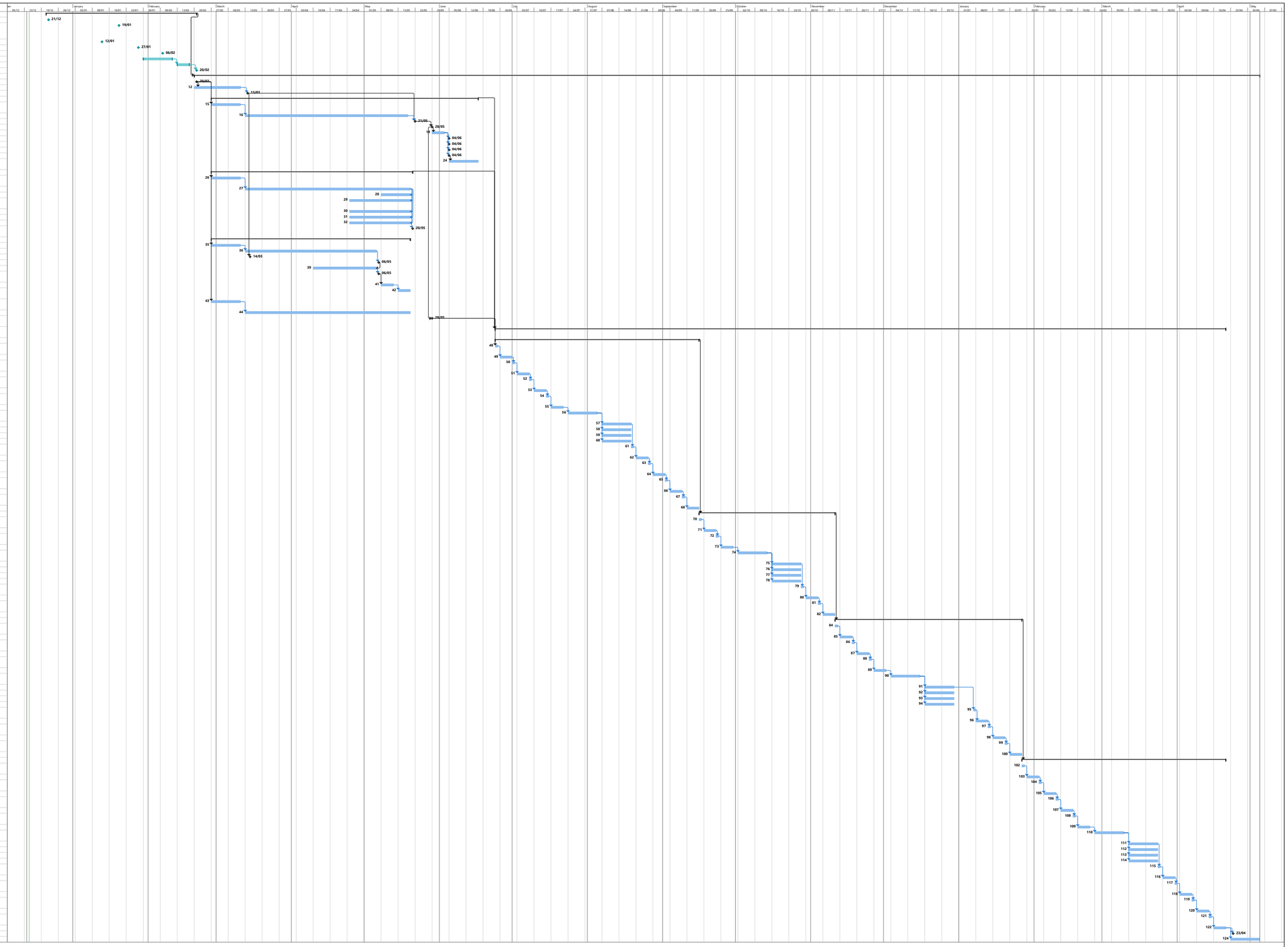
ID	Task Name	Duration	Start	Finish	Predecessors
1	**Tender Period**	**44 days**	**Wed 21/12/1**	**Mon 20/02/1**	
2	Tender issue (ITT)	1 day	Wed 21/12/1	Wed 21/12/1	
3	Deadline for Supplier clarification questionaire	1 day	Thu 19/01/17	Thu 19/01/17	
4	Bidders Day / Site Visit	1 day	Thu 12/01/1	Thu 12/01/1	
5	Tender response	1 day	Fri 27/01/17	Fri 27/01/17	
6	Clarification meeting	1 day	Mon 06/02/1	Mon 06/02/1	
7	Tender evaluation	10 days	Mon 30/01/1	Fri 10/02/17	
8	Trust Board approval	5 days	Mon 13/02/1	Fri 17/02/17	7
9	Contract award	1 day	Mon 20/02/1	Mon 20/02/18	
10	**Construction Phase**	**349 days?**	**Mon 20/02/1**	**Fri 04/05/18**	**1FS-1 day**
11	Trust order raised	1 day	Mon 20/02/1	Mon 20/02/1	
12	Contractor lead in period & site setup	15 days	Mon 20/02/1	Fri 10/03/17	11FS-1 day
13	Start on site	1 day?	Mon 13/03/1	Mon 13/03/1	12
14	**External Roof (Level 5) works**	**87 days**	**Mon 27/02/1**	**Fri 16/06/17**	
15	Steel & Extract AHU fabrication drawings issued for comment	10 days	Mon 27/02/17	Fri 10/03/17	11FS+4 days
16	Steel & Extract lead in	50 days	Mon 13/03/1	Thu 18/05/1	15
17	Roof structural steel installation	1 day	Sun 21/05/1	Sun 21/05/17	16,13
18	Extract AHU delivery and crane lift to roof	2 days	Sat 27/05/17	Sun 28/05/17	17
19	Extract ductwork installation	5 days	Mon 29/05/1	Fri 02/06/17	18
20	Extract EF82 changeover (Theatres 1-4)	2 days	Sat 03/06/17	Sun 04/06/17	19
21	Extract EF83 changeover (Theatres 5-7)	2 days	Sat 03/06/17	Sun 04/06/17	19
22	Extract EF84 changeover (Theatres 8-9)	2 days	Sat 03/06/17	Sun 04/06/17	19
23	Extract EF85 changeover (Theatres 11-14)	2 days	Sat 03/06/17	Sun 04/06/17	19
24	Removal of existing redundant extract fans and ductwork	10 days	Mon 05/06/17	Fri 16/06/17	23
25	**Temporary Supply AHU works**	**62 days**	**Mon 27/02/1**	**Sat 20/05/17**	
26	Temporary supply AHU fabrication drawings issued for comment	10 days	Mon 27/02/17	Fri 10/03/17	11FS+4 days
27	Temporary AHU lead in	51 days	Mon 13/03/1	Fri 19/05/17	26
28	AHU support frame procurement	10 days	Mon 08/05/1	Fri 19/05/17	27FF
29	Temporary piped services installation (Steam/condense & CHW)	20 days	Tue 25/04/17	Fri 19/05/17	27FF
30	Temporary ductwork installation	20 days	Tue 25/04/17	Fri 19/05/17	27FF
31	Temporary LV Power installation	20 days	Tue 25/04/17	Fri 19/05/17	27FF
32	Temporary BMS Controls installation	20 days	Tue 25/04/17	Fri 19/05/17	27FF
