ID	Task Name	Duration	Start
1	**Three-story Office Building (76,000 square feet)**	**358 days**	**Thu 1/1/04**
2	**General Conditions**	**23 days**	**Thu 1/1/04**
3	Receive notice to proceed and sign contract	3 days	Thu 1/1/04
4	Submit bond and insurance documents	2 days	Mon 1/26/04
5	Prepare and submit project schedule	2 days	Wed 1/28/04
6	Prepare and submit schedule of values	2 days	Fri 1/30/04
7	Obtain building permits	4 days	Tue 1/6/04
8	Submit preliminary shop drawings	2 wks	Mon 1/12/04
9	Submit monthly requests for payment	1 day	Tue 1/6/04
10	**Long Lead Procurement**	**70 days**	**Wed 1/7/04**
11	Submit shop drawings and order long lead items - steel	2 wks	Wed 1/7/04
12	Submit shop drawings and order long lead items - roofing	2 wks	Mon 1/26/04
13	Submit shop drawings and order long lead items - elevator	2 wks	Mon 1/26/04
14	Submit shop drawings and order long lead items - plumbing	2 wks	Mon 1/26/04
15	Submit shop drawings and order long lead items - electric	2 wks	Mon 1/26/04
16	Submit shop drawings and order long lead items - HVAC	2 wks	Mon 1/26/04
17	Detail, fabricate, and deliver steel	12 wks	Wed 1/21/04
18	**Mobilize on Site**	**10 days**	**Tue 1/6/04**
19	Install temporary power	2 days	Tue 1/6/04
20	Install temporary water service	2 days	Tue 1/6/04
21	Set up site office	3 days	Thu 1/8/04
22	Set line and grade benchmarks	3 days	Tue 1/13/04
23	Prepare site - lay down yard and temporary fencing	2 days	Fri 1/16/04
24	**Site Grading and Utilities**	**35 days**	**Tue 1/20/04**
25	Clear and grub site	3 days	Tue 1/20/04
26	Stone site access and temporary parking area	2 days	Fri 1/23/04
27	Rough grade site (cut and fill)	1 wk	Tue 1/27/04
28	Install storm drainage	2 wks	Tue 2/3/04
29	Install exterior fire line and building fire riser	2 wks	Tue 2/3/04
30	Perform final site grading	2 wks	Tue 2/17/04
31	Erect building batter boards and layout building	1 wk	Tue 3/2/04
32	**Foundations**	**39 days**	**Tue 3/9/04**
33	Excavate foundations	2 wks	Tue 3/9/04
34	Excavate elevator pit	2 days	Tue 3/23/04
35	Form column piers and spread foundations	4 days	Tue 3/23/04
36	Rough-in electric and plumbing in elevator	4 days	Thu 3/25/04
37	Form elevator pit walls	4 days	Fri 4/2/04
38	Set reinforcing and anchor bolts	4 days	Mon 3/29/04
39	Pour column piers and foundations	5 days	Fri 4/2/04
40	Pour concrete elevator walls	1 day	Fri 4/9/04
41	Cure elevator wall concrete	7 days	Mon 4/12/04
42	Cure piers and foundations	7 days	Fri 4/9/04
43	Strip wall forms	1 day	Mon 4/26/04
44	Strip column piers and foundation forms	3 days	Wed 4/21/04
45	Install pneumatic tube in elevator pit	3 days	Tue 4/27/04
46	Prepare and pour concrete floor in elevator pit	1 day	Fri 4/30/04

Project: Commercial Construction
Date: Fri 1/26/18

Task		Inactive Milestone	
Critical Task		Inactive Milestone	
Milestone		Inactive Summary	
Summary		Manual Task	
Rolled Up Task		Duration-only	
Rolled Up Critical Task		Manual Summary Rollup	
Rolled Up Milestone		Manual Summary	
Rolled Up Progress		Start-only	
Split		Finish-only	
External Tasks		External Tasks	
Project Summary		External Milestone	
Group By Summary		Progress	
Inactive Task		Deadline	

