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ANNUAL EVALUATION REPORT OF WESTERN SAMOA

VAIA'ATA AGRICULTURAL TRAINING CENTRE

AID GRANT 492-1646

CRS PROJECT NO. WS-9D-002

Contract # AID-492-1646-
G-T

Project 498 0251

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Submitted By:

Catholic Relief Services

July 1983

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PROBLEM

The perception of the problem has broadened with experience since the original proposal was written. The problem as stated was correct as far as it went. Improved agricultural techniques are needed to remedy the practice of subsistence agriculture. Dissemination to the rural areas of needed skills is lacking. Cash income to the people of the rural areas is low. Many of the young men are leaving the villages because occupational opportunities are few.

All of the foregoing were correctly identified as the problem to be addressed. But the heart of the problem was not mentioned. Samoans traditionally have never felt inclined to make a sustained physical effort to produce anything beyond their immediate needs or social obligations. Two or three days of hard labour at a time would normally be sufficient to meet such needs. Besides, a surplus of anything according to prevailing custom would likely have to be shared with others without reward. Individual enterprise or industry for profit has been a concept foreign to the Samoan character. Hence, there was little motivation to seek employment which entailed sustained hard labor over a prolonged period of time. Not only have Samoans been unaccustomed to regular hard work, but salary is normally not retained by the individual. Rather it becomes the property of the extended family.

The German planters and their New Zealand successors after them imported agricultural labor from Melanesia and China to work in their plantations in Samoa. In the early colonial years no Samoans were employed on the plantations. This practice was euphemistically referred to as avoiding exploitation of the native Samoans. More accurately, it meant that the imported laborers were better workers.

The need for grass roots agricultural training therefore, must address not only improved agricultural techniques and alternative occupational opportunities in the rural areas. It must also address the equally important aspect of motivating

trainees to work hard in applying their newly acquired skills.

WORK TO DATE

The training Center has been the scene of constant activity for the past year. All hands have been engaged in building, planting, clearing and many other activities. A new classroom block and library cum reading room has been constructed and furnished with new students desks. The entire compound including farm buildings has been electrified with the installation of a new generator. Land has been cleared for a sports field and a large new piggery has been added. Five new water storage tanks have been erected. New storage sheds and a garage along with a carpentry workshop were built and the foundation for volunteers quarters begun.

Three different harvests of taro of 5000 plants each were gathered and new acreage has been planted in cassava, coffee, cocoa and various fruits trees.

Four trainees were graduated in December and there was a total enrollment of 35 boys for the new term starting February 1st. Sr. Laurence is of the opinion that the new trainees are of a higher calibre and this points to an enhanced popularity for the training centre resulting in an improved selection of applicants.

There is a newly employed Samoan male instructor who conducts morning classes in the Samoan language and supervises the trainees in their practical fieldwork in the afternoons.

Greater emphasis has been placed on livestock raising because of the extremely rocky terrain which is consequently less suitable for agriculture. Also, there is greater potential for farm income from sale of animals. A herd of 100 hogs and sows is maintained and those which are sold are replaced by new piglets. A flock of goats is also flourishing.

The farm manager, Sr. Laurence works together with laborers and one foreman in carrying out planned tasks in maintaining farm, livestock, buildings, planting, etc. In addition,

trainees do their share of work and many hands make light work.

There are two Sisters who assist the Farm Manager. They are engaged in teaching and training.

Although the training centre is about a year behind schedule, the Centre did not open officially until April 1, 1981 while the grant was signed in July 1980. Hence there have actually been little more than two full years of operation. Also, the dropout rate of the first group of trainees was higher than anticipated. This was due to disciplinary problems and the fact that no eligibility requirements were set for admission. All applicants were accepted on a trial basis.

BENEFICIARY IMPACT

Although only four students were graduated in December 1982, there were eleven other trainees who received at least a year of training before leaving. These students benefitted from what they learned and a recent follow up found that seven of the former non-graduate trainees were using their newly acquired skills at home in their villages. The cost of training has been \$ 79,000.00 for roughly two years or \$19,750. per graduate. But if seven other trainees found working in their villages are added the ratio comes down to \$7,181.00 per trainee. In addition if the dependent members of the trainees families totalling 55 are counted as direct beneficiaries we reach an average cost of \$1197,00. per beneficiary. However, if most of the currently enrolled 35 trainees are graduated we can reduce the ratio substantially in a short time since operation costs are expected to decline after construction has been completed.

