

SAMPLE CERT (ACCEPTED) PROGRAM RUN

RVA DEPT

CERT 10/14/79 09:27:43

DO YOU WANT INSTRUCTIONS? TYPE Y OR N ? >N

ENTER FIVE DIGIT PROJECT NUMBER ? 035001

IS THIS PROJECT A BSPPA (Y/N)? >Y

UNACCEPTED 2330A COSTS ALREADY EXIST FOR THIS PROJECT.

DO YOU WANT TO REMOVE OR MODIFY THE EXISTING COSTS (Y/N)? >Y

DO YOU WISH TO MODIFY(MOD) OR REMOVE(REM) ENTIRELY THE EXISTING

2330A COSTS AND REENTER REVISED 2330A COSTS (MOD/REM)? >MOD

I WILL ASK FOR TRADE ITEMS 30 THRU 61 FIRST; THEN ITEMS 102 THRU 120

ENTER THE TRADE ITEM NUMBER FROM 30 THRU 61; ENTER 999 IF NO MORE 330

THE PRESENT VALUE FOR 30 CONCRETE IS 145000

ENTER THE NEW VALUE ? 110500

NEXT ITEM NUMBER ? 34

THE PRESENT VALUE FOR 34 FINISH CARPENTRY IS 205000

ENTER THE NEW VALUE ? 220000

NEXT ITEM NUMBER ? 999

ENTER ITEMS 102 THRU 120; 999 IF NO MORE ? 102

THE PRESENT VALUE FOR 102 EARTHWORK IS 27700

ENTER THE NEW VALUE ? 323600

NEXT ITEM NUMBER ? 999

DO YOU WANT A RECAP REPORT (Y/N) ? >Y

RECAPITULATION OF COSTS FOR 35001

09:33:08 12/14/79

TRADE ITEM	FIRM COSTS	CHNG COSTS	TOTAL COSTS	PERCENT OF TTL TO FIRM COST	TRADE ITEM RATIOS FOR MULTIPLE STRUCTURE TYPE			ACTUAL COSTS FROM 2330-A	VARIANCE	
					UNIT 1	UNIT 2	UNIT 3		DOLLARS	PERCENT
30 CONCRETE	105233	0	105233	5.13 %	100.00 %	.00 %	.00 %	105100	-133	-1.13 %
31 MASONRY	0	0	0	.00 %	100.00 %	.00 %	.00 %	0	0	.00 %
32 METALS	13835	0	13835	.67 %	100.00 %	.00 %	.00 %	14000	165	1.19 %
33 ROUGH CARPENTRY	475971	23560	499531	24.34 %	100.00 %	.00 %	.00 %	478000	-21531	-4.31 %
34 FINISH CARPENTRY	20431	0	20431	1.00 %	100.00 %	.00 %	.00 %	20600	169	.83 %
35 WATERPROOFING	0	0	0	.00 %	100.00 %	.00 %	.00 %	0	0	.00 %
36 INSULATION	41609	0	41609	2.03 %	100.00 %	.00 %	.00 %	42500	891	2.14 %
37 ROOFING	44021	0	44021	2.15 %	100.00 %	.00 %	.00 %	44000	-21	-.05 %
38 SHEET METAL	17203	0	17203	.84 %	100.00 %	.00 %	.00 %	17000	-203	-1.18 %
39 DOORS	63106	0	63106	3.08 %	100.00 %	.00 %	.00 %	64000	894	1.42 %
40 WINDOWS	31861	0	31861	1.55 %	100.00 %	.00 %	.00 %	32000	139	.44 %
41 GLASS	16983	0	16983	.83 %	100.00 %	.00 %	.00 %	18000	1017	5.99 %
42 LATH AND PLASTER	0	0	0	.00 %	100.00 %	.00 %	.00 %	0	0	.00 %
43 DRYWALL	143617	0	143617	7.01 %	100.00 %	.00 %	.00 %	145000	1183	.82 %
44 TILEWORK	14142	0	14142	.69 %	100.00 %	.00 %	.00 %	14500	358	2.53 %
45 ACOUSTICAL	25874	0	25874	1.26 %	100.00 %	.00 %	.00 %	25900	26	.10 %
46 WOOD FLOORING	0	0	0	.00 %	100.00 %	.00 %	.00 %	0	0	.00 %
47 RESILIENT FLOORING	17931	0	17931	.87 %	100.00 %	.00 %	.00 %	18000	69	.38 %
48 PAINTING & DECORATING	68703	0	68703	3.35 %	100.00 %	.00 %	.00 %	69000	297	.43 %
49 SPECIALTIES	32191	0	32191	1.57 %	100.00 %	.00 %	.00 %	32500	309	.96 %
