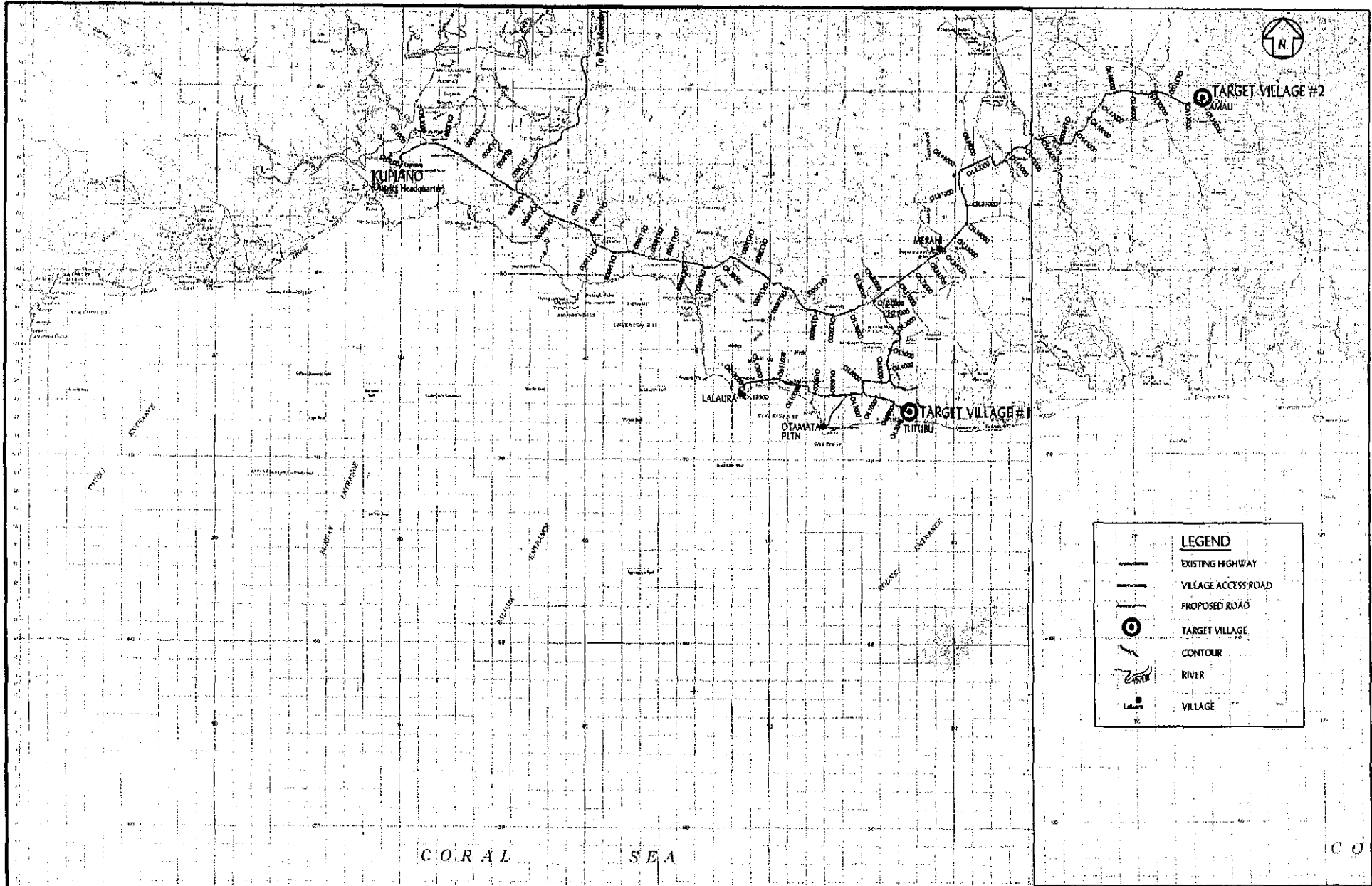


ANNEX 2 – FIGURES, MAPS OF PROJECT SITES

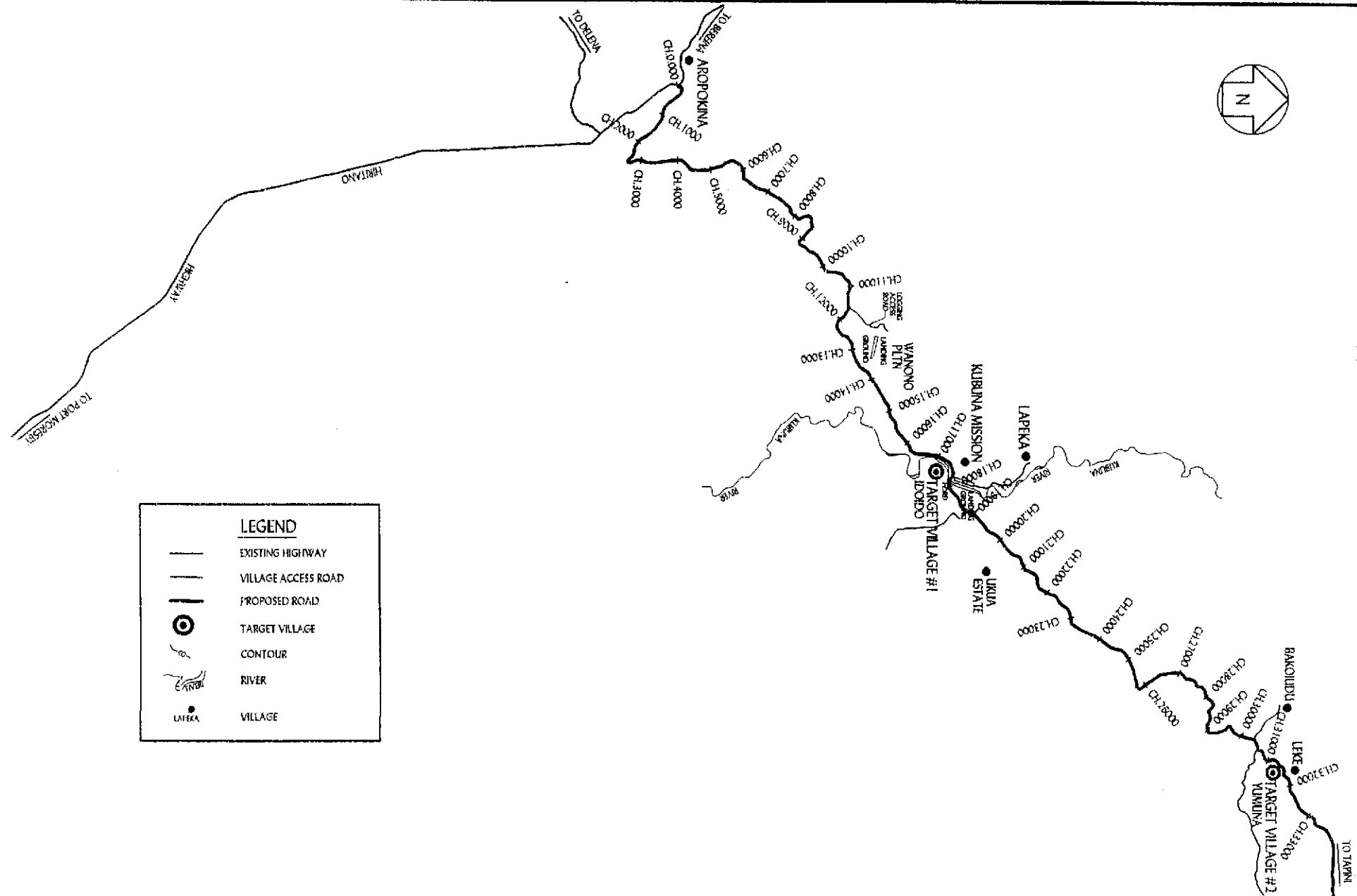
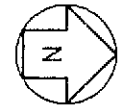


