

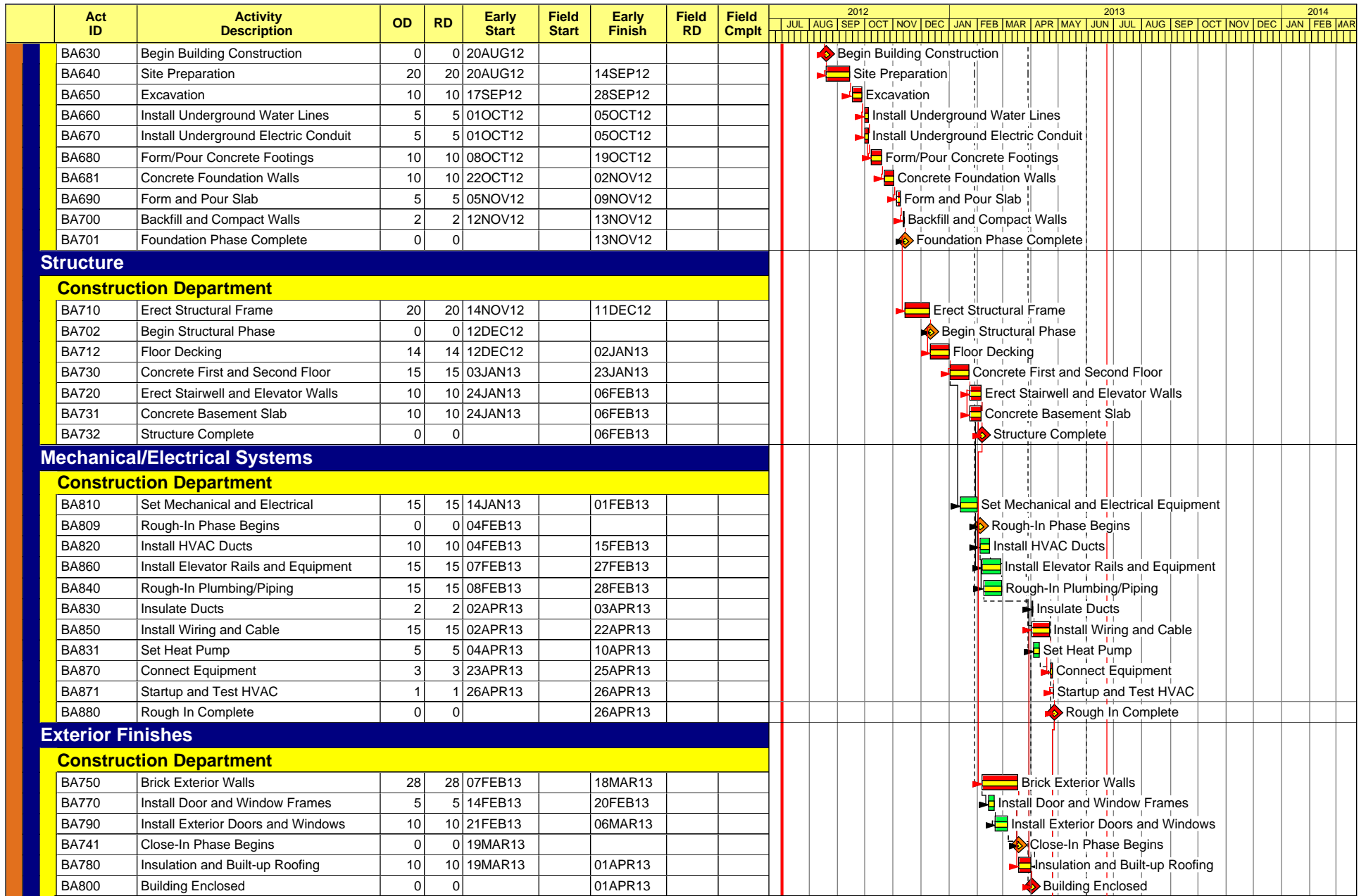
Act ID	Activity Description	OD	RD	Early Start	Field Start	Early Finish	Field RD	Field Cmpit	2012												2013												2014		
									JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR						
Plant Expansion and Modernization																																			
Automated System Design																																			
Engineering Department																																			
AS100	Define System Requirements	10	10	02JUL12		16JUL12			■	Define System Requirements																									
AS101	System Design	20	20	17JUL12		13AUG12			■	System Design																									
AS102	Approve System Design	10	10	14AUG12		27AUG12			■	Approve System Design																									
Temperature Control Equipment																																			
Engineering Department																																			
AS204	Prepare Drawings for Temp Control	10	10	31JUL12		13AUG12			■	Prepare Drawings for Temp Control Equipment																									
AS205	Review and Approve Temp Control	5	5	14AUG12		20AUG12			■	Review and Approve Temp Control Equipment																									
Purchasing Department																																			
AS200	Prepare and Solicit Bids for Temp	5	5	21AUG12		27AUG12			■	Prepare and Solicit Bids for Temp Control Equip																									
AS201	Review Bids for Temp Control	2	2	28AUG12		29AUG12			■	Review Bids for Temp Control Equipment																									
AS202	Award Contract for Temp Control	1	1	30AUG12		30AUG12			■	Award Contract for Temp Control Equipment																									
AS206	Fabricate & Deliver Temp Control	20	20	31AUG12		27SEP12			■	Fabricate & Deliver Temp Control Equipment																									
System Controller																																			
Engineering Department																																			
AS216	Prepare Drawings for System Controller	10	10	31JUL12		13AUG12			■	Prepare Drawings for System Controller																									
AS217	Review and Approve System Controller	10	10	14AUG12		27AUG12			■	Review and Approve System Controller																									
Purchasing Department																																			
AS213	Prepare and Solicit Bids for System	5	5	28AUG12		03SEP12			■	Prepare and Solicit Bids for System Controller																									
AS214	Review Bids for System Controller	4	4	04SEP12		07SEP12			■	Review Bids for System Controller																									
AS215	Award Contract for System Controller	1	1	10SEP12		10SEP12			■	Award Contract for System Controller																									
AS218	Fabricate and Deliver System Controller	60	60	11SEP12		03DEC12			■	Fabricate and Deliver System Controller																									
Hardware																																			
Information Systems Department																																			
AS310	Site Preparation	10	10	28AUG12		10SEP12			■	Site Preparation																									
AS103	Install Robot Base	18	18	11SEP12		04OCT12			■	Install Robot Base																									
AS104	Run Sealant, Air, and Water Piping	13	13	11SEP12		27SEP12			■	Run Sealant, Air, and Water Piping																									
AS240	Installation Begins	0	0	11SEP12					■	Installation Begins																									
AS315	Install Electrical Power	24	24	11SEP12		12OCT12			■	Install Electrical Power																									
AS105	Install Temperature Control Equipment	20	20	15OCT12		09NOV12			■	Install Temperature Control Equipment																									
AS106	Set & Connect Robots	18	18	12NOV12		05DEC12			■	Set & Connect Robots																									
AS107	Install System & Misc. Components	30	30	06DEC12		18JAN13			■	Install System & Misc. Components																									
AS108	Install System Controller	16	16	21JAN13		11FEB13			■	Install System Controller																									
AS109	Test & Debug Line A	24	24	21JAN13		21FEB13			■	Test & Debug Line A																									
AS110	Test & Debug Line B	24	24	21JAN13		21FEB13			■	Test & Debug Line B																									
AS270	Trim Robot Paths Line B	24	24	21JAN13		21FEB13			■	Trim Robot Paths Line B																									
AS250	Install Bar Rails	20	20	28JAN13		22FEB13			■	Install Bar Rails																									

