

**ANNUAL REPORT
1981-1982
CITY OF HILLSBORO
ENGINEERING AND BUILDING DEPARTMENTS
(Statistical Data Only)**



City Of Hillsboro

205 S.E. Second Ave. □ 648-0821 □ Hillsboro, Oregon 97123

September 30, 1982

Honorable Mayor, City Council, City Manager

Submitted herewith is the 1981-82 Annual Report (statistical information only) for the Engineering and Building Departments for the City of Hillsboro. This report presents the organizational structures and statistical information on the construction of public facilities and buildings during the period of July, 1981 to July, 1982. I have arranged this statistical report into two sections, one for the Engineering Department and one for the Building Department. Each of these sections has comparisons of public facility construction for the last three to four years, information on other facilities which are maintained by the City of Hillsboro, building activity valuation data, and organizational structures for both departments during the past four years. Much of the information is very informative and relates directly to the present economic conditions and home construction during the past year.

In the Engineering Department section, Table 1, entitled Comparison of Public Facilities Construction, shows that there was nearly a ten-fold decrease in the construction of sanitary sewer extensions in 1982-83 compared to 1978-79 levels. The construction of public water lines are less than half of the levels experienced during the past three years, and the construction of public street and storm drains remained quite constant due only to the construction of N.E. 25th Avenue, the N.E. 25th Avenue Extension and N.W. Freeman Street. All statistics for the Engineering Department show a rapid decline of privately funded public facilities construction due to the lack of new development and the existing high building lot inventory within the City. In the past four years the majority of public facilities were constructed with private funds. However, during the past fiscal year, most of the extensions were done with City funds, Local Improvement Districts, or by Grant funding. Tables 2 through 5 show the complete tabulation of facilities constructed during Fiscal Year 1981-82.

Other revealing information which reflects the economy and public facilities construction are the Engineering Department Organizational Structure Charts (Figures 1 through 5). These charts show that in 1979-80, the Engineering Department had approximately 19 full time employees. By the start of Fiscal Year 1982-83, the number of employees was reduced to 9 full time employees. I sincerely hope that work and funding availability will be sufficient to avoid

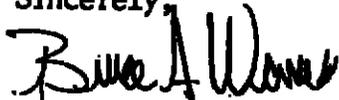
additional lay-offs. Within the past year the Engineering Department laid off six employees due to lack of work and budgetary constraints.

Tables 1 and 2 in the Building Department section reflect a similar downturn in construction during Fiscal Year 1981-82. It appears that our construction activity is approximately one-third of that experienced in 1980-81. Construction of new structures is only about 20% of the level in 1979. Again, the Organizational Structure charts (Figures 1 through 5) for the Building Department reflect a decrease in personnel made necessary due to reduced building activity. The Building Department through September, 1981 had six full time positions. The Building Department currently has only two full time positions and one quarter time position.

During the past fiscal year, I have continued to make gains in maximizing efficiency in both Engineering and Building Departments. Because of the lack of manpower and staff, it is mandatory that we increase our efficiency and effectiveness during the upcoming fiscal year. I feel that the majority of the goals and objectives which were established for the Engineering and Building Departments in the 1980-81 Annual Reports have been met. Work on long term planning and facilities development has been somewhat curtailed due to personnel limitations and the budget constraints but we will attempt to keep this work moving during this fiscal year.

If, after reviewing this statistical information, you have any questions or concerns, I would be pleased to discuss them with you.

Sincerely,



Bruce A. Warner
City Engineer/Building Official

TABLE OF CONTENTS

ENGINEERING DEPARTMENT

- Table 1 - Comparison of Public Facilities Construction 1978-1982
- Table 2 - Sanitary Sewer Construction - 1981-1982 (to date)
- Table 3 - Water Line Construction - 1981-1982 (to date)
- Table 4 - Street and Storm Sewer Construction - 1981-1982 (to date)
- Table 5 - Mileage of Roads Maintained by City - 1977-1981
- Figure 1 - Engineering Department Organizational Structure 1979-80
- Figure 2 - Engineering Department Organizational Structure 1980-81
- Figure 3 - Engineering Department Organizational Structure (actual thru Dec, 1981)
- Figure 4 - Engineering Department Organizational Structure (actual thru June, 1982)
- Figure 5 - Engineering Department Organizational Structure (actual 1982-85)

BUILDING DEPARTMENT

- Table 1 - Building Permits and Construction Values 1979-1982
- Table 2 - Building Permit Fees - 1975-1982
- Figure 1 - Building Department Organizational Structure (through Sept. 1981)
- Figure 2 - Building Department Organizational Structure (through June, 1982)
- Figure 3 - Building Department Organizational Structure (actual 1982-1983)

ENGINEERING DEPARTMENT

Table 1

COMPARISON OF PUBLIC FACILITIES CONSTRUCTION

<u>FISCAL YEAR</u>	<u>1978 to 1982 TOTAL COSTS</u>		
	<u>SANITARY SEWERS</u>	<u>WATER LINES</u>	<u>STREET & STORM DRAINAGE</u>
1978-79	\$1,234,008	\$1,083,557	\$2,737,068
1979-80	2,447,999	1,640,000	3,384,262
1980-81	900,983	845,145	1,327,000
1981-82	102,601	432,998	2,513,262

WATER LINE CONSTRUCTION - July 1, 1981 to Sept. 30, 1982
Approximate Costs & Materials