The impact of the training centre on the community is difficult to evaluate. If the effort to instill a new work ethic is successful, the impact in the villages of Savaii would be considerable. Already visitors are impressed at the sight of 35 neatly uniformed boys attentively attending classes or

dilligently performing tasks about the farm.. Whether govern-
ment officials or casual visitors, all are enthusiastic about
the centre. Some prominent Samoans have stated that what-
ever the cost, the achievement to be seen is well worthwhile
and that "Samoa could not afford to be without it."

BASELINE DATA:

Baseline Data has already been identified in the previously submitted Quarterly Progress reports. There will be a continuation of usage. In review the current standing within the Baseline Data (Objectively Verifiable Indicators) are as follows:

Establishment of Farm Centre

The farm is set up to exemplify a village plantation. Some expansion in various areas will be forthcoming.

Farm Structures

In place, are; piggery, Dormitory, Student Kitchen Facility and Dining Area, Manager's Housing, Goat Shed, Ablution Block, Classroom Block, Carpentry Shed, Store and Garage.

Number of Trainees at Centre

There are currently thirty five (35) trainees enrolled. Fifteen (15) with one(1) year to go and twenty (20) who are new trainees.

Introduction of Intermediate Technology

Continuing process through classroom instruction and practical fieldwork.

Field Trips

Two trips annually to Upolu to visit Alafua University and Nuu Agricultural Research Station.

Management on Site

Farm Manager, Assistant Farm Manager/Instructor English/Math

Instructor (all Sisters of our Lady of the Mission), Samoan Agricultural Instructor, One Farm Foreman and six (6) Farm Labourers are currently on site.

Training Program in Operation

Curriculum outline as presented in Quarterly reports currently being followed.

Number of acres under cultivation

Total acres cleared	45
Total acres cultivated	30
Total acres pasture	8

Staple Crops

Taro - 6 acres; 60,000 plants
Bananas - Approximately 4 acres in production

Vegetables and Fruits

Vegetables - $\frac{1}{2}$ acre terraced - 7 terraces
Fruits - 4 acres
Coffee - 6 acres

Livestock

Pigs	Currently 100 animals
Goats	Currently 30 animals
Horses	" 2 animals

Trainee Performance

Term reports are given tracing trainee progress.

METHODOLOGY

The Farm Manager has hired a male teacher who is a Samoan National to give instruction in Agriculture and Animal Husbandry, both in the classroom and for practicals in the field. Instruction is conducted in Samoan language which is popular with the students because they have better comprehension when taught in their own language.

The new instructor leaves the Farm Manager more time to administer the Training Centre, plan and supervise work, etc. since she is no longer directly involved in teaching herself. There are plans to hire a welding instructor to give a course in welding which is on the curriculum. There are also plans to attract more teaching volunteers and staff living quarters are to be built as funds become available. It is expected that additional teaching volunteers will join the staff as and when they can be found. This will enable the Centre to offer more and better training as time goes on.

CRS/Western Samoa office in Apia has continued to increase logistical support to Vaia'ata Agricultural Training Center. All purchases of materials, supplies, animal feed, planting stock and equipment are carried out by CRS staff and transported by ferry to Savaii. This is very time consuming and the transport even more so because of the poor and inadequate ferry service between Upolu and Savaii. This logistical service is very valuable to the Training Centre and frees the staff from frequent trips to Apia and waiting in line for ferry boats to do more important work at the Centre.

TIME FRAME:

All of the original activities in the original time frame have now been met except for the number of trainees graduated. The actual beginning of the program was from April 1981 although the grant was signed the previous July. So, it was late getting started.

There will be ten months training from Feb. 1983 to Dec.

15th, 1983. Graduation of 15 additional trainees is expected in December, 1983.