50 SPECIAL EQUIPMENT	0	0	0	.00 %	100.00 %	.00 %	.00 %	0	0	.00 %
51 CABINETS	83985	0	83985	4.09 %	100.00 %	.00 %	.00 %	84000	15	.02 %
52 APPLIANCES	101308	0	101308	4.94 %	100.00 %	.00 %	.00 %	101500	192	.19 %
53 BLINDS, SHADES, ETC	24087	0	24087	1.17 %	100.00 %	.00 %	.00 %	25000	913	3.79 %
54 CARPETS	74732	0	74732	3.64 %	100.00 %	.00 %	.00 %	75000	268	.36 %
55 SPECIAL CONSTRUCTION	0	0	0	.00 %	100.00 %	.00 %	.00 %	0	0	.00 %
56 ELEVATORS	0	0	0	.00 %	100.00 %	.00 %	.00 %	0	0	.00 %
57 PLUMBING	199216	0	199216	9.71 %	100.00 %	.00 %	.00 %	200000	784	.39 %
58 HEATING & VENTILATING	127211	0	127211	6.28 %	100.00 %	.00 %	.00 %	127000	-211	-.17 %
59 AIR CONDITIONING	0	0	0	.00 %	100.00 %	.00 %	.00 %	0	0	.00 %
60 ELECTRICAL	177464	0	177464	8.65 %	100.00 %	.00 %	.00 %	177500	36	.02 %
61 ACCESSORY STRUCTURES	107709	0	107709	5.25 %	100.00 %	.00 %	.00 %	108000	291	.27 %
62 TOTAL (STRUCTURES)	2020623	23560	2052183	100.00 %	100.00 %	.00 %	.00 %	2038100	-14083	-.69 %
100 EARTHWORK	29608	0	29608	9.97 %	100.00 %	.00 %	.00 %	29600	-8	-.03 %
101 SITE UTILITIES	74709	0	74709	25.15 %	100.00 %	.00 %	.00 %	75000	291	.39 %
102 ROADS & WALKS	69629	0	69629	23.44 %	100.00 %	.00 %	.00 %	70000	371	.53 %
103 SITE IMPROVEMENTS	58103	0	58103	19.56 %	100.00 %	.00 %	.00 %	59000	897	1.54 %
104 LAWNS & PLANTING	64991	0	64991	21.86 %	100.00 %	.00 %	.00 %	65000	9	.01 %
105 UNUSUAL SITE CONDITIONS	0	0	0	.00 %	100.00 %	.00 %	.00 %	0	0	.00 %
106 TOTAL (LAND IMPROV)	197040	0	197040	100.00 %	100.00 %	.00 %	.00 %	198000	1760	.89 %
107 TOTAL (LAND & STRUCTURES)	2325663	23560	2349223	.00 %	100.00 %	.00 %	.00 %	2336900	-12323	-.52 %
108 GENERAL REQUIREMENTS	69770	707	70477	.06 %	100.00 %	.00 %	.00 %	69800	-677	-.96 %
109 SUBTOTAL (LINES 109-110)	2395403	24267	2419700	.00 %	100.00 %	.00 %	.00 %	2406700	-13000	-.54 %
110 BUILDER'S OVERHEAD	47909	485	48394	.06 %	100.00 %	.00 %	.00 %	48000	-394	-.81 %
111 BUILDER'S PROFIT	0	0	0	.00 %	100.00 %	.00 %	.00 %	0	0	.00 %
112 SUBTOTAL (LINES 111-113)	2443342	24752	2468094	.00 %	100.00 %	.00 %	.00 %	2454700	-13394	-.54 %
113 ARCHITECT FEE (PRIOR)	76893	0	76893	.06 %	100.00 %	.00 %	.00 %	76893	0	.00 %
114 ARCHITECT FEE (DURING)	25631	0	25631	.06 %	100.00 %	.00 %	.00 %	26000	369	1.44 %
115 OTHER FEES	3000	0	3000	.06 %	100.00 %	.00 %	.00 %	3000	0	.00 %
116 BOND PREMIUM	17942	0	17942	.06 %	100.00 %	.00 %	.00 %	18000	58	.32 %
117 SUBTOTAL (LINES 112-116)	171375	485	171860	.06 %	100.00 %	.00 %	.00 %	171893	33	.02 %
118 SUPRA ADJUSTMENTS	0	0	0	.00 %	100.00 %	.00 %	.00 %	0	0	.00 %
119	0	0	0	.00 %	100.00 %	.00 %	.00 %	0	0	.00 %
120 TOTAL ALL IMPROVEMENTS	2566808	24752	2591560	.00 %	100.00 %	.00 %	.00 %	2578593	-12967	-.50 %



