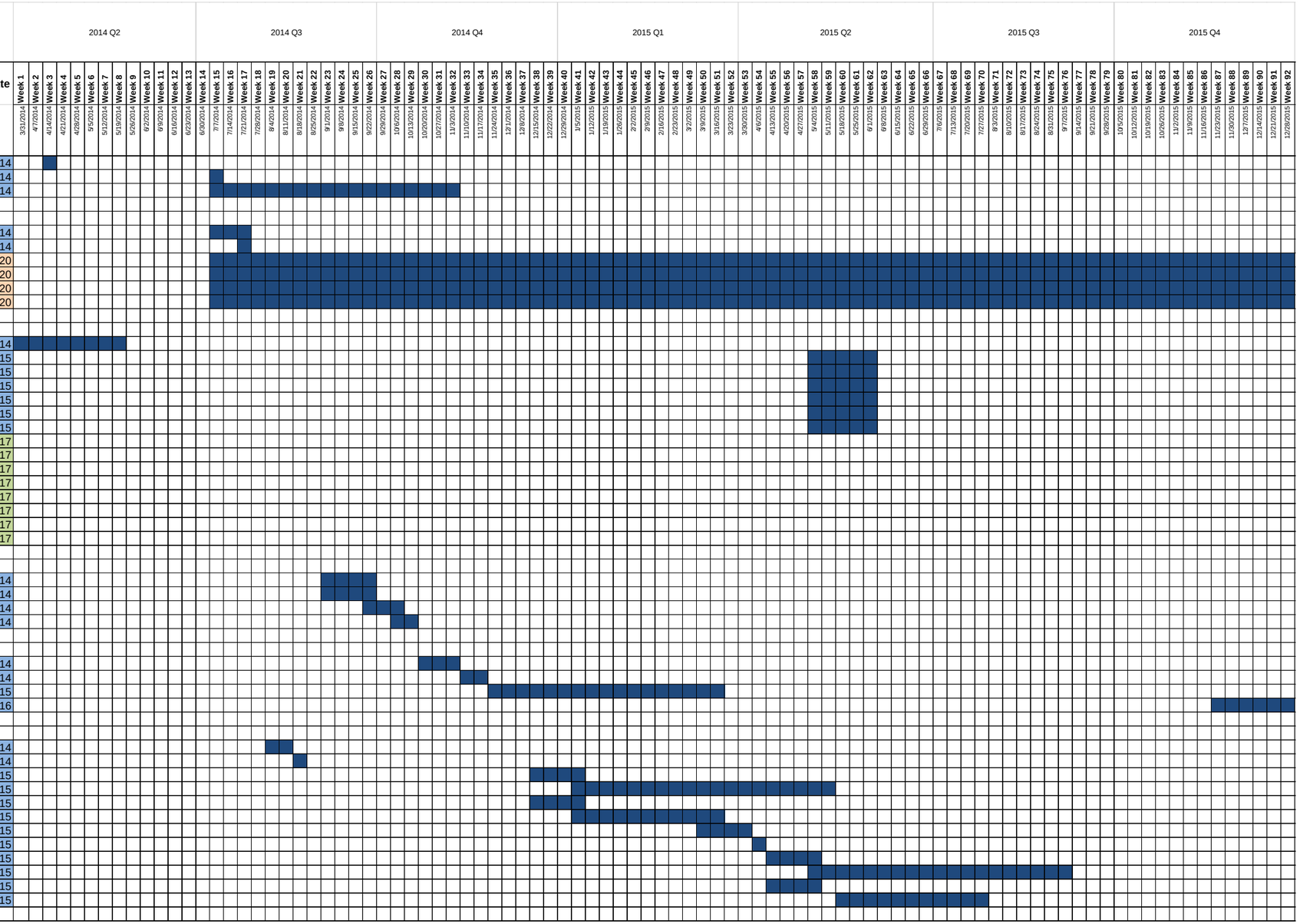
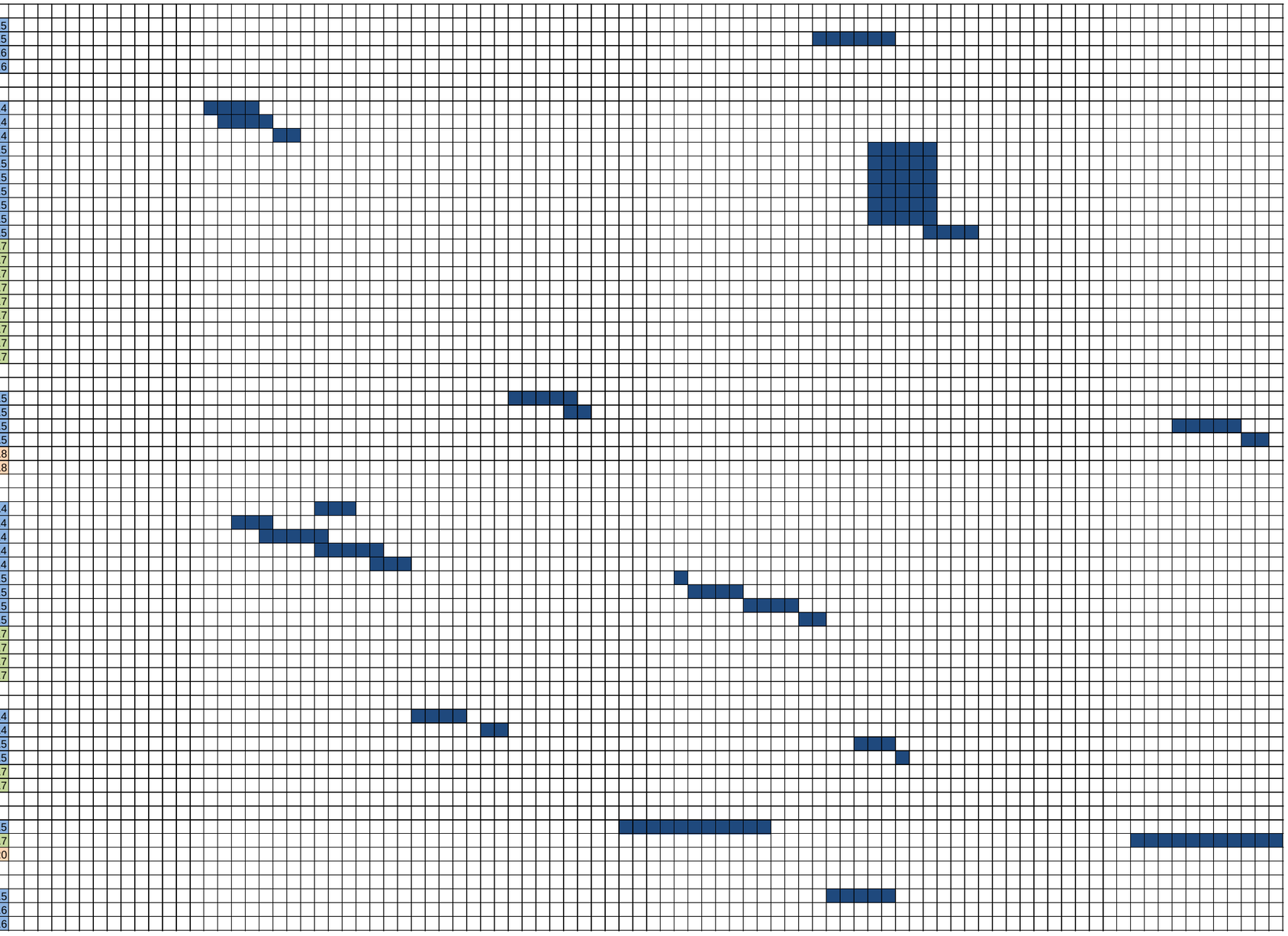
UBC Nieghbourhood District Energy System - Phase 1
DRAFT Design & Construction Schedule
KWL File 2867.012
2014/07/07 Rev 0

ID	Task Name	Duration (days)	Start Date	Finish Date
1	**UBC BOG Approval**	1	4/14/2014	4/14/2014
2	**BCUC Application**	1	7/10/2014	7/10/2014
3	**BCUC Approval**	123	7/10/2014	11/9/2014
4				
5	**Project Management**			
6	Project Initiation	15	7/7/2014	7/21/2014
7	Project Management Plan	1	7/21/2014	7/21/2014
8	Monthly Project Meetings (Corix, UBC, KWL)	2369	7/7/2014	12/31/2020
9	Weekly Teleconference	2369	7/7/2014	12/31/2020
10	Internal Coordination	2369	7/7/2014	12/31/2020
11	Reporting	2369	7/7/2014	12/31/2020
12				
13	**Building Peer Reviews**			
14	C03: Lot 32 (Prodigy)	51	4/2/2014	5/22/2014
15	C05: Lot 6	28	5/8/2015	6/4/2015
16	C05: Lot 13	28	5/8/2015	6/4/2015
17	C05: Lot 45 (Village Green)	28	5/8/2015	6/4/2015
18	C05: Lot 23	28	5/8/2015	6/4/2015
19	C05: Lot 29	28	5/8/2015	6/4/2015
20	C05: Village E	28	5/8/2015	6/4/2015
21	C07: Lot 8	28	5/7/2017	6/3/2017
22	C07: Lot 25	28	5/7/2017	6/3/2017
23	C07:11 W/35	28	5/7/2017	6/3/2017
24	C07: Lot 15	28	5/7/2017	6/3/2017
25	C07: 1W/41	28	5/7/2017	6/3/2017
26	C07: Lot 5	28	5/7/2017	6/3/2017
27	C07: Lot 27	28	5/7/2017	6/3/2017
28	C07: Lot 33	28	5/7/2017	6/3/2017
29				
30	**TEC East & West Design (C01)**			
31	TEC P&ID Design	21	9/1/2014	9/22/2014
