

## CHAPTER 6

### UPDATING

#### Updating as the Work Progresses.

a. General. Although great benefit can result from planning a job by network analysis, even greater benefit can come from the use of NAS as the job progresses. Since the original activity time durations are only estimates, actual times involved in activity accomplishment will vary as the work progresses. This can be due to any of a number of causes which can and will arise and cannot always be foreseen. The initial plan can help get the job organized and scheduled, but as various activities actually take more or less time than originally estimated, control of the work is lost unless the network analysis is updated periodically. Updating the system is necessary to monitor progress, to evaluate impact of delays and changes, and to adjust planning so as to meet the required completion of the work. The principles of updating involve substitution of actual occurrences in lieu of previous estimates, revising the logic where necessary to reflect changes or to correct previous errors, and then making a new analysis. For example, updating activity information would include actual start and finish dates which have occurred, revised duration estimates for activities for which better information is available, and addition or deletion of activities or change of restraints occasioned by changes in the work. Updating analysis is normally done by computer. Accurate agreed upon input information is vital to a reliable update report.

b. Computer Updating. Input information for updating by computer involves accurate agreed upon information: actual start dates, actual finish dates, revised duration time estimates for appropriate activities, and logic changes if appropriate. For those activities started but not yet finished, some software programs require a percentage of completion and others a remaining duration. Most programs will use either. The particular requirements of the computer schedule software program being used should be understood before updating is undertaken. Notice that actual start and finish dates are indicated by the letter A in the Early Start or Finish column. This program indicates the update date at the beginning of each sort. In addition these printouts indicate such information as earliest and latest delivery dates of materials, dates subcontractors are needed on the job and early and late dates for Government approval actions. Computer programs differ in some respects but this program is fairly typical.

(1) Figure 6-1, is the schedule report with activity budgets. The actually completed activities with a dollar value and percentage of the value of actually started activities based on expired duration over total duration are entered in the earned column and summed to attain an earned payment of \$661,375.

(2) Figure 6-2, the early start sort indicates the activities which can start during the remainder of October, November, and December 1994. The large number of activities indicating 28 October 1994 early start (data day 120) represent activities which could have started earlier but apparently did not. This program restricts early starts to the date of the update or later unless an actual start is entered. Similarly the early finish sort, Figure 6-3 shows what can finish in the same period.

(3) Figure 6-4, the Government Responsibility Report shows the status of such activities with all but five done.

(4) Figure 6-5 is a late finish sort. These activities are those which must finish in the remainder of October, November, and December 1994. Figure 6-6, the late start sort shows activities which must start in the same period.

(5) Figure 6-7, the Mechanical/Electrical Responsibility Report, shows progress on the subcontractor's activities and the amount he or she has earned, \$210,600.

(6) Figure 6-8 is the Predecessor/Successor Report listing activities which are not yet completed. Note there are some added activities due to changes since the original schedule.

(7) Figure 6-9, the total float sort. Note as of 28 October 1994 the project completion has slipped from 14 to 21 August 1995. Note that this projection appears in the early finish column for activity 174 but that the late finish has been locked at 14 August 1995 generating a -7 float on the most critical path. If the projected completion is earlier than 14 August 1995 a positive value of critical path float would show. The negative float reveals that seven days must be regained in accomplishing activities remaining on the critical path if the completion of 14 August 1995 is to be realized. In addition, a parallel path of -4 days total float must also be regained. It is evident how easily an updated NAS reveals where and why a project is behind schedule and directs the manager's attention to what must be done to regain schedule. If the update reveal that the cause of the project being behind is excusable, the appropriate action may be to extend the contract completion date accordingly.

Oygreen Construction Company

## PRIMAVERA PROJECT PLAN

DA DISPENSARY, LACKLAND AFB, TEXAS

REPORT DATE 13JAN95 RUN NO. 271  
13:20  
SCHEDULE REPORT WITH ACTIVITY BUDGETS

## PRIMAVERA PROJECT PLANNER PRECEDENCE REPORT

START DATE 1JUL94 FIN DATE 16AUG95\*  
DATA DATE 28OCT94 PAGE NO. 1

ACTIVITY ID	ORIG DUR	REM DUR	X	ACTIVITY DESCRIPTION	BUDGET	EARNEED	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
1	1	0	100	NOTICE TO PROCEED	.00	.00	1JUL94A	1JUL94A			
2	7	0	100	MOBILIZE & LAYOUT	10000.00	10000.00	4JUL94A	12JUL94A			
3	30	0	100	SUBMIT & APPROVE MECH/ELEC R.F.	.00	.00	5JUL94A	6AUG94A			
4	20	0	100	SUBMIT SHOP DRAWINGS PAN FORMS	.00	.00	10JUL94A	30JUL94A			
5	20	0	100	SUBMIT SHOP DRAWINGS METAL DOORS	.00	.00	21JUL94A	9AUG94A			
6	30	0	100	SUBMIT SHOP DRAWINGS STRUCT. STL. & JOISTS	.00	.00	9JUL94A	7AUG94A			
7	29	0	100	SUBMIT LISTS & SAMPLES BUILDERS HARDWARE	.00	.00	15AUG94A	18OCT94A			
8	43	0	100	SUBMIT SHOP DRUGS. ALUM. ENTR	.00	.00	2JUL94A	30JUL94A			
9	43	0	100	SUBMIT LATH & PLASTER	.00	.00	4AUG94A	18SEP94A			
10	43	0	100	SUBMIT CERAMIC TILE	.00	.00	23JUL94A	8SEP94A			
11	43	0	100	SUBMIT TOILET PARTITIONS & ACC	.00	.00	30JUL94A	8SEP94A			
12	30	0	100	SUBMIT PLUMBING FIXTURES & MEC	.00	.00	9JUL94A	7AUG94A			
13	30	0	100	SUBMIT ELECTRIC FIXTURES & EQUIP.	.00	.00	2JUL94A	28JUL94A			
14	35	0	100	SUBMIT & APPROVE SHOP DRUG. MISC. METAL	.00	.00	30JUL94A	3SEP94A			
15	35	0	100	SUBMIT & APPROVE SHOP DRUG. REINF. STEEL	.00	.00	2JUL94A	26JUL94A			
16	43	0	100	SUBMIT & APPROVE ROOF DECK SHD	.00	.00	6JUL94A	20AUG94A			
17	28	0	100	SUBMIT ROOF & SHEET MET SHD SHOP DRAW	.00	.00	11AUG94A	10SEP94A			
18	30	0	100	SUBMIT X-RAY PROTECTION	.00	.00	16AUG94A	13SEP94A			
19	39	0	100	SUBMIT & APPROVE DOOR CANOPIES	.00	.00	26JUL94A	8SEP94A			
20	23	0	100	SUBMIT PAINT SAMPLES	.00	.00	19AUG94A	18SEP94A			
21	35	0	100	SUBMIT VINYL WALL COVERING	.00	.00	4AUG94A	3SEP94A			
22	30	0	100	SUBMIT SHOP DRAWINGS MILLWORK	.00	.00	12JUL94A	11AUG94A			
23	18	0	100	SUBMIT RESILIENT FLOOR SAMPLES	.00	.00	21AUG94A	20SEP94A			
24	20	0	100	SUBMIT SHOP DRAWINGS CASEWORK	.00	.00	16AUG94A	28SEP94A			

Figure 6-1

REPORT DATE 15JUN95 RUM NO. 271

13:20

## PRIMAVERA PROJECT PLANNER PRECEDENCE REPORT

START DATE 1JUL94 FIN DATE 14AUG95\*

## SCHEDULE REPORT WITH ACTIVITY BUDGETS

DATA DATE 28OCT94 PAGE NO. 2

EP  
415-1-4  
31 Oct 97

ACTIVITY ID	ORIG DUR	REM DUR	%	ACTIVITY DESCRIPTION	BUDGET	EARNSD	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
23	44	0	100	SUBMIT HOSPITAL & MISC. EQUIPMENT	.00	.00	26JUL94A	8SEP94A			
26	34	0	100	SUBMIT MISC. BUILDING EQUIPMENT	.00	.00	31JUL94A	3SEP94A			
27	15	0	100	CONCRETE DESIGN MIX	.00	.00	6JUL94A	21JUL94A			
28	29	20	31	PRE-QUALITY WELDERS	.00	.00	20AUG94A	16NOV94	29DEC94	43	
29	45	0	100	SUBMIT & APPROVE SHP DRUG OS E	.00	.00	6JUL94A	21AUG94A			
30	14	0	100	ROUGH GRADE & EXCAVATE BUILDING	20000.00	20000.00	16JUL94A	30JUL94A			
31	32	0	100	DEMOLITION & SITE GRADING	50000.00	50000.00	18JUL94A	19AUG94A			
32	43	0	100	SUBMIT & APPROVE MASONRY MATERIAL	.00	.00	12JUL94A	26AUG94A			
33	32	0	100	SUBMIT SHOP DRAWINGS METAL WINDOWS	.00	.00	17AUG94A	19SEP94A			
34	15	0	100	DELIVER MECHANICAL & ELECTRICAL RI. MAT.	65000.00	65000.00	5AUG94A	14AUG94A			
35	15	0	100	GOVERNMENT APPROVE PAN FORMS	.00	.00	4AUG94A	19AUG94A			
36	15	0	100	GOVERNMENT APPROVE METAL DOOR	.00	.00	10AUG94A	21AUG94A			
37	20	0	100	GOVERNMENT APPROVE STRUCT. SITE	.00	.00	8AUG94A	25AUG94A			
38	80	16	80	DELIVER MASONRY MATERIALS	47500.00	38000.00	26AUG94A	12NOV94	22JAN95	71	
39	20	0	100	GOVERNMENT APPROVE METAL WINDOWS	.00	.00	20SEP94A	4OCT94A			
40	30	21	30	GOVERNMENT APPROVE BUILDER'S H	.00	.00	19OCT94A	17NOV94	10NOV94	-7	
41	20	0	100	GOVERNMENT APP. ALUM. ENTRANCE	.00	.00	31JUL94A	16AUG94A			
42	15	0	100	GOVERNMENT APPROVE LATH & PLAS	.00	.00	19SEP94A	3OCT94A			
43	30	0	100	GOVERNMENT APPROVE CERAMIC TIL	.00	.00	9SEP94A	3OCT94A			
44	20	0	100	GOVERNMENT APPROVE TOILET PART	.00	.00	10SEP94A	10OCT94A			
45	30	0	100	GOVT. APPROVE PLUMB. FIXTURES	.00	.00	7AUG94A	4SEP94A			
46	30	0	100	GOVERNMENT APPROVE ELEC. FIXTURES & EQUIP.	.00	.00	29JUL94A	27AUG94A			
47	45	0	100	FABRICATE & DELIVER MISC. METALS	17500.00	17500.00	8SEP94A	23OCT94A			
48	15	0	100	DELIVER REINFORCING STEEL	45000.00	45000.00	27JUL94A	14AUG94A			

Figure 6-1 Cont.