ASSUMPTIONS:

- Continued co-operation from the Western Samoa Agricultural Department Extension Service.
- Continued co-operation from the Alafua Veteranarian clinic.
- Continued co-ordination between the Farm Manager and CRS/Apia.
- The ability of recruiting new trainees. It seems apparent there is no problem in this area of acquiring new applicants.
- The availability of needed supplies as required. The farm manager and CRS Apia have made arrangements for monthly shipments of required supplies available in Apia.
- The availability of the International Agriculturalist as requested by the Farm Manager. U.S. Peace Corps collaboration will continue.

GOALS:

The basic goal of establishing a diversified Agricultural Training Centre has been accomplished. The quality of the training has and will continue to increase. The long term goals will be the continued improvement of the training program and the utility of the graduates in the villages or their ability to get jobs.

Most important during this year will be the graduation of the second group of trainees now numbering fifteen (15). Some attrition might be expected but far less than previously.

Student enrollment and successful completion of the two year course now appear to be valid goals at current levels and realistic.

Trainees are taught to work consistently with sustained effort and discipline, to become responsible and resourceful persons and to become self-sufficient individuals.

ACTUAL GRANT FUNDS EXPENSES FOR VAIA'ATA PROJECT
FROM APRIL 1981 - FEBRUARY 28 1983
IN U.S. DOLLARS

<u>SALARIES:</u>	Farm foreman & labourers	2739.22	
	Carpenters	<u>3751.35</u>	6490.57
<u>OFFICE EXPENSES:</u>	Files, tapes, papers, paper clips, pens, & other office supplies & copies	428.46	
	Telexes, telephones & telegrams	30.59	
	Bank charges	<u>64.57</u>	523.62
<u>OFFICE EQUIPMENT:</u>	Chairs	133.25	
	Filing cabinet & typewriter	642.60	
	Desk	200.00	
	Cupboard	179.00	
	Ditto machine	<u>395.00</u>	1549.85
<u>TRAVEL:</u>	Petrol, diesel & oil supply	4162.05	
	Repairs & maintenance of vehicles & parts. Boat & air tickets to and from Savaii - official visits by Balsis, Licea, Olbrich, Sr. Laurence, Mr. Mathews, Slingerland, & other officials from N.Y.	1552.21	
	Local Staff & accomodation	1350.63	
	Deliveries to Vaia'ata of Sister's requirements	<u>210.35</u>	7275.24
<u>CAPITAL EXPENSES:</u>	Materials for piggery, piggery extention, water system & water system improvements	8894.41	
	Commodity shed construction, materials, etc.	7441.20	
	Materials for trainees lockers	375.58	
	Materials for classroom building (partly)	4455.06	
	Tarpaulin	32.92	
	Two gates	144.00	
	Materials for capital improvements	<u>365.96</u>	21709.13
<u>VEHICLES:</u>	New Ford pickup F-150 delivered Apia and registration	10724.25	
	Quarantine spray at port	20.00	
	Rustproofing & exhaust system change	188.60	
	Tools	1074.21	
	Spare tires	310.12	
	One motor bike (Honda)	1094.00	
	Vehicles insurance premium	<u>113.11</u>	13524.29

AGRICULTURAL SUPPLIES:

Wheel barrows, snipes, bush knives,
shears, taro planting sticks, spades,
banana desuckers, brooms, chain saw &
spare parts, rubber boots, coleman lamps
for piggery, empty drums, kerosene, sprays
& buckets, crowbars, fencing pliers,
water pumps & fittings & horse cart. 5749.10

PRODUCTION SUPPLIES:

Pig feed, banana sprays, fertilizer,
seedlings, plants, pig warmer, insecticide,
weedicide, polythene rope, saw blades,
misting oil, blitzen, cuttings, coffee plants,
boars and sows 7246.12

TRAINING EXPENSES:

Living allowance for trainees	13,344.16	
Basic tool kit with tools	300.37	
English books	67.79	
4 tape head cleaners	7.79	
food for trainees	406.33	
Kerosene for trainees lamps	<u>753.54</u>	<u>14879.96</u>
		718,947.90

