	£0.00/hr	£0.00
91		Plumbers off site team 3	Work		P	4 men	100%	£2,000.00/hr	£0.00/hr	£0.00
92		Haulage SF	Material		H			£2,100.00		£0.00
93		Construction floor cassettes off site SF	Material		C	Labour and materials fixed price quote		£66,000.00		£0.00
94		Stair case production SF	Material		S	Labour and materials f		£7,100.00		£0.00
95		Long load lorry	Material		L			£1,490.00		£0.00
96		Installation Team 3 on site timber panels	Work		I	8 Men 1 manager	100%	£400.00/hr	£0.00/hr	£0.00
97		Quality Manager 3	Work		Q		100%	£70.00/hr	£0.00/hr	£0.00
98										
99		Roof Structural offsite construction	Material		R			£70,000.00		£0.00
100		Roof coverings	Material		R	Materials		£220,000.00		£0.00
101		Roofing gang	Work		R	8 Men	100%	£600.00/hr	£0.00/hr	£0.00
102										
103		Curtain wall GF	Material		C	Materials only		£97,000.00		£0.00
104		Glazing GF	Material		G	Materials only		£132,000.00		£0.00
105		Brickwork GF	Material		B	Materials only		£46,000.00		£0.00
106		Bricklayer gang 1	Work		B	10 Men 1 manager	100%	£600.00/hr	£0.00/hr	£0.00
107		Glazing install team 1	Work		G	6 Men 1 manager	100%	£400.00/hr	£0.00/hr	£0.00
108		Curtain wall specialist team 1	Work		C	8 Men 1 manager	100%	£500.00/hr	£0.00/hr	£0.00
109										
110		Curtain wall FF	Material		C			£120,000.00		£0.00

ID		Resource Name	Type	Material Label	Initials	Group	Max. Units	Std. Rate	Ovt. Rate	Cost/Use
111		Glazing FF	Material		G			£111,000.00		£0.00
112		Brickwork FF	Material		B			£27,000.00		£0.00
113		Bricklayer gang 2	Work		B	10 Men 1 manager	100%	£600.00/hr	£0.00/hr	£0.00
114		Glazing install team 2	Work		G	6 Men 1 manager	100%	£400.00/hr	£0.00/hr	£0.00
115		Curtain wall specialist team 2	Work		C	8 Men 1 manager	100%	£500.00/hr	£0.00/hr	£0.00
116		Cladding FF	Material		C			£42,000.00		£0.00
117		Cladding installation team 1	Work		C	6 Men 1 manager	100%	£600.00/hr	£0.00/hr	£0.00
118		Shading Pannels	Material		S			£59,500.00		£0.00
119		Installers Shading Pannels 1	Work		I	8 Men 1 manager	100%	£0.00/hr	£0.00/hr	£0.00
120										
121										
122		Curtain wall SF	Material		C			£100,000.00		£0.00
123		Glazing SF	Material		G			£80,000.00		£0.00
124		Brickwork SF	Material		B			£30,000.00		£0.00
125		Cladding SF	Material		C			£42,000.00		£0.00
126		Atrium	Material		A	Labour and Material In		£66,200.00		£0.00
127										
128		Screed for flooring	Material		S			£18,000.00		£0.00
129		Gang 1 Carpenters	Work		G	10 men	100%	£1,000.00/hr	£0.00/hr	£0.00
130		Gang 2 Carpenters	Work		G	10 men	100%	£1,000.00/hr	£0.00/hr	£0.00
131		Gang 3 carpenters	Work		G	10 men	100%	£1,000.00/hr	£0.00/hr	£0.00
132		Sprinkler Tank	Material		S			£40,000.00		£0.00
133		Lift	Material		L	Supply and Install cost		£27,000.00		£0.00
134		Gang 1 electricians	Work		G	8 men	100%	£800.00/hr	£0.00/hr	£0.00
135		Gang 2 electricians	Work		G	8 men	100%	£800.00/hr	£0.00/hr	£0.00
136		Gang 3 electricians	Work		G	8 men	100%	£800.00/hr	£0.00/hr	£0.00
137		Decoration	Material		D	Material and labour		£210,000.00		£0.00
138		Vinyl flooring library and quiet rooms	Material		V			£76,000.00		£0.00
139		Flooring Installer	Work		F	6 men	100%	£300.00/hr	£0.00/hr	£0.00