LEGEND

- EXISTING HIGHWAY
- VILLAGE ACCESS ROAD
- PROPOSED ROAD
- TARGET VILLAGE
- CONTOUR
- RIVER
- VILLAGE

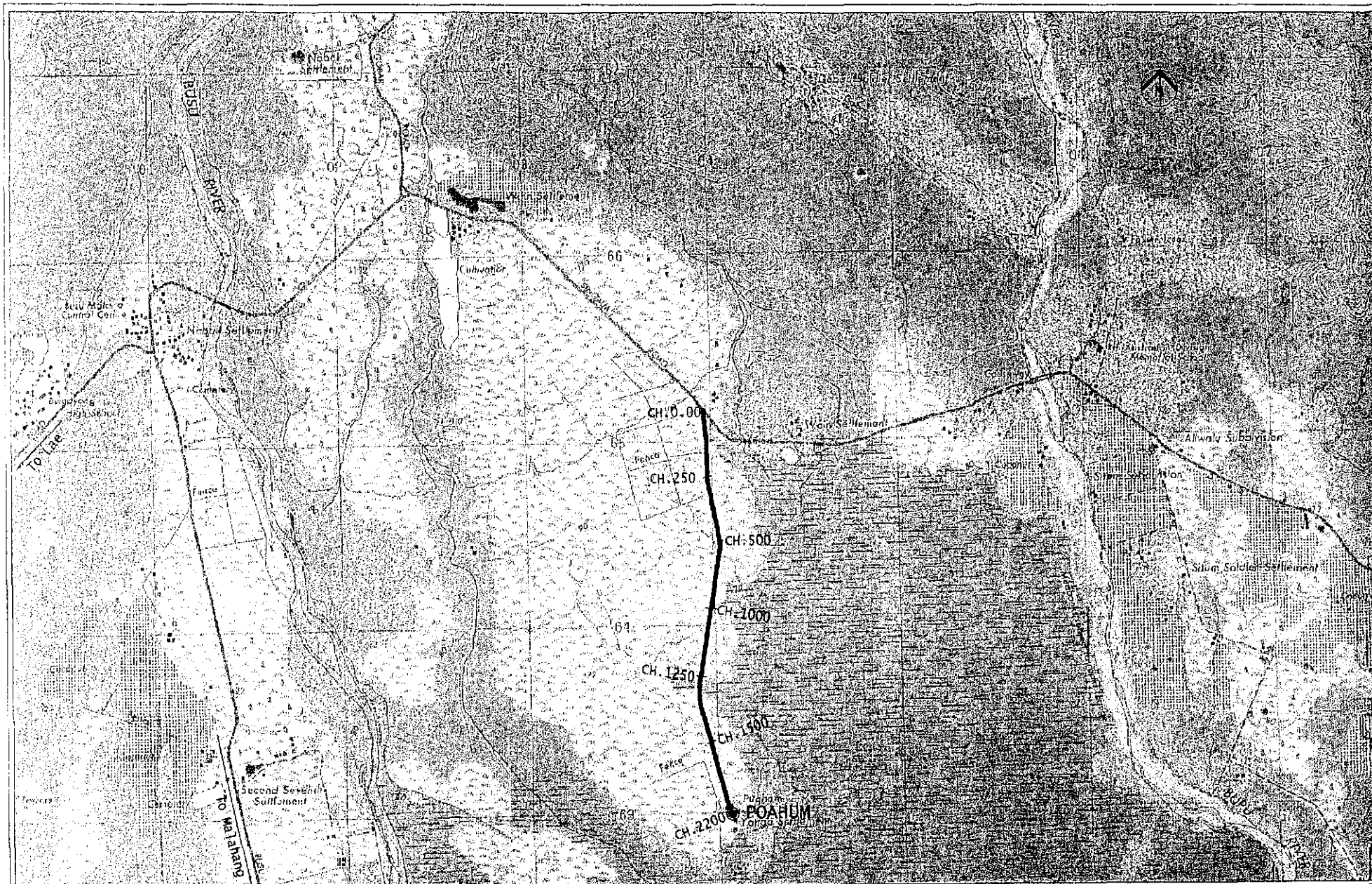
CORAL SEA

SHEKKA CONSULTANTS LTD. CONSULTING ENGINEERS, PROJECT MANAGERS & PLANNERS P.O. BOX 1000 SUVA, FIJI ISLANDS PHONE: 053 251 FACSIMILE: 053 251 TELEPHONE: 053 251	In Association With:	PNG RICE STUDY PROJECT MARSHALL LAGOON AREA CENTRAL PROVINCE	Drawing Title		Drawn: <input checked="" type="checkbox"/> CSJ Checked: <input checked="" type="checkbox"/> OS Designed: <input type="checkbox"/> Checked: <input type="checkbox"/>	Scale 1:100 000 Drawing No. 18502RICE	A3 Issue		
	ASS. COR. SERVICES		ABAU DISTRICT LOCATION PLAN						
			Project:	Sheet 1 of 1				FIG. NO. 18502	Autocad FILE 18502.dwg



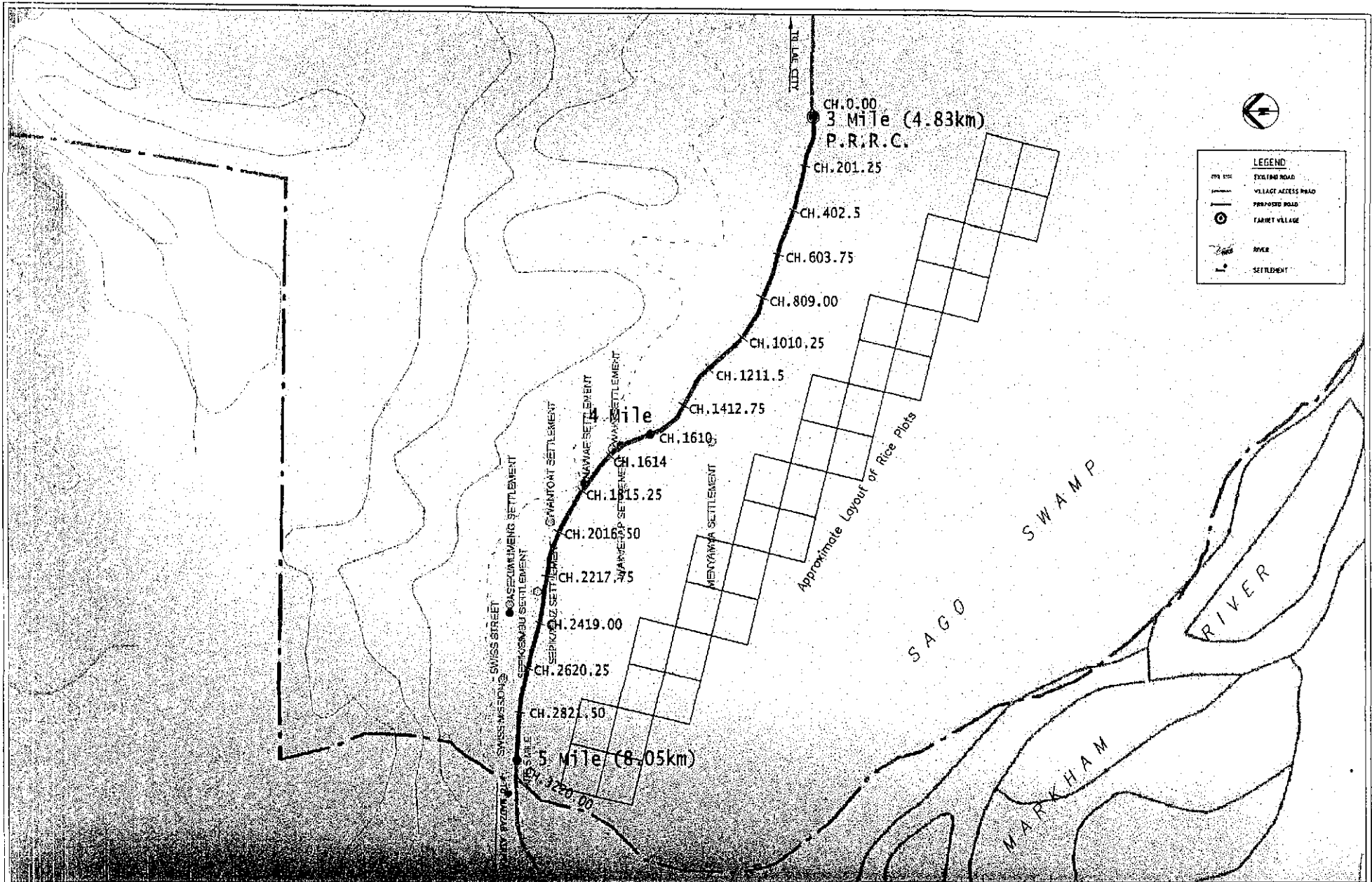
LEGEND	
	EXISTING HIGHWAY
	VILLAGE ACCESS ROAD
	PROPOSED ROAD
	TARGET VILLAGE
	CONTOUR
	RIVER
	VILLAGE