ACTUAL EXPENSES FROM MARCH TO JUNE 1983

<u>SALARIES:</u>	Farm Manager -	10270.50	
	Farm Foremen & Labourers	517.23	
	Carpenters	<u>903.10</u>	10690.83
<u>FRINGES:</u>	5% Gross Salaries to NPF		
	1% " " to ACB		49.00
<u>OFFICE EXP.</u>			
(Staty Supply)	Staples & Stapler	24.60	
(Post)	Courier Mail	23.13	
(Ref. Books)	Check Book	2.66	
(Bank Charges)	Bank Services charges	<u>.66</u>	51.05
<u>TRAVEL:</u>			
	Petrol, Oil & Diesel Supply	1590.85	
	Boat fares & freight for transporting Sr. Laurence requirements to Savaii.	323.32	
	Check for pick-ups	104.40	
	Spares Battery, Tyres Tubes,	<u>347.26</u>	2365.83
<u>CAPITAL EXP.</u>			
	<u>School Classroom</u>		
	Timber for Desks & Stools & Construction etc.	1257.70	
	Materials for Building e.g. Mesh wire Timber, Doors, Cement, Sand, Roofing Iron, Nails	5965.86	
	1 Water Tank fittings & Cutterings	398.13	
	Paints for School Building	504.66	
	Horse cart construction	<u>133.33</u>	8259.68
<u>PRODUCTION SUPPLIES:</u>			
	Pig Feed	1157.50	
	Round up Chemicals	<u>780.13</u>	1937.63
<u>AGRICULTURAL SUPPLIES:</u>			
	Brooms for Piggery		
	Spray shield holder, Files		257.57
<u>TRAINING EXPENSES:</u>			
	Trainees Allowance		2030.66
	Advanced to Sr. Laurence		5747.40
	Total		<u>32,389.65</u>
	Plus Total Expenses from April 1981 to February 1983		<u>78947.90</u>
	Grand Total of Expenses up to June 30 1983		<u><u>\$111,337.555</u></u>

VAIA'ATA AGRICULTURAL TRAINING CENTRE

Farm income and expenses

CASH ACCOUNTABILITY

1982

Figures in W.S. Tala

INCOME:

Sale of hogs	2060.00	
Sale of goats	240.00	
Sale of vegetables	<u>103.15</u>	
TOTAL cash income		2403.15

EXPENSES PAID FROM FARM INCOME:

Salaries		<u>1262.00</u>
Net income for period		<u>1141.15</u>

JANUARY 1, 1983 through JULY 31, 1983

INCOME:

Sale of hogs	4251.00	
Sale of goats	450.00	
Sale of vegetables	94.90	
Sale of crow bars, scrapers and dehuskers	<u>105.00</u>	
TOTAL cash income		4900.90

EXPENSES PAID FROM FARM INCOME

Salaries		<u>755.00</u>
Net income for period		<u>4165.90</u>

VAIATA AGRICULTURAL TRAINING CENTRE

OTHER CONTRIBUTIONS RECEIVED IN 1983:

EXPRESSED IN W.S. Tala

Australian High Commission	5000.00
New Zealand Lions Club 2 tons fertilizer	1000.00
New Zealand Huntly School	251.00
New Zealand Two Mission Circles	402.31
New Zealand various schools	1030.00
Canadian Aid tools for workshop	6476.24
New Zealand Post Office freight for donated electric generator	102.00
Mother House installation costs of generator	2000.00
New Zealand High Commission 12 rolls pig wire	1200.00
New Zealand High Commission Veterinary equipment (anticipated)	
TOTAL	<u>17461.55</u>

VAIATA AGRICULTURAL TRAINING CENTER

BUDGET - EXTENSION YEAR ONE

All figures are in U.S. Dollars	TOTAL ESTIMATED EXPENSES	FROM FARM SOURCES	FROM OTHER SOURCES	REQUIRED FROM GRANT
SALARIES & FRINGES	32,206.80		11,000.00	21,206.80
TRAVEL & TRANSPORTATION	12,700.00			12,700.00
EQUIPMENT & SUPPLIES	42,118.00	5,700.00	4,400.00	32,018.00
TRAINING EXPENSE	9,835.00	6,000.00	500.00	3,335.00
OTHER CONTRIBUTIONS	19,000.00	7,500.00	11,500.00	
TOTAL ANTICIPATED BUDGET	115,859.80	19,200.00	27,400.00	90,465.80
ESTIMATED OVERHEAD FOR PERIOD @ 7.5 %				6,784.94
TOTAL REQUIRED FROM GRANT				97,250.74