ID		Resource Name	Type	Material Label	Initials	Group	Max. Units	Std. Rate	Ovt. Rate	Cost/Use
140		Carpet floor coverings	Material		C			£85,000.00		£0.00
141		Carpet fitters	Work		C	12 men	100%	£600.00/hr	£0.00/hr	£0.00
142		Commissioning Elec	Material		C	Including Supplier connection fees		£65,000.00		£0.00
143		Commissioning Mech	Material		C	Including Supplier connection fees		£25,000.00		£0.00
144		Training sessions	Work		T		100%	£60.00/hr	£0.00/hr	£0.00
145		Cleaning Team	Work		C	10 men	100%	£400.00/hr	£0.00/hr	£0.00
146										
147		Paving	Material		P			£48,000.00		£0.00
148		Tarmac	Material		T			£95,700.00		£0.00
149		Turf	Material		T			£32,000.00		£0.00
150		SUDS Planting	Material		S			£50,000.00		£0.00
151		Sculptors	Material		S			£10,000.00		£0.00
152		Bike shelter	Material		B			£16,000.00		£0.00
153		Planting	Material		P			£74,000.00		£0.00
154		Fencing	Material		F			£45,600.00		£0.00
155		Signage	Material		S			£6,000.00		£0.00
156		Drainage	Material		D			£170,000.00		£0.00
157										
158		Gang 1 Plumbers	Work		G	8 men	100%	£800.00/hr	£0.00/hr	£0.00
159		Gang 2 Plumbers	Work		G	8 men	100%	£800.00/hr	£0.00/hr	£0.00
160		Gang 3 Plumbers	Work		G	8 men	100%	£800.00/hr	£0.00/hr	£0.00

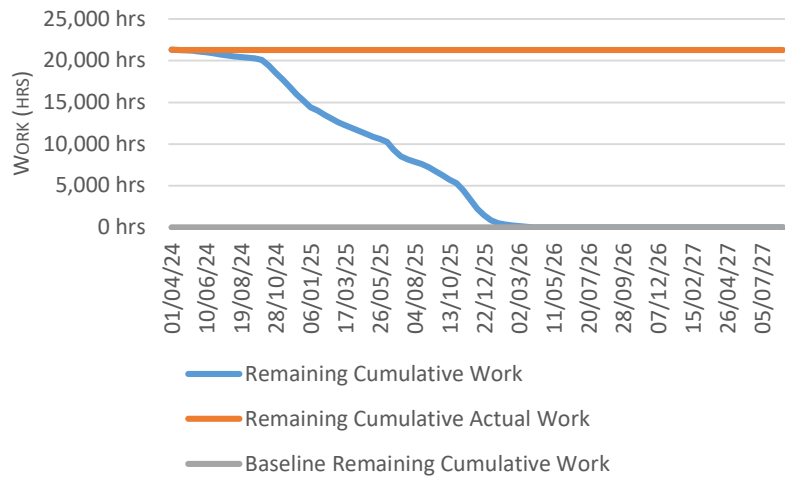
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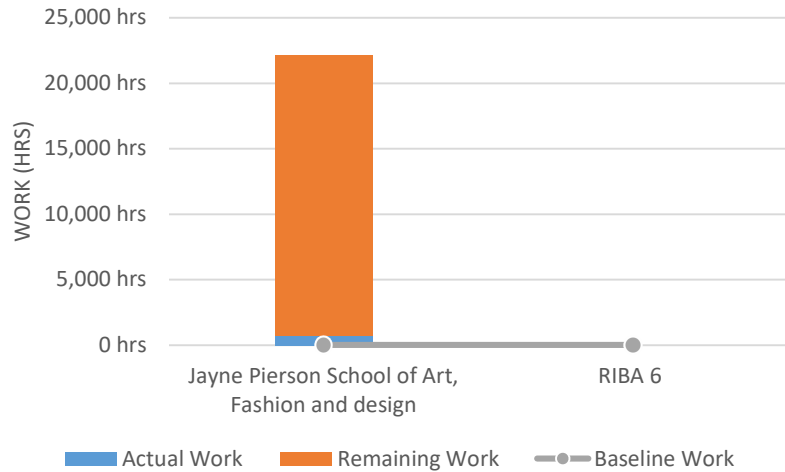


