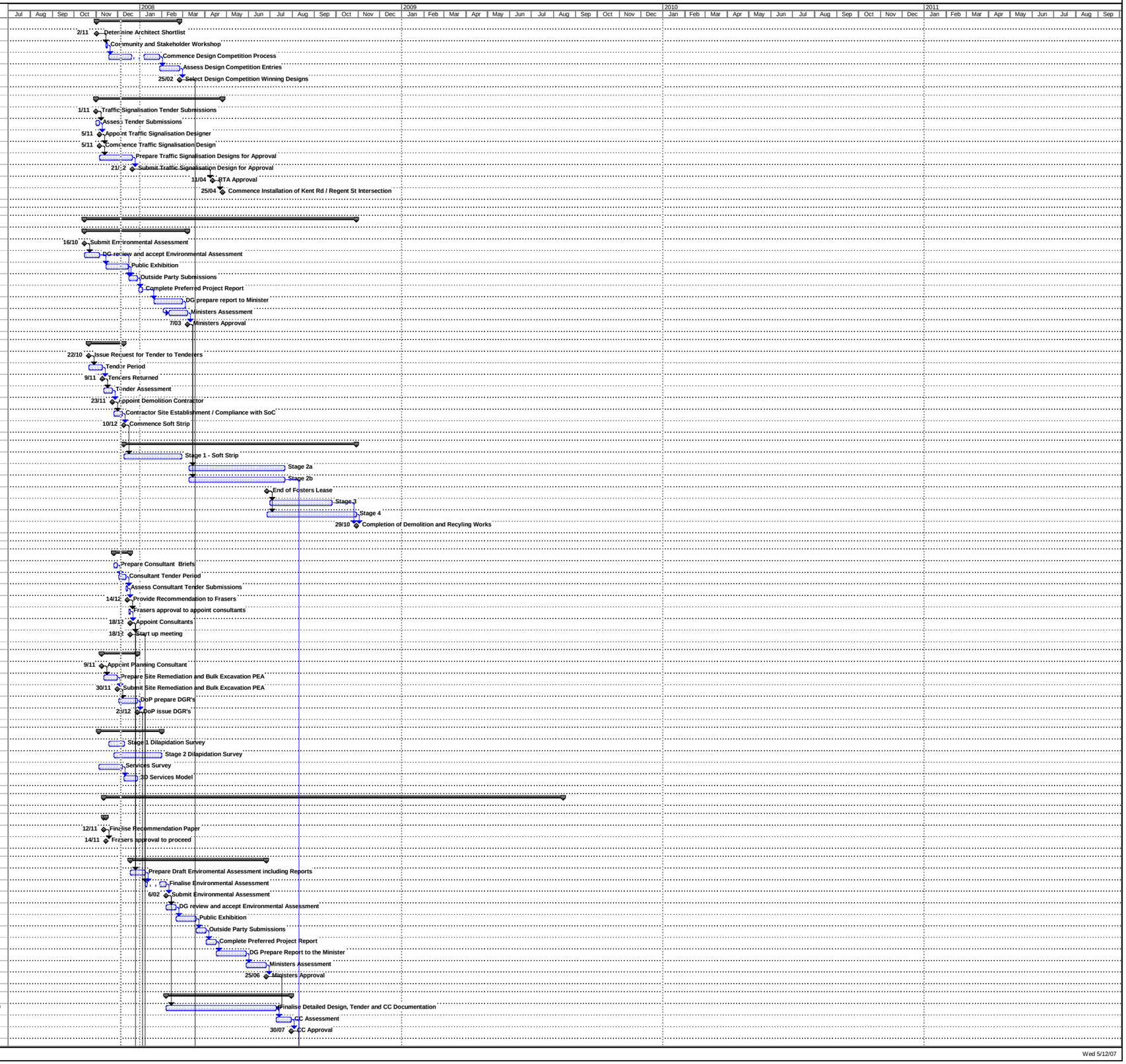
FRASERS PROPERTY

FRASERS BROADWAY
Draft Master Program for Early Works

INCOLL
DEVELOPMENT AND PROJECT MANAGEMENT

ID	Task Name	Duration	Start	Finish	Predecessors
1	**DESIGN EXCELLENCE PROCESS**	**82 days**	**Fri 2/11/07**	**Mon 25/02/08**	
2	Determine Architect Shortlist	0 days	Fri 2/11/07	Fri 2/11/07	
3	Community and Stakeholder Workshop	2 days	Thu 15/11/07	Fri 16/11/07	2
4	Commence Design Competition Process	40 days	Mon 19/11/07	Mon 28/01/08	3
5	Assess Design Competition Entries	20 days	Tue 29/01/08	Mon 25/02/08	4
6	Select Design Competition Winning Designs	0 days	Mon 25/02/08	Mon 25/02/08	5
7					
8	**TRAFFIC SIGNALISATION DESIGN AND APPROVAL**	**127 days**	**Thu 1/11/07**	**Fri 25/04/08**	
9	Traffic Signalisation Tender Submissions	0 days	Thu 1/11/07	Thu 1/11/07	
10	Assess Tender Submissions	3 days	Thu 1/11/07	Mon 5/11/07	9
11	Appoint Traffic Signalisation Designer	0 days	Mon 5/11/07	Mon 5/11/07	10
12	Commence Traffic Signalisation Design	0 days	Mon 5/11/07	Mon 5/11/07	11
13	Prepare Traffic Signalisation Designs for Approval	34 days	Tue 6/11/07	Fri 21/12/07	12
14	Submit Traffic Signalisation Design for Approval	0 days	Fri 21/12/07	Fri 21/12/07	13
15	RTA Approval	0 days	Fri 11/04/08	Fri 11/04/08	14FS+80 days
16	Commence Installation of Kent Rd / Regent St Intersection	0 days	Fri 25/04/08	Fri 25/04/08	15FS+10 days
17					
18					
19	**DEMOLITION AND RECYCLING**	**272 days**	**Tue 16/10/07**	**Wed 29/10/08**	
20	**Demolition and Recycling Project Application**	**104 days**	**Tue 16/10/07**	**Fri 7/03/08**	
21	Submit Environmental Assessment	0 days	Tue 16/10/07	Tue 16/10/07	
22	DG review and accept Environmental Assessment	15 days	Tue 16/10/07	Mon 5/11/07	21
23	Public Exhibition	22 days	Thu 15/11/07	Sat 15/12/07	22
24	Outside Party Submissions	10 days	Mon 17/12/07	Fri 28/12/07	22,23
25	Complete Preferred Project Report	5 days	Mon 31/12/07	Fri 4/01/08	24
26	DG prepare report to Minister	30 days	Mon 21/01/08	Fri 29/02/08	25FS+10 days
27	Ministers Assessment	20 days	Mon 11/02/08	Fri 7/03/08	26FS-15 days