FOR DATA PURPOSES, DO YOU WANT TO REVISE ANY OF THE ACTUAL COST DATA FROM THE 2330-A? Y OR N ? >Y
I WILL ASK FOR TRADE ITEMS 30 THRU 61 FIRST; THEN ITEMS 102 THRU 120

ENTER THE TRADE ITEM NUMBER FROM 30 THRU 61; ENTER 999 IF NO MORE? >30
THE PRESENT VALUE FOR 30 CONCRETE IS 185100
ENTER THE NEW VALUE ? >100000
NEXT ITEM NUMBER ? >999
ENTER ITEMS 102 THRU 120; 999 IF NO MORE ? >999
DO YOU WANT A MULTIPLE 2330 REPORT REFLECTING THIS DATA, Y OR N ? >Y

PROJECT COST ESTIMATE DATE: 12/14/79 TIME: 09:38:46

1 EFFECTIVE COST DATE 08/01/80
 2 SOURCE CERT
 5 NAME OF PROJECT: SAMPLE APARTMENTS
 6 LOCATION: 10 MAIN STREET ANNTOWN ANT COUNTY VA.
 7 TYPE OF PROJECT: WALK-UP
 8 BUILDING IDENTIFICATION: #
 9 NUMBER OF BUILDINGS: 10
 10 NUMBER OF FLOORS: 2.0
 11 NUMBER OF UNITS,BEDS, OR FACILITIES: 114
 12 STRUCTURAL SYSTEM: WOOD FLOOR SYSTEM: WOOD
 13 EXTERIOR FINISH: WOOD WOOD NONE
 14 SUB-FOUNDATION: #
 15 NUMBER OF BASEMENTS: #
 16 ACCESSORY STRUCTURES: LDT/POOL/ST REC BL
 17 GROSS LAND AREA AND SQ. FT. COST: 287191 1.05
 18 COMPARABLE DATA BANK PROJECTS: 435513 * 35513 35425 35448

3 PROJECT NO. 020 /35801
 4 SECTION OF ACT 221D4
 GROSS AREA
 19 NET RESIDENTIAL: 69,793
 20 COMMERCIAL: #
 21 BSMNT. & STORAGE: #
 22 GARAGE(BUILT-IN): #
 23 LOBBY: #
 24 HALLS,STAIRS,ELEV: #
 25 - #
 26 - #
 27 - #
 29 TOTAL: 76,633
 RESID/GROSS AREA RATIO: .91