VAIAATA AGRICULTURAL TRAINING CENTER

BUDGET - EXTENSION YEAR ONE

All figures are
in US Dollars

TOTAL FROM FROM REQUIRED
ESTIMATED FARM OTHER FROM
EXPENSE SOURCES SOURCES GRANT

SALARIES

SUPERVISORY STAFF

1 FARM MANAGER 7,500.00 7,500.00

1 INTERNATIONAL Agriculturalist (and wife) 7,500.00 7,500.00

1 International Assistant Farmer 6,000.00 6,000.00

1 English and Small crops Instructor 5,000.00 5,000.00

1 Instructor - local crops, math and Science lang. 1,000.00 1,000.00

1 Assistant Instructor and Farm Worker 780.00 780.00

TOTAL SALARIES 27,780.00 11,000.00 16,780.00

FRINGE BENEFITS

For Intl Agriculturalist

Transportation -

Airfare and shipment

personal effects 3,000.00 3,000.00

local transportation 1,320.00 1,320.00

FOR LOCAL STAFF

5% for National Provident

Fund and 1% for

Employment Compensation 1,106.80 1,106.80

TOTAL FRINGES 4,426.80 4,426.80

TOTAL SALARIES AND FRINGES 32,206.80 11,000.00 21,206.80

VAIATA AGRICULTURAL TRAINING CENTER

BUDGET - EXTENSION YEAR ONE

All figures are in U.S. Dollars

	TOTAL ESTIMATED EXPENSES	FROM FARM SOURCES	FROM OTHER SOURCES	REQUIRED FROM GRANT
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VEHICLES (TRANSPORTATION)

Spare Parts for all vehicles to include tires & other parts	2,000.00			2,000.00
Body painting	200.00			200.00
TOTAL VEHICLES	2,200.00			2,200.00

TRAVEL EXPENSES

Petrol & oil	7,700.00			7,700.00
Air & Boat fares and necessary accommodations for trips between APIA & Vaitata	2,000.00			2,000.00
Insurance for vehicles	500.00			500.00
Registration for vehicles	300.00			300.00
TOTAL TRAVEL	10,500.00			10,500.00

TOTAL TRAVEL

& TRANSPORTATION	12,700.00			12,700.00
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VANATA AGRICULTURAL TRAINING CENTER

BUDGET - EXTENSION YEAR ONE

All figures are in U.S. Dollars.

	TOTAL ESTIMATED EXPENSE	FROM FARM SOURCES	FROM OTHER SOURCES	REQUIRED FUNDING
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CAPITAL EXPENDITURES

Construction of Volunteer Staff House	19,000. ⁰⁰	1,500. ⁰⁰		17,500. ⁰⁰
NEW ELECTRIC GENERATOR Replacement for antiquated donated equipment	3,500. ⁰⁰			3,500. ⁰⁰
CEMENT	1,000. ⁰⁰			1,000. ⁰⁰
TOTAL CAPITAL EXP.	23,500.⁰⁰	1,500.⁰⁰		22,000.⁰⁰

AGRICULTURAL EQUIPMENT

Chain saw	783. ⁰⁰			783. ⁰⁰
Block & Tackle	500. ⁰⁰			500. ⁰⁰
Chains for tractor	400. ⁰⁰			400. ⁰⁰
TOTAL AGRIC. EQUIP'T	1,683.⁰⁰			1,683.⁰⁰