32	TEC Specification Development	21	9/1/2014	9/22/2014
33	TEC Design & Specification Reviews	14	9/22/2014	10/6/2014
34	TEC Design & Specification Revisions	7	10/6/2014	10/13/2014
35				
36	**TEC Tendering & Fabrication (C01)**			
37	C01 TEC Tendering	21	10/18/2014	11/8/2014
38	C01 TEC Tender Evaluations	14	11/8/2014	11/22/2014
39	W-TEC Fabrication	120	11/22/2014	3/21/2015
40	E-TEC Fabrication	120	11/22/2015	3/20/2016
41				
42	**TEC East & West Site Design (C02) & Permitting**			
43	W-TEC Civil Site Plan (C02)	14	8/4/2014	8/17/2014
44	W-TEC Electrical Site Plan (C02)	7	8/17/2014	8/23/2014
45	W-TEC BCHydro Application	28	12/13/2014	1/9/2015
46	W-TEC BCHydro Design	126	1/9/2015	5/14/2015
47	W-TEC Fortis BC Application	28	12/13/2014	1/9/2015
48	W-TEC UBC Building Permit Application	70	1/6/2015	3/16/2015
49	E-TEC Civil Site Plan (C04)	14	3/8/2015	4/5/2015
50	E-TEC Electrical Site Plan (C04)	7	4/5/2015	4/11/2015
51	E-TEC BCHydro Application	28	4/11/2015	5/8/2015
52	E-TEC BCHydro Design	126	5/8/2015	9/10/2015
53	E-TEC Fortis BC Application	28	4/11/2015	5/8/2015
54	E-TEC UBC Building Permit Application	70	5/22/2015	7/30/2015
55				



56	**TEC East & West Installation & Commissioning (C02 & C04)**			
57	W-TEC Delivery	1	3/28/2015	3/28/2015
58	W-TEC Installation & Commissioning	33	5/14/2015	6/15/2015
59	E-TEC Delivery	1	3/27/2016	3/27/2016
60	E-TEC Installation & Commissioning	33	5/13/2016	6/14/2016