PROJECT NO.	PROJECT	COST	FOOTAGE INSTALLED BY SIZE						APPURTENANCES INSTALLED					SERVICES		
			18"	16"	12"	10"	8"	6"	4"	CROSS	TEES	VALVES	HYD		BENDS	
752	Woodland Park - On Site - Developer Built	2,192					1,045					8	5	2	5	Apts.
762	Mo-Ru - Partial	23,100			3,024					3	11	19	7	-	To school	
776	Hillsboro - Wolf Creek Inter Tie	170,543	5,085							1	2	1	1		-	
778	Tierra Morino - Developer Built	632					180					1			3	
780	Glennis Park - Developer Built	916					312	245				6	2	2	38	
781	PRV South First	26,069													-	
782	Winston Park - Developer Built	741					559	240	251			5	2	1	38	
784	Edith Park - Developer Built	1,034						87	137			2	1		8	
785	Andre Acres - Developer Built	1,138					308					1	1		10	
787	Jackson School Village - Developer Built	648						414			3	5	2	2	14	
790	Hawthorn Farm Vill. Apts. Lot 1 Dvlp. Built	184					1,093				7	3	3	7	5	
792	Sonrise Baptist Church - Dvlp. Built	3,008			1,244			440				6	5		1	
794	S.E. 247th	6,640						695				2	2		1	
795	Fencing Pipe Yard	5,403													-	
797	Hillsboro - Wolf Creek Meter	1,704													-	
798	TV Hwy at Rock Creek	9,914				1,707								7	-	
	N.E. 25th	157,620		3,932							16	20	7	4	rpl. 27	
	N.W. Freeman - Community Development Block Grant	21,512					1,894				3	3	3	3	rpl. 44	
	Total	432,998	5,085	3,932	4,268	1,707	5,391	2,121	388	4	50	79	38	31		

TABLE 3

STREET & STORM SEWER CONSTRUCTION- July 1, 1981 to Sept 1, 1982
Approximate Costs & Materials

PROJECT NO.	PROJECT	CONTRACT COST	FOOTAGE	STORM SEWER BY FOOTAGE										STM. SEW. MHS	
				60"	54"	42"	36"	27"	24"	21"	18"	15"	12"		
547	N.E. 25th Ave.	1,286,008	4,490	3,764	977	312	1,533	500	90			464			26
557	N.E. 25th - 28th Intertie	181,022	1,305						225			735	225		2
	Fairgrounds Tennis Courts 14-010-4-0-0-978-05-00	53,572	-												
	Street Overlay 1981	247,531	-												
	Street Overlay 1982	272,229	-												
	Slurry Seal 1982	53,463	-												
	Brogden Street Storm Sewer Informal 10-070-3-0-843-04-00	8,076	-												
	N.E. Darnielle Storm Sewer Informal	5,739	-											220	
	N.W. Freeman Avenue - Community Development Block Grant	206,477	1,911							953		152	500		5
	McKinney Park Phase I - Com. Dvlp Bk Gr	24,876	-												
	Phase II - Com. Dvlp Bk Gr	15,230	-												
	Edith Park - Developer built	33,000	290												
	Tierra Morino - Developer built	8,900	27												
	Glennis - Developer built	40,000	530											1,024	5
	Andre Acres - Developer Built	26,139	310											551	
	Winston Park - Developer Built	51,000	743									360	100		
	Total	2,513,262	9,666	3,764	977	312	1,533	500	315	953	1,559	477	2,295	38	