O. Ben Construction Company

REPORT DATE 13JAN95 RUN NO. 271  
13:20  
SCHEDULE REPORT WITH ACTIVITY BUDGETS

## PRIMAVERA PROJECT PLANNER

## PRIMAVERA PROJECT PLANNER PRECEDENCE REPORT

DA DISPENSARY, LACKLAND AFB, TEXAS

START DATE 1JUL94 FIN DATE 16AUG95  
DATA DATE 28OCT94 PAGE NO. 3

ACTIVITY ID	ORIG REM DUR	REM DUR	%	ACTIVITY DESCRIPTION	BUDGET	EARNSD	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
49	83	17	80	DELIVER ROOF DECK MATERIALS	.00	.00	21AUG94A	13NOV94			8JAN95 96
50	15	0	100	GOVERNMENT APPROVE ROOF & SHEE	.00	.00	11SEP94A	28SEP94A			
51	20	0	100	GOVERNMENT APPROVE X-RAY PROTE	.00	.00	14SEP94A	30CT94A			
52	73	73	0	DELIVER DOOR CANOPIES & SIGNS	10000.00	.00	28OCT94	10JAN95	10MAY95	23JUL95	196
53	30	0	100	GOVERNMENT TEST & DISAPPROVE PAINT	.00	.00	19SEP94A	18OCT94A			
54	30	0	100	GOVERNMENT APPROVE COLOR SAMPL. VINYL WALL	.00	.00	4SEP94A	18SEP94A			
55	20	0	100	GOVERNMENT APPROVE MILLWORK	.00	.00	12AU894A	25AU894A			
56	30	0	100	GOVERNMENT APPROVE & COLOR SEL	.00	.00	21SEP94A	13OCT94A			
57	30	0	100	GOVERNMENT APPROVE CASEWORK	.00	.00	29SEP94A	26OCT94A			
58	30	30	0	GOVERNMENT APPROVE HOSPITAL &	.00	.00	23NOV94	22DEC94	1DEC94	30DEC94	8
59	20	0	100	GOVERNMENT APPROVE MISC. BUILD	.00	.00	4SEP94A	28SEP94A			
60	15	5	67	RESUBMIT PAINT SAMPLES	.00	.00	18OCT94A	1NOV94			17FEB95 108
61	30	30	0	GOVT. RETEST & APPROVE PAINT SAMPLES	.00	.00	2NOV94	1DEC94	18FEB95	19MAR95	108
62	10	0	100	ROUGH IN UNDER BASEMENT	10000.00	10000.00	15AU694A	26AU694A			
63	45	0	100	DELIVER PAN FORMS	.00	.00	21AUG94A	10OCT94A			
64	90	27	70	FABRICATE & DELIVER METAL DOORS	.00	.00	26AU694A	23NOV94			24DEC94 31
65	45	0	100	FABRICATE & DELIVER STEEL COLUMNS	10000.00	7000.00	29AU694A	14OCT94A			
66	90	28	69	FABRICATE & DELIVER STRUCT. STEEL	7500.00	7500.00	27AU694A	24NOV94			29DEC94 35
67	2	2	0	SAMPLE MASONRY PANEL	95000.00	65495.00	13NOV94	14NOV94	23JAN95	24JAN95	71
68	90	90	0	FABRICATE & DELIVER METAL WINDOWS	.00	.00	28OCT94	25JAN95	30OCT94	27JAN95	2
69	120	120	0	DELIVER BUILDER'S HARDWARE	10000.00	.00	18NOV94	17MAR95	11NOV94	10MAR95	-7
70	90	15	83	FABRICATE & DELIVER ALUM. ENTRANCE	45000.00	.00	14AU694A	11NOV94			10MAR95 119
71	30	30	0	DELIVER LATH & PLASTER MATERIALS	22500.00	18742.50	28OCT94	26NOV94	23FEB95	24MAR95	118
72	45	45	0	DELIVER CERAMIC TILE MATERIAL	.00	.00	28OCT94	11DEC94	26FEB95	11APR95	121
					45000.00						

Figure 6-1 Cont.

REPORT DATE 13JAN95 RUN NO. 271  
13:20

SCHEDULE REPORT WITH ACTIVITY BUDGETS

PRIMAVERA PROJECT PLANNER PRECEDENCE REPORT

START DATE 1JUL94 FIN DATE 14AUG95\*

DATA DATE 28OCT94 PAGE NO. 4

ACTIVITY ID	ORIG DUR	REM DUR	%	ACTIVITY DESCRIPTION	BUDGET	EARNEED	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
73	90	90	0	DELIVER TOILET PARTITIONS & ACCESSORIES	20000.00	.00	28OCT94	25JAN95	18APR95	16JUL95	172
74	150	105	30	DELIVER PLUMB. FIXTURES & MECH. EQUIP.	215000.00	64500.00	13SEP94A	9FEB95		17MAY95	97
75	120	60	50	DELIVER ELECTRICAL FIXTURES & EQUIPMENT	115000.00	37500.00	29NOV94A	26DEC94		14JUN95	170
76	60	60	0	FABRICATE & DELIVER SHEETMETAL ROOF	.00	.00	28OCT94	26DEC94	22NOV94	20JAN95	25
77	75	75	0	DELIVER PROTECTION MATERIALS	17500.00	.00	28OCT94	10JAN95	12DEC94	24FEB95	43
78	45	45	0	DELIVER PAINT MATERIALS	.00	.00	2DEC94	15JAN95	20MAR95	5MAY95	108
79	60	60	0	DELIVER VINYL WALL COVERING	7500.00	.00	28OCT94	26DEC94	21MAY95	19JUL95	205
80	120	57	33	FABRICATE & DELIVER MILLWORK	30000.00	15750.00	26NOV94A	23DEC94		12JUN95	171
81	45	30	33	DELIVER RESILIENT FLOOR MATERIALS	17500.00	5827.50	13OCT94A	26NOV94		7JUN95	193
82	150	150	0	DELIVER CASEWORK	80000.00	.00	28OCT94	26MAR95	10FEB95	9JUL95	105
83	180	180	0	DELIVER HOSPITAL & MISC. EQUIPMENT	115000.00	.00	23DEC94	20JUN95	31DEC94	28JUN95	8
84	90	90	0	DELIVER MISC. BUILDING EQUIPMENT	30000.00	.00	28OCT94	25JAN95	21APR95	19JUL95	173
85	16	0	100	FOOTINGS & PLINTHS	22500.00	22500.00	15AUG94A	28AUG94A			
86	30	0	100	GRADEBEAMS	50000.00	50000.00	29SEP94A	8OCT94A			
87	14	0	100	BASEMENT FOUNDATION SLABS & BEAMS	15000.00	15000.00	27AUG94A	11SEP94A			
88	21	0	100	BASEMENT WALLS	22500.00	22500.00	12SEP94A	20CT94A			
89	5	0	100	DAMPROOFING	7500.00	7500.00	3OCT94A	6OCT94A			
91	10	0	100	BACKFILL & GRADE UNDER BUILDING	22500.00	22500.00	9OCT94A	20OCT94A			
92	10	10	0	BASEMENT STEPS & LANDINGS	4500.00	.00	28OCT94	6NOV94	15JAN95	24JAN95	79
93	20	12	40	30% UNDERFLOOR MECH. & ELEC. R	59000.00	23600.00	20OCT94A	8NOV94		4NOV94	-4
94	50	50	0	FORM, PLACE, & CURE PAN SLABS & BEAMS	87500.00	.00	9NOV94	28DEC94	5NOV94	24DEC94	-4
95	50	50	0	70% UNDERFLOOR MECH. & ELEC. R	135000.00	.00	9NOV94	28DEC94	5NOV94	24DEC94	-4
97	18	18	0	CONCRETE TOPPING FILL	27500.00	.00	29DEC94	19JAN95	7FEB95	24FEB95	60
98	63	63	0	ELECTRICAL ROUGH IN	100000.00	.00	29DEC94	1MAR95	4FEB95	7APR95	37

Figure 6-1 Cont.

Moygreen Construction Company

REPORT DATE 13JAN95 RUN NO. 271  
13:20

SCHEDULE REPORT WITH ACTIVITY BUDGETS

## PRIMAVERA PROJECT PLANNER

## PRIMAVERA PROJECT PLANNER PRECEDENCE REPORT

DA DISPENSARY, LACKLAND AFB, TEXAS

START DATE 1JUL94 FIN DATE 14AUG95\*

DATA DATE 20OCT94 PAGE NO. 5

ACTIVITY ID	ORIG DUR	REM DUR	%	ACTIVITY DESCRIPTION	BUDGET	EARNEED	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
99	70	70	0	MECHANICAL & PLUMBING ROUGH IN	105000.00	.00	29DEC94	30MAR95	28JAN95	7APR95	30
100	5	5	0	ERECT STEEL COLUMNS & METAL DUCKS	5000.00	.00	29DEC94	2JAN95	25DEC94	29DEC94	-4
102	10	10	0	ERECT STRUCTURAL STEEL & JOISTS	17500.00	.00	3JAN95	12JAN95	30DEC94	BJAN95	-4
103	27	27	0	EXTERIOR MASONRY WALLS	47500.00	.00	3JAN95	29JAN95	25JAN95	20FEB95	22
108	14	14	0	INSTALL METAL DOORS & ALUMINUM ENTRANCE	10000.00	.00	10MAR95	31MAR95	11MAR95	24MAR95	-7
109	12	12	0	INSTALL ROOF DECK	47500.00	.00	13JAN95	24JAN95	9JAN95	20JAN95	-4
110	21	21	0	ROOFING & SHEET METAL	80000.00	.00	25JAN95	14FEB95	21JAN95	10FEB95	-4
111	14	14	0	INSTALL METAL WINDOWS	2500.00	.00	26JAN95	8FEB95	28JAN95	10FEB95	2
113	56	56	0	AIRCONDITIONING DUCTWORK	115000.00	.00	15FEB95	11APR95	11FEB95	7APR95	-4
114	42	42	0	INTERIOR PARTITIONS	85000.00	.00	15FEB95	28MAR95	25FEB95	7APR95	10
116	14	14	0	STUCCO	10000.00	.00	1APR95	14APR95	25MAR95	7APR95	-7
120	14	14	0	CEILING SUSPENSION SYSTEM & INSULATION	27500.00	.00	15APR95	28APR95	8APR95	21APR95	-7
121	14	14	0	PLASTER WALLS	9000.00	.00	15APR95	28APR95	20APR95	3MAY95	5
122	22	22	0	CERAMIC TILE	22500.00	.00	15APR95	6MAY95	12APR95	3MAY95	-3
124	35	35	0	ACOUSTIC & OTHER CEILINGS	35000.00	.00	29APR95	2JUN95	27APR95	31MAY95	-2
125	12	12	0	PLASTER CEILINGS	4000.00	.00	29APR95	10MAY95	22APR95	3MAY95	-7
128	17	17	0	TOILET PARTITIONS & ACCESSORIES	3500.00	.00	7MAY95	23MAY95	17JUL95	2AUG95	71
130	28	28	0	30% PAINT & FINISH	19500.00	.00	11MAY95	7JUN95	4MAY95	31MAY95	-7
133	70	70	0	INSTALL MECHANICAL EQUIPMENT	25000.00	.00	11MAY95	19JUL95	18MAY95	26JUL95	7
139	45	45	0	50% COMPLETE PAINT & FINISH	32500.00	.00	8JUN95	22JUL95	1JUN95	15JUL95	-7
140	42	42	0	INSTALL ELECTRICAL FIXTURES & EQUIPMENT	15000.00	.00	8JUN95	19JUL95	15JUN95	26JUL95	7
141	30	30	0	INSTALL PLUMBING FIXTURES & EQUIPMENT	12500.00	.00	8JUN95	7JUL95	27JUN95	26JUL95	19
142	14	14	0	VINYL WALL COVER	5000.00	.00	8JUN95	21JUN95	20JUL95	2AUG95	42
143	16	16	0	INSTALL 50% MILLWORK	7500.00	.00	8JUN95	23JUN95	13JUN95	28JUN95	5

Figure 6-1 Cont.

31 Oct 97

ACTIVITY ID	ORIG REN DUR	DUR	%	ACTIVITY DESCRIPTION BUDGET	EARNSD	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT	
144	21	21	0	INSTALL RESILIENT FLOORS	7500.00	.00	8JUN95	28JUN95	8JUN95	28JUN95	0
146	16	16	0	COMPLETE MILLWORK	7500.00	.00	24JUN95	9JUL95	30JUN95	15JUL95	6
150	3	3	0	GOVERNMENT TEST X-RAY PROTECTION	.00	.00	29JUN95	1JUL95	31JUL95	2AUG95	32
151	24	24	0	INSTALL CASEWORK	15000.00	.00	29JUN95	22JUL95	10JUL95	2AUG95	11
152	33	33	0	INSTALL HOSPITAL & MISCELLANEOUS EQUIPMENT	20000.00	.00	29JUN95	2AU95	29JUN95	2AU95	0
153	14	14	0	INSTALL MISCELLANEOUS BUILDING EQUIPMENT	4000.00	.00	29JUN95	12JUL95	20JUL95	2AU95	21
154	10	10	0	INSTALL DOOR CANOPIES & SIGNS	2500.00	.00	30JAN95	8FEB95	24JUL95	2AU95	175
155	18	18	0	20% PAINT & FINISH	13000.00	.00	23JUL95	9AUG95	16JUL95	2AU95	-7
156	7	7	0	CLEAN UP BUILDING	5000.00	.00	10AUG95	16AU95	3AUG95	9AUG95	-7
157	45	0	100	DELIVER OUTSIDE ELEC. & PLUMBING MAT.	.00	.00	23AUG94A	23SEP94A			
160	60	60	0	DELIVER & INSTALL STORM DRAINA	50000.00	.00	28OCT94	26DEC94	3MAY95	1MAY95	126
161	45	45	0	OUTSIDE PLUMBING	35000.00	.00	28OCT94	11DEC94	18MAY95	1MAY95	141
162	90	90	0	OUTSIDE ELECTRICAL	120000.00	.00	28OCT94	23JAN95	1FEB95	1MAY95	96
167	42	42	0	SUBGRADE & BASE FOR PAVING	67300.00	.00	26JAN95	2MAY95	2MAY95	12JUN95	96
168	21	21	0	CURB & GUTTER	20000.00	.00	5MAY95	29MAY95	13JUN95	3JUL95	96
169	21	21	0	SIDEWALKS	20000.00	.00	30MAY95	19APR95	4JUL95	24JUL95	96
170	10	10	0	ASPHALT PAVING	32500.00	.00	30MAY95	8APR95	15JUL95	24JUL95	107
172	16	16	0	TOPSOIL & FINE GRADING	10000.00	.00	20APR95	5MAY95	25JUL95	9AUG95	96
173	14	14	0	TEST MECHANICAL & ELECTRICAL EQUIPMENT	15000.00	.00	20JUL95	2AU95	27JUL95	9AUG95	7
174	5	5	0	SELL JOB	5000.00	.00	17AUG95	21AU95	10AUG95	14AUG95	-7
200	1	0	100	C.O. TO USE SOME OF HOSP. EQUIP.	.00	.00	28SEP94A	28SEP94A			
201	25	0	100	NEG. CHANGE ORDER NO. 1	.00	.00	29SEP94A	23OCT94A			
202	30	26	13	RESUB. HOSP. & MISC. EQUIP.	.00	.00	24OCT94A	22NOV94		30NOV94	8
203	240	237	1	DELIVER GOVT. FURN. HOSP. EQUIP.	.00	.00	25OCT94A	21JUN95		28JUN95	7

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2900000.00 661375.00

REPORT TOTAL

Figure 6-1 Cont.