ID		Task Name	Duration	Start	January
47		**Steel Erection**	**50 days**	**Mon 4/26/04**	
48		Erect steel columns, beams, and joist - 1st and 2nd floors	2 wks	Mon 4/26/04	
49		Erect steel columns, beams, and joist - 3rd floor and roof	2 wks	Mon 5/10/04	
50		Install miscellaneous iron and bracing - 1st and 2nd floors	2 wks	Mon 6/21/04	
51		Install miscellaneous iron and bracing - 3rd floor and roof	2 wks	Mon 5/24/04	
52		Install stairs and miscellaneous iron railing	2 wks	Mon 6/7/04	
53		Touch-up paint on steel	1 wk	Mon 6/21/04	
54		**Form and Pour Concrete - Floors and Roof**	**89 days**	**Mon 5/10/04**	
55		Form 2nd floor including all floor openings	5 days	Mon 6/28/04	
56		Install rebar and in-floor utilities (including mechanical, electrical, plumbing)	5 days	Mon 5/10/04	
57		Pour 2nd floor slab	4 days	Mon 7/5/04	
58		Cure 2nd floor slab	7 days	Fri 7/9/04	
59		Strip forms from 2nd floor slab	2 days	Tue 7/27/04	
60		Form 3rd floor including all floor openings	5 days	Tue 7/20/04	
61		Install rebar and in-floor utilities (including mechanical, electrical, plumbing)	5 days	Tue 7/20/04	
62		Pour 3rd floor slab	4 days	Tue 7/27/04	
63		Cure 3rd floor slab	7 days	Mon 8/2/04	
64		Strip forms from 3rd floor slab	2 days	Mon 9/6/04	
65		Form roof slab including all floor openings	5 days	Wed 8/11/04	
66		Install rebar and in-floor utilities (including mechanical, electrical, plumbing)	5 days	Wed 8/11/04	
67		Pour roof slab	4 days	Wed 8/18/04	
68		Cure roof slab	7 days	Tue 8/24/04	
69		Strip forms from roof slab	2 days	Thu 9/2/04	
70		Form 1st floor	4 days	Thu 7/29/04	
71		Install electrical underground	1 wk	Thu 7/29/04	
72		Install plumbing underground	1 wk	Thu 7/29/04	
73		Install rebar and in-floor utilities	4 days	Thu 8/5/04	
74		Pour 1st floor slab	4 days	Wed 8/11/04	
75		Cure 1st floor slab	7 days	Tue 8/17/04	
76		Strip forms from 1st floor slab	2 days	Wed 9/8/04	
77		**Carpentry Work**	**15 days**	**Wed 9/8/04**	
78		Install exterior sheathing and metal studs	3 wks	Wed 9/8/04	
79		**Masonry Work**	**93 days**	**Mon 7/5/04**	
80		Rough-in plumbing at toilets and masonry walls	4 wks	Fri 9/10/04	
81		Lay masonry at core, mechanical, and toilets	4 wks	Mon 7/5/04	
82		Install exterior masonry work	5 wks	Wed 9/29/04	
83		Install roof drains	2 days	Tue 11/9/04	
84		Install tile in toilet rooms	2 wks	Fri 10/8/04	
85		Clean masonry	1 wk	Wed 11/3/04	
86		Clean toilet room tile	1 wk	Fri 10/22/04	
87		**Roofing**	**33 days**	**Wed 11/3/04**	
88		Install flashing at parapet walls	4 days	Wed 11/3/04	
89		Pour lightweight concrete roof fill	2 days	Thu 11/11/04	
90		Install seamless roofing material	5 days	Mon 11/22/04	
91		Spread stone ballast on seamless roof	5 days	Mon 11/29/04	
92		Set rooftop equipment	2 wks	Mon 12/6/04	

Project: Commercial Construction
Date: Fri 1/26/18

Task		Inactive Milestone	
Critical Task		Inactive Milestone	
Milestone		Inactive Summary	
Summary		Manual Task	
Rolled Up Task		Duration-only	
Rolled Up Critical Task		Manual Summary Rollup	
Rolled Up Milestone		Manual Summary	
Rolled Up Progress		Start-only	
Split		Finish-only	
External Tasks		External Tasks	
Project Summary		External Milestone	
Group By Summary		Progress	
Inactive Task		Deadline	