TABLE 4

Table 5

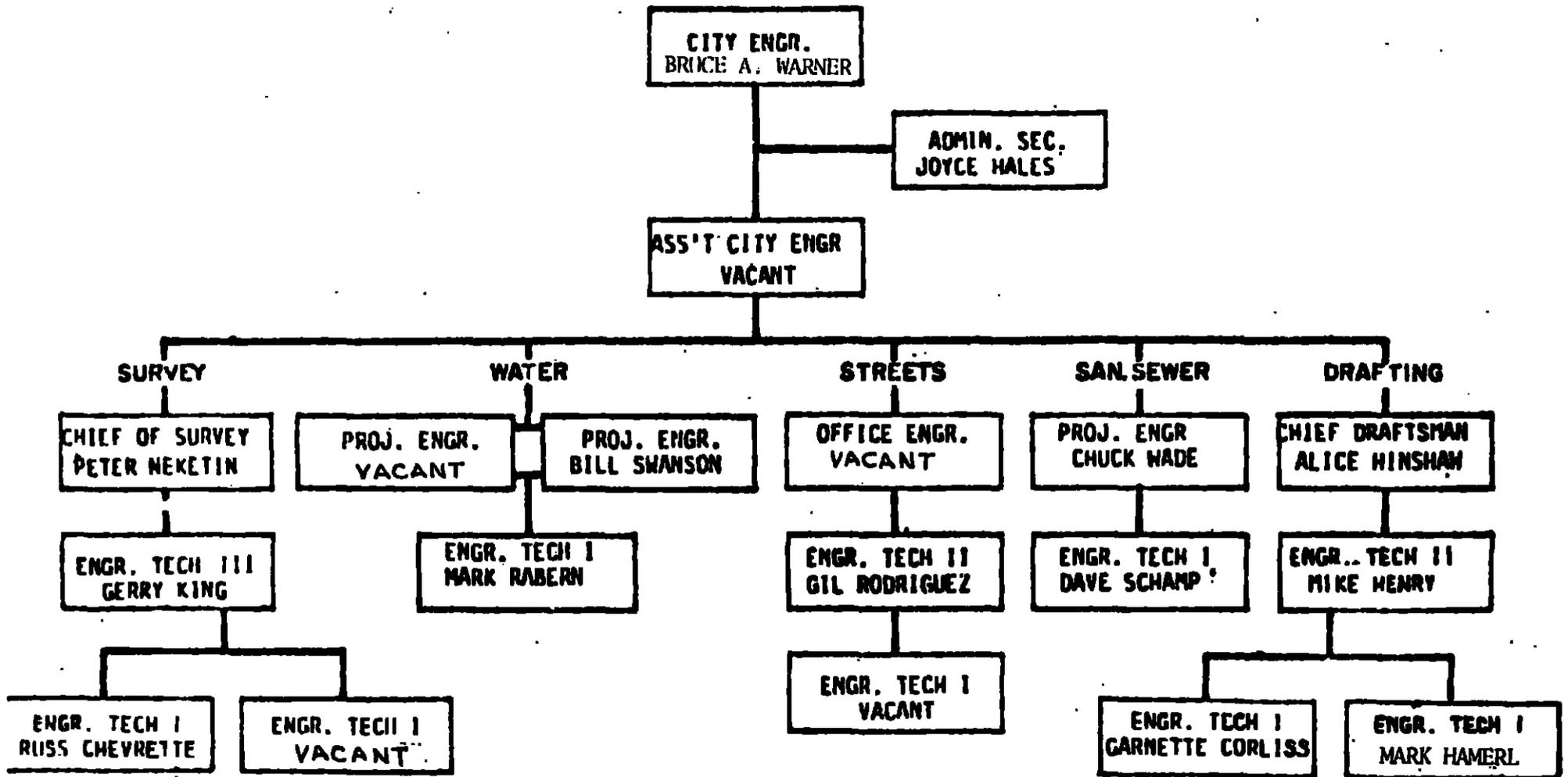
MILEAGE OF ROADS MAINTAINED

BY THE CITY OF HILLSBORO *

<u>YEAR ENDING</u>	<u>TOTAL MILEAGE</u>
Dec. 31, 1977	83.67
Dec. 31, 1978	90.72
Dec. 31, 1979	109.04
Dec. 31, 1980	111.51
Dec. 31, 1981	113.25

Figure 1

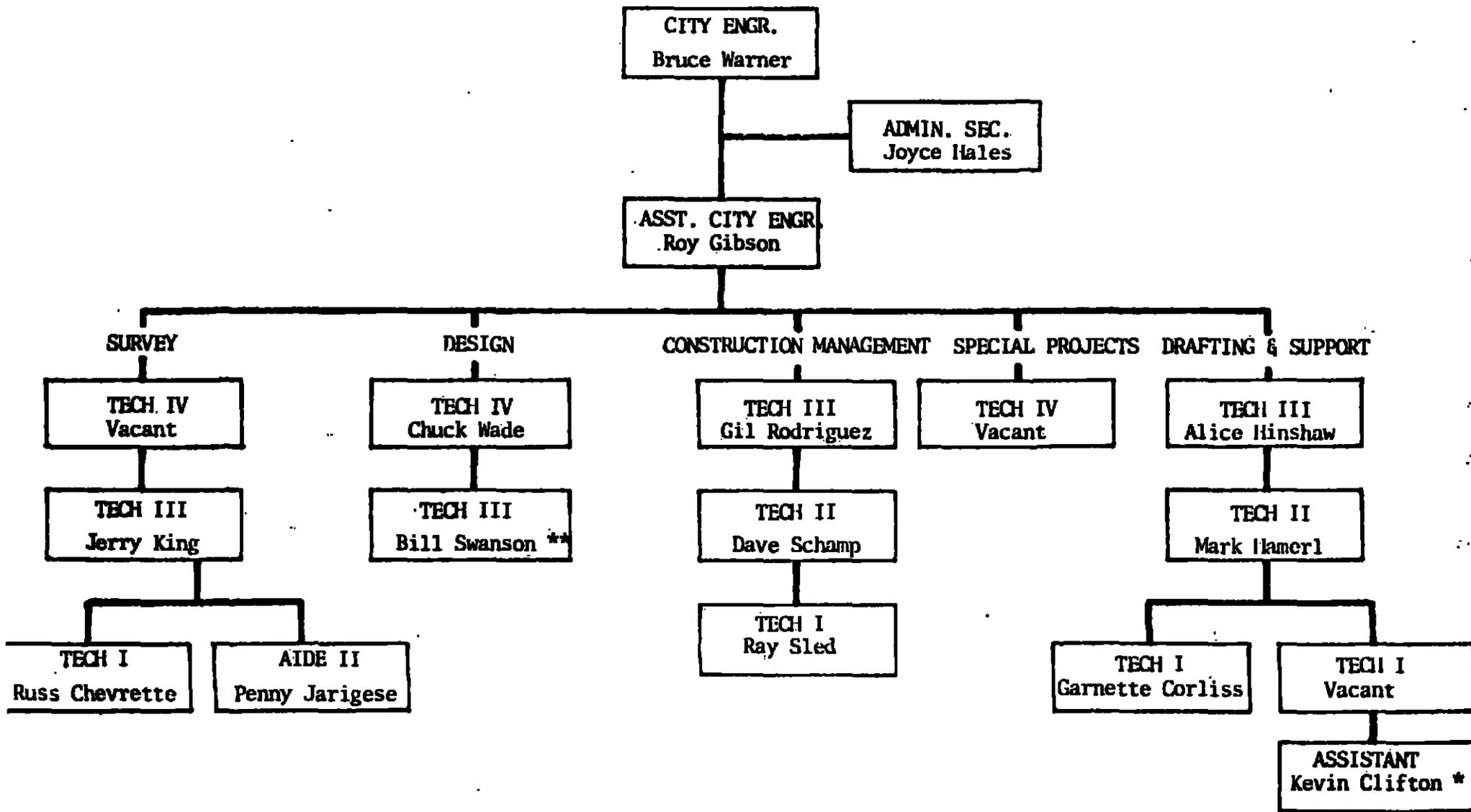
ENGINEERING DEPARTMENT ORGANIZATIONAL STRUCTURE 1979-1980