28	Ministers Approval	0 days	Fri 7/03/08	Fri 7/03/08	27
29					
30	**Demolition and Recycling Tender**	**35 days**	**Mon 22/10/07**	**Mon 10/12/07**	
31	Issue Request for Tender to Tenderers	0 days	Mon 22/10/07	Mon 22/10/07	
32	Tender Period	15 days	Mon 22/10/07	Fri 9/11/07	31
33	Tenders Returned	0 days	Fri 9/11/07	Fri 9/11/07	32
34	Tender Assessment	10 days	Mon 12/11/07	Fri 23/11/07	33
35	Appoint Demolition Contractor	0 days	Fri 23/11/07	Fri 23/11/07	34
36	Contractor Site Establishment / Compliance with SoC	10 days	Mon 26/11/07	Fri 7/12/07	35
37	Commence Soft Strip	0 days	Mon 10/12/07	Mon 10/12/07	36
38					
39	**Demolition and Recycling Works**	**233 days**	**Mon 10/12/07**	**Wed 29/10/08**	
40	Stage 1 - Soft Strip	59 days	Mon 10/12/07	Thu 28/02/08	37
41	Stage 2a	96 days	Mon 10/03/08	Mon 21/07/08	28
42	Stage 2b	96 days	Mon 10/03/08	Mon 21/07/08	28
43	End of Fosters Lease	0 days	Fri 27/06/08	Fri 27/06/08	
44	Stage 3	63 days	Tue 1/07/08	Thu 25/09/08	43
45	Stage 4	89 days	Fri 27/06/08	Wed 29/10/08	43
46	Completion of Demolition and Recyling Works	0 days	Wed 29/10/08	Wed 29/10/08	44,45
47					
48					
49	**CONSULTANT APPOINTMENTS**	**17 days**	**Mon 26/11/07**	**Tue 18/12/07**	
50	Prepare Consultant Briefs	5 days	Mon 26/11/07	Fri 30/11/07	
51	Consultant Tender Period	8 days	Mon 3/12/07	Wed 12/12/07	50
52	Assess Consultant Tender Submissions	2 days	Thu 13/12/07	Fri 14/12/07	51
53	Provide Recommendation to Frasers	0 days	Fri 14/12/07	Fri 14/12/07	52
54	Frasers approval to appoint consultants	2 days	Mon 17/12/07	Tue 18/12/07	53
55	Appoint Consultants	0 days	Tue 18/12/07	Tue 18/12/07	54
56	Start up meeting	0 days	Tue 18/12/07	Tue 18/12/07	55
57					
58	**PRELIMINARY ENVIRONMENTAL ASSESSMENT (PEA) FOR SITE**	**36 days**	**Fri 9/11/07**	**Fri 28/12/07**	
59	Appoint Planning Consultant	0 days	Fri 9/11/07	Fri 9/11/07	
60	Prepare Site Remediation and Bulk Excavation PEA	15 days	Mon 12/11/07	Fri 30/11/07	59
61	Submit Site Remediation and Bulk Excavation PEA	0 days	Fri 30/11/07	Fri 30/11/07	60
62	DoP prepare DGR's	20 days	Mon 3/12/07	Fri 28/12/07	61