ID		Task Name	Duration	Start	January
93		**Window Wall and Store Front Closures**	**75 days**	**Wed 11/3/04**	
94		Install window wall aluminum and glass	5 wks	Wed 11/3/04	
95		Install interior stud walls and drywall	5 wks	Wed 12/8/04	
96		Install interior doors and hardware	2 wks	Wed 2/2/05	
97		Install store front doors and hardware	3 wks	Wed 12/8/04	
98		**Building Finishes**	**90 days**	**Wed 12/8/04**	
99		Install millwork and wood trim	3 wks	Wed 1/12/05	
100		Paint walls and woodwork	4 wks	Wed 2/16/05	
101		Install conduit at ceiling plenum space	3 wks	Wed 12/8/04	
102		Install duct in ceiling plenum space	3 wks	Mon 1/24/05	
103		Install ceiling grid	2 wks	Mon 2/14/05	
104		Install ceiling tile	2 wks	Mon 2/28/05	
105		Hang wallpaper	2 wks	Wed 3/16/05	
106		Install building carpet	4 wks	Wed 3/16/05	
107		Install hardware and accessories	3 wks	Wed 3/16/05	
108		Complete interior and exterior sod and plantings	2 wks	Wed 3/16/05	
109		Pave, curb, and stripe parking lot	2 wks	Wed 3/30/05	
110		**Elevators**	**40 days**	**Mon 8/2/04**	
111		Set elevator equipment in shafts	4 wks	Mon 8/2/04	
112		Set equipment in mechanical room	2 wks	Mon 8/30/04	
113		Test and align doors and equipment	2 wks	Mon 9/13/04	
114		**Plumbing**	**100 days**	**Wed 11/10/04**	
115		Rough-in plumbing in drywall walls	4 wks	Wed 12/8/04	
116		Tie-in fire line riser and set valves	2 wks	Wed 11/10/04	
117		Set plumbing fixtures and trim	3 wks	Wed 1/5/05	
118		Flush, test, and clean piping and fixtures	2 wks	Wed 3/16/05	
119		**Electrical**	**140 days**	**Fri 9/10/04**	
120		Rough-in electrical in masonry walls	4 wks	Fri 9/10/04	
121		Rough-in electrical in drywall walls	4 wks	Wed 1/19/05	
122		Pull wire in conduit and set area transformers	3 wks	Wed 12/29/04	
123		Install and terminate electrical devices	3 wks	Wed 2/16/05	
124		Make electrical terminations for HVAC equipment	2 days	Wed 3/23/05	
125		Install light fixtures - test and clean	2 wks	Wed 3/9/05	
126		**Heating and Ventilating - AC**	**189 days**	**Mon 8/2/04**	
127		Set equipment in mechanical room	2 wks	Mon 8/2/04	
128		Rough-in mechanical in masonry walls	4 wks	Fri 9/10/04	
129		Rough-in mechanical in drywall walls	2 wks	Mon 1/10/05	
130		Install duct in building chase	3 wks	Mon 12/20/04	
131		Set HVAC trim and test and balance system	4 wks	Fri 3/25/05	
132		**Final Clean-up and Occupancy**	**70 days**	**Wed 1/12/05**	
133		Install hard tile flooring in common areas	1 wk	Wed 1/12/05	
134		Clean hard tile floors	4 days	Wed 1/19/05	
135		Remove debris from building and do final clean-up	4 days	Wed 4/13/05	
136		Substantial completion date	1 day	Tue 4/19/05	
137		**Complete Final Inspections**	**6 days**	**Tue 4/19/05**	
138		Complete elevator inspection and certification	3 days	Tue 4/19/05	

Project: Commercial Construction
Date: Fri 1/26/18

Task		Inactive Milestone	
Critical Task		Inactive Milestone	
Milestone		Inactive Summary	
Summary		Manual Task	
Rolled Up Task		Duration-only	
Rolled Up Critical Task		Manual Summary Rollup	
Rolled Up Milestone		Manual Summary	
Rolled Up Progress		Start-only	
Split		Finish-only	
External Tasks		External Tasks	
Project Summary		External Milestone	
Group By Summary		Progress	
Inactive Task		Deadline	

ID		Task Name	Duration	Start	January
139		Perform architect's inspection	1 day	Fri 4/22/05	
140		Perform local building agency inspection	1 day	Mon 4/25/05	
141		Perform fire marshal's inspection	1 day	Tue 4/26/05	
142		Complete punch list items from all inspections	2 wks	Wed 4/27/05	
143		Obtain certificate of occupancy	2 days	Wed 5/11/05	
144		Issue final completion documents including warranties	1 day	Fri 5/13/05	
145		Issue final request for payment	1 day	Mon 5/16/05	

Project: Commercial Construction
Date: Fri 1/26/18

Task		Inactive Milestone	
Critical Task		Inactive Milestone	
Milestone		Inactive Summary	
Summary		Manual Task	
Rolled Up Task		Duration-only	
Rolled Up Critical Task		Manual Summary Rollup	
Rolled Up Milestone		Manual Summary	
Rolled Up Progress		Start-only	
Split		Finish-only	
External Tasks		External Tasks	
Project Summary		External Milestone	
Group By Summary		Progress	
Inactive Task		Deadline	