Hoggreen Construction Company

REPORT DATE 13JAN95 RUN NO. 272  
13:23  
EARLY START NEXT TWO MONTHS

PRIMAVERA PROJECT P. .R

PRIMAVERA PROJECT PLANNER PRECEDENCE REPORT

DA DISPENSARY, LACKLAND AFB, TEXAS

START DATE 1JUL94 FIN DATE 14NOV95  
DATA DATE 28OCT94 PAGE NO. 1

ACTIVITY ID	ORIG REM DUR	NEW DUR	%	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
68	90	90	0	FABRICATE & DELIVER METAL WINDOWS	28OCT94	29JAN95	30OCT94	27JAN95	2
76	60	60	0	FABRICATE & DELIVER SHEETMETAL ROOF	28OCT94	26DEC94	22NOV94	20JAN95	23
77	75	75	0	DELIVER PROTECTION MATERIALS	28OCT94	10JAN95	12DEC94	24FEB95	43
92	10	10	0	BASEMENT STEPS & LANDINGS	28OCT94	6NOV94	15JAN95	24JAN95	79
162	90	90	0	OUTSIDE ELECTRICAL	28OCT94	25JAN95	1FEB95	1MAY95	96
82	150	150	0	DELIVER CASEWORK	28OCT94	26MAR95	10FEB95	9JUL95	103
71	30	30	0	DELIVER LATH & PLASTER MATERIALS	28OCT94	26NOV94	23FEB95	24MARCH95	118
72	45	45	0	DELIVER CERAMIC TILE MATERIAL	28OCT94	11DEC94	26FEB95	11APR95	121
160	60	60	0	DELIVER & INSTALL STORM DRAINS	28OCT94	26DEC94	3MAY95	1MAY95	126
161	45	45	0	OUTSIDE PLUMBING	28OCT94	11DEC94	18MAY95	1MAY95	161
73	90	90	0	DELIVER TOILET PARTITIONS & ACCESSORIES	28OCT94	25JAN95	18APR95	16JUL95	172
84	90	90	0	DELIVER MISC. BUILDING EQUIPMENT	28OCT94	25JAN95	21APR95	19JUL95	173
52	75	75	0	DELIVER DOOR CANOPIES & SIGNS	28OCT94	10JAN95	10MAY95	23JUL95	194
79	60	60	0	DELIVER VINYL WALL COVERING	28OCT94	26DEC94	21MAY95	19JUL95	203
61	30	30	0	GOVT. RETEST & APPROVE PAINT SAMPLES	2NOV94	1DEC94	18FEB95	19MARCH95	108
94	50	50	0	FORM, PLACE, & CURE PAN SLABS & BEAMS	2NOV94	28DEC94	5NOV94	24DEC94	-4
95	50	50	0	70% UNDERFLOOR MECH. & ELEC. R	2NOV94	28DEC94	5NOV94	24DEC94	-4
67	2	2	0	SAMPLE MASONRY PANEL	13NOV94	14NOV94	23JAN95	24JAN95	71
69	120	120	0	DELIVER BUILDER'S HARDWARE	18NOV94	17MARCH95	11NOV94	10MAY95	-7
58	30	30	0	GOVERNMENT APPROVE HOSPITAL &	23NOV94	22DEC94	1DEC94	30DEC94	0
78	45	45	0	DELIVER PAINT MATERIALS	2DEC94	19JAN95	20MAY95	3MAY95	108
83	180	180	0	DELIVER HOSPITAL & MISC. EQUIPMENT	23DEC94	20JUN95	31DEC94	28JUN95	8

Figure 6-2

ACTIVITY ID	ORIG DUR	REM DUR	%	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
60	15	5	67	RESUBMIT PAINT SAMPLES	18OCT94A	1NOV94		17FEB95	108
92	10	10	0	BASEMENT STEPS & LANDINGS	28OCT94	8NOV94	13JAN95	24JAN95	79
93	20	12	40	30% UNDERFLOOR MECH. & ELEC. R	20OCT94A	8NOV94		4NOV94	-4
70	90	15	83	FABRICATE & DELIVER ALUM. ENTRANCE	14AUG94A	11NOV94		10MAR95	119
38	80	16	80	DELIVER MASONRY MATERIALS	26AUG94A	12NOV94		22JAN95	71
49	85	17	80.	DELIVER ROOF DECK MATERIALS	21AUG94A	13NOV94		8JAN95	96
67	2	2	0	SAMPLE MASONRY PANEL	13NOV94	14NOV94	23JAN95	26JAN95	71
28	29	20	31	PRE-QUALIFY WELDERS	20AUG94A	16NOV94		29DEC94	43
40	30	21	30	GOVERNMENT APPROVE BUILDER'S H	19OCT94A	17NOV94		10NOV94	-7
202	30	26	13	RESUB. HOSP. & MISC. EQUIP.	24OCT94A	22NOV94		30NOV94	0
64	90	27	70	FABRICATE & DELIVER METAL DOORS	26AUG94A	23NOV94		24DEC94	31
66	90	28	69	FABRICATE & DELIVER STRUCT. STEEL	27AUG94A	24NOV94		29DEC94	35
71	30	30	0	DELIVER LATH & PLASTER MATERIALS	28OCT94	26NOV94	23FEB95	24MAR95	118
81	45	30	33	DELIVER RESILIENT FLOOR MATERIALS	13OCT94A	26NOV94		7JUN95	193
61	30	30	0	GOVT. RETEST & APPROVE PAINT SAMPLES	2NOV94	1DEC94	10FEB95	19MAR95	108
72	45	45	0	DELIVER CERAMIC TILE MATERIAL	28OCT94	11DEC94	26FEB95	11APR95	121
161	45	45	0	OUTSIDE PLUMBING	28OCT94	11DEC94	18MAR95	19APR95	141
58	30	30	0	GOVERNMENT APPROVE HOSPITAL E	23NOV94	22DEC94	1DEC94	30DEC94	0
80	120	57	53	FABRICATE & DELIVER MILLWORK	26AUG94A	23DEC94		12JUN95	171
76	60	60	0	FABRICATE & DELIVER SHEETMETAL ROOF	28OCT94	26DEC94	22NOV94	20JAN95	23
160	60	60	0	DELIVER & INSTALL STORM DRAINA	28OCT94	23DEC94	3MAR95	1 MAY95	126
75	120	60	50	DELIVER ELECTRICAL FIXTURES & EQUIPMENT	29AUG94A	26DEC94		14JUN95	170
79	60	60	0	DELIVER VINYL WALL COVERING	28OCT94	26DEC94	21MAY95	19JUL95	205
94	50	50	0	FORM, PLACE, & CURE PAV SLABS & BEAMS	9NOV94	28DEC94	5NOV94	24DEC94	-4
93	50	50	0	70% UNDERFLOOR MECH. & ELEC. R	9NOV94	28DEC94	5NOV94	24DEC94	-4

Figure 6-3

EP  
415-1-4  
Oct 97

6-10

REPORT DATE 13JAN95 RUN NO. 278  
13:34

GOVERNMENT RESPONSIBILITY

PRIMAVERA PROJECT

PREDENCE REPORT

START DATE 1JUL94 FIN DATE 16AUG95\*

DATA DATE 28OCT94 PAGE NO. 1

ACTIVITY ID	ORIG REM DUR	REM DUR	%	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
1	1	0	100	NOTICE TO PROCEED	1JUL94A	1JUL94A			
46	30	0	100	GOVERNMENT APPROVE ELEC. FIXTURES & EQUIP.	29JUL94A	27AUG94A			
41	20	0	100	GOVERNMENT APP. ALUM. ENTRANCE	31JUL94A	16AUG94A			
35	15	0	100	GOVERNMENT APPROVE PAN FORMS	4AUG94A	19AUG94A			
45	30	0	100	GOVT. APPROVE PLUMB. FIXTURES	7AUG94A	4SEP94A			
37	20	0	100	GOVERNMENT APPROVE STRUCT. STE	8AUG94A	23AUG94A			
36	15	0	100	GOVERNMENT APPROVE METAL DOOR	10AUG94A	21AUG94A			
55	20	0	100	GOVERNMENT APPROVE MILLWORK	12AUG94A	23AUG94A			
54	30	0	100	GOVERNMENT APPROVE COLOR SAND. VINYL WALL	4SEP94A	18SEP94A			
59	20	0	100	GOVERNMENT APPROVE MISC. BUILD	4SEP94A	28SEP94A			
43	30	0	100	GOVERNMENT APPROVE CERAMIC TIL	9SEP94A	30CT94A			
44	20	0	100	GOVERNMENT APPROVE TOILET PART	10SEP94A	10OCT94A			
50	15	0	100	GOVERNMENT APPROVE ROOF & SHEE	11SEP94A	28SEP94A			
51	20	0	100	GOVERNMENT APPROVE X-RAY PROTE	14SEP94A	30CT94A			
42	15	0	100	GOVERNMENT APPROVE LATR & PLAS	19SEP94A	30CT94A			
53	30	0	100	GOVERNMENT TEST & DISAPPROVE PAINT	19SEP94A	18OCT94A			
39	20	0	100	GOVERNMENT APPROVE METAL WINDOWS	20SEP94A	4OCT94A			
56	30	0	100	GOVERNMENT APPROVE & COLOR SEL	21SEP94A	13OCT94A			
200	1	0	100	C.O. TO USE SOME OF HOSP. EQUIP.	28SEP94A	28SEP94A			
57	30	0	100	GOVERNMENT APPROVE CASEWORK	29SEP94A	26OCT94A			
201	25	0	100	NEG. CHANGE ORDER NO. 1	29SEP94A	23OCT94A			
40	30	21	30	GOVERNMENT APPROVE BUILDER'S R	19OCT94A	17NOV94	10NOV94	-7	
203	240	237	1	DELIVER GOVT. FURN. HOSP. EQUIP.	25OCT94A	21JUN95	28JUN95	7	
61	30	30	0	GOVT. RETEST & APPROVE PAINT SAMPLES	2NOV94	1DEC94	18FEB95	19MAR95	108
58	30	30	0	GOVERNMENT APPROVE HOSPITAL S	23NOV94	22DEC94	10DEC94	30DEC94	0
150	3	3	0	GOVERNMENT TEST X-RAY PROTECTION	29JUN95	1JUL95	31JUL95	2AUG95	32

Figure 6-4

13:29

LATE FINISH NEXT TWO MONTHS

DATA DATE 28OCT94 PAGE NO. 1

415-1-4  
Oct 97

ACTIVITY ID	ORIG REM DUR	%	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT	
93	20	12	40	30%	UNDERFLOOR MECH. & ELEC. R	20OCT94A	2NOV94	4NOV94	-4
40	30	21	30	GOVERNMENT APPROVE BUILDER'S R	18OCT94A	17NOV94	10NOV94	-7	
202	30	26	13	REBUD. HOSP. & MISC. EQUIP.	24OCT94A	22NOV94	30NOV94	8	
94	30	30	0	FORM, PLACE, & CURE PAN SLABS & BEAMS	2NOV94	28DEC94	5NOV94	24DEC94	-4
95	30	30	0	70% UNDERFLOOR MECH. & ELEC. R	2NOV94	28DEC94	5NOV94	24DEC94	-4
64	90	27	70	FABRICATE & DELIVER METAL DOORS	26NOV94A	23NOV94	26DEC94	31	