63	DoP issue DGR's	0 days	Fri 28/12/07	Fri 28/12/07	62
64					
65	**Surveys**	**64 days?**	**Mon 5/11/07**	**Thu 31/01/08**	
66	Stage 1 Dilapidation Survey	16 days?	Mon 19/11/07	Mon 10/12/07	
67	Stage 2 Dilapidation Survey	49 days?	Mon 26/11/07	Thu 31/01/08	
68	Services Survey	25 days?	Mon 5/11/07	Fri 7/12/07	
69	3D Services Model	15 days	Mon 10/12/07	Fri 28/12/07	68
70					
71	**SITE REMEDIATION INCLUDING TRANSITION WORKS**	**460 days**	**Mon 12/11/07**	**Fri 14/08/09**	
72					
73	**Approval to proceed**	**3 days**	**Mon 12/11/07**	**Wed 14/11/07**	
74	Finalise Recommendation Paper	0 days	Mon 12/11/07	Mon 12/11/07	
75	Frasers approval to proceed	0 days	Wed 14/11/07	Wed 14/11/07	74FS+3 days
76					
77	**Project Application**	**136 days**	**Wed 19/12/07**	**Wed 25/06/08**	
78	Prepare Draft Enviromental Assessment including Reports	15 days	Wed 19/12/07	Tue 8/01/08	55
79	Finalise Environmental Assessment	10 days	Wed 9/01/08	Wed 6/02/08	63,78
80	Submit Environmental Assessment	0 days	Wed 6/02/08	Wed 6/02/08	79
81	DG review and accept Environmental Assessment	10 days	Thu 7/02/08	Wed 20/02/08	80
82	Public Exhibition	20 days	Thu 21/02/08	Wed 19/03/08	81
83	Outside Party Submissions	10 days	Thu 20/03/08	Wed 2/04/08	82
84	Complete Preferred Project Report	10 days	Thu 3/04/08	Wed 16/04/08	83
85	DG Prepare Report to the Minister	30 days	Thu 17/04/08	Wed 28/05/08	84
86	Ministers Assessment	20 days	Thu 29/05/08	Wed 25/06/08	85
87	Ministers Approval	0 days	Wed 25/06/08	Wed 25/06/08	86
88					
89	**Detailed Design, Tender and Construction Certificate (CC)**	**125 days**	**Thu 7/02/08**	**Wed 30/07/08**	
90	Finalise Detailed Design, Tender and CC Documentation	110 days	Thu 7/02/08	Wed 9/07/08	87FF+5 days,80
91	CC Assessment	15 days	Thu 10/07/08	Wed 30/07/08	90
92	CC Approval	0 days	Wed 30/07/08	Wed 30/07/08	91
93					



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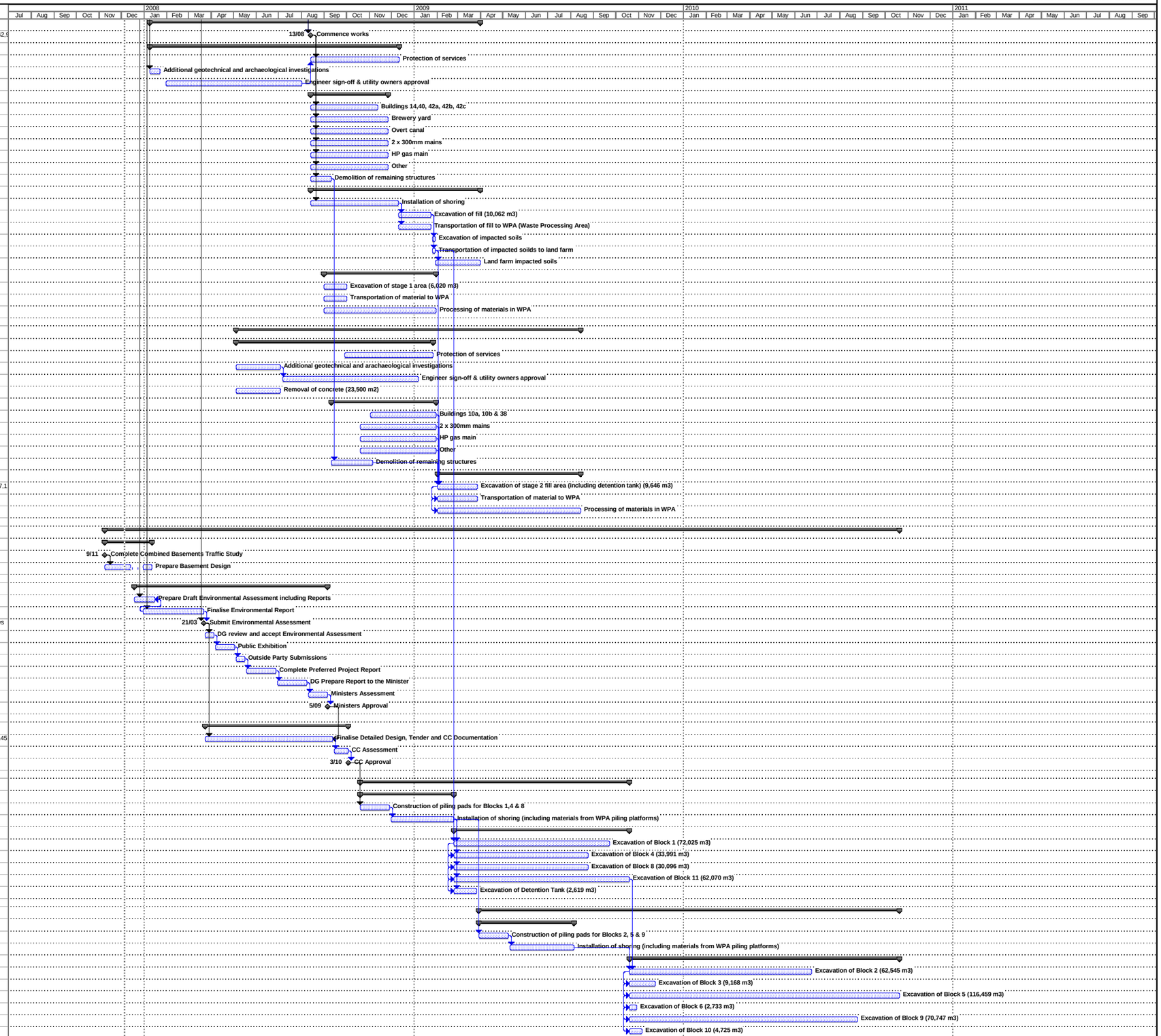
ID	Task Name	Duration	Start	Finish	Predecessors
94	**Stage 1 Works**	**320 days**	**Wed 9/01/08**	**Tue 31/03/09**	
95	Commence works	0 days	Wed 13/08/08	Wed 13/08/08	91FS+10 days,42,9