WORK BURNDOWN

Shows how much work you have completed and how much you have left. If the remaining cumulative work line is steeper, then the project may be late.

Is your baseline work zero?

[Try setting a baseline](#)



WORK STATS

Shows work stats for all top level tasks.

% Work Complete

4%

Remaining Work

21,262 hrs

Actual Work

870 hrs

WORK OVERVIEW

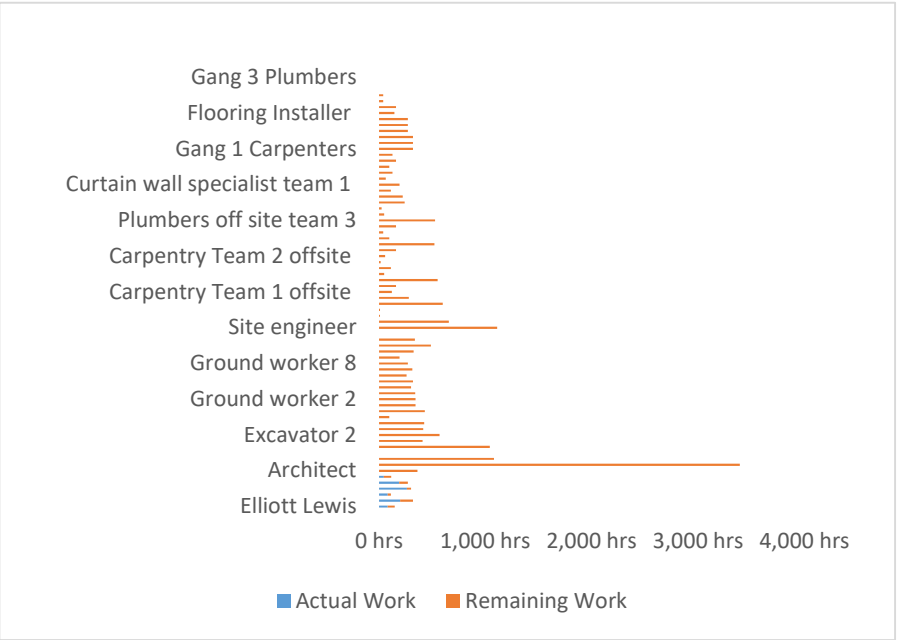
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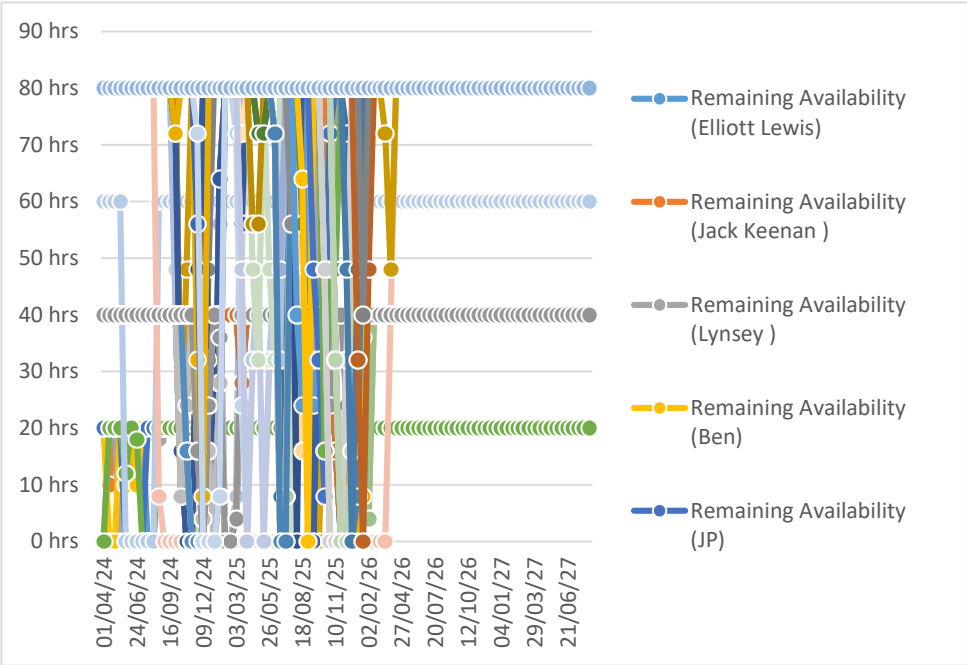
RESOURCE STATS