19 FULL TIME EMPLOYEES

Figure 2

ENGINEERING DEPARTMENT ORGANIZATIONAL STRUCTURE - 1980-81



17 FULL TIME EMPLOYEES

* Ceta

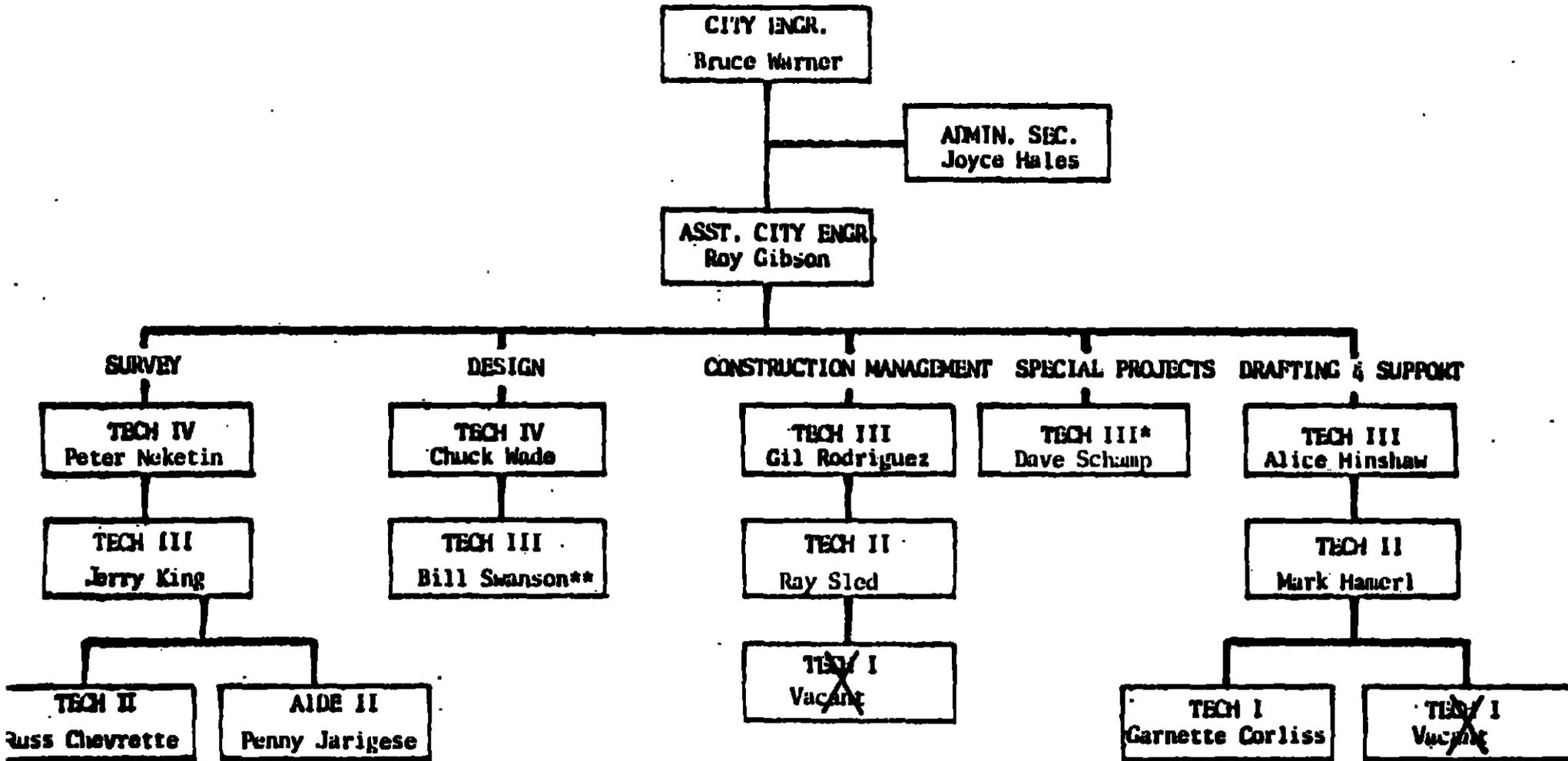
** Dual Role

July 15, 1980

Figure 3

ENGINEERING DEPARTMENT ORGANIZATIONAL STRUCTURE -

Actual to Dec. 1981



X ABOLISHED JULY 1981

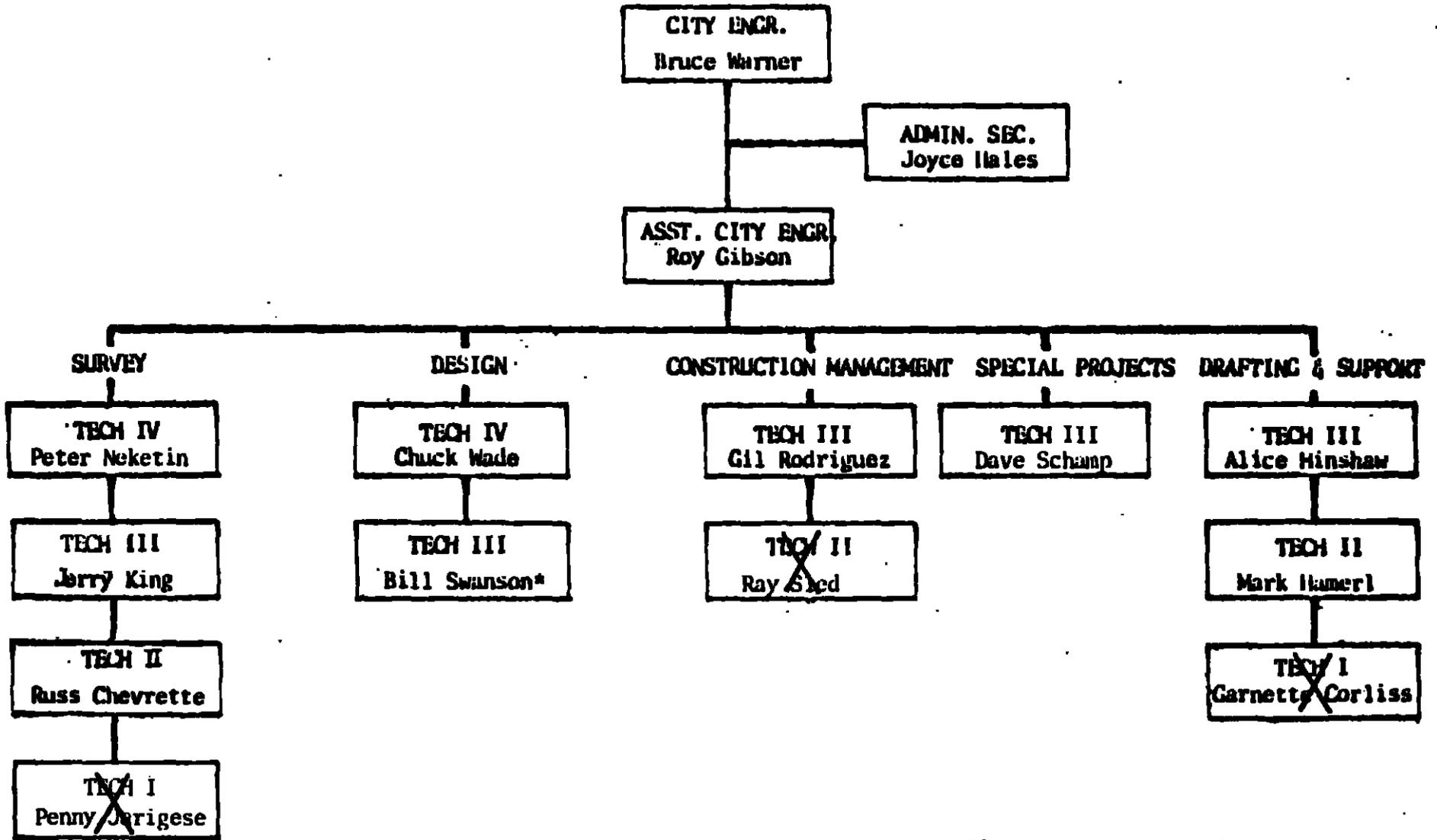
15 FULL TIME EMPLOYEES

* Actual Tech IV position (for upward mobility for one of Tech III's)