SESEKA CONSULTANTS LTD. CONSULTING ENGINEERS, PROJECT M & PLANNERS P.O. BOX 2028 PORT KAITUMA, PAPUA NEW GUINEA Telephone: 323 2283 Fax: 323 2121	In Association With: ASS. COR. SERVICES	Client: PNG RICE STUDY PROJECT Project: KUBUNA, KAIRUKU DISTRICT CENTRAL PROVINCE	Drawing Title: KAIRUKU DISTRICT LOCATION PLAN	Drawn: PC 06/05/02	Scale: 1:100 000 Drawing No.: 03RICE	A3 Issue
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				Designed: Checked:		

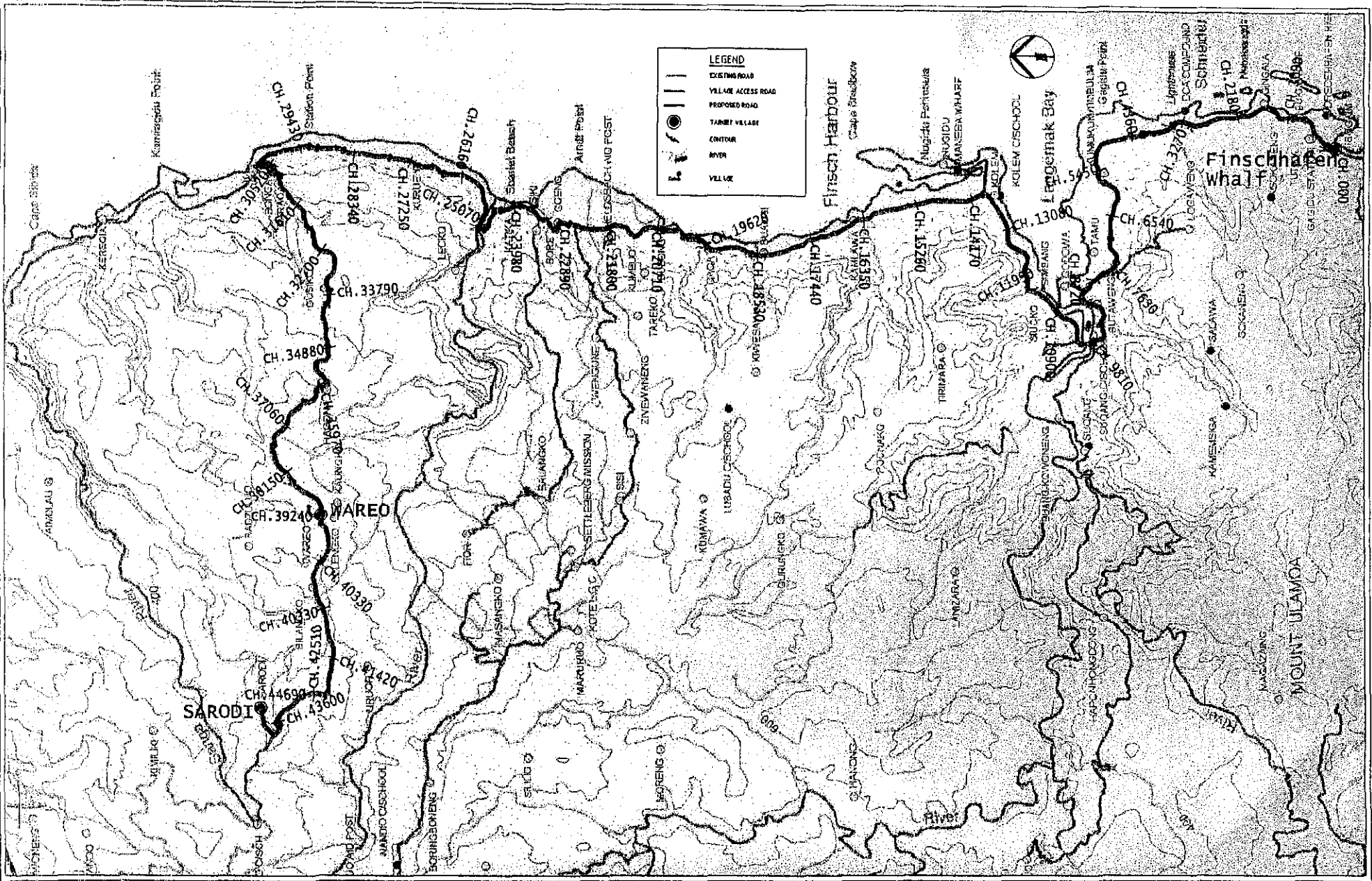


SESEKA CONSULTANTS LTD. CONSULTING ENGINEERS, PROJECT MANAGERS & PLANNERS P.O. BOX 8286 SUVA, FIJI ISLANDS Telephone: 3331313 Facsimile: 3331213		in Association With ASSOCIATED COOPERATE SERVICES		Client: JICA PNG RICE STUDY		Drawing Title MALAHANG LOCATION PLAN		Drawn: <input checked="" type="checkbox"/> /aw/wb Checked: <input checked="" type="checkbox"/> /as Designed: <input checked="" type="checkbox"/> /xx Scale: As Shown		P/Sheet A3	
Project: MALAHANG MOROBE PROVINCE		Sheet 1 of 10		Plotting: <input checked="" type="checkbox"/> /aw/wb AutoCAD: <input checked="" type="checkbox"/> /aw/wb		Drawing No. 16501-MAL		Issue		Date	

MALAHANG RICE STUDY PROJECT PLOTTED ON 20-09-02 AT 10:00am



SESEKA CONSULTANTS LTD. CONSULTING ENGINEERS, PROJECT MANAGERS & PLANNERS P.O. BOX 2549 PAPUA NEW GUINEA Telephone: 224223 Facsimile: 221173		In Association With ASSOCIATED COOPERATE SERVICES		Client: JCA PNG RICE STUDY PROJECT		Drawing Title LAE LOCATION PLAN		Drawn: CM/AD Checked: OS Designed: xx Checked: xx		Scale As Shown		P/Size A3	
Project: LAE HOROBE PROVINCE		Sheet 1 of 2		Field No. 100-01 Autocad File NAME-01		Drawn: 16%		Issue AE		JCA PNG RICE STUDY PROJECT PLOTTED ON 24-05-02 AT 9:39am			



LEGEND

- EXISTING ROAD
- VILLAGE ACCESS ROAD
- PROPOSED ROAD
- TAMBI VILLAGE
- CONTOUR
- RIVER
- VILLAGE

No.	Date	By	Desc.