Project: Commercial Construction
Date: Fri 1/26/18

Task		Inactive Milestone	
Critical Task		Inactive Milestone	
Milestone		Inactive Summary	
Summary		Manual Task	
Rolled Up Task		Duration-only	
Rolled Up Critical Task		Manual Summary Rollup	
Rolled Up Milestone		Manual Summary	
Rolled Up Progress		Start-only	
Split		Finish-only	
External Tasks		External Tasks	
Project Summary		External Milestone	
Group By Summary		Progress	
Inactive Task		Deadline	

Project: Commercial Construction
Date: Fri 1/26/18

Task		Inactive Milestone	
Critical Task		Inactive Milestone	
Milestone		Inactive Summary	
Summary		Manual Task	
Rolled Up Task		Duration-only	
Rolled Up Critical Task		Manual Summary Rollup	
Rolled Up Milestone		Manual Summary	
Rolled Up Progress		Start-only	
Split		Finish-only	
External Tasks		External Tasks	
Project Summary		External Milestone	
Group By Summary		Progress	
Inactive Task		Deadline	

Project: Commercial Construction
Date: Fri 1/26/18

Task		Inactive Milestone	
Critical Task		Inactive Milestone	
Milestone		Inactive Summary	
Summary		Manual Task	
Rolled Up Task		Duration-only	
Rolled Up Critical Task		Manual Summary Rollup	
Rolled Up Milestone		Manual Summary	
Rolled Up Progress		Start-only	
Split		Finish-only	
External Tasks		External Tasks	
Project Summary		External Milestone	
Group By Summary		Progress	
Inactive Task		Deadline	

February	March	April	May	June	July	August	September	October	November	D
nt[11%],G.C.	**labor crew[11%],Plumbing**		**contractor[11%],Electric**		**contractor[11%],**	**HVAC contractor[11%],Drywall contractor**			**[11%],Carpet c**	
									G.C. project n	

Project: Commercial Construction
Date: Fri 1/26/18

Task		Inactive Milestone	
Critical Task		Inactive Milestone	
Milestone		Inactive Summary	
Summary		Manual Task	
Rolled Up Task		Duration-only	
Rolled Up Critical Task		Manual Summary Rollup	
Rolled Up Milestone		Manual Summary	
Rolled Up Progress		Start-only	
Split		Finish-only	
External Tasks		External Tasks	
Project Summary		External Milestone	
Group By Summary		Progress	
Inactive Task		Deadline	

Project: Commercial Construction
Date: Fri 1/26/18

Task		Inactive Milestone	
Critical Task		Inactive Milestone	
Milestone		Inactive Summary	
Summary		Manual Task	
Rolled Up Task		Duration-only	
Rolled Up Critical Task		Manual Summary Rollup	
Rolled Up Milestone		Manual Summary	
Rolled Up Progress		Start-only	
Split		Finish-only	
External Tasks		External Tasks	
Project Summary		External Milestone	
Group By Summary		Progress	
Inactive Task		Deadline	

Project: Commercial Construction
Date: Fri 1/26/18

Task		Inactive Milestone	
Critical Task		Inactive Milestone	
Milestone		Inactive Summary	
Summary		Manual Task	
Rolled Up Task		Duration-only	
Rolled Up Critical Task		Manual Summary Rollup	
Rolled Up Milestone		Manual Summary	
Rolled Up Progress		Start-only	
Split		Finish-only	
External Tasks		External Tasks	
Project Summary		External Milestone	
Group By Summary		Progress	
Inactive Task		Deadline	

Project: Commercial Construction
Date: Fri 1/26/18

Task		Inactive Milestone	
Critical Task		Inactive Milestone	
Milestone		Inactive Summary	
Summary		Manual Task	
Rolled Up Task		Duration-only	
Rolled Up Critical Task		Manual Summary Rollup	
Rolled Up Milestone		Manual Summary	
Rolled Up Progress		Start-only	
Split		Finish-only	
External Tasks		External Tasks	
Project Summary		External Milestone	
Group By Summary		Progress	
Inactive Task		Deadline	

Project: Commercial Construction
Date: Fri 1/26/18

Task		Inactive Milestone	
Critical Task		Inactive Milestone	
Milestone		Inactive Summary	
Summary		Manual Task	
Rolled Up Task		Duration-only	
Rolled Up Critical Task		Manual Summary Rollup	
Rolled Up Milestone		Manual Summary	
Rolled Up Progress		Start-only	
Split		Finish-only	
External Tasks		External Tasks	
Project Summary		External Milestone	
Group By Summary		Progress	
Inactive Task		Deadline	