** Dual Role

Figure 4

ENGINEERING DEPARTMENT ORGANIZATIONAL STRUCTURE - ACTUAL TO JUNE 1982



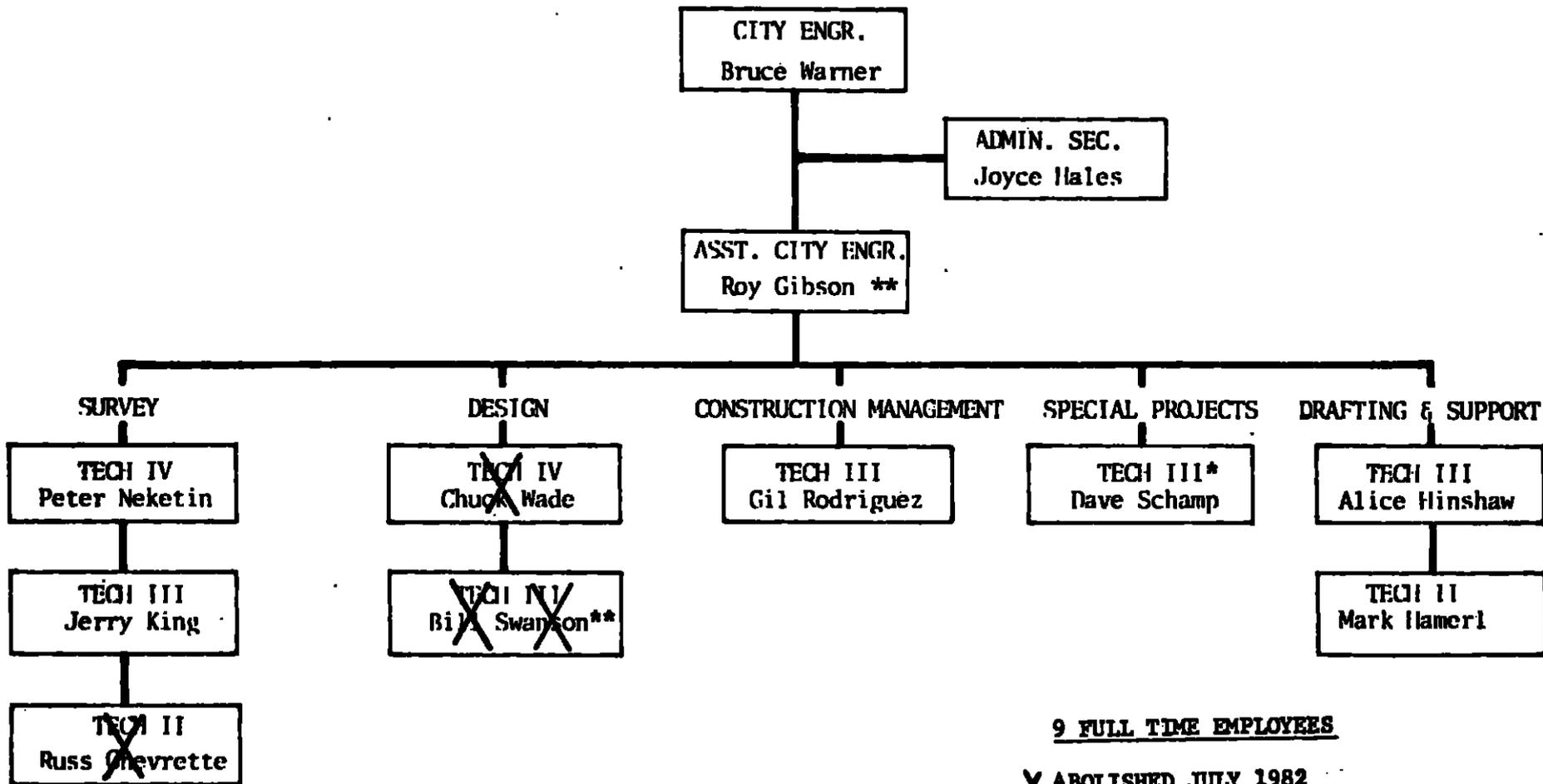
X ABOLISHED DEC. 1981

12 FULL TIME EMPLOYEES

* Dual Role

Figure 5

ENGINEERING DEPARTMENT ORGANIZATIONAL STRUCTURE - ACTUAL 1982-1983



9 FULL TIME EMPLOYEES

~~X~~ ABOLISHED JULY 1982

~~XX~~ TO BE ABOLISHED DEC. 1982

* Actual Tech IV position
(for upward mobility to one)
(of Tech III's

** Dual Role includes DESIGN

BUILDING DEPARTMENT

Table 1
 BUILDING PERMITS & CONSTRUCTION VALUES
 (January thru June)

	1979		1980		1980-81		1981-82	
	No. PERMITS	VALUE	No. PERMITS	VALUE	No. PERMITS	VALUE	No. PERMITS	VALUE
1. NEW RESIDENTIAL	324	13,135,541	111	4,823,149	279	11,111,918	109	4,465,761
2. NEW DUPLEX	25	1,300,131	4	207,171	22	1,166,496	2	101,350
3. MODULAR RESIDENCES	--	--	--	--	1	8,500	--	--
4. MULTI-FAMILY RESIDENCES	13	4,818,837	1	423,846	8	796,715	1	1,248,833
5. MOBILE HOMES	46	36,445	5	2,350	3	2,250	9	3,800
6. MOBILE HOME ADDITIONS	8	21,300	3	4,275	--	--	--	--
7. BUILDINGS MOVED	5	10,000	1	3,000	3	17,000	--	--
8. WRECKED BUILDINGS	17	12,400	6	3,450	15	18,600	6	10,600
9. FOUNDATIONS	8	530,680	4	10,820	11	25,128	3	13,593
10. NEW COMMERCIAL BUILDINGS	27	8,277,026	15	3,271,856	13	4,043,412	10	456,920
11. NEW INDUSTRIAL BUILDINGS	5	6,129,336	--	--	2	10,900,000	--	--
12. RESIDENTIAL GARAGE AND CARPORT	10	27,210	8	25,956	15	61,600	21	106,850
13. PUBLIC	11	12,569,700	6	8,191,758	6	303,339	6	1,915,486
14. CHURCHES AND RELIGIOUS BUILDINGS	2	1,730,000	2	19,548	2	185,000	1	300,000
15. NON-RESIDENTIAL BUILDINGS	17	201,264	--	--	2	190,000	--	--
16. RESIDENTIAL REMODEL AND REPAIR	134	574,813	96	317,609	154	658,941	69	431,814