SESERKA CONSULTANTS LTD.
 CONSULTING ENGINEERS, PROJECT MANAGERS & PLANNERS
 2nd Floor, 100, Market Street
 Port Moresby, Papua New Guinea
 Phone: (675) 525 2123
 Fax: (675) 525 2124

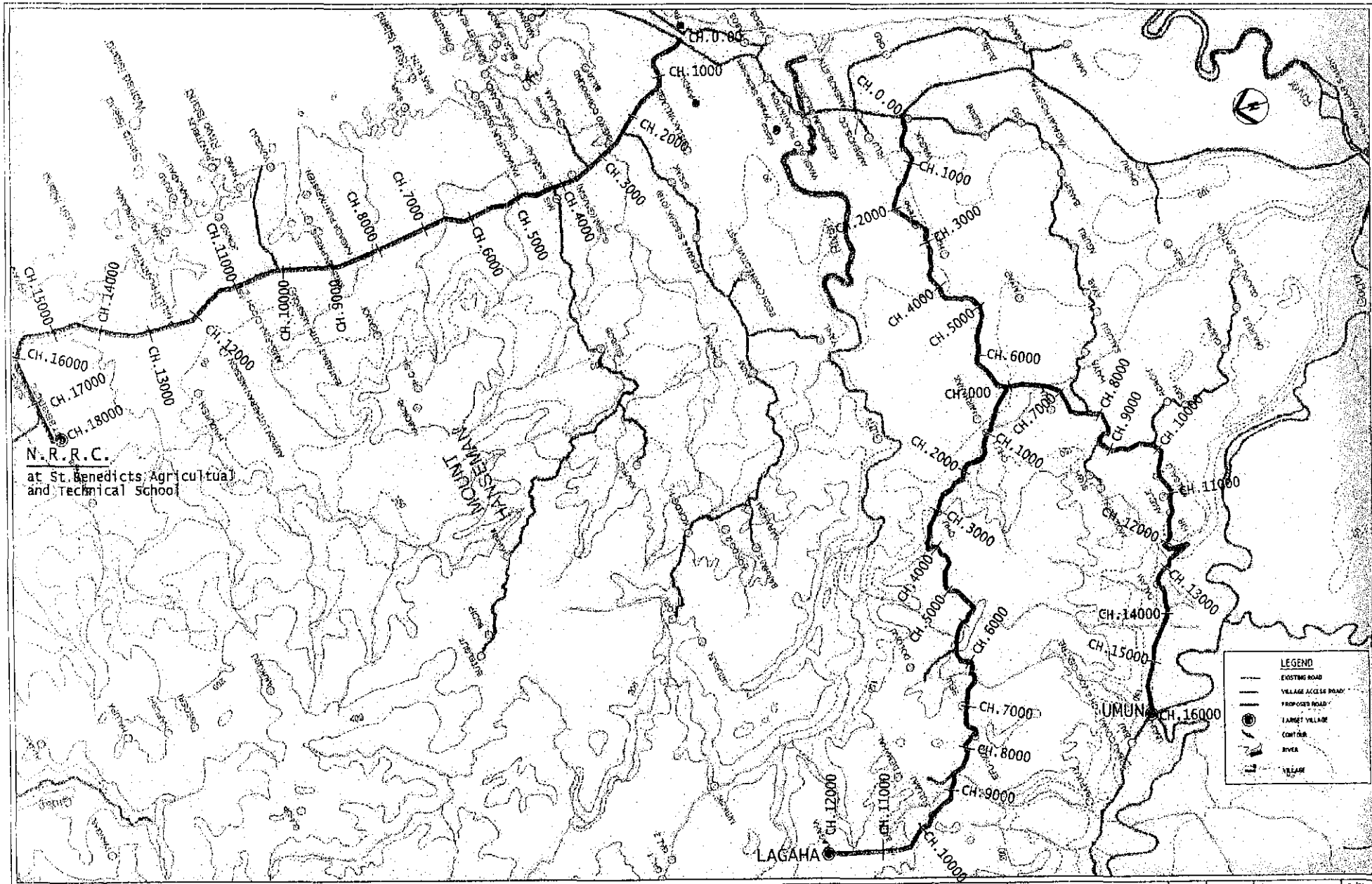
In Association With
ASSOCIATED COOPERATE SERVICES

Client: JICA PNG RICE STUDY PROJECT
Project: FINISHEFF DISTRICT MOROBE PROVINCE

Drawing Title: FINISHEFF DISTRICT LOCATION PLAN
Sheet: 18501-FIN

Drawn	Chk/Adj	Scale	P/Sheet
CS	CS	As Shown	A3
		Drawing No.	Issue
		18501-FIN	

JICA PNG RICE STUDY PROJECT PLOTTED ON 20-06-02 AT BIRME



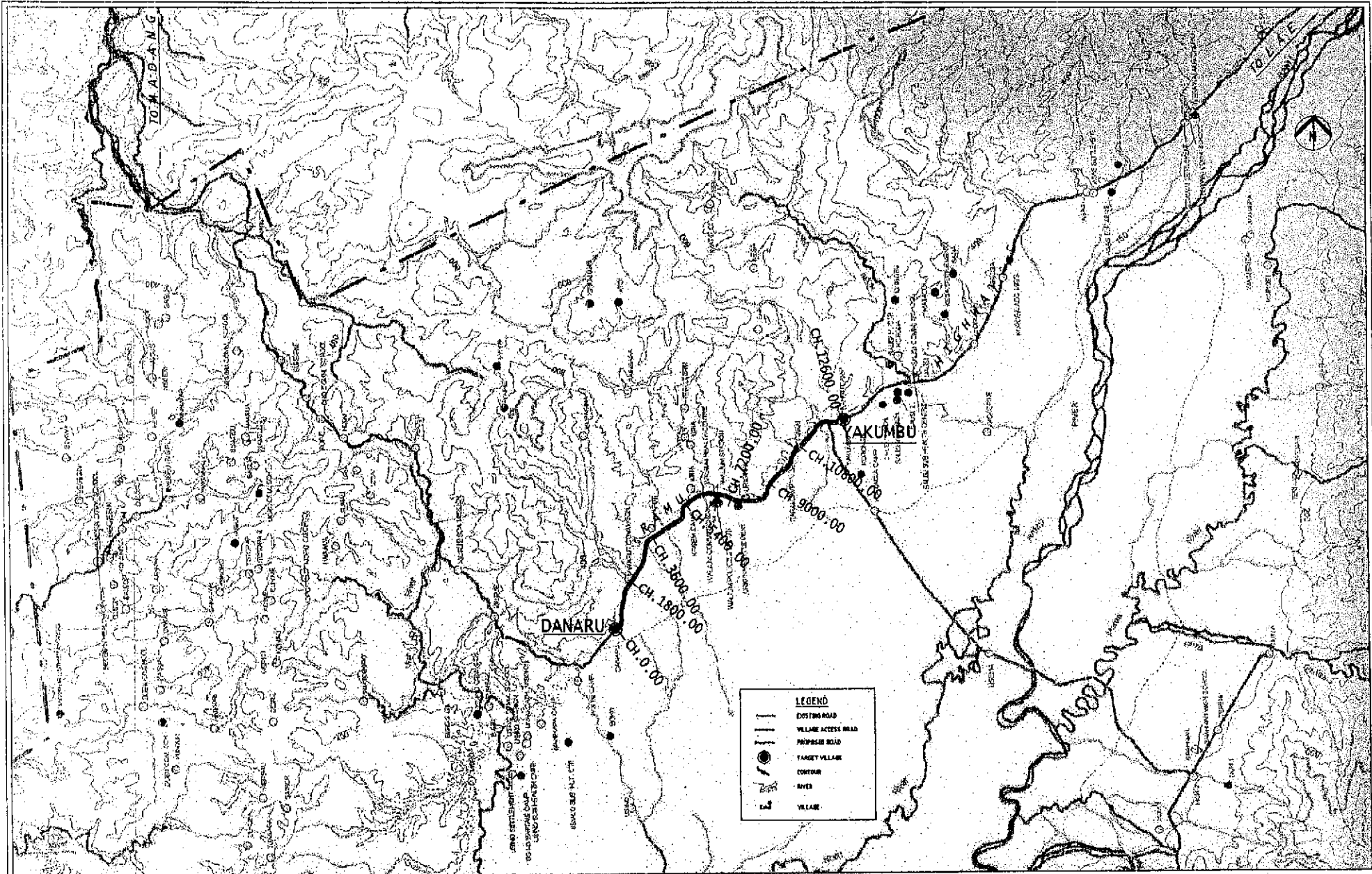
N.R.R.C.
at St. Benedicts Agricultural
and Technical School