Shows work stats for all your resources.



REMAINING AVAILABILITY

Shows remaining availability for all work resources.



The image displays a comprehensive project schedule Gantt chart for a construction project. The chart is organized into columns representing time periods from 2023 to 2025. It features a hierarchical structure of tasks, with major tasks like 'Foundation', 'Structure', 'Roofing', and 'Finishing' branching into numerous sub-tasks. Each task is represented by a colored bar indicating its duration. The chart includes a legend at the bottom left with color-coded categories: Foundation (blue), Structure (orange), Roofing (green), Finishing (purple), and others. The right side of the chart shows a detailed view of the 'Finishing' phase, including tasks like 'Interior finishing', 'Exterior finishing', and 'Landscaping'. The chart is a detailed project schedule for a construction project, showing tasks and their durations from 2023 to 2025.

Design Health and Safety Register			Alpha Designs			6023-Alpha-XX-XX-HS-Z-001		
Jayne Pierson School of Art Fashion and Design								
Ref	Risk Category (phase where appropriate)	Work element/location	Hazard or risk identified	Risk Management Owner	Design Action required	Significant Temporary Works Requirements/Management Arrangements and/or any Special Erection/Installation Sequences or Requirements	Design Action	Significant residual risk
001	Construction	Excavation	Route and condition of all of the existing buried services utilities may not be specified.	Building Services Engineer	A full survey of the existing services is to be carried out before the commencement of any work. Services will need to be disconnected and/or made safe. Contractor to adopt safe digging techniques.		Utilities survey to be carried out prior to commencement of works on site	No
002	Construction	Excavation	Presence of shallow groundwater on site, which may disturb ground works undertaken	Geotechnical Engineer	Information on existing conditions presented through GI report	TBC Principal Contractor to decide depending on conditions	Mitigations to be introduced in response to ground investigation report	No
003	Construction	Excavation	Variable and poor ground quality on site	Principal Contractor	Information on existing conditions presented through GI report	TBC Principal Contractor to decide depending on conditions	Mitigations to be introduced in response to ground investigation report	No
004	Construction	Excavation	Potential for localised ground contamination within the made ground, including asbestos due to historic demolition od buildings on the site.	Geotechnical Engineer	Information on the location and condition of any-asbestos containing materials to be provided. Detailed plan, setting out how the risks from these materials will be managed, to be prepared before the construction		Principal Contractor to engage with asbestos specialist on correct procedures for removal / working in and around areas of potential buried asbestos	Yes
005	Construction	Groundworks	Presence of number plausible potential pollutant linkages on site, which are considered as a potential risk to human health and controlled waters. Potential for off-site contamination to migrate on-site from the historical surrounding industries	Geotechnical Engineer	Details on the risks from pollutant linkages to be identified	TBC Principal Contractor to decide depending on conditions	Mitigation strategy's to be implemented where necessary	Yes
006	Construction	Piling Works	Vicinity of piling and existing sewer to be co-ordinated	Principal Contractor	Best known position of pipe plotted and noted on drawing		Information to be forwarded to sub contractor and managed	No
007	Construction	General	Fire risk of timber pre fabricated panels and Glulam Beams	Principal Contractor	Contractor to commission Fire Engineer to undertake risk assessment and recommendations		Principal Contractor to undertake construction fire risk assessment	No