61				
62	**ETS Design (C03, C05, C07)**			
63	ETS Specification Development	28	2014/07/07	8/3/2014
64	Lot 32 Prodigy (C03)	28	7/14/2014	8/10/2014
65	C03 Design Review & Revisions	14	8/10/2014	8/23/2014
66	Lot 6 (C05)	30	6/11/2015	7/10/2015
67	Lot 13 (C05)	30	6/11/2015	7/10/2015
68	Lot 45 Village Green (C05)	30	6/11/2015	7/10/2015
69	Lot 23 (C05)	30	6/11/2015	7/10/2015
70	Lot 29 (C05)	30	6/11/2015	7/10/2015
71	Village E (C05)	30	6/11/2015	7/10/2015
72	C05 Design Review & Revisions	21	7/10/2015	7/30/2015
73	Lot 8 (C07)	30	7/1/2017	7/30/2017
74	Lot 25 (C07)	30	7/1/2017	7/30/2017
75	11 W/35 (C07)	30	7/1/2017	7/30/2017
76	Lot 15 (C07)	30	7/1/2017	7/30/2017
77	1W/41 (C07)	30	7/1/2017	7/30/2017
78	Lot 5 (C07)	30	7/1/2017	7/30/2017
79	Lot 27 (C07)	30	7/1/2017	7/30/2017
80	Lot 33 (C07)	30	7/1/2017	7/30/2017
81	C07 Design Review & Revisions	28	7/30/2017	8/26/2017
82				
83	**ETS Tendering (C03, C05, C07)**			
84	C03 ETS Tendering	35	12/6/2014	1/9/2015
85	C03 Tender Evaluations	7	1/9/2015	1/15/2015
86	C05 ETS Tendering	28	11/12/2015	12/9/2015
87	C05 Tender Evaluations	14	12/12/2015	12/25/2015
88	C07 ETS Tendering	28	12/9/2017	1/5/2018
89	C07 Tender Evaluations	14	1/5/2018	1/18/2018
90				
91	**DPS Design (C02, C04, C06)**			
92	DPS Specification Development	14	9/1/2014	9/15/2014
93	2 DPS (Phase 1.W.1 - 2015) Survey & Base Mapping	14	7/21/2014	8/4/2014
94	C02 DPS Plan & Profile Drawings 50%	28	8/4/2014	9/1/2014