17. COMMERCIAL REMODEL AND REPAIR	62	1,045,248	37	692,964	53	1,557,583	63	1,038,590
18. STRUCTURES OTHER THAN BUILDINGS	10	69,500	3	19,000	2	21,000	15	13,201
19. SIDEWALKS	11	7,829	43	23,425	29(46)	17,467	34	21,415
20. FENCES	67	53,541	42	39,830	58	57,213	44	25,811
21. SIGNS	74	86,815	45	71,305	52	58,302	62	92,050
TOTALS	876	50,637,616	432	18,151,312	730	31,200,464	455	10,246,074

TABLE 2
BUILDING PERMIT FEES

YEAR	FEES	NO. OF PERMITS	VALUATION
1975	\$ 61,859.50	774	\$15,237,040.00
1976	93,740.50	1,087	22,846,306.00
1977	117,205.50	1,156	32,085,490.00
1978	127,349.00	1,057	40,304,996.00
1979	113,613.50	813	50,637,616.00
1980 (January thru June)	41,138.50	382	18,122,210.80
1980-81 fiscal year	82,309.00	699	31,182,997.00
1981-82	44,824.02	307	11,020,607.00

YEAR	NO. OF PERMITS	FEES
------	----------------	------

PLAN CHECK FEES

1975	227	\$ 13,498.00
1976	244	16,034.50
1977	227	18,265.00
1978	331	23,098.47
1979	228	17,684.20
1980 (January thru June)	111	6,852.53
1980-81 fiscal year	314	20,079.02
1981-82	187	13,084.45

PLUMBING PERMIT FEES

1975	443	\$ 17,132.50
1976	682	30,961.00
1977	671	31,418.00
1978	769	47,863.00
1979	588	50,313.50
1980 (January thru June)	199	17,074.00
1980-81 fiscal year	435	30,265.90
1981-82	321	24,018.00

MECHANICAL PERMIT FEES

1975	424	\$ 5,942.00
1976	652	8,935.00
1977	953	10,752.50
1978	684	10,689.00
1979	412	6,840.00
1980 (January thru June)	161	2,912.50
1980-81 Fiscal year	434	10,093.00
1981-82	328	8,310.50

MOBILE HOME PERMIT FEES

1976	39	\$ 1,075.25
1977	38	985.00
1978	17	650.00
1979	47	1,995.00
1980 (January thru June)	5	195.00
1980-81 fiscal year	4	145.00
1981-82	9	396.00