LEGEND

- EXISTING ROAD
- VILLAGE ACCESS ROAD
- PROPOSED ROAD
- TARGET VILLAGE
- CENTER
- RIVER
- VILLAGE

SESEKA CONSULTANTS LTD CONSULTING ENGINEERS, PROJECT MANAGERS & PLANNERS P.O. BOX 828 PORT Moresby TEL: 322-213 FAX: 322-213 Email: 3221913	In Association With ASSOCIATED COOPERATE SERVICES	Client:	JICA PNG RICE STUDY PROJECT	Drawing Title:	MADANG DISTRICT LOCATION PLAN	Drawn:	OM/MD	Scale:	As Shown	P/Sheet:	A3	
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				Checked:	xx							

JICA PNG RICE STUDY PROJECT PLOTTED ON 01-09-02 AT 1:30pm



LEGEND

- EXISTING ROAD
- - - VILLAGE ACCESS ROAD
- PROPOSED ROAD
- TARGET VILLAGE
- CONTOUR
- RIVER
- VILLAGE

DATE	DESCRIPTION	BY	DATE

SESEKA CONSULTANTS LTD.
 CONSULTING ENGINEERS, PROJECT MANAGERS & PLANNERS
 P.O. BOX 8288
 PORT Moresby
 PAPUA NEW GUINEA
 Telephone 1 254213
 Facsimile 1 254213

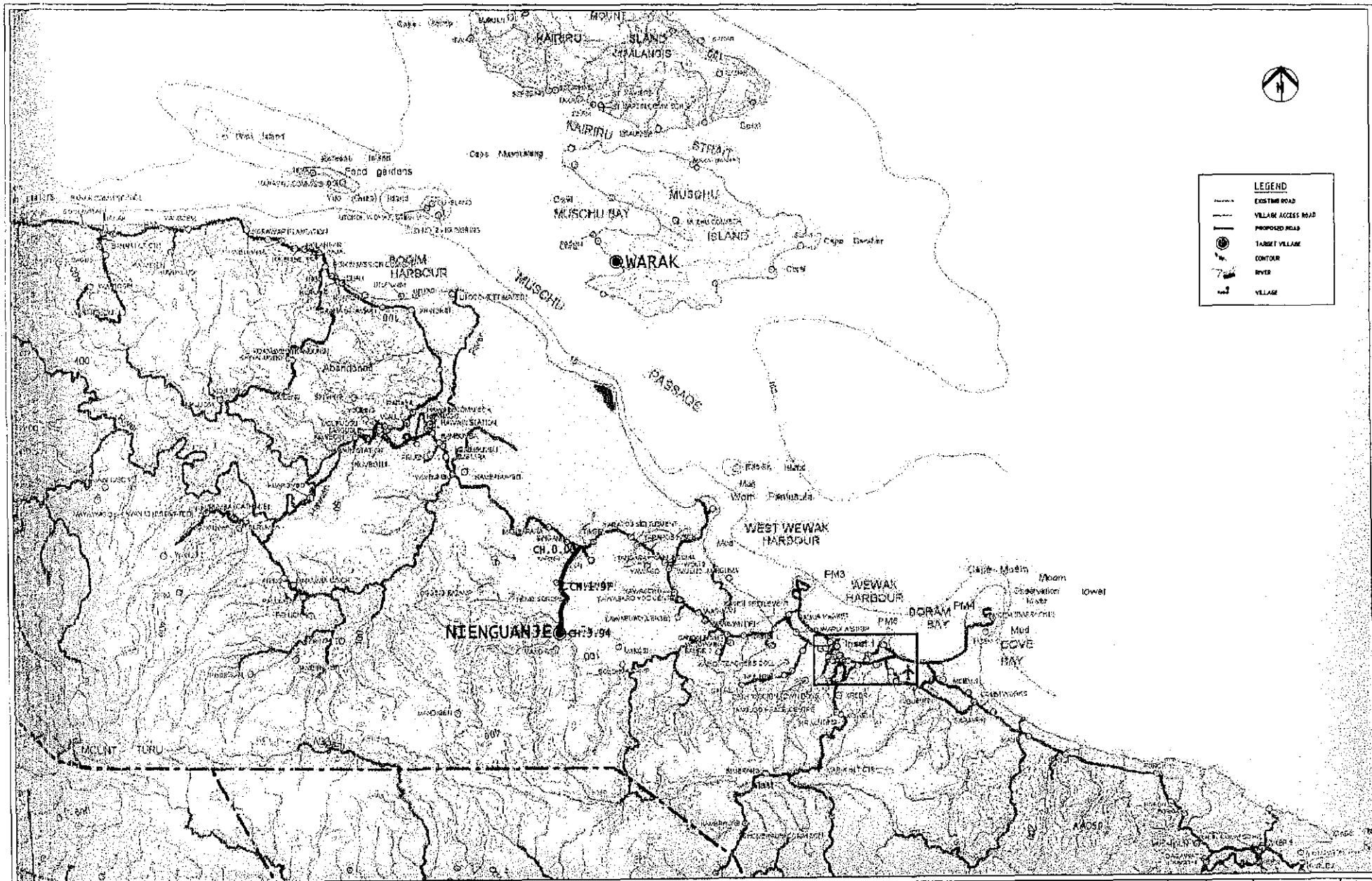
in Association with
ASSOCIATED COOPERATE SERVICES

Client: **JCA PNG RICE STUDY PROJECT**
 Project: **USNO-BUNDI - DISTRICT
 MADANG PROVINCE**

Drawing Title
**USNO-BUNDI DISTRICT
 LOCATION PLAN**

Drawn	du/AD	Scale	P/Str
Checked	GS	As Shown	A3
Designed	cc	Drawing No.	Issue
Sheet 1 of 2	Project No. 18501-USB	Autocad P&R	Checked vt