95	C02 DPS Design Review & Permitting (UBC)	28	9/1/2014	9/29/2014
96	C02 DPS Plan & Profile Drawings 100%	14	9/29/2014	10/13/2014
97	C04 DPS (2016 & 2017) Survey & Base Mapping	7	3/1/2015	3/8/2015
98	C04 DPS Plan & Profile Drawings 50%	28	3/8/2015	4/5/2015
99	C04 DPS Design Review & Permitting (UBC)	28	4/5/2015	5/3/2015
100	C04 DPS Plan & Profile Drawings 100%	14	5/3/2015	5/17/2015
101	C06 DPS (2018 to 2020) Survey & Base Mapping	14	3/1/2017	3/15/2017
102	C06 DPS Plan & Profile Drawings 50%	28	3/15/2017	4/12/2017
103	C06 DPS Design Review & Permitting (UBC)	28	4/12/2017	5/10/2017
104	C06 DPS Plan & Profile Drawings 100%	14	5/10/2017	5/24/2017
105				
106	**DPS Tendering (C02, C04, C06)**			
107	C02 DPS Tendering	21	10/20/2014	11/10/2014
108	C02 Tender Evaluations	7	11/24/2014	12/1/2014
109	C04 DPS Tendering	21	5/31/2015	6/21/2015
110	C04 Tender Evaluations	7	6/21/2015	6/28/2015
111	C06 DPS Tendering	21	6/7/2017	6/28/2017
112	C06 Tender Evaluations	14	6/28/2017	7/12/2017
113				
114	**DPS Construction (C02, C04, C06)**			
115	C02 DPS & W TEC Site Construction	70	2/5/2015	4/15/2015
116	C04 DPS & E TEC Site Construction	504	10/18/2015	3/4/2017
117	C06 DPS Construction	1095	7/12/2017	7/10/2020
118				
119	**ETS Installation & Commissioning (C03, C05, C07)**			
120	C03: Lot 32 (Prodigy)	28	5/20/2015	6/16/2015
121	C05: Lot 6	28	5/20/2016	6/16/2016
122	C05: Lot 13	28	5/20/2016	6/16/2016