96	**Protection of Services & Heritage Buildings**	**242 days**	**Wed 9/01/08**	**Thu 11/12/08**	
97	Protection of services	86 days	Thu 14/08/08	Thu 11/12/08	95,99
98	Additional geotechnical and archaeological investigations	10 days	Wed 9/01/08	Tue 22/01/08	56FS+15 days
99	Engineer sign-off & utility owners approval	132 days	Thu 31/01/08	Fri 1/08/08	
100	**Installation of shoring around heritage buildings**	**75 days**	**Thu 14/08/08**	**Wed 26/11/08**	
101	Buildings 14,40, 42a, 42b, 42c	65 days	Thu 14/08/08	Wed 12/11/08	95
102	Brewery yard	75 days	Thu 14/08/08	Wed 26/11/08	95
103	Overt canal	75 days	Thu 14/08/08	Wed 26/11/08	95
104	2 x 300mm mains	75 days	Thu 14/08/08	Wed 26/11/08	95
105	HP gas main	75 days	Thu 14/08/08	Wed 26/11/08	95
106	Other	75 days	Thu 14/08/08	Wed 26/11/08	95
107	Demolition of remaining structures	20 days	Thu 14/08/08	Wed 10/09/08	95
108	**Retention Systems along Wellington St for Remediation of**	**164 days**	**Thu 14/08/08**	**Tue 31/03/09**	
109	Installation of shoring	85 days	Thu 14/08/08	Wed 10/12/08	95
110	Excavation of fill (10,062 m3)	32 days	Thu 11/12/08	Fri 23/01/09	109
111	Transportation of fill to WPA (Waste Processing Area)	32 days	Thu 11/12/08	Fri 23/01/09	109
112	Excavation of impacted soils	4 days	Mon 26/01/09	Thu 29/01/09	110
113	Transportation of impacted soilds to land farm	4 days	Mon 26/01/09	Thu 29/01/09	110
114	Land farm impacted soils	43 days	Fri 30/01/09	Tue 31/03/09	113
115	**Remediation of Fill Material**	**110 days**	**Mon 1/09/08**	**Fri 30/01/09**	
116	Excavation of stage 1 area (6,020 m3)	23 days	Mon 1/09/08	Wed 1/10/08	
117	Transportation of material to WPA	23 days	Mon 1/09/08	Wed 1/10/08	
118	Processing of materials in WPA	110 days	Mon 1/09/08	Fri 30/01/09	
119					
120	**Stage 2 Works**	**335 days**	**Mon 5/05/08**	**Fri 14/08/09**	
121	**Protection of Services & Heritage Buildings**	**191 days**	**Mon 5/05/08**	**Mon 26/01/09**	
122	Protection of services	86 days	Mon 29/09/08	Mon 26/01/09	
123	Additional geotechnical and arachaeological investigations	44 days	Mon 5/05/08	Thu 3/07/08	