JICA/PNG RICE STUDY PROJECT PLOTTED ON 24-09-02 AT 9:40PM

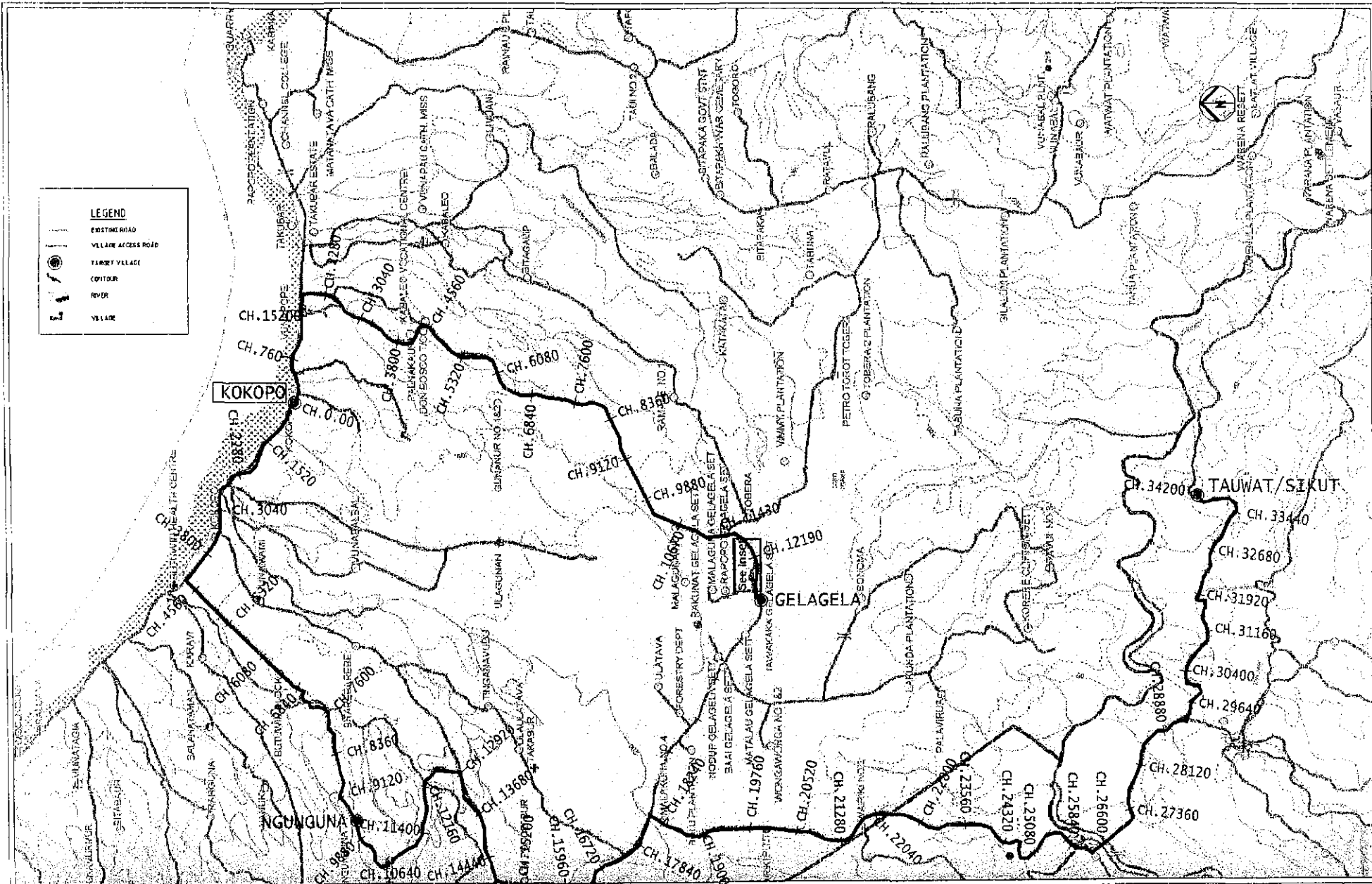


LEGEND

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- - - VILLAGE ACCESS ROAD
- PROPOSED ROAD
- TARGET VILLAGE
- CONTOUR
- ~ RIVER
- VILLAGE

SESEKA CONSULTANTS LTD CONSULTING ENGINEERS PROJECT MANAGERS PLANNERS 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100 TEL: 059 323473 FAX: 059 323473 PO BOX 1133 PORT KAITUMA TEL: 059 323473		Associated with ASSOCIATED COOPERATE SERVICES		Client JCA PNG RICE STUDY PROJECT		Drawing Title WEWAK DISTRICT LOCATION PLAN		Drawn Checked Designed Checked		Scale As Shown		P/Size A3	
Project WEWAK EAST SEPIK PROVINCE		Drawing No. 16		Date 16/01/2007		Author NEW		Date 16/01/2007		Scale 16:1		P/Size NEW	

JCA PNG RICE STUDY PROJECT PLOTTED ON 16-01-07 AT 09:21



LEGEND	
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	TARGET VILLAGE
	CONTOUR
	RIVER
	VILLAGE

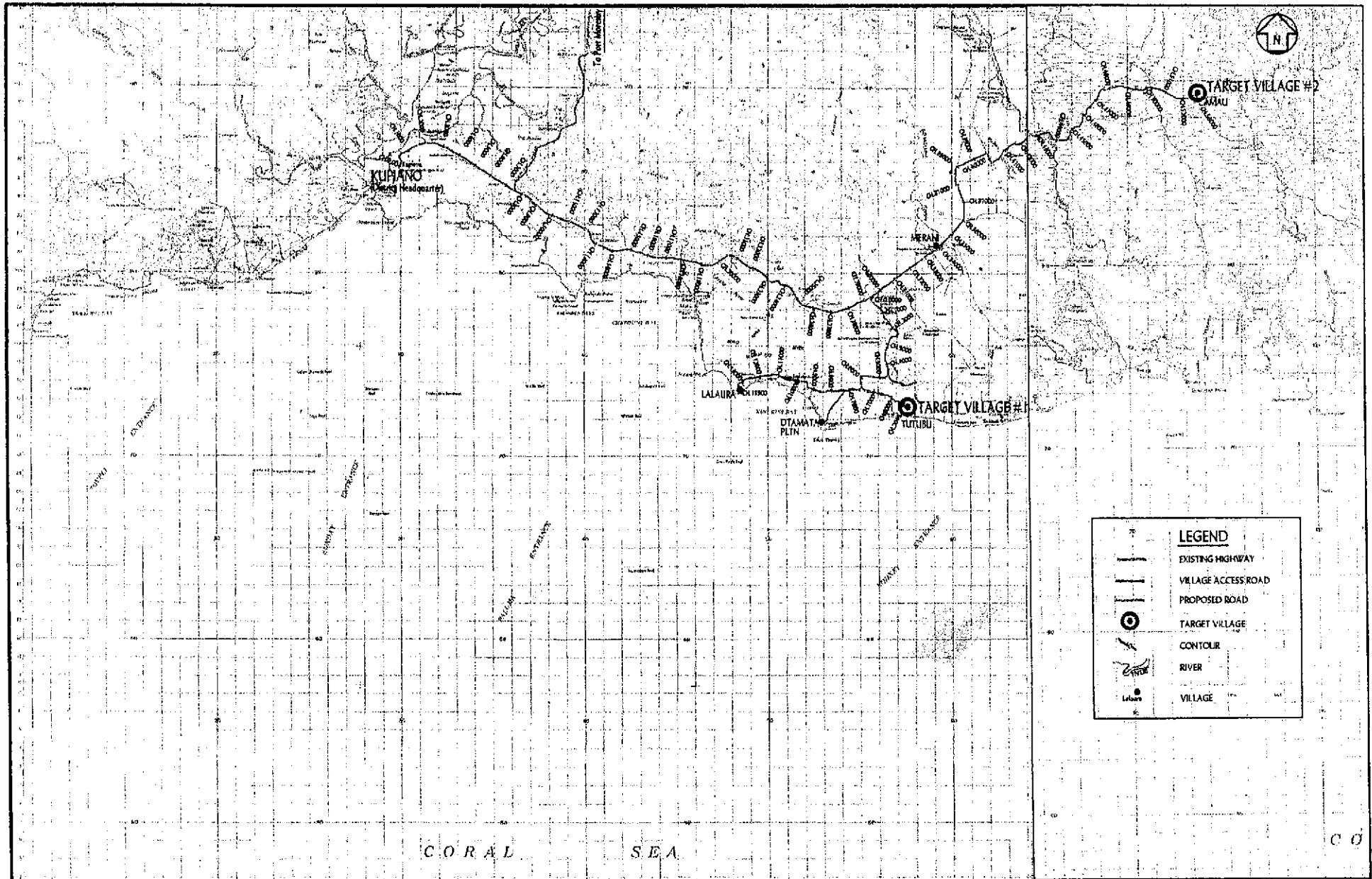
SESEKA CONSULTANTS LTD
 CONSULTING ENGINEERS, PROJECT MANAGERS & PLANNERS
 10 West Hill
 8000000, Honiara
 Telephone: 221273
 Fax: 221273