6-12

Figure 6-5

Moygreen Construction Company

REPORT DATE 13JAN95 RUN NO. 274  
13:27  
LATE START NEXT TWO MONTHS

PRIMAVERA PROJECT PLANNER

PRIMAVERA PROJECT PLANNER PRECEDENCE REPORT

DA DISPENSARY, LACKLAND AFB, TEXAS

START DATE 1JUL94 FIN DATE 16AUG95\*  
DATA DATE 28OCT94 PAGE NO. 1

ACTIVITY ID	ORIG REN DUR	REM DUR	%	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
68	90	90	0	FABRICATE & DELIVER METAL WINDOWS	28OCT94	25JAN95	30OCT94	27JAN95	2
94	50	50	0	FORM, PLACE, & CURE PAV SLABS & BEAMS	9NOV94	28DEC94	5NOV94	24DEC94	-4
95	50	50	0	70% UNDERFLOOR MECH. & ELEC. R	9NOV94	28DEC94	5NOV94	24DEC94	-4
69	120	120	0	DELIVER BUILDER'S HARDWARE	18NOV94	17MAR95	11NOV94	10MAR95	-7
76	60	60	0	FABRICATE & DELIVER SHEETMETAL\ROOF	28OCT94	26DEC94	22NOV94	20JAN95	25
58	30	30	0	GOVERNMENT APPROVE HOSPITAL E	23NOV94	22DEC94	10DEC94	30DEC94	8
77	75	75	0	DELIVER PROTECTION MATERIALS	28OCT94	10JAN95	12DEC94	24FEB95	45
100	5	5	0	ERECT STEEL COLUMNS & METAL DUCKS	29DEC94	2JAN95	25DEC94	29DEC94	-4

Figure 6-6

ACTIVITY ID	ORIG DUR	REM DUR	%	ACTIVITY DESCRIPTION	BUDGET	EARNEED	SCHEDULED START	FINISH
3	30	0	100	SUBMIT & APPROVE MECH/ELEC R.I.	.00	.00	3JUL94A	6AUG94A
12	30	0	100	SUBMIT PLUMBING FIXTURES & NEC	.00	.00	9JUL94A	7AUG94A
13	30	0	100	SUBMIT ELECTRIC FIXTURES & EQUIP.	.00	.00	2JUL94A	28JUL94A
29	45	0	100	SUBMIT & APPROVE SHP DRNG OS E	.00	.00	6JUL94A	21AUG94A
34	15	0	100	DELIVER MECHANICAL & ELECTRICAL RI. MAT.	65000.00	65000.00	5AUG94A	14AUG94A
74	150	105	30	DELIVER PLUMB. FIXTURES & MECH. EQUIP.	215000.00	64500.00	13SEP94A	9FEB95
75	120	60	50	DELIVER ELECTRICAL FIXTURES & EQUIPMENT	115000.00	37500.00	29AUG94A	26DEC94
93	20	12	40	30% UNDERFLOOR MECH. & ELEC. R	39000.00	23600.00	20OCT94A	8NOV94
95	50	50	0	70% UNDERFLOOR MECH. & ELEC. R	135000.00	.00	9NOV94	28DEC94
98	63	63	0	ELECTRICAL ROUGH IN	100000.00	.00	29DEC94	1MAR95
99	70	70	0	MECHANICAL & PLUMBING ROUGH IN	105000.00	.00	29DEC94	8MAR95
113	56	56	0	AIRCONDITIONING DUCTWORK	115000.00	.00	15FEB95	11APR95
133	70	70	0	INSTALL MECHANICAL EQUIPMENT	25000.00	.00	11MAY95	19JUL95
140	42	42	0	INSTALL ELECTRICAL FIXTURES & EQUIPMENT	15000.00	.00	8JUN95	19JUL95
141	30	30	0	INSTALL PLUMBING FIXTURES & EQUIPMENT	12500.00	.00	8JUN95	7JUL95
157	45	0	100	DELIVER OUTSIDE ELEC. & PLUMBING MAT.	.00	.00	23AUG94A	23SEP94A
161	45	45	0	OUTSIDE PLUMBING	35000.00	.00	28OCT94	11DEC94
162	90	90	0	OUTSIDE ELECTRICAL	120000.00	.00	28OCT94	25JAN95
173	14	14	0	TEST MECHANICAL & ELECTRICAL EQUIPMENT	15000.00	.00	20JUL95	2AUG95

REPORT TOTAL

\*\*\*\*\*  
1131500.00 210600.00

Figure 6-7

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10-15-94  
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1-7

Moygreen Construction Company

## PRIMAVERA PROJECT PLANNER

DA DISPENSARY, LACKLAND AFB, TEXAS

REPORT DATE 13JAN95 RUN NO. 279  
13:35

## PRIMAVERA PROJECT PLANNER PRECEDENCE REPORT

START DATE 1JUL94 FIN DATE 14AUG95\*

## SCHEDULE REPORT - DETAILED PRECEDENCE ANALYSIS

DATA DATE 28OCT94 PAGE NO. 1

ACTIVITY ID	ORIG REM DUR	DUR	%	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL
									FLOAT
.. 1*	1	0	100 PR	NOTICE TO PROCEED	1JUL94A	1JUL94A			
.. 28	29	20	31	PRE-QUALIFY WELDERS	20AUG94A	16NOV94			
.. 102	10	10	0 SU	ERECT STRUCTURAL STEEL & JOISTS	3JAN95	12JAN95	3DEC94	8JAN95	-4
.. 32*	45	0	100 PR	SUBMIT & APPROVE MASONRY MATERIAL	12JUL94A	26AUG94A			
.. 38	80	16	80	DELIVER MASONRY MATERIALS	26AUG94A	12NOV94			
.. 67*	2	2	0 SU	SAMPLE MASONRY PANEL	13NOV94	14NOV94	23JAN95	24JAN95	71
.. 7*	29	0	100 PR	SUBMIT LISTS & SAMPLES BUILDERS HARDWARE	15AUG94A	18OCT94A			
.. 40	30	21	30	GOVERNMENT APPROVE BUILDER'S H	19OCT94A	17NOV94			
.. 69*	120	120	0 SU	DELIVER BUILDER'S HARDWARE	18NOV94	17MARS95	11NOV94	10MARS95	-7
.. 16*	45	0	100 PR	SUBMIT & APPROVE ROOF DECK SNO	6JUL94A	20AUG94A			
.. 49	85	17	80	DELIVER ROOF DECK MATERIALS	21AUG94A	13NOV94			
.. 109	12	12	0 SU	INSTALL ROOF DECK	13JAN95	24JAN95	9JAN95	20JAN95	56
.. 19*	39	0	100 PR	SUBMIT & APPROVE DOOR CANOPIES	26JUL94A	8SEP94A			
.. 52	75	75	0	DELIVER DOOR CANOPIES & SIGNS	28OCT94	10JAN95	10MAY95	23JUL95	194
.. 154	10	10	0 SU	INSTALL DOOR CANOPIES & SIGNS	30JAN95	8FEB95	24JUL95	2AUG95	175
.. 25	44	0	100 PR	SUBMIT HOSPITAL & MISC. EQUIPMENT	26JUL94A	8SEP94A			
.. 202*	30	26	13 PR	RESUB. HOSP. & MISC. EQUIP.	24OCT94A	22NOV94			
.. 58	30	30	0	GOVERNMENT APPROVE HOSPITAL &	23NOV94	22DEC94	1DEC94	30DEC94	8
.. 83*	180	180	0 SU	DELIVER HOSPITAL & MISC. EQUIPMENT	23DEC94	20JUN95	31DEC94	28JUN95	8
.. 53*	30	0	100 PR	GOVERNMENT TEST & DISAPPROVE PAINT	19SEP94A	18OCT94A			
.. 60	15	5	67	RESUBMIT PAINT SAMPLES	18OCT94A	1NOV94			
.. 61*	30	30	0 SU	GOVT. RETEST & APPROVE PAINT SAMPLES	2NOV94	1DEC94	18FEB95	19MAR95	108
.. 60*	15	5	67 PR	RESUBMIT PAINT SAMPLES	18OCT94A	1NOV94			
.. 61	30	30	0	GOVT. RETEST & APPROVE PAINT SAMPLES	2NOV94	1DEC94	18FEB95	19MAR95	108
.. 78*	45	45	0 SU	DELIVER PAINT MATERIALS	2DEC94	15JAN95	20MAR95	3MAY95	108
.. 36*	15	0	100 PR	GOVERNMENT APPROVE METAL DOOR	10AUG94A	21AUG94A			
.. 64	90	27	70	FABRICATE & DELIVER METAL DOORS	26AUG94A	23NOV94			
.. 100	5	5	0 SU	ERECT STEEL COLUMNS & METAL BUCKS	29DEC94	2JAN95	25DEC94	29DEC94	-4
.. 37*	20	0	100 PR	GOVERNMENT APPROVE STRUCT. STE	16AUG94A	25AUG94A			
.. 66	90	28	69	FABRICATE & DELIVER STRUCT. STEEL	27AUG94A	24NOV94			
.. 102	10	10	0 SU	ERECT STRUCTURAL STEEL & JOISTS	3JAN95	12JAN95	3DEC94	8JAN95	-4
.. 38*	80	16	80 PR	DELIVER MASONRY MATERIALS	26AUG94A	12NOV94			
.. 67	2	2	0	SAMPLE MASONRY PANEL	13NOV94	14NOV94	23JAN95	24JAN95	71
.. 103	27	27	0 SU	EXTERIOR MASONRY WALLS	3JAN95	29JAN95	25JAN95	20FEB95	22
.. 39*	20	0	100 PR	GOVERNMENT APPROVE METAL WINDOWS	20SEP94A	4OCT94A			
.. 68	90	90	0	FABRICATE & DELIVER METAL WINDOWS	28OCT94	25JAN95	30OCT94	27JAN95	2
.. 111*	14	14	0 SU	INSTALL METAL WINDOWS	26JAN95	8FEB95	28JAN95	10FEB95	2