TRADE ITEM	D Q- I DE. V.	ACTUAL COST	COL.B COL.C SF COST COST	% OF TOTAL
32 CONCRETE	3 1	100,000	1,3049	4.92
33 MASONRY	4 0	0	.0000	.00
34 METALS	5 0	14,000	1,827	.69
35 ROUGH CARPENTRY	6 0	478,000	6,2375	23.51
36 FINISH CARPENTRY	7 0	20,600	2,688	1.01
37 WATERPROOFING	7 0	0	.0000	.00
38 INSULATION	7 1	42,500	5,546	2.09
39 ROOFING	7 1	44,000	5,742	2.16
39 SHEET METAL	7 0	17,000	2,218	.84
39 DOORS	8 0	64,000	8,351	3.15
40 WINDOWS	8 1	32,000	4,176	1.57
41 GLASS	8 2	18,000	2,345	.89
42 LATH AND PLASTER	9 0	0	.0000	.00
43 DRYWALL	9 0	145,000	1,8921	7.13
44 TILE WORK	9 0	14,500	1,888	.71
45 ACOUSTICAL	9 0	25,900	3,360	1.27
46 WOOD FLOORING	9 0	0	.0000	.00
47 RESILIENT FLOORING	9 0	18,000	2,349	.89
48 PAINTING-DECORATING	9 0	69,000	8,904	3.39
49 SPECIALTIES	10 2	32,500	4,205	1.60
50 SPECIAL EQUIPMENT	11 0	0	.0000	.00
51 CABINETS	11 1	84,000	10,800	4.13
52 APPLIANCES	11 1	101,500	13,188	5.08
53 BLINDS,SHADES,ARTWORK	12 0	25,000	3,229	1.23
54 CARPETS	12 0	75,000	9,737	3.69
55 SPECIAL CONSTRUCTION	13 0	0	.0000	.00
56 ELEVATORS	14 0	0	.0000	.00
57 PLUMBING-HOT WATER	15 3	200,000	25,806	9.84
58 HEAT-VENTILATION	15 0	127,000	16,406	6.25
59 AIR CONDITIONING	15 0	0	.0000	.00
60 ELECTRICAL	16 0	177,500	22,844	8.73
SUBTOTAL		1,925,000	247,664	100.00%
61 ACCESSORY STRUCTURES	0	108,000	13,947	5.31
62 TOTAL (STRUCTURES)		\$ 2,033,000	261,611	100.00%

MISCELLANEOUS AREAS
 (COST REFLECTED IN TOTAL FOR ALL IMPROVEMENTS)

AREA	COST
63 GARAGE	0 \$ 0
64 PORCH	0 \$ 0
65 CARPORT	0 \$ 0
66 BALCONY	0 \$ 0
67 #	0 \$ 0
68 #	0 \$ 0
69 #	0 \$ 0

BUILDING COMPOSITION AND APPLIANCES

NO.	NO.	AVG. SIZE
70 GARAGE	0 81 EFF.	37 458
71 CARPORT	0 82 1-BR	37 584
72 BATHS	129 83 2-BR	39 805
73 HALF BATHS	0 84 3-BR	0 0
74 REFRIG.	114 85 4-BR	0 0
75 RANGE/OVEN	114 86 5-BR	0 0
76 BLT-IN R60	0 87 CECE	0 0
77 KITCHEN FAN	114 88 NR 1	1 584
78 DISPOSAL	114 89	0 0
79 DISHWASHER	114 90	0 0
80 BATHRM FAN	0	0 0

COSTS NOT ATTRIBUTABLE

DESCRIPTION	COST
91 PARKING	15,788
92 COMM BLDG	103,000
93	0
94	0
95	0
96	0
97	0
98	0
99 TOTAL	\$ 118,788
100 GROSS SQ. FT. PER UNIT	672