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**Acme Motors
Plant Expansion and Modernization**



- Target bar
- Early bar
- Progress bar
- Critical bar
- Summary bar
- ▲ Progress point
- ▲ Critical point
- ▲ Summary point
- ◆ Start milestone point
- ◆ Finish milestone point



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									JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR						
Interior Finishes																																			
Construction Department																																			
BA890	Drywall in Offices	15	15	29APR13		17MAY13																													
BA913	Install Elevator Cab and Finishes	2	2	29APR13		30APR13																													
BA930	Paint Building Interior	15	15	08MAY13		28MAY13																													
BA899	Finishes Phase Begins	0	0	20MAY13																															
BA900	Install Ceiling Grid	15	15	20MAY13		07JUN13																													
BA901	Install Lighting Fixtures	3	3	30MAY13		03JUN13																													
BA902	Install AC Grills and Registers	5	5	30MAY13		05JUN13																													
BA910	Install Floor and Carpeting	5	5	10JUN13		14JUN13																													
BA911	Finish Carpentry and Millwork	5	5	17JUN13		21JUN13																													
BA912	Install Plumbing Fixtures	2	2	17JUN13		18JUN13																													
BA940	Touch-up and Clean-up	1	1	24JUN13		24JUN13																													
BA941	Test and Balance HVAC Equipment	1	1	25JUN13		25JUN13																													
BA950	Finishes Milestone	0	0			25JUN13																													
BA960	Punch List	2	2	26JUN13		27JUN13																													
BA970	Building Addition Complete	0	0			27JUN13																													
		395	395	02JUL12		13JAN14																													

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