124	Engineer sign-off & utility owners approval	132 days	Mon 7/07/08	Tue 6/01/09	123
125	Removal of concrete (23,500 m2)	44 days	Mon 5/05/08	Thu 3/07/08	
126	**Installation of shoring around heritage buildings**	**102 days**	**Thu 11/09/08**	**Fri 30/01/09**	
127	Buildings 10a, 10b & 38	65 days	Mon 3/11/08	Fri 30/01/09	
128	2 x 300mm mains	75 days	Mon 20/10/08	Fri 30/01/09	
129	HP gas main	75 days	Mon 20/10/08	Fri 30/01/09	
130	Other	75 days	Mon 20/10/08	Fri 30/01/09	
131	Demolition of remaining structures	40 days	Thu 11/09/08	Wed 5/11/08	107
132	**Remediation of Fill Material**	**140 days**	**Mon 2/02/09**	**Fri 14/08/09**	
133	Excavation of stage 2 fill area (including detention tank) (9,6	40 days	Mon 2/02/09	Fri 27/03/09	130,129,128,127,1
134	Transportation of material to WPA	40 days	Mon 2/02/09	Fri 27/03/09	133SS
135	Processing of materials in WPA	140 days	Mon 2/02/09	Fri 14/08/09	134SS
136					
137	**BULK EXCAVATION**	**769 days**	**Fri 9/11/07**	**Wed 20/10/10**	
138	**Combined Basement Design**	**46 days**	**Fri 9/11/07**	**Fri 11/01/08**	
139	Complete Combined Basements Traffic Study	0 days	Fri 9/11/07	Fri 9/11/07	
140	Prepare Basement Design	35 days	Fri 9/11/07	Fri 11/01/08	139
141					
142	**Project Application**	**188 days**	**Wed 19/12/07**	**Fri 5/09/08**	
143	Prepare Draft Environmental Assessment including Reports	20 days	Wed 19/12/07	Tue 15/01/08	144SF,55
144	Finalise Environmental Report	60 days	Mon 31/12/07	Fri 21/03/08	63
145	Submit Environmental Assessment	0 days	Fri 21/03/08	Fri 21/03/08	144,6FS+10 days
146	DG review and accept Environmental Assessment	10 days	Mon 24/03/08	Fri 4/04/08	145
147	Public Exhibition	20 days	Mon 7/04/08	Fri 2/05/08	146
148	Outside Party Submissions	10 days	Mon 5/05/08	Fri 16/05/08	147
149	Complete Preferred Project Report	30 days	Mon 19/05/08	Fri 27/06/08	148
150	DG Prepare Report to the Minister	30 days	Mon 30/06/08	Fri 8/08/08	149
151	Ministers Assessment	20 days	Mon 11/08/08	Fri 5/09/08	150
152	Ministers Approval	0 days	Fri 5/09/08	Fri 5/09/08	151
153					
154	**Detailed Design, Tender & CC**	**140 days**	**Mon 24/03/08**	**Fri 3/10/08**	