Figure 6-8

ACTIVITY ID	ORIG DUR	REM DUR	%	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
.. 40*	30	21	30 PR	GOVERNMENT APPROVE BUILDER'S H DELIVER BUILDER'S HARDWARE	19OCT94A	17NOV94		10NOV94	-7
.. 69	120	120	0	INSTALL METAL DOORS & ALUMINUM ENTRANCE	18NOV94	17MAR95	11NOV94	10MAR95	-7
.. 108*	14	14	0 SU		18MAR95	31MAR95	11MAR95	24MAR95	-7
.. 41*	20	0	100 PR	GOVERNMENT APP. ALUM. ENTRANCE FABRICATE & DELIVER ALUM. ENTRANCE	31JUL94A	14AUG94A			
.. 70	90	15	83	INSTALL METAL DOORS & ALUMINUM ENTRANCE	14AUG94A	11NOV94			
.. 108	14	14	0 SU		18MAR95	31MAR95	11MAR95	24MAR95	-7
.. 42*	15	0	100 PR	GOVERNMENT APPROVE LATH & PLAS DELIVER LATH & PLASTER MATERIALS	19SEP94A	3OCT94A			
.. 71	30	30	0	STUCCO	20OCT94	26NOV94	23FEB95	26MAR95	110
.. 116	14	14	0 SU		1APR95	14APR95	25MAR95	7APR95	-7
.. 43*	30	0	100 PR	GOVERNMENT APPROVE CERAMIC TIL DELIVER CERAMIC TILE MATERIAL	9SEP94A	3OCT94A			
.. 72	45	45	0	CERAMIC TILE	28OCT94	11DEC94	26FEB95	11APR95	121
.. 122	22	22	0 SU		15APR95	6MAY95	12APR95	3MAY95	-3
.. 44*	20	0	100 PR	GOVERNMENT APPROVE TOILET PART DELIVER TOILET PARTITIONS & ACCESSORIES	10SEP94A	10OCT94A			
.. 73	90	90	0	TOILET PARTITIONS & ACCESSORIES	28OCT94	25JAN95	18APR95	16JUL95	172
.. 128	17	17	0 SU		7MAY95	23MAY95	17JUL95	24JUN95	71
.. 45*	30	0	100 PR	GOVT. APPROVE PLUMB. FIXTURES DELIVER PLUMB. FIXTURES & MECH. EQUIP.	7AUG94A	4SEP94A			
.. 74	150	105	30	INSTALL MECHANICAL EQUIPMENT	13SEP94A	9FEB95			
.. 133	70	70	0 SU	INSTALL PLUMBING FIXTURES & EQUIPMENT	11MAY95	19JUL95	18MAY95	26JUL95	7
.. 141	30	30	0 SU		8JUN95	7JUL95	27JUN95	26JUL95	19
.. 46*	30	0	100 PR	GOVERNMENT APPROVE ELEC. FIXTURES & EQUIP. DELIVER ELECTRICAL FIXTURES & EQUIPMENT	29JUL94A	27AUG94A			
.. 75	120	60	50	INSTALL ELECTRICAL FIXTURES & EQUIPMENT	29AUG94A	26DEC94			
.. 140	42	42	0 SU		8JUN95	19JUL95	15JUN95	26JUL95	7
.. 50*	15	0	100 PR	GOVERNMENT APPROVE ROOF & SHEE FABRICATE & DELIVER SHEETMETAL\ROOF	11SEP94A	28SEP94A			
.. 76	60	60	0	ROOFING & SHEET METAL	28OCT94	26DEC94	22NOV94	20JAN95	29
.. 110	21	21	0 SU		25JAN95	14FEB95	21JAN95	10FEB95	-4
.. 51*	20	0	100 PR	GOVERNMENT APPROVE X-RAY PROTE DELIVER PROTECTION MATERIALS	16SEP94A	8OCT94A			
.. 77	75	75	0	INTERIOR PARTITIONS	28OCT94	10JAN95	12DEC94	24FEB95	45
.. 114	42	42	0 SU		13FEB95	28MAR95	25FEB95	7APR95	10
.. 61*	30	30	0 PR	GOVT. RETEST & APPROVE PAINT SAMPLES DELIVER PAINT MATERIALS	2NOV94	1DEC94	18FEB95	19MAR95	108
.. 78	45	45	0	30X PAINT & FINISH	2DEC94	15JAN95	20MAR95	3MAY95	108
.. 130	28	28	0 SU		11MAY95	7JUN95	4MAY95	31MAY95	-7
.. 56*	30	0	100 PR	GOVERNMENT APPROVE COLOR SAMPL. VINYL WALL DELIVER VINYL WALL COVERING	4SEP94A	18SEP94A			
.. 79	60	60	0	VINYL WALL COVER	28OCT94	26DEC94	21MAY95	19JUL95	205
.. 142	14	14	0 SU		8JUN95	21JUN95	20JUL95	24JUN95	62
.. 55*	20	0	100 PR	GOVERNMENT APPROVE MILLWORK FABRICATE & DELIVER MILLWORK	12AUG94A	25AUG94A			
.. 80	120	57	53	INSTALL 50% MILLWORK	26AUG94A	23DEC94			
.. 143	16	16	0 SU		8JUN95	23JUN95	13JUN95	28JUN95	171
									5

Figure 6-8 Cont.

Moygreen Construction Company

## PRIMAVERA PROJECT PLA

DA DISPENSARY, LACKLAND AFB, TEXAS

REPORT DATE 13JAN95 RUN NO. 279

13:35

## PRIMAVERA PROJECT PLANNER PRECEDENCE REPORT

START DATE 1JUL94 FIN DATE 14AUG95

## SCHEDULE REPORT - DETAILED PRECEDENCE ANALYSIS

DATA DATE 28CT94 PAGE NO. 3

ACTIVITY ID	ORIG REN DUR	REM DUR	X	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	LATE		TOTAL FLOAT
							START	FINISH	
.. 56*	30	0	100 PR	GOVERNMENT APPROVE & COLOR SEL	21SEP94A	13OCT94A			
.. 81	45	30	33	DELIVER RESILIENT FLOOR MATERIALS	13OCT94A	26NOV94			
.. 144	21	21	0 SU	INSTALL RESILIENT FLOORS	8JUN95	28JUN95	8JUN95	28JUN95	193 0
.. 57*	30	0	100 PR	GOVERNMENT APPROVE CASEWORK	29SEP94A	26OCT94A			
.. 82	150	150	0	DELIVER CASEWORK	20OCT94	26MAR95	10FEB95	9JUL95	103
.. 151	24	24	0 SU	INSTALL CASEWORK	29JUN95	22JUL95	10JUL95	2AUG95	11
.. 58*	30	30	0 PR	GOVERNMENT APPROVE HOSPITAL &	23NOV94	22DEC94	10DEC94	30DEC94	8
.. 83	180	180	0	DELIVER HOSPITAL & MISC. EQUIPMENT	23DEC94	20JUN95	31DEC94	28JUN95	8
.. 152	35	35	0 SU	INSTALL HOSPITAL & MISCELLANEOUS EQUIPMENT	29JUN95	2AUG95	29JUN95	2AUG95	0
.. 59*	20	0	100 PR	GOVERNMENT APPROVE MISC. BUILD	4SEP94A	28SEP94A			
.. 84	90	90	0	DELIVER MISC. BUILDING EQUIPMENT	20OCT94	25JAN95	21APR95	19JUL95	173
.. 153	14	14	0 SU	INSTALL MISCELLANEOUS BUILDING EQUIPMENT	29JUN95	12JUL95	20JUL95	2AUG95	21
.. 47*	45	0	100 PR	FABRICATE & DELIVER MISC. METALS	8SEP94A	23OCT94A			
.. 86*	30	0	100 PR	GRADEBEAMS	29SEP94A	8OCT94A			
.. 89*	5	0	100 PR	DAMPPROOFING	3OCT94A	6OCT94A			
.. 92	10	10	0	BASEMENT STEPS & LANDINGS	28OCT94	6NOV94	15JAN95	24JAN95	79
.. 103	27	27	0 SU	EXTERIOR MASONRY WALLS	3JAN95	29JAN95	25JAN95	20FEB95	22
.. 91*	10	0	100 PR	BACKFILL & GRADE UNDER BUILDING	9OCT94A	20OCT94A			
.. 93	20	12	40	30% UNDERFLOOR MECH. & ELEC. R	20OCT94A	8NOV94			
.. 94*	50	50	0 SU	FORM, PLACE, & CURE PAN SLABS & BEAMS	9NOV94	28DEC94	5NOV94	24DEC94	-4
.. 95*	50	50	0 SU	70% UNDERFLOOR MECH. & ELEC. R	9NOV94	28DEC94	5NOV94	24DEC94	-4
.. 63	45	0	100 PR	DELIVER PAN FORMS	21AUG94A	10OCT94A			
.. 93*	20	12	40 PR	30% UNDERFLOOR MECH. & ELEC. R	20OCT94A	8NOV94			
.. 94	50	50	0	FORM, PLACE, & CURE PAN SLABS & BEAMS	9NOV94	28DEC94	5NOV94	24DEC94	-4
.. 97*	18	18	0 SU	CONCRETE TOPPING FILL	29DEC94	15JAN95	7FEB95	24FEB95	40
.. 98*	63	63	0 SU	ELECTRICAL ROUGH IN	29DEC94	1MARCH95	4FEB95	7APR95	37
.. 99*	70	70	0 SU	MECHANICAL & PLUMBING ROUGH IN	29DEC94	8MARCH95	28JAN95	7APR95	30
.. 100*	5	5	0 SU	ERECT STEEL COLUMNS & METAL DUCKS	29DEC94	2JAN95	25DEC94	29DEC94	-4
.. 63	45	0	100 PR	DELIVER PAN FORMS	21AUG94A	10OCT94A			
.. 93*	20	12	40 PR	30% UNDERFLOOR MECH. & ELEC. R	20OCT94A	8NOV94			
.. 95	50	50	0	70% UNDERFLOOR MECH. & ELEC. R	9NOV94	28DEC94	5NOV94	24DEC94	-4
.. 100*	5	5	0 SU	ERECT STEEL COLUMNS & METAL DUCKS	29DEC94	2JAN95	25DEC94	29DEC94	-4
.. 94*	50	50	0 PR	FORM, PLACE, & CURE PAN SLABS & BEAMS	9NOV94	28DEC94	5NOV94	24DEC94	-4
.. 97	18	18	0	CONCRETE TOPPING FILL	29DEC94	15JAN95	7FEB95	24FEB95	40
.. 114	42	42	0 SU	INTERIOR PARTITIONS	15FEB95	28MAR95	25FEB95	7APR95	10
.. 94*	50	50	0 PR	FORM, PLACE, & CURE PAN SLABS & BEAMS	9NOV94	28DEC94	5NOV94	24DEC94	-4
.. 98	63	63	0	ELECTRICAL ROUGH IN	29DEC94	1MARCH95	4FEB95	7APR95	37
.. 120	14	14	0 SU	CEILING SUSPENSION SYSTEM & INSULATION	15APR95	28APR95	8APR95	21APR95	-7

Figure 6-8 Cont.

31 Oct 97

REPORT DATE 13JAN95 RUN NO. 279  
13:35

## SCHEDULE REPORT - DETAILED PRECEDENCE ANALYSIS

## PRIMAVERA PROJECT PLANNER PRECEDENCE REPORT

START DATE 1JUL94 FIN DATE 14AUG95\*

DATA DATE 28OCT94 PAGE NO. 4

ACTIVITY ID	ORIG DUR	REM DUR	X	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
.. 94*	50	50	0 PR	FORM, PLACE, & CURE PAVEMENT SLABS & BEAMS	9NOV94	20DEC94	9NOV94	24DEC94	-4
.. 99	70	70	0	MECHANICAL & PLUMBING ROUGH IN	29DEC94	0MAR95	20JAN95	7APR95	30
.. 120	14	14	0 SU	CEILING SUSPENSION SYSTEM & INSULATION	15APR95	28APR95	8APR95	21APR95	-7
.. 64	90	27	70 PR	FABRICATE & DELIVER METAL DOORS	26MAY94A	23NOV94		24DEC94	31
.. 65	45	0	100 PR	FABRICATE & DELIVER STEEL COLUMNS	29AUG94A	14OCT94A			
.. 94*	50	50	0 PR	FORM, PLACE, & CURE PAVEMENT SLABS & BEAMS	9NOV94	20DEC94	9NOV94	24DEC94	-4
.. 95*	50	50	0 PR	70% UNDERFLOOR MECH. & ELEC. R	9NOV94	20DEC94	9NOV94	24DEC94	-4
.. 100	5	5	0	ERECT STEEL COLUMNS & METAL DUCKS	29DEC94	2JAN95	25DEC94	29DEC94	-4
.. 102*	10	10	0 SU	ERECT STRUCTURAL STEEL & JOISTS	3JAN95	12JAN95	30DEC94	8JAN95	-4
.. 103*	27	27	0 SU	EXTERIOR MASONRY WALLS	3JAN95	29JAN95	23JAN95	20FEB95	22
.. 28	29	20	31 PR	PRE-QUALIFY WELDERS	20AUG94A	16NOV94		29DEC94	43
.. 66	90	28	69 PR	FABRICATE & DELIVER STRUCT. STEEL	27AUG94A	24NOV94		29DEC94	35
.. 100*	5	5	0 PR	ERECT STEEL COLUMNS & METAL DUCKS	29DEC94	2JAN95	25DEC94	29DEC94	-4
.. 102	10	10	0	ERECT STRUCTURAL STEEL & JOISTS	3JAN95	12JAN95	30DEC94	8JAN95	-4
.. 109*	12	12	0 SU	INSTALL ROOF DECK	13JAN95	26JAN95	9JAN95	20JAN95	-4
.. 67	2	2	0 PR	SAMPLE MASONRY PANEL	13NOV94	14NOV94	23JAN95	24JAN95	71
.. 92	10	10	0 PR	BASEMENT STEPS & LANDINGS	20OCT94	6NOV94	13JAN95	24JAN95	79
.. 100*	5	5	0 PR	ERECT STEEL COLUMNS & METAL DUCKS	29DEC94	2JAN95	25DEC94	29DEC94	-4
.. 103	27	27	0	EXTERIOR MASONRY WALLS	3JAN95	29JAN95	25JAN95	20FEB95	22
.. 108	14	14	0 SU	INSTALL METAL DOORS & ALUMINUM ENTRANCE	10MAR95	31MAR95	11MAR95	24MAR95	-7
.. 111	14	14	0 SU 55	3 INSTALL METAL WINDOWS	26JAN95	8FEB95	28JAN95	10FEB95	2
.. 154*	10	10	0 SU	INSTALL DOOR CANOPIES & SIGNS	30JAN95	8FEB95	24JUL95	24JUL95	175
.. 172	16	16	0 SU	TOPSOIL & FINE GRADING	20APR95	5MAY95	25JUL95	9AUG95	96
.. 69*	120	120	0 PR	DELIVER BUILDER'S HARDWARE	18NOV94	17MAR95	11NOV94	10MAR95	-7
.. 70	90	15	83 PR	FABRICATE & DELIVER ALUM. ENTRANCE	14AUG94A	11NOV94		10MAR95	119
.. 103	27	27	0 PR	EXTERIOR MASONRY WALLS	3JAN95	29JAN95	25JAN95	20FEB95	22
.. 108	14	14	0	INSTALL METAL DOORS & ALUMINUM ENTRANCE	10MAR95	31MAR95	11MAR95	24MAR95	-7
.. 116*	14	14	0 SU	STUCCO	1APR95	16APR95	25MAR95	7APR95	-7
.. 49	85	17	80 PR	DELIVER ROOF DECK MATERIALS	21AUG94A	13NOV94		8JAN95	96
.. 102*	10	10	0 PR	ERECT STRUCTURAL STEEL & JOISTS	3JAN95	12JAN95	30DEC94	8JAN95	-4
.. 109	12	12	0	INSTALL ROOF DECK	13JAN95	24JAN95	9JAN95	20JAN95	-4
.. 110*	21	21	0 SU	ROOFING & SHEET METAL	25JAN95	16FEB95	21JAN95	10FEB95	-4
.. 76	60	60	0 PR	FABRICATE & DELIVER SHEETMETAL\ROOF	28OCT94	26DEC94	22NOV94	20JAN95	23
.. 109*	12	12	0 PR	INSTALL ROOF DECK	13JAN95	24JAN95	9JAN95	20JAN95	-4
.. 110	21	21	0	ROOFING & SHEET METAL	25JAN95	14FEB95	21JAN95	10FEB95	-4
.. 113*	56	56	0 SU	AIRCONDITIONING DUCTWORK	15FEB95	11APR95	11FEB95	7APR95	-4
.. 114*	42	42	0 SU	INTERIOR PARTITIONS	15FEB95	20MAR95	25FEB95	7APR95	10
.. 116	14	14	0 SU	STUCCO	1APR95	14APR95	25MAR95	7APR95	-7
.. 68*	90	90	0 PR	3 FABRICATE & DELIVER METAL WINDOWS	28OCT94	25JAN95	30OCT94	27JAN95	2
.. 103	27	27	0 PR 55	3 EXTERIOR MASONRY WALLS	3JAN95	29JAN95	25JAN95	20FEB95	22
.. 111	14	14	0	INSTALL METAL WINDOWS	26JAN95	8FEB95	28JAN95	10FEB95	2