TRADE ITEM	UNIT	PROJECT COST ESTIMATE		
		ACTUAL COST	COL'S COL'D GROSS COST	% OF GROSS UNIT TOTAL
100 SITE UTILITIES	C 0	75,000	2612	25.10
105 DRAINAGE AND WALKS	C 0	70,000	2407	23.43
110 SITE IMPROVEMENTS	C 0	59,000	2054	19.75
120 LANDSCAPE AND PLANTING	C 0	65,000	2260	21.75
130 ANNUAL SITE COND.	0	0	0.0000	.00
132 TOTAL (LAND IMPROVEMENTS)		\$ 299,000		
*S.F. COSTS BASED ON GROSS LAND AREA				
145 TOTAL (LAND-STRUCTURE)		\$ 2,031,800		
112 GENERAL REQUIREMENTS		69,000		2.99
111 SUB-TOTAL (110-112)		\$ 2,401,600		
113 BUILDERS OVERHEAD		48,000	421	2.00
114 BUILDERS PROFIT		0	0	.00
115 SUB-TOTAL (111-115)		\$ 2,449,600		
116 ARCHITECT FEE (PRIOR CONST.)		76,000	675	3.14
117 ARCHITECT FEE (DURING CONST.)		26,000	228	1.06
118 OTHER FEES		3,000	26	.12
119 BOND PREMIUM		16,000	158	.73
120 SUB-TOTAL (113-119)		171,000		
121 BERRA ADJUSTMENT		0		
122 TOTAL ALL IMPROVEMENTS		\$ 2,570,400		

PAGE 2
ONSITE SPECIAL EXTERIOR LAND IMPROVEMENT

DESCRIPTION	COST
123	0
124	0
125	0
127 TOTAL	\$ 0
COMMERCIAL COSTS NOT ATTRIBUTABLE	
DESCRIPTION	COST
128	0
129	0
130	0
136 TOTAL	\$ 0
137 PAGE 1 TOTAL B	\$118,780
138 TOTAL "B"	\$118,780
139 B-A RATIO	5.09%
140 COST PER UNIT	\$ 22,575
141 BED OR FACILITY	

OFFSITE COSTS

DESCRIPTION	COST
141 8 IN SEWER	7,560
142 WTR MAIN	3,500
143	0
144	0
145	0
148 TOTAL	\$ 11,060
DEMOLITION	
DESCRIPTION	COST
149	0
150	0
154 TOTAL	\$ 0

ESTIMATE PREPARED..... DATE 12/14/79

ESTIMATE REVIEWED..... DATE 12/14/79

REMARKS:

DO YOU WANT TO END FIGURES AS FINAL FOR DATA PURPOSES?
IF YES THE FILE WILL BE CHANGED TO REFLECT THE ACTUAL COST FIGURES AS REVISED.
IF NO NO CHANGES WILL BE MADE TO THE FILES AND THE PROGRAM WILL TERMINATE.
YOU MAY COME BACK AT A LATER TIME TO ACCEPT THESE FIGURES AS FINAL FOR DATA PURPOSES.
THE CHANGES MADE TO DATE BY THE F2407M PROGRAM WILL BE SAVED FOR YOU, AS WELL AS THE
ACTUAL COSTS THAT YOU HAVE ENTERED UNDER THIS PROGRAM. THE ONLY DATA NOT SAVED ARE THE REVISIONS
TO THE ACTUAL COST DATA THAT YOU HAVE ENTERED FOR DATA PURPOSES.
YOU MUST REENTER THESE OR OTHER FIGURES WHEN YOU DECIDE TO ACCEPT THIS AS A DEFIATED PROJECT.
TYPE IN Y OR N
WRITING COSTS FILE.....
END OF COST PROGRAM.....
FINISH
2