YEAR	NO. OF PERMITS	FEE
SIDEWALK PERMIT FEES		
1978	13	\$ 130.00
1979	11	110.00
1980 (January thru June)	63	630.00
1980-81 fiscal year	29(46)	460.00
1981-82	36	500.00

SEWER PERMIT FEES		
1978	795	\$1,310,032.00
1979	505	2,050,624.71
1980 (January thru June)	147	356,250.95
1980-81 fiscal year	412	1,270,200.24
1981-82	267	474,168.76

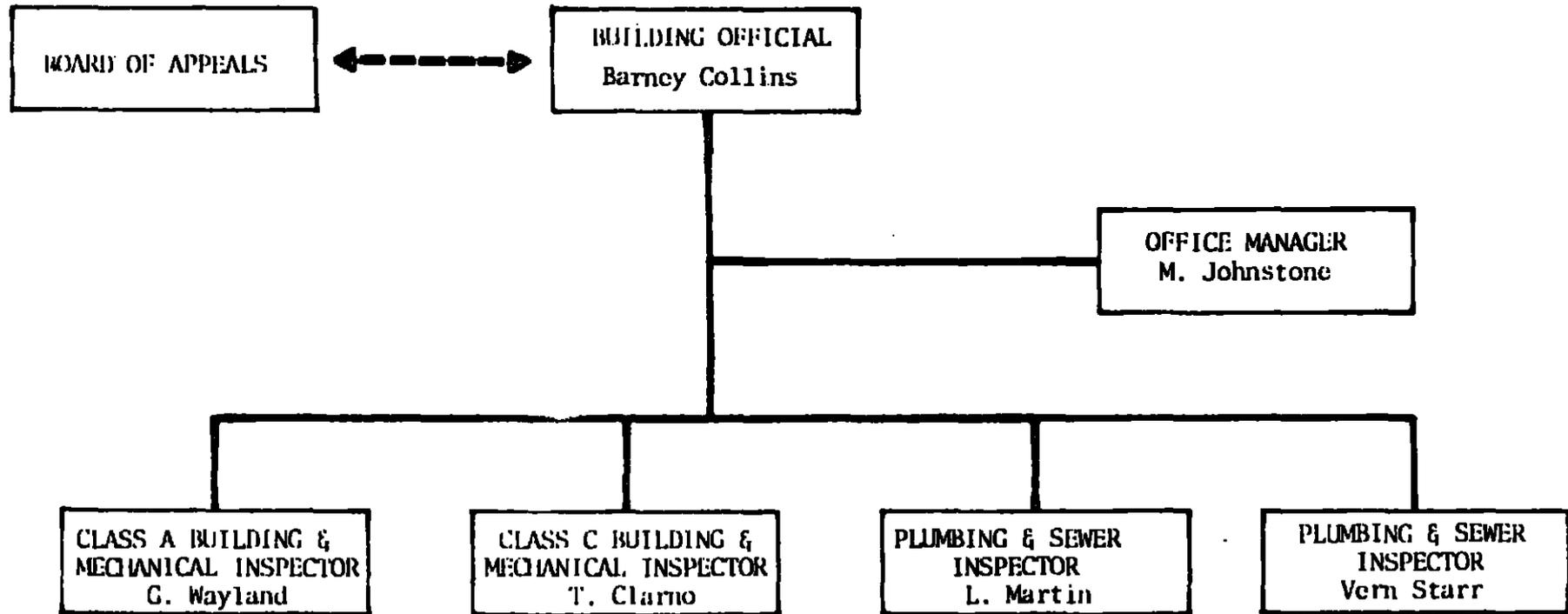
ELECTRICAL PERMITS

(Issued for the State Department of Commerce)

1975	457	\$ 2,736.00
1976	529	4,586.60
1977	728	7,195.00
1978	867	11,240.10
1979	884	11,772.60
1980	1,252	16,972.60