33	Temporary AHU delivery and crane lift to roof	1 day	Sat 20/05/17	Sat 20/05/17	27
34	**LTHW Heating Installation**	**61 days?**	**Mon 27/02/1**	**Fri 19/05/17**	
35	Technical Submittals for LTHW plant	10 days	Mon 27/02/1	Fri 10/03/17	11FS+4 days
36	LTHW plant lead in	40 days	Mon 13/03/1	Fri 05/05/17	35
37	Steam shutdown (8.0 barG)	1 day?	Tue 14/03/17	Tue 14/03/17	13
38	Plant delivery	1 day?	Sat 06/05/17	Sat 06/05/17	36
39	LTHW plant and piped services installation	20 days	Mon 10/04/1	Fri 05/05/17	38FF-1 day
40	Changeover and connection of OACS VT circuit	1 day	Sat 06/05/17	Sat 06/05/17	39
41	Commissioning	5 days	Mon 08/05/1	Fri 12/05/17	40
42	Strip out and removal of existing OACS heating plant	5 days	Mon 15/05/17	Fri 19/05/17	41
43	Supply AHU fabrication drawings issued for comment	10 days	Mon 27/02/17	Fri 10/03/17	11FS+4 days
44	Supply AHU lead in	51 days	Mon 13/03/1	Fri 19/05/17	43
45	Supply AHU delivery and crane lift to roof	2 days	Sat 27/05/17	Sun 28/05/17	18SS
46	**Internal Plant Room (Level 4) Ventilation works**	**242 days**	**Sat 24/06/17**	**Fri 20/04/18**	**25,45,14**
47	**AC74 to T11-T14**	**68 days**	**Sat 24/06/17**	**Fri 15/09/17**	
48	Temporary duct connections to Theatre 14 (AC74)	1 day	Sat 24/06/17	Sat 24/06/17	45
49	Microbiological testing of Theatre 14	5 days	Mon 26/06/1	Fri 30/06/17	48
50	Temporary duct connections to Theatre 13 (AC74)	1 day	Sat 01/07/17	Sat 01/07/17	49
51	Microbiological testing of Theatre 13	5 days	Mon 03/07/1	Fri 07/07/17	50
52	Temporary duct connections to Theatre 12 (AC74)	1 day	Sat 08/07/17	Sat 08/07/17	51
53	Microbiological testing of Theatre 12	5 days	Mon 10/07/1	Fri 14/07/17	52
54	Temporary duct connections to Theatre 11 (AC74)	1 day	Sat 15/07/17	Sat 15/07/17	53
55	Microbiological testing of Theatre 11	5 days	Mon 17/07/1	Fri 21/07/17	54
56	Strip out and removal of existing AC74 services	10 days	Mon 24/07/17	Fri 04/08/17	55
57	Installation of new AHU's T11-T14	10 days	Mon 07/08/1	Fri 18/08/17	56
58	Piped services installation	10 days	Mon 07/08/1	Fri 18/08/17	56
59	LV power installation	10 days	Mon 07/08/1	Fri 18/08/17	56
60	BMS controls installation	10 days	Mon 07/08/1	Fri 18/08/17	56
61	Final duct connections to Theatre 14 (AC74)	1 day	Sat 19/08/17	Sat 19/08/17	57
62	Microbiological testing of Theatre 14	5 days	Mon 21/08/1	Fri 25/08/17	61
63	Final duct connections to Theatre 13 (AC74)	1 day	Sat 26/08/17	Sat 26/08/17	62