Associated with
ASSOCIATED COOPERATE SERVICES

Client: **JICA PNG RICE STUDY PROJECT**
 Project: **RABAU DISTRICT EAST NEW BRITAIN**

Drawing Title
RABAU DISTRICT LOCATION PLAN

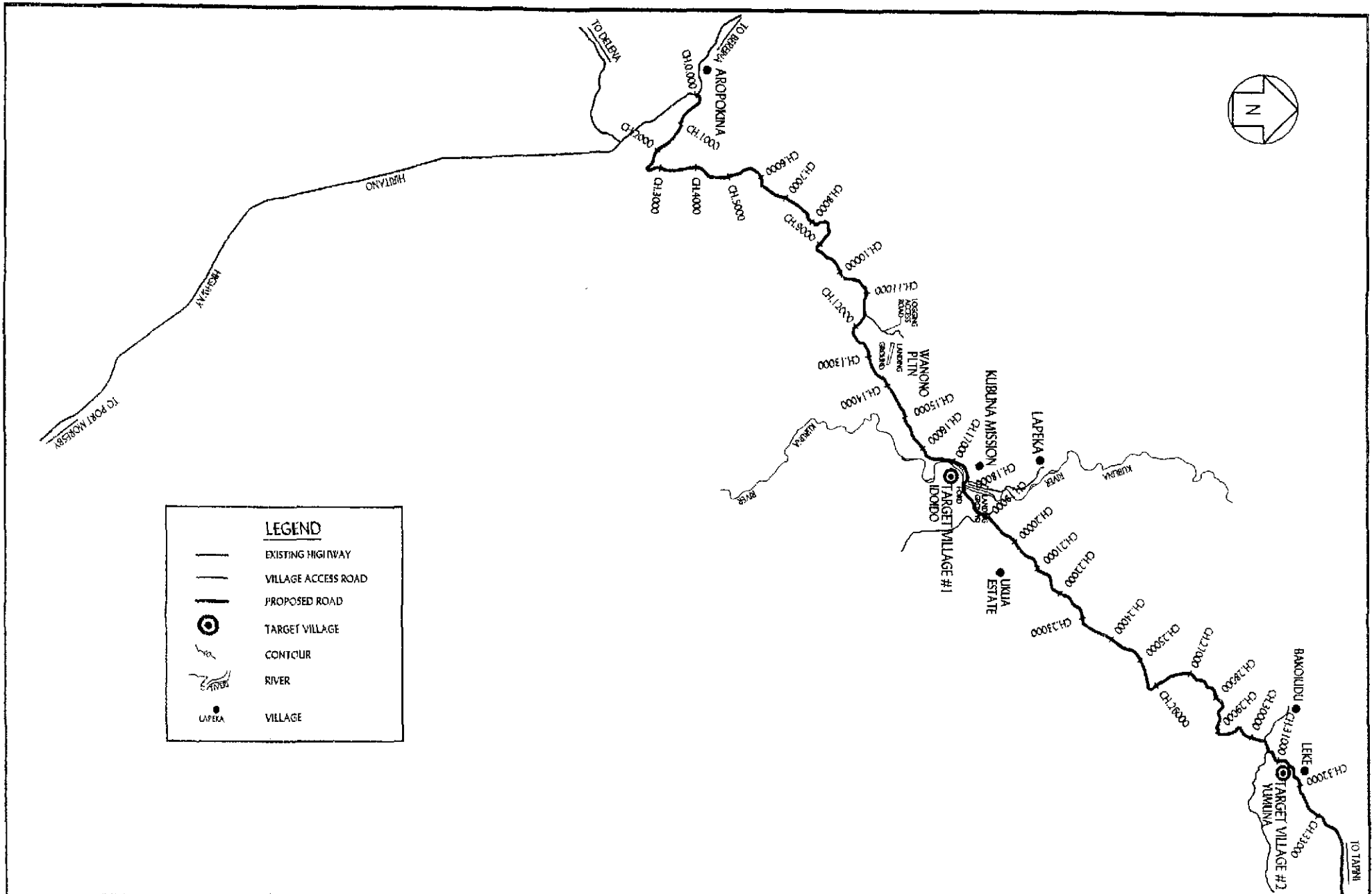
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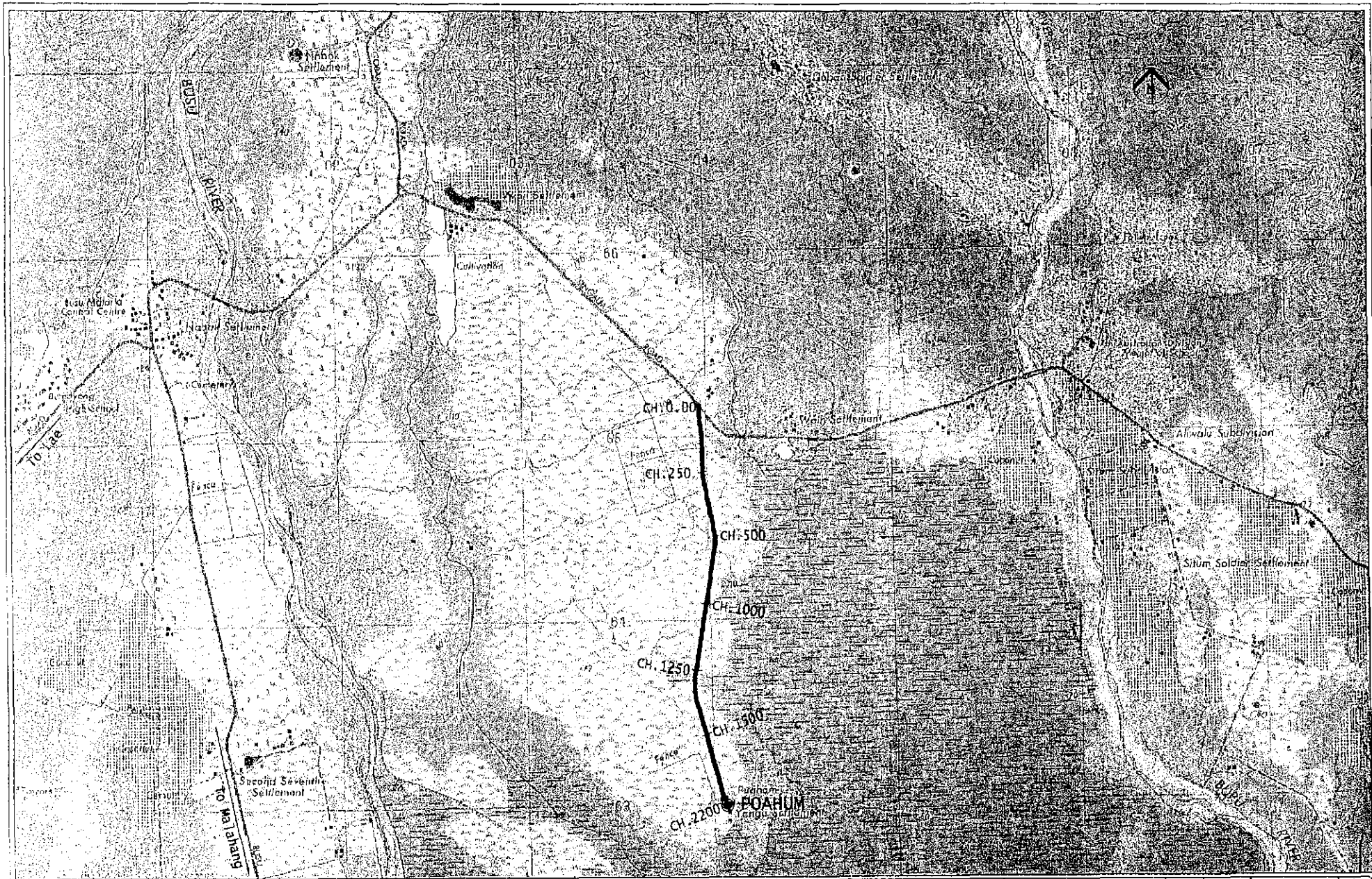
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- VILLAGE ACCESS ROAD
- PROPOSED ROAD
- TARGET VILLAGE
- CONTOUR
- RIVER
- VILLAGE