Figure 6-8 Cont.

Mu,green Construction Company

REPORT DATE 13JAN95 RUN NO. 279  
13:35

## SCHEDULE REPORT - DETAILED PRECEDENCE ANALYSIS

## PRIMAVERA PROJECT PLANNER

## PRIMAVERA PROJECT PLANNER PRECEDENCE REPORT

DA DISPENSARY, LACKLAND AFB, TEXAS

START DATE 1JUL94 FIN DATE 14AUG95\*

DATA DATE 28OCT94 PAGE NO. 5

ACTIVITY ID	ORIG REN DUR	RN DUR	X	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
.. 113	56	56	0 SU	AIRCONDITIONING DUCTWORK	15FEB95	11APR95	11FEB95	7APR95	-4
.. 110*	21	21	0 PR	ROOFING & SHEET METAL	25JAN95	14FEB95	21JAN95	10FEB95	-4
.. 111	14	14	0 PR	INSTALL METAL WINDOWS	26JAN95	8FEB95	20JAN95	10FEB95	2
.. 113	56	56	0 PR	AIRCONDITIONING DUCTWORK	15FEB95	11APR95	11FEB95	7APR95	-4
.. 120	14	14	0 SU	CEILING SUSPENSION SYSTEM & INSULATION	15APR95	28APR95	8APR95	21APR95	-7
.. 77	75	75	0 PR	DELIVER PROTECTION MATERIALS	28OCT94	10JAN95	12DEC94	24FEB95	45
.. 97	18	18	0 PR	CONCRETE TOPPING FILL	29DEC94	15JAN95	7FEB95	24FEB95	40
.. 110*	21	21	0 PR	ROOFING & SHEET METAL	25JAN95	14FEB95	21JAN95	10FEB95	-4
.. 114	42	42	0 PR	INTERIOR PARTITIONS	15FEB95	20MAY95	25FEB95	7APR95	10
.. 120	14	14	0 SU	CEILING SUSPENSION SYSTEM & INSULATION	15APR95	28APR95	8APR95	21APR95	-7
.. 121	14	14	0 SU	PLASTER WALLS	15APR95	28APR95	20APR95	3MAY95	5
.. 122	22	22	0 SU	CERAMIC TILE	15APR95	6MAY95	12APR95	3MAY95	-3
.. 71	30	30	0 PR	DELIVER LATH & PLASTER MATERIALS	26OCT94	26NOV94	23FEB95	24MAR95	118
.. 108*	14	14	0 PR	INSTALL METAL DOORS & ALUMINUM ENTRANCE	18MAR95	31MAR95	11MAR95	24MAR95	-7
.. 110	21	21	0 PR	ROOFING & SHEET METAL	25JAN95	14FEB95	21JAN95	10FEB95	-4
.. 116	14	14	0 PR	STUCCO	1APR95	14APR95	25MAR95	7APR95	-7
.. 120*	14	14	0 SU	CEILING SUSPENSION SYSTEM & INSULATION	15APR95	28APR95	8APR95	21APR95	-7
.. 121*	14	14	0 SU	PLASTER WALLS	15APR95	28APR95	20APR95	3MAY95	5
.. 122*	22	22	0 SU	CERAMIC TILE	15APR95	6MAY95	12APR95	3MAY95	-3
.. 98	63	63	0 PR	ELECTRICAL ROUGH IN	29DEC94	1MAR95	4FEB95	7APR95	37
.. 99	70	70	0 PR	MECHANICAL & PLUMBING ROUGH IN	29DEC94	6MAY95	28JAN95	7APR95	30
.. 113	56	56	0 PR	AIRCONDITIONING DUCTWORK	15FEB95	11APR95	11FEB95	7APR95	-4
.. 114	42	42	0 PR	INTERIOR PARTITIONS	15FEB95	20MAY95	25FEB95	7APR95	10
.. 116*	14	14	0 PR	STUCCO	1APR95	14APR95	25MAR95	7APR95	-7
.. 120	14	14	0 PR	CEILING SUSPENSION SYSTEM & INSULATION	15APR95	28APR95	8APR95	21APR95	-7
.. 124*	35	35	0 SU	ACOUSTIC & OTHER CEILINGS	29APR95	2JUN95	27APR95	31MAY95	-2
.. 125*	12	12	0 SU	PLASTER CEILINGS	29APR95	10MAY95	22APR95	3MAY95	-7
.. 114	42	42	0 PR	INTERIOR PARTITIONS	15FEB95	20MAY95	25FEB95	7APR95	10
.. 116*	14	14	0 PR	STUCCO	1APR95	14APR95	25MAR95	7APR95	-7
.. 121	14	14	0 PR	PLASTER WALLS	15APR95	28APR95	20APR95	3MAY95	5
.. 128	17	17	0 SU	TOILET PARTITIONS & ACCESSORIES	7MAY95	23MAY95	17JUL95	2AUG95	71
.. 130	28	28	0 SU	30X PAINT & FINISH	11MAY95	7JUN95	4MAY95	31MAY95	-7
.. 72	45	45	0 PR	DELIVER CERAMIC TILE MATERIAL	28OCT94	11DEC94	26FEB95	11APR95	121
.. 114	42	42	0 PR	INTERIOR PARTITIONS	15FEB95	20MAY95	25FEB95	7APR95	10
.. 116*	14	14	0 PR	STUCCO	1APR95	14APR95	25MAR95	7APR95	-7
.. 122	22	22	0 PR	CERAMIC TILE	15APR95	6MAY95	12APR95	3MAY95	-3
.. 128*	17	17	0 SU	TOILET PARTITIONS & ACCESSORIES	7MAY95	23MAY95	17JUL95	2AUG95	71
.. 130	28	28	0 SU	30X PAINT & FINISH	11MAY95	7JUN95	4MAY95	31MAY95	-7
.. 120*	14	14	0 PR	CEILING SUSPENSION SYSTEM & INSULATION	15APR95	28APR95	8APR95	21APR95	-7
.. 124	35	35	0 PR	ACOUSTIC & OTHER CEILINGS	29APR95	2JUN95	27APR95	31MAY95	-2
.. 139	45	45	0 SU	30X COMPLETE PAINT & FINISH	8JUN95	22JUL95	1JUN95	15JUL95	-7

Figure 6-8 Cont.

31 OCT 97

ACTIVITY ID	ORIG DUR	REM DUR	%	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
.. 141	30	30	0 SU	INSTALL PLUMBING FIXTURES & EQUIPMENT	8JUN93	7JUL93	27JUN93	26JUL93	19
.. 142	14	14	0 SU	VINYL WALL COVER	8JUN93	21JUN93	20JUL93	24JUL93	42
.. 120*	14	14	0 PR	CEILING SUSPENSION SYSTEM & INSULATION	15APR93	28APR93	8APR93	21APR93	-7
.. 125	12	12	0	PLASTER CEILINGS	29APR93	10MAY93	22APR93	3MAY93	-7
.. 130*	28	28	0 SU	30% PAINT & FINISH	11MAY93	7JUN93	4MAY93	31MAY93	-7
.. 133*	70	70	0 SU	INSTALL MECHANICAL EQUIPMENT	11MAY93	19JUL93	18MAY93	26JUL93	7
.. 73	90	90	0 PR	DELIVER TOILET PARTITIONS & ACCESSORIES	28OCT94	25JAN95	18APR93	16JUL93	172
.. 121	14	14	0 PR	PLASTER WALLS	15APR93	28APR93	20APR93	3MAY93	5
.. 122*	22	22	0 PR	CERAMIC TILE	15APR93	6MAY93	12APR93	3MAY93	-3
.. 128	17	17	0	TOILET PARTITIONS & ACCESSORIES	7MAY93	23MAY93	17JUL93	24JUL93	71
.. 156	7	7	0 SU	CLEAN UP BUILDING	10AUG93	16AUG93	3AUG93	9AUG93	-7
.. 78	45	45	0 PR	DELIVER PAINT MATERIALS	20DEC94	15JAN95	20MAR93	3MAY93	108
.. 121	14	14	0 PR	PLASTER WALLS	15APR93	28APR93	20APR93	3MAY93	5
.. 122	22	22	0 PR	CERAMIC TILE	15APR93	6MAY93	12APR93	3MAY93	-3
.. 125*	12	12	0 PR	PLASTER CEILINGS	29APR93	10MAY93	22APR93	3MAY93	-7
.. 130	28	28	0	30% PAINT & FINISH	11MAY93	7JUN93	4MAY93	31MAY93	-7
.. 139*	45	45	0 SU	50% COMPLETE PAINT & FINISH	8JUN93	22JUL93	1JUN93	15JUL93	-7
.. 140*	42	42	0 SU	INSTALL ELECTRICAL FIXTURES & EQUIPMENT	8JUN93	19JUL93	15JUN93	26JUL93	7
.. 141*	30	30	0 SU	INSTALL PLUMBING FIXTURES & EQUIPMENT	8JUN93	7JUL93	27JUN93	26JUL93	19
.. 142*	14	14	0 SU	VINYL WALL COVER	8JUN93	21JUN93	20JUL93	24JUL93	42
.. 143*	16	16	0 SU	INSTALL 50% MILLWORK	8JUN93	23JUN93	13JUN93	28JUN93	5
.. 144*	21	21	0 SU	INSTALL RESILIENT FLOORS	8JUN93	28JUN93	8JUN93	28JUN93	0
.. 74	150	105	30 PR	DELIVER PLUMB. FIXTURES & MECH. EQUIP.	13SEP94A	9FEB95		17MAY93	97
.. 125*	12	12	0 PR	PLASTER CEILINGS	29APR93	10MAY93	22APR93	3MAY93	-7
.. 133	70	70	0	INSTALL MECHANICAL EQUIPMENT	11MAY93	19JUL93	18MAY93	26JUL93	7
.. 173*	14	14	0 SU	TEST MECHANICAL & ELECTRICAL EQUIPMENT	20JUL93	2AUG93	27JUL93	9AUG93	7
.. 126	35	35	0 PR	ACOUSTIC & OTHER CEILINGS	29APR93	2JUN93	27APR93	31MAY93	-2
.. 130*	28	28	0 PR	30% PAINT & FINISH	11MAY93	7JUN93	4MAY93	31MAY93	-7
.. 139	45	45	0	50% COMPLETE PAINT & FINISH	8JUN93	22JUL93	1JUN93	15JUL93	-7
.. 155*	18	18	0 SU	20% PAINT & FINISH	23JUL93	9AUG93	16JUL93	2AUG93	-7
.. 75	120	60	50 PR	DELIVER ELECTRICAL FIXTURES & EQUIPMENT	29AUG94A	26DEC94		14JUN93	170
.. 130*	28	28	0 PR	30% PAINT & FINISH	11MAY93	7JUN93	4MAY93	31MAY93	-7
.. 140	42	42	0	INSTALL ELECTRICAL FIXTURES & EQUIPMENT	8JUN93	19JUL93	15JUN93	26JUL93	7
.. 173*	14	14	0 SU	TEST MECHANICAL & ELECTRICAL EQUIPMENT	20JUL93	2AUG93	27JUL93	9AUG93	7
.. 74	150	105	30 PR	DELIVER PLUMB. FIXTURES & MECH. EQUIP.	13SEP94A	9FEB95		17MAY93	97
.. 126	35	35	0 PR	ACOUSTIC & OTHER CEILINGS	29APR93	2JUN93	27APR93	31MAY93	-2
.. 130*	28	28	0 PR	30% PAINT & FINISH	11MAY93	7JUN93	4MAY93	31MAY93	-7
.. 141	30	30	0	INSTALL PLUMBING FIXTURES & EQUIPMENT	8JUN93	7JUL93	27JUN93	25JUL93	19
.. 173	14	14	0 SU	TEST MECHANICAL & ELECTRICAL EQUIPMENT	20JUL93	2AUG93	27JUL93	9AUG93	7