155	Finalise Detailed Design, Tender and CC Documentation	125 days	Mon 24/03/08	Fri 12/09/08	152FF+5 days,145
156	CC Assessment	15 days	Mon 15/09/08	Fri 3/10/08	155
157	CC Approval	0 days	Fri 3/10/08	Fri 3/10/08	156
158					
159	**Stage 1 Works**	**261 days**	**Mon 20/10/08**	**Mon 19/10/09**	
160	**Shoring of Building Footprints**	**91 days**	**Mon 20/10/08**	**Mon 23/02/09**	
161	Construction of piling pads for Blocks 1,4 & 8	30 days	Mon 20/10/08	Fri 28/11/08	157FS+10 days
162	Installation of shoring (including materials from WPA piling p	61 days	Mon 1/12/08	Mon 23/02/09	161
163	**Bulk Excavation (assume individual contracts for each bui**	**170 days**	**Tue 24/02/09**	**Mon 19/10/09**	
164	Excavation of Block 1 (72,025 m3)	151 days	Tue 24/02/09	Tue 22/09/09	162,113
165	Excavation of Block 4 (33,991 m3)	130 days	Tue 24/02/09	Mon 24/08/09	162,164SS
166	Excavation of Block 8 (30,096 m3)	130 days	Tue 24/02/09	Mon 24/08/09	162,165SS
167	Excavation of Block 11 (62,070 m3)	170 days	Tue 24/02/09	Mon 19/10/09	162,166SS
168	Excavation of Detention Tank (2,619 m3)	23 days	Tue 24/02/09	Thu 26/03/09	162,167SS
169					
170	**Stage 2 Works**	**408 days**	**Mon 30/03/09**	**Wed 20/10/10**	
171	**Shoring of Building Footprints**	**93 days**	**Mon 30/03/09**	**Wed 5/08/09**	
172	Construction of piling pads for Blocks 2, 5 & 9	30 days	Mon 30/03/09	Fri 8/05/09	162
173	Installation of shoring (including materials from WPA piling p	63 days	Mon 11/05/09	Wed 5/08/09	172
174	**Bulk Excavation (assume individual contracts for each bui**	**262 days**	**Tue 20/10/09**	**Wed 20/10/10**	
175	Excavation of Block 2 (62,545 m3)	177 days	Tue 20/10/09	Wed 23/06/10	173,167
176	Excavation of Block 3 (9,168 m3)	25 days	Tue 20/10/09	Mon 23/11/09	175SS
177	Excavation of Block 5 (116,459 m3)	262 days	Tue 20/10/09	Wed 20/10/10	176SS
178	Excavation of Block 6 (2,733 m3)	8 days	Tue 20/10/09	Thu 29/10/09	177SS
179	Excavation of Block 9 (70,747 m3)	221 days	Tue 20/10/09	Tue 24/08/10	178SS
180	Excavation of Block 10 (4,725 m3)	13 days	Tue 20/10/09	Thu 5/11/09	178SS