008	Construction	Superstructure	Heavy structural elements falling from height during construction	Principal Contractor	Assumed sequence of construction to be provided describing how heavy structural elements could be lifted into place. Contractor to ensure that lifting equipment must be used by suitably trained operatives when lifting heavy items. Contractor to ensure personnel do not attempt to manually lift loads exceeding the current Health & Safety guidelines. Contractor to ensure that all lifting equipment is suitable for carrying the weights specified. Proposed use of Tower crane throughout duration of works	Design to be coordinated with off site manufacture and structural engineer to decide any further actions required	Design to be coordinated with off site manufacture and structural engineer to decide any further actions required	No
009	Construction	Substructure	Ground floor slab needs to support temporary loadings during construction phase	Principal Contractor	Slabs must be of sufficient strength prior to loading	Ensure contractor is aware of curing period in specification,	Note on drawing	No
010	Construction	Site restrictions	The need to maintain access and emergency routes, where necessary	Principal Contractor	Detailed Phasing and strategy to be worked through	Principal Contractor to manage and review	Principal Contractor to manage and review	No
011	Construction	Site restrictions	Site constrained for traffic and deliveries. Local development, constrained location and limited access could result in, congestion of local infrastructure leading to delayed deliveries to site, leading to impact on programme. Use of Off site construction resulting in regular wide load deliveries	Principal Contractor	A report to be commissioned to conduct the following investigations; - Vehicle movements and tracking study to be conducted to assess the ease by which deliveries can access the site in the normal condition. - Local infrastructure assessment to be undertake to identify likely haulage routes and their capacity. - Cross reference with local on-going works to be made to assess expected loading on local infrastructure during the planned works and highlight any areas in which congestion would be expected.	Principal Contractor to manage and review	Principal Contractor to manage and review	No
012	Construction	Site restrictions	Proximity to live railway line	Principal Contractor	Exclusion Zones to be identified and permissions / permits to be agreed with Transport for Wales.	Principal Contractor to manage and review	Principal Contractor to manage and review	No
013	Construction	Location	Potential disruption/nuisance affecting adjacent buildings	Principal Contractor	Noise and vibration assessments to be carried out. Continued monitoring to be undertaken	Principal Contractor to manage and review	Principal Contractor to manage and review	No

014	Construction	Drainage	Off site drainage in road and other areas where services are not fully known	Principal Contractor	Appropriate services undertaken but discussion with contractor undertaking DCWW works in area throws uncertainty on proposed route with number of services in ground	Further route analysis required and further utility surveys required		Yes
015	Construction	Highways Works	Busy existing access road	Principal Contractor	Different from on site works, contractor to review and ensure competent sub-team	Principal Contractor to manage and review		No
016	Construction	Lifting Operations	Tower Crane for installation of Pre fab timber panels and structural frame	Principal Contractor	Detailed method statements to be produced in line with LOLER	Principal Contractor to manage and review		No
017	Construction	Site	Hot Works such as pipe welding etc, over and above usual risk due to timber frame structure	Principal Contractor	Hot works removed from design as far as possible	Contractor to operate a hot works permit or similar and manage risk accordingly		No
018	Construction	Internal	High Level M&E Services located within double height space	Principal Contractor	Long life / durable fittings specified as far as reasonable practical. All possible fittings etc removed from double height space as much as possible	Appropriate apparatus to be utilised whilst carrying out maintenance		Yes