Figure 6-8 Cont.

Mo. Jen Construction Company

REPORT DATE 13JAN95 RUN NO. 279  
13:35

## SCHEDULE REPORT - DETAILED PRECEDENCE ANALYSIS

## PRIMAVERA PROJECT PLANNER

## PRIMAVERA PROJECT PLANNER PRECEDENCE REPORT

DA DISPENSARY, LACKLAND AFB, TEXAS

START DATE 1JUL95 FIN DATE 16AUG95\*

DATA DATE 28OCT94 PAGE NO. 7

ACTIVITY ID	ORIG DUR	REM DUR	%	ACTIVITY DESCRIPTION	EARLY	EARLY	LATE	LATE	TOTAL FLOAT
					START	FINISH	START	FINISH	
.. 79	60	60	0 PR	DELIVER VINYL WALL COVERING	28OCT94	26OCT94	21MAY95	19JUL95	205
.. 124	35	35	0 PR	ACOUSTIC & OTHER CEILINGS	29APR95	2JUN95	27APR95	31MAY95	-2
.. 130*	28	28	0 PR	30% PAINT & FINISH	11MAY95	7JUN95	4MAY95	31MAY95	-7
.. 142	14	14	0	VINYL WALL COVER	8JUN95	21JUN95	20JUL95	2AUG95	42
.. 156	7	7	0 SU	CLEAN UP BUILDING	10AUG95	16AUG95	3AUG95	9AUG95	-7
.. 80	120	57	53 PR	FABRICATE & DELIVER MILLWORK	26AUG94A	23DEC94			
.. 130*	28	28	0 PR	30% PAINT & FINISH	11MAY95	7JUN95	4MAY95	31MAY95	-7
.. 143	16	16	0	INSTALL 30% MILLWORK	8JUN95	23JUN95	13JUN95	28JUN95	5
.. 146*	16	16	0 SU	COMPLETE MILLWORK	24JUN95	9JUL95	30JUN95	15JUL95	6
.. 150	3	3	0 SU	GOVERNMENT TEST X-RAY PROTECTION	29JUN95	1JUL95	31JUL95	2AUG95	32
.. 151	24	24	0 SU	INSTALL CASEWORK	29JUN95	22JUL95	10JUL95	2AUG95	11
.. 152	35	35	0 SU	INSTALL HOSPITAL & MISCELLANEOUS EQUIPMENT	29JUN95	2AUG95	29JUN95	2AUG95	0
.. 153	14	14	0 SU	INSTALL MISCELLANEOUS BUILDING EQUIPMENT	29JUN95	12JUL95	20JUL95	2AUG95	21
.. 81	45	30	33 PR	DELIVER RESILIENT FLOOR MATERIALS	13OCT94A	26NOV94			
.. 130*	28	28	0 PR	30% PAINT & FINISH	11MAY95	7JUN95	4MAY95	31MAY95	-7
.. 144	21	21	0	INSTALL RESILIENT FLOORS	8JUN95	28JUN95	8JUN95	28JUN95	0
.. 150*	3	3	0 SU	GOVERNMENT TEST X-RAY PROTECTION	29JUN95	1JUL95	31JUL95	2AUG95	32
.. 151*	24	24	0 SU	INSTALL CASEWORK	29JUN95	22JUL95	10JUL95	2AUG95	11
.. 152*	35	35	0 SU	INSTALL HOSPITAL & MISCELLANEOUS EQUIPMENT	29JUN95	2AUG95	29JUN95	2AUG95	0
.. 153*	14	14	0 SU	INSTALL MISCELLANEOUS BUILDING EQUIPMENT	29JUN95	12JUL95	20JUL95	2AUG95	21
.. 143*	16	16	0 PR	INSTALL 30% MILLWORK	8JUN95	23JUN95	13JUN95	28JUN95	5
.. 146	16	16	0	COMPLETE MILLWORK	24JUN95	9JUL95	30JUN95	15JUL95	-6
.. 155	18	18	0 SU	20% PAINT & FINISH	23JUL95	9AUG95	16JUL95	2AUG95	-7
.. 143	16	16	0 PR	INSTALL 30% MILLWORK	8JUN95	23JUN95	13JUN95	28JUN95	5
.. 144*	21	21	0 PR	INSTALL RESILIENT FLOORS	8JUN95	28JUN95	8JUN95	28JUN95	0
.. 150	3	3	0	GOVERNMENT TEST X-RAY PROTECTION	29JUN95	1JUL95	31JUL95	2AUG95	32
.. 156	7	7	0 SU	CLEAR UP BUILDING	10AUG95	16AUG95	3AUG95	9AUG95	-7
.. 82	130	150	0 PR	DELIVER CASEWORK	28OCT94	26MAR95	10FEB95	9JUL95	105
.. 143	16	16	0 PR	INSTALL 30% MILLWORK	8JUN95	23JUN95	13JUN95	28JUN95	5
.. 144*	21	21	0 PR	INSTALL RESILIENT FLOORS	8JUN95	28JUN95	8JUN95	28JUN95	0
.. 151	24	24	0	INSTALL CASEWORK	29JUN95	22JUL95	10JUL95	2AUG95	11
.. 156	7	7	0 SU	CLEAN UP BUILDING	10AUG95	16AUG95	3AUG95	9AUG95	-7
.. 83	180	180	0 PR	DELIVER HOSPITAL & HSC. EQUIPMENT	23OCT94	20JUN95	31DEC94	28JUN95	8
.. 143	16	16	0 PR	INSTALL 30% MILLWORK	8JUN95	23JUN95	13JUN95	28JUN95	5
.. 144*	21	21	0 PR	INSTALL RESILIENT FLOORS	8JUN95	28JUN95	8JUN95	28JUN95	0
.. 203	240	237	1 PR	DELIVER GOVT. FURN. HOSP. EQUIP.	25OCT94A	21JUN95			
.. 152	35	35	0	INSTALL HOSPITAL & MISCELLANEOUS EQUIPMENT	29JUN95	2AUG95	29JUN95	2AUG95	0
.. 156	7	7	0 SU	CLEAN UP BUILDING	10AUG95	16AUG95	3AUG95	9AUG95	-7
.. 84	90	90	0 PR	DELIVER HSC. BUILDING EQUIPMENT	28OCT94	25JAN95	21APR95	19JUL95	175
.. 143	16	16	0 PR	INSTALL 30% MILLWORK	8JUN95	23JUN95	13JUN95	28JUN95	5
.. 144*	21	21	0 PR	INSTALL RESILIENT FLOORS	8JUN95	28JUN95	8JUN95	28JUN95	0

Figure 6-8 Cont.

6-21

31 Oct 97

REPORT DATE 13JAN95 RUN NO. 279  
13:35

## PRIMAVERA PROJECT PLANNER PRECEDENCE REPORT

START DATE 1JUL94 FIN DATE 16AUG95\*

## SCHEDULE REPORT - DETAILED PRECEDENCE ANALYSIS

DATA DATE 28OCT94 PAGE NO. 8

ACTIVITY ID	ORIG DUR	REM DUR	%	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
.. 153	14	14	0	INSTALL MISCELLANEOUS BUILDING EQUIPMENT	29JUN93	12JUL93	20JUL93	2AUG93	21
.. 156	7	7	0 SU	CLEAN UP BUILDING	10AUG93	16AUG93	3AUG93	9AUG93	-7
.. 52	75	75	0 PR	DELIVER DOOR CANOPIES & SIGNS	28OCT94	10JAN95	10MAY95	23JUL93	194
.. 103*	27	27	0 PR	EXTERIOR MASONRY WALLS	3JAN95	29JAN95	25JAN95	20FEB95	22
.. 154	10	10	0	INSTALL DOOR CANOPIES & SIGNS	30JAN95	8FEB95	26JUL93	2AUG93	173
.. 156	7	7	0 SU	CLEAN UP BUILDING	10AUG93	16AUG93	3AUG93	9AUG93	-7
.. 139*	45	45	0 PR	SOX COMPLETE PAINT & FINISH	8JUN93	22JUL93	1JUN95	15JUL93	-7
.. 146	16	16	0 PR	COMPLETE MILLWORK	24JUN93	9JUL93	30JUN93	15JUL93	6
.. 155	18	18	0	20% PAINT & FINISH	23JUL93	9AUG93	16JUL93	2AUG93	-7
.. 156*	7	7	0 SU	CLEAN UP BUILDING	10AUG93	16AUG93	3AUG93	9AUG93	-7
.. 128	17	17	0 PR	TOILET PARTITIONS & ACCESSORIES	7MAY93	23MAY93	17JUL93	2AUG93	71
.. 142	16	16	0 PR	VINYL WALL COVER	8JUN93	21JUN93	20JUL93	2AUG93	42
.. 150	3	3	0 PR	GOVERNMENT TEST X-RAY PROTECTION	29JUN93	1JUL95	31JUL93	2AUG93	32
.. 151	24	24	0 PR	INSTALL CASEWORK	29JUN93	22JUL93	10JUL95	2AUG93	11
.. 152	35	35	0 PR	INSTALL HOSPITAL & MISCELLANEOUS EQUIPMENT	29JUN93	2AUG93	29JUN93	2AUG93	0
.. 153	14	14	0 PR	INSTALL MISCELLANEOUS BUILDING EQUIPMENT	29JUN93	12JUL93	20JUL93	2AUG93	21
.. 154	10	10	0 PR	INSTALL DOOR CANOPIES & SIGNS	30JAN95	8FEB95	24JUL93	2AUG93	173
.. 155*	18	18	0 PR	20% PAINT & FINISH	23JUL93	9AUG93	16JUL93	2AUG93	-7
.. 156	7	7	0	CLEAN UP BUILDING	10AUG93	16AUG93	3AUG93	9AUG93	-7
.. 174*	5	5	0 SU	SELL JOB	17AUG93	21AUG93	10AUG93	14AUG93	-7
.. 27*	15	0	100 PR	CONCRETE DESIGN MIX	6JUL94A	21JUL94A			
.. 31*	32	0	100 PR	DEMOLITION & SITE GRADING	18JUL94A	19AUG94A			
.. 48*	15	0	100 PR	DELIVER REINFORCING STEEL	27JUL94A	14AUG94A			
.. 160	60	60	0	DELIVER & INSTALL STORM DRAINA	28OCT94	26DEC94	3MAR95	1MAY95	126
.. 167	42	42	0 SU	SUBGRADE & BASE FOR PAVING	26JAN95	8MAR95	20AUG93	12JUN93	96
.. 31*	32	0	100 PR	DEMOLITION & SITE GRADING	18JUL94A	19AUG94A			
.. 157*	43	0	100 PR	DELIVER OUTSIDE ELEC. & PLUMBING MAT.	23AU94A	23SEP94A			
.. 161	43	43	0	OUTSIDE PLUMBING	28OCT94	11DEC94	18MAR95	1MAY95	141
.. 167	42	42	0 SU	SUBGRADE & BASE FOR PAVING	26JAN95	8MAR95	2MAY95	12JUN93	96
.. 173	14	14	0 SU	TEST MECHANICAL & ELECTRICAL EQUIPMENT	20JUL95	2AUG95	27JUL93	9AUG93	7
.. 31*	32	0	100 PR	DEMOLITION & SITE GRADING	18JUL94A	19AUG94A			
.. 157*	43	0	100 PR	DELIVER OUTSIDE ELEC. & PLUMBING MAT.	23AU94A	23SEP94A			
.. 162	90	90	0	OUTSIDE ELECTRICAL	28OCT94	25JAN95	1FEB95	1MAY95	96
.. 167*	42	42	0 SU	SUBGRADE & BASE FOR PAVING	26JAN95	8MAR95	2MAY95	12JUN93	96
.. 173	14	14	0 SU	TEST MECHANICAL & ELECTRICAL EQUIPMENT	20JUL95	2AUG95	27JUL93	9AUG93	7
.. 160	60	60	0 PR	DELIVER & INSTALL STORM DRAINA	28OCT94	26DEC94	3MAR95	1MAY95	126
.. 161	45	45	0 PR	OUTSIDE PLUMBING	28OCT94	11DEC94	10MAR95	1MAY95	141
.. 162*	90	90	0 PR	OUTSIDE ELECTRICAL	28OCT94	25JAN95	1FEB95	1MAY95	96
.. 167	42	42	0	SUBGRADE & BASE FOR PAVING	26JAN95	8MAR95	2MAY95	12JUN93	96
.. 168*	21	21	0 SU	CURB & GUTTER	9MAR95	29MAR95	13JUN93	3JUL93	96