64	Microbiological testing of Theatre 13	5 days	Mon 28/08/1	Fri 01/09/17	63
65	Final duct connections to Theatre 12 (AC74)	1 day	Sat 02/09/17	Sat 02/09/17	64
66	Microbiological testing of Theatre 12	5 days	Mon 04/09/1	Fri 08/09/17	65
67	Final duct connections to Theatre 11 (AC74)	1 day	Sat 09/09/17	Sat 09/09/17	66
68	Microbiological testing of Theatre 11	5 days	Mon 11/09/1	Fri 15/09/17	67
69	**AC73 to T8-T9**	**44 days**	**Sat 16/09/17**	**Fri 10/11/17**	**47FS-1 day**
70	Temporary duct connections to Theatre 9 (AC73)	1 day	Sat 16/09/17	Sat 16/09/17	
71	Microbiological testing of Theatre 9	5 days	Mon 18/09/1	Fri 22/09/17	70
72	Temporary duct connections to Theatre 8 (AC73)	1 day	Sat 23/09/17	Sat 23/09/17	71
73	Microbiological testing of Theatre 8	5 days	Mon 25/09/1	Fri 29/09/17	72
74	Strip out and removal of existing AC73 services	10 days	Mon 02/10/17	Fri 13/10/17	73
75	Installation of new AHU's T8-T9	10 days	Mon 16/10/1	Fri 27/10/17	74
76	Piped services installation	10 days	Mon 16/10/1	Fri 27/10/17	74
77	LV power installation	10 days	Mon 16/10/1	Fri 27/10/17	74
78	BMS controls installation	10 days	Mon 16/10/1	Fri 27/10/17	74
79	Final duct connections to Theatre 8 (AC73)	1 day	Sat 28/10/17	Sat 28/10/17	75
80	Microbiological testing of Theatre 8	5 days	Mon 30/10/1	Fri 03/11/17	79
81	Final duct connections to Theatre 9 (AC73)	1 day	Sat 04/11/17	Sat 04/11/17	80
82	Microbiological testing of Theatre 9	5 days	Mon 06/11/1	Fri 10/11/17	81
83	**AC72 to T5-T7 & Tea**	**62 days**	**Sat 11/11/17**	**Fri 26/01/18**	**69FS-1 day**
84	Temporary duct connections to Theatre 5 (AC72)	1 day	Sat 11/11/17	Sat 11/11/17	
85	Microbiological testing of Theatre 5	5 days	Mon 13/11/1	Fri 17/11/17	84
86	Temporary duct connections to Theatre 6 (AC72)	1 day	Sat 18/11/17	Sat 18/11/17	85
87	Microbiological testing of Theatre 6	5 days	Mon 20/11/1	Fri 24/11/17	86
88	Temporary duct connections to Theatre 7 & Tea (AC72)	1 day	Sat 25/11/17	Sat 25/11/17	87
89	Microbiological testing of Theatre 7	5 days	Mon 27/11/1	Fri 01/12/17	88
90	Strip out and removal of existing AC72 services	10 days	Mon 04/12/17	Fri 15/12/17	89
91	Installation of new AHU's T5-T7 & Tea	10 days	Mon 18/12/1	Fri 29/12/17	90
92	Piped services installation	10 days	Mon 18/12/1	Fri 29/12/17	90
93	LV power installation	10 days	Mon 18/12/1	Fri 29/12/17	90
94	BMS controls installation	10 days	Mon 18/12/1	Fri 29/12/17	90