Figure 1

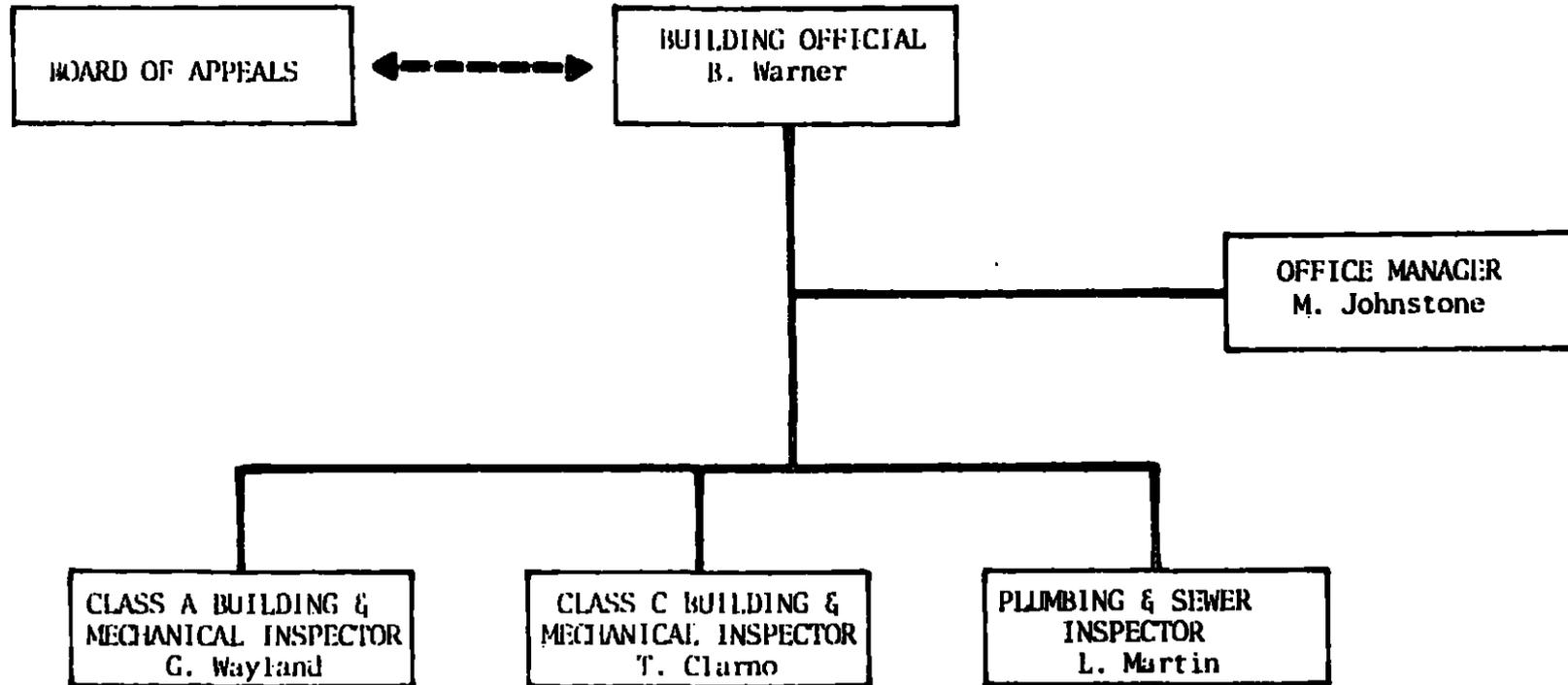
BUILDING DEPARTMENT ORGANIZATIONAL STRUCTURE - THROUGH SEPT. 1981



6 FULL TIME POSITIONS

Figure 2

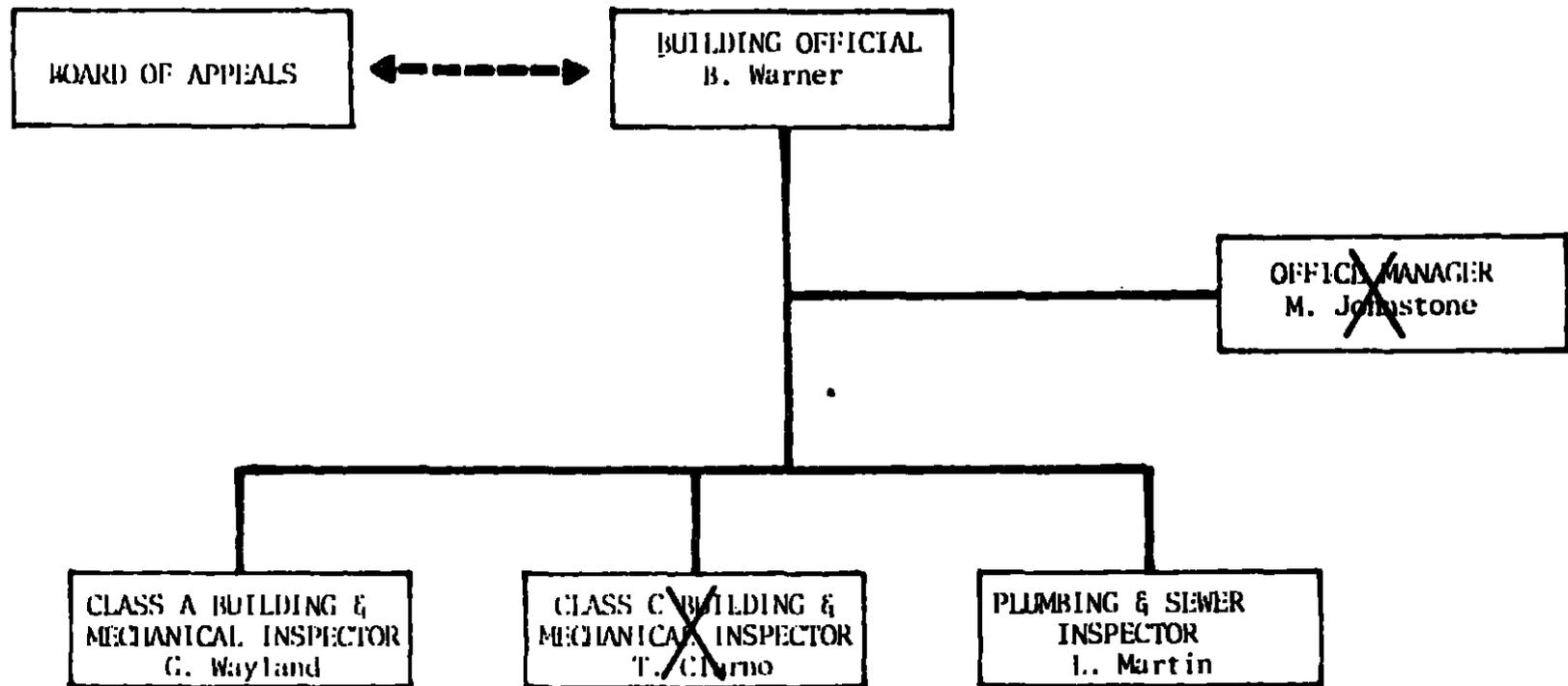
BUILDING DEPARTMENT ORGANIZATIONAL STRUCTURE THROUGH JUNE 1982



4 FULL TIME POSITIONS & 1 QUARTER TIME POSITIO

Figure 5

BUILDING DEPARTMENT ORGANIZATIONAL STRUCTURE - ACTUAL 1982-1983



~~X~~ ABOLISHED POSITIONS JULY 1982

2 FULL TIME POSITIONS & 1 QUARTER TIME POSITI