Figure 6-8 Cont.

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31 Oct 97

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## PRIMAVERA PROJECT PLANS

DA DISPENSARY, LACKLAND AFB, TEXAS

REPORT DATE 13JAN95 RUN NO. 279  
13:35

## PRIMAVERA PROJECT PLANNER PRECEDENCE REPORT

START DATE 1JUL94 FIN DATE 14AUG95

## SCHEDULE REPORT - DETAILED PRECEDENCE ANALYSIS

DATA DATE 28OCT94 PAGE NO. 9

ACTIVITY ID	ORIG DUR	REM DUR	%	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
.. 167*	42	42	0 PR	SUBGRADE & BASE FOR PAVING	26JAN95	0MAR95	2MAY95	12JUN95	96
.. 168	21	21	0	CURB & GUTTER	0MAR95	29MAR95	13JUN95	3JUL95	96
.. 169*	21	21	0 SU	SIDEWALKS	30MAR95	19APR95	4JUL95	24JUL95	96
.. 170*	10	10	0 SU	ASPHALT PAVING	30MAR95	8APR95	19JUL95	24JUL95	107
.. 168*	21	21	0 PR	CURB & GUTTER	0MAR95	29MAR95	13JUN95	3JUL95	96
.. 169	21	21	0	SIDEWALKS	30MAR95	19APR95	4JUL95	24JUL95	96
.. 172*	16	16	0 SU	TOPSOIL & FINE GRADING	20APR95	5MAY95	25JUL95	9AUG95	96
.. 168*	21	21	0 PR	CURB & GUTTER	0MAR95	29MAR95	13JUN95	3JUL95	96
.. 170	10	10	0	ASPHALT PAVING	30MAR95	8APR95	15JUL95	24JUL95	107
.. 172	16	16	0 SU	TOPSOIL & FINE GRADING	20APR95	5MAY95	25JUL95	9AUG95	96
.. 103	27	27	0 PR	EXTERIOR MASONRY WALLS	3JAN95	29JAN95	23JAN95	20FEB95	22
.. 169*	21	21	0 PR	SIDEWALKS	30MAR95	19APR95	4JUL95	24JUL95	96
.. 170	10	10	0 PR	ASPHALT PAVING	30MAR95	8APR95	15JUL95	24JUL95	107
.. 172	16	16	0	TOPSOIL & FINE GRADING	20APR95	5MAY95	25JUL95	9AUG95	96
.. 174	5	5	0 SU	SELL JOB	17AUG95	21AUG95	10AUG95	14AUG95	-7
.. 133*	70	70	0 PR	INSTALL MECHANICAL EQUIPMENT	11MAY95	19JUL95	16MAY95	26JUL95	7
.. 160*	42	42	0 PR	INSTALL ELECTRICAL FIXTURES & EQUIPMENT	8JUN95	19JUL95	15JUN95	26JUL95	7
.. 141	30	30	0 PR	INSTALL PLUMBING FIXTURES & EQUIPMENT	8JUN95	7JUL95	27JUN95	26JUL95	19
.. 161	45	45	0 PR	OUTSIDE PLUMBING	28OCT94	11DEC94	18MAY95	1MAY95	141
.. 162	90	90	0 PR	OUTSIDE ELECTRICAL	28OCT94	25JAN95	1FEB95	1MAY95	96
.. 173	14	14	0	TEST MECHANICAL & ELECTRICAL EQUIPMENT	20JUL95	2AUG95	27JUL95	9AUG95	7
.. 174	5	5	0 SU	SELL JOB	17AUG95	21AUG95	10AUG95	14AUG95	-7
.. 196*	7	7	0 PR	CLEAN UP BUILDING	10AUG95	16AUG95	3AUG95	9AUG95	-7
.. 172	16	16	0 PR	TOPSOIL & FINE GRADING	20APR95	5MAY95	25JUL95	9AUG95	96
.. 173	14	14	0 PR	TEST MECHANICAL & ELECTRICAL EQUIPMENT	20JUL95	2AUG95	27JUL95	9AUG95	7
.. 174	5	5	0	SELL JOB	17AUG95	21AUG95	10AUG95	14AUG95	-7
.. 201*	25	0	100 PR	NEG. CHANGE ORDER NO. 1	29SEP94A	23OCT94A			
.. 202	30	26	13	RESUB. HOSP. & MISC. EQUIP.	24OCT94A	22NOV94			
.. 58*	30	30	0 SU	GOVERNMENT APPROVE HOSPITAL &	23NOV94	22DEC94	1DEC94	30NOV94	8
.. 201*	25	0	100 PR	NEG. CHANGE ORDER NO. 1	29SEP94A	23OCT94A			
.. 203	240	237	1	DELIVER GOVT. FURN. HOSP. EQUIP.	25OCT94A	21JUN95			
.. 152	35	35	0 SU	INSTALL HOSPITAL & MISCELLANEOUS EQUIPMENT	29JUN95	2AUG95	29JUN95	2AUG95	7

Figure 6-8 Cont.

ACTIVITY ID	ORIG DUR	REM DUR	%	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
40	30	21	30	GOVERNMENT APPROVE BUILDER'S H	19OCT94A	17NOV94		10NOV94	-7
69	120	120	0	DELIVER BUILDER'S HARDWARE	18NOV94	17MAR95	11NOV94	10MAR95	-7
108	14	14	0	INSTALL METAL DOORS & ALUMINUM ENTRANCE	18MAR95	31MAR95	11MAR95	24MAR95	-7
116	14	14	0	STUCCO	1APR95	14APR95	25MAR95	7APR95	-7
120	14	14	0	CEILING SUSPENSION SYSTEM & INSULATION	15APR95	28APR95	8APR95	21APR95	-7
123	12	12	0	PLASTER CEILINGS	29APR95	10MAY95	22APR95	3MAY95	-7
130	28	28	0	30% PAINT & FINISH	11MAY95	7JUN95	4MAY95	31MAY95	-7
139	45	45	0	50% COMPLETE PAINT & FINISH	8JUN95	22JUL95	1JUN95	19JUL95	-7
155	18	18	0	20% PAINT & FINISH	23JUL95	9AUG95	16JUL95	2AUG95	-7
156	7	7	0	CLEAN UP BUILDING	10AUG95	16AUG95	3AUG95	9AUG95	-7
174	3	3	0	SELL JOB	17AUG95	21AUG95	10AUG95	16AUG95	-7
93	20	12	60	30% UNDERFLOOR MECH. & ELEC. R	20OCT94A	8NOV94		4NOV94	-4
94	50	50	0	FORM, PLACE, & CURE PAV SLABS & BEAMS	9NOV94	28DEC94	5NOV94	24DEC94	-4
95	50	50	0	70% UNDERFLOOR MECH. & ELEC. R	9NOV94	28DEC94	5NOV94	24DEC94	-4
100	3	3	0	ERECT STEEL COLUMNS & METAL DUCKS	29DEC94	2JAN95	29DEC94	29DEC94	-4
102	10	10	0	ERECT STRUCTURAL STEEL & JOISTS	3JAN95	12JAN95	30DEC94	8JAN95	-4
109	12	12	0	INSTALL ROOF DECK	13JAN95	24JAN95	9JAN95	20JAN95	-4
110	21	21	0	ROOFING & SHEET METAL	25JAN95	14FEB95	21JAN95	10FEB95	-4
113	36	36	0	AIRCONDITIONING DUCTWORK	15FEB95	11APR95	11FEB95	7APR95	-4
122	22	22	0	CERAMIC TILE	19APR95	6MAY95	12APR95	3MAY95	-3
124	33	33	0	ACOUSTIC & OTHER CEILINGS	29APR95	2JUN95	27APR95	31MAY95	-2
144	21	21	0	INSTALL RESILIENT FLOORS	8JUN95	28JUN95	8JUN95	28JUN95	0
152	35	35	0	INSTALL HOSPITAL & MISCELLANEOUS EQUIPMENT	29JUN95	2AUG95	29JUN95	2AUG95	0
68	90	90	0	FABRICATE & DELIVER METAL WINDOWS	28OCT94	25JAN95	30OCT94	27JAN95	2

6-24

Figure 6-9

1 Oct 97  
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Jy. Con Construction Company

REPORT DATE 13JAN95 RUN NO. 276  
13:30  
TOTAL FLOAT LESS THAN 14 DAYS

PRIMAVERA PROJECT

PRIMAVERA PROJECT PLANNER PRECEDENCE REPORT

DA DISPENSARY, LACKLAND AFB, TEXAS

START DATE 1JUL94 FIN DATE 14AUG95  
DATA DATE 28OCT94 PAGE NO. 2

ACTIVITY ID	ORIG DUR	REM DUR	%	ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	LATE START	LATE FINISH	TOTAL FLOAT
111	14	14	0	INSTALL METAL WINDOWS	26JAN95	0FEB95	28JAN95	10FEB95	2
121	14	14	0	PLASTER WALLS	15APR95	28APR95	20APR95	3MAY95	5
143	16	16	0	INSTALL SOX MILLWORK	8JUN95	23JUN95	13JUN95	28JUN95	5
146	16	16	0	COMPLETE MILLWORK	24JUN95	09JUL95	30JUN95	15JUL95	6
203	240	237	1	DELIVER GOVT. FURN. HOSP. EQUIP.	25OCT94A	21JUN95		28JUN95	7
133	70	70	0	INSTALL MECHANICAL EQUIPMENT	11MAY95	19JUL95	18MAY95	26JUL95	7
140	42	42	0	INSTALL ELECTRICAL FIXTURES & EQUIPMENT	8JUN95	19JUL95	13JUN95	26JUL95	7
173	14	14	0	TEST MECHANICAL & ELECTRICAL EQUIPMENT	20JUL95	2AUG95	27JUL95	9AUG95	7
202	30	26	13	RESUB. HOSP. & MISC. EQUIP.	26OCT94A	22NOV94		30NOV94	8
58	30	30	0	GOVERNMENT APPROVE HOSPITAL &	23NOV94	22DEC94	1DEC94	30DEC94	8
83	180	180	0	DELIVER HOSPITAL & MISC. EQUIPMENT	23DEC94	20JUN95	31DEC94	28JUN95	8
114	42	42	0	INTERIOR PARTITIONS	15FEB95	20MAR95	25FEB95	7APR95	10
151	24	24	0	INSTALL CASEWORK	29JUN95	22JUL95	10JUL95	2AUG95	11

6-25

Figure 6-9 Cont.