95	Final duct connections to Theatre 5 (AC72)	1 day	Sun 07/01/18	Sun 07/01/18	91
96	Microbiological testing of Theatre 5	5 days	Mon 08/01/1	Fri 12/01/18	95
97	Final duct connections to Theatre 6 (AC72)	1 day	Sat 13/01/18	Sat 13/01/18	96
98	Microbiological testing of Theatre 6	5 days	Mon 15/01/1	Fri 19/01/18	97
99	Final duct connections to Theatre 7 & Tea (AC72)	1 day	Sat 20/01/18	Sat 20/01/18	98
100	Microbiological testing of Theatre 7	5 days	Mon 22/01/1	Fri 26/01/18	99
101	**AC71 to T1-T4**	**68 days**	**Sat 27/01/18**	**Fri 20/04/18**	**83FS-1 day**
102	Temporary duct connections to Theatre 1 (AC71)	1 day	Sat 27/01/18	Sat 27/01/18	
103	Microbiological testing of Theatre 1	5 days	Mon 29/01/1	Fri 02/02/18	102
104	Temporary duct connections to Theatre 2 (AC71)	1 day	Sat 03/02/18	Sat 03/02/18	103
105	Microbiological testing of Theatre 2	5 days	Mon 05/02/1	Fri 09/02/18	104
106	Temporary duct connections to Theatre 3 (AC71)	1 day	Sat 10/02/18	Sat 10/02/18	105
107	Microbiological testing of Theatre 3	5 days	Mon 12/02/1	Fri 16/02/18	106
108	Temporary duct connections to Theatre 4 (AC71)	1 day	Sat 17/02/18	Sat 17/02/18	107
109	Microbiological testing of Theatre 4	5 days	Mon 19/02/1	Fri 23/02/18	108
110	Strip out and removal of existing AC71 services	10 days	Mon 26/02/18	Fri 09/03/18	109
111	Installation of new AHU's T1-T4	10 days	Mon 12/03/1	Fri 23/03/18	110
112	Piped services installation	10 days	Mon 12/03/1	Fri 23/03/18	110
113	LV power installation	10 days	Mon 12/03/1	Fri 23/03/18	110
114	BMS controls installation	10 days	Mon 12/03/1	Fri 23/03/18	110
115	Final duct connections to Theatre 1 (AC71)	1 day	Sat 24/03/18	Sat 24/03/18	111
116	Microbiological testing of Theatre 1	5 days	Mon 26/03/1	Fri 30/03/18	115
117	Final duct connections to Theatre 2 (AC71)	1 day	Sat 31/03/18	Sat 31/03/18	116
118	Microbiological testing of Theatre 2	5 days	Mon 02/04/1	Fri 06/04/18	117
119	Final duct connections to Theatre 3 (AC71)	1 day	Sat 07/04/18	Sat 07/04/18	118
120	Microbiological testing of Theatre 3	5 days	Mon 09/04/1	Fri 13/04/18	119
121	Final duct connections to Theatre 4 (AC71)	1 day	Sat 14/04/18	Sat 14/04/18	120
122	Microbiological testing of Theatre 4	5 days	Mon 16/04/1	Fri 20/04/18	121
123	Practical Completion	1 day	Mon 23/04/1	Mon 23/04/1	122
124	Site Clearance	10 days	Mon 23/04/1	Fri 04/05/18	122



Project: 161214euc Draft Contru
Date: Wed 14/12/16

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Progress | Manual Progress