PRODUCTION SUPPLIES

Herbicides	1600. ⁰⁰			1600. ⁰⁰
Insecticides & misting oil	200. ⁰⁰			200. ⁰⁰
Seeds	50. ⁰⁰			50. ⁰⁰
Teapula	300. ⁰⁰			300. ⁰⁰
Fertilizers	1200. ⁰⁰		1200. ⁰⁰	
Tree Saplings	150. ⁰⁰			150. ⁰⁰
Small tools	25. ⁰⁰			25. ⁰⁰
Fire feed	6000. ⁰⁰	2000. ⁰⁰		4000. ⁰⁰
Fencing Materials	5400. ⁰⁰	1200. ⁰⁰	1200. ⁰⁰	3000. ⁰⁰
Veterinary Equipment	2000. ⁰⁰		2000. ⁰⁰	
TOTAL PRODUCTION SUPPLIES	16,935.⁰⁰	4200.⁰⁰	4400.⁰⁰	8,335.⁰⁰

VALAATA AGRICULTURAL TRAINING CENTER

BUDGET - EXTENSION YEAR ONE

All figures are in U.S. Dollars

	TOTAL ESTIMATED EXPENSE	FROM FARM SOURCES	FROM OTHER SOURCES	REQUIRED FROM GRANT
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RUN-DOWN EQUIPMENT & SUPPLIES

CAPITAL EXPENDITURES	23,500. ⁰⁰	1500. ⁰⁰		22,000. ⁰⁰
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AGRI EQUIPMENT	1,683. ⁰⁰			1,683. ⁰⁰
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PROD. SUPPLIES	16,935. ⁰⁰	4200. ⁰⁰	4400. ⁰⁰	8,335. ⁰⁰
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<u>TOTAL - EQUIPMENT & SUPPLIES</u>	<u>42,118.⁰⁰</u>	<u>5700.⁰⁰</u>	<u>4400.⁰⁰</u>	<u>32,018.⁰⁰</u>
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TRAINING EXPENSE

Food stuffs grown for 30 Trainees & food purchases	6500. ⁰⁰	6000. ⁰⁰	500. ⁰⁰	
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Text Books and Reference Books	1,000. ⁰⁰			1,000. ⁰⁰
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Petrol & oil for generator - lighting for students	2,335. ⁰⁰			2,335. ⁰⁰
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<u>TOTAL TRAINING EXPENSE</u>	<u>9,835.⁰⁰</u>	<u>6000.⁰⁰</u>	<u>500.⁰⁰</u>	<u>3,335.⁰⁰</u>
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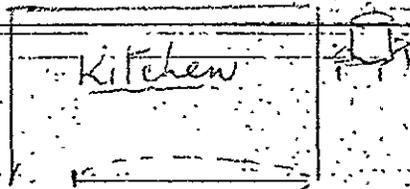
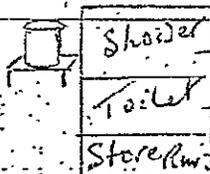
PROPOSED PLAN
for volunteers
acomodation.

Wash tubs



Approx. Cost

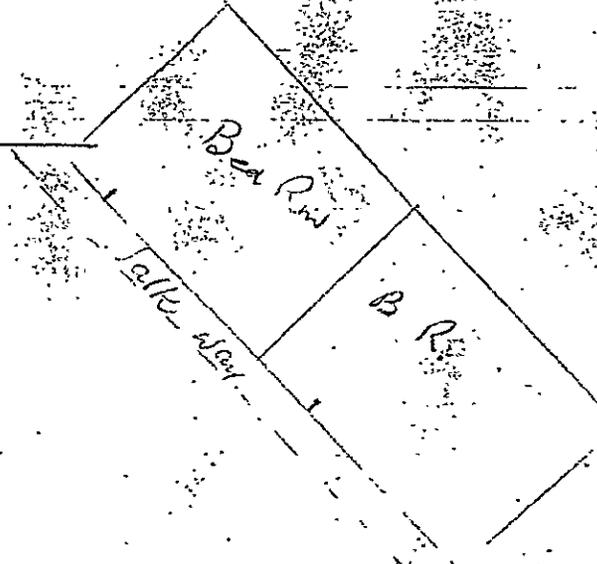
\$ 25,000.00



Dining Rm.
↓
Sitting Rm.



Walk way



Walk way