SESEKA CONSULTANTS LTD. <small>CONSULTING ENGINEERS, PROJECT MANAGERS & PLANNERS 5th FLOOR, 1000 PAPUA NEW GUINEA PHONE: 325 2512 FAX: 325 2511</small>		In Association With: ASS. COR. SERVICES	Client: PNG RICE STUDY PROJECT Project: MARSHALL LAGOON AREA CENTRAL PROVINCE	Drawing Title: ABAU DISTRICT LOCATION PLAN	Drawn: ca Checked: os Designed: Checked: Scale: 1:100 000 Drawing No.: 18502RICE	Sheet 1 of 1 The No. 18502 Kulocod File 18502	Scale: 1:100 000 Drawing No.: 18502RICE Issue: A3
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LEGEND	
	EXISTING HIGHWAY
	VILLAGE ACCESS ROAD
	PROPOSED ROAD
	TARGET VILLAGE
	CONTOUR
	RIVER
	VILLAGE

SESEKA CONSULTANTS LTD. CONSULTING ENGINEERS, PROJECT M & PLANNERS P.O. BOX 628 PORT Moresby, P.M.S. Telephone: 333 5271 Facsimile: 333 2121	In Association With: ASS. COR. SERVICES	Client: PNG RICE STUDY PROJECT Project: KUBUNA, KAIRUKU DISTRICT CENTRAL PROVINCE	Drawing Title: KAIRUKU DISTRICT LOCATION PLAN		Drawn: AS 06/04/03	Scale: 1:100 000	Sheet: 1 of 1	Date: 06/04/03	Issue: 03RICE
			Sheet: 1 of 1		Checked: GS	Drawing No.:	Issue:		
			Title No.:		Designed:	Checked:	Issue:		
			Date:		Checked:	Issue:	Issue:		



SESEKA CONSULTANTS LTD.
 CONSULTING ENGINEERS, PROJECT MANAGERS & PLANNERS
 P.O. BOX 8288
 BORNEO, MELB.
 PAPUA NEW GUINEA
 Telephone: 2323313
 Telex: 2323313

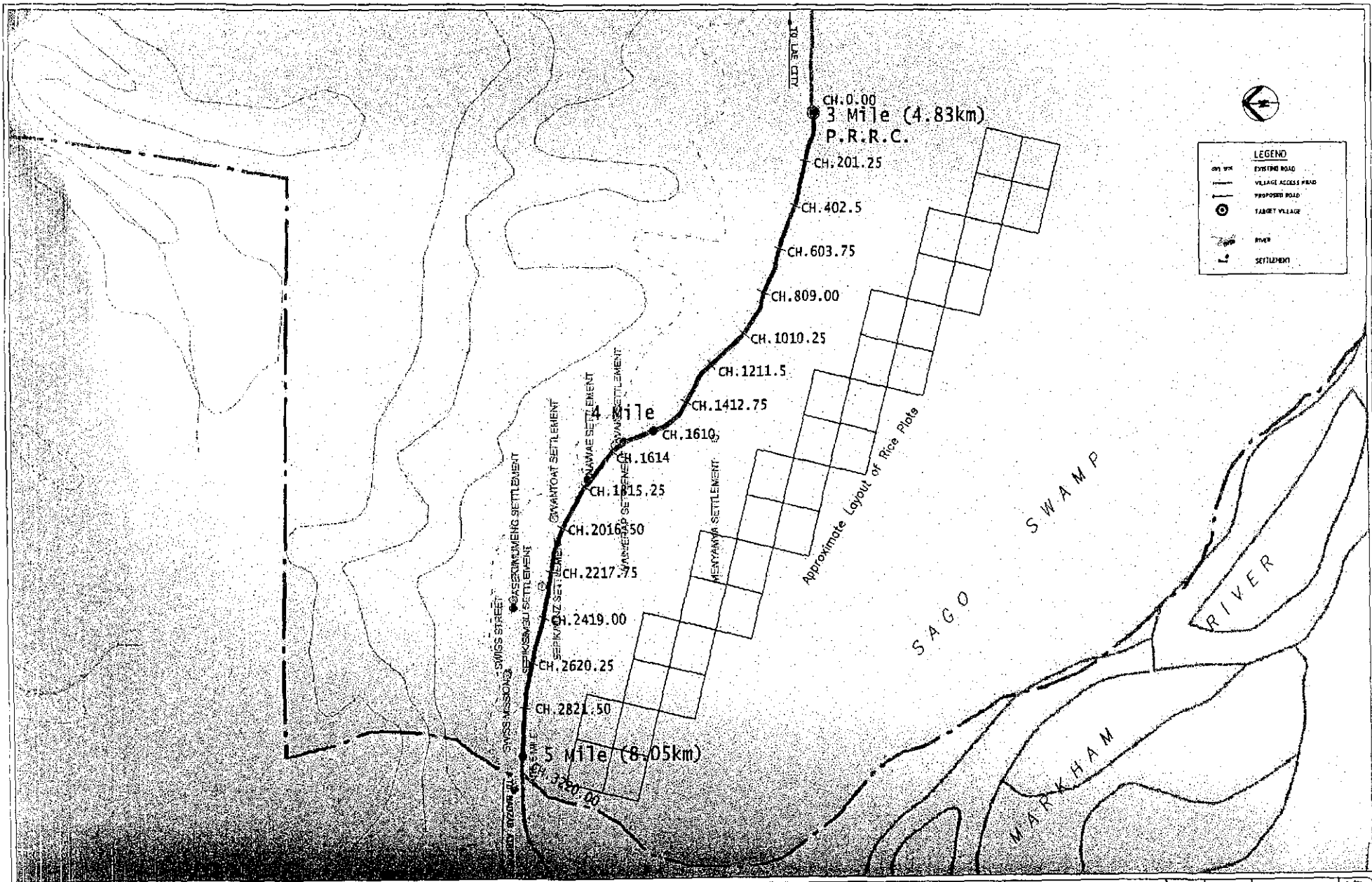
in Association with
ASSOCIATED COOPERATE SERVICES

Client,
JICA PNG RICE STUDY
 Project,
MALAHANG MOROBE PROVINCE

Drawing Title
MALAHANG LOCATION PLAN
 Sheet 02 of 02

Drawn	OM/MB	Scale	P/Size
Checked	OS	As Shown	A3
Designed	OS	Drawing No.	ISSUE
Checked	OS	18501-MAL	

JICA PNG RICE STUDY PROJECT PLOTTED ON 20-07-02 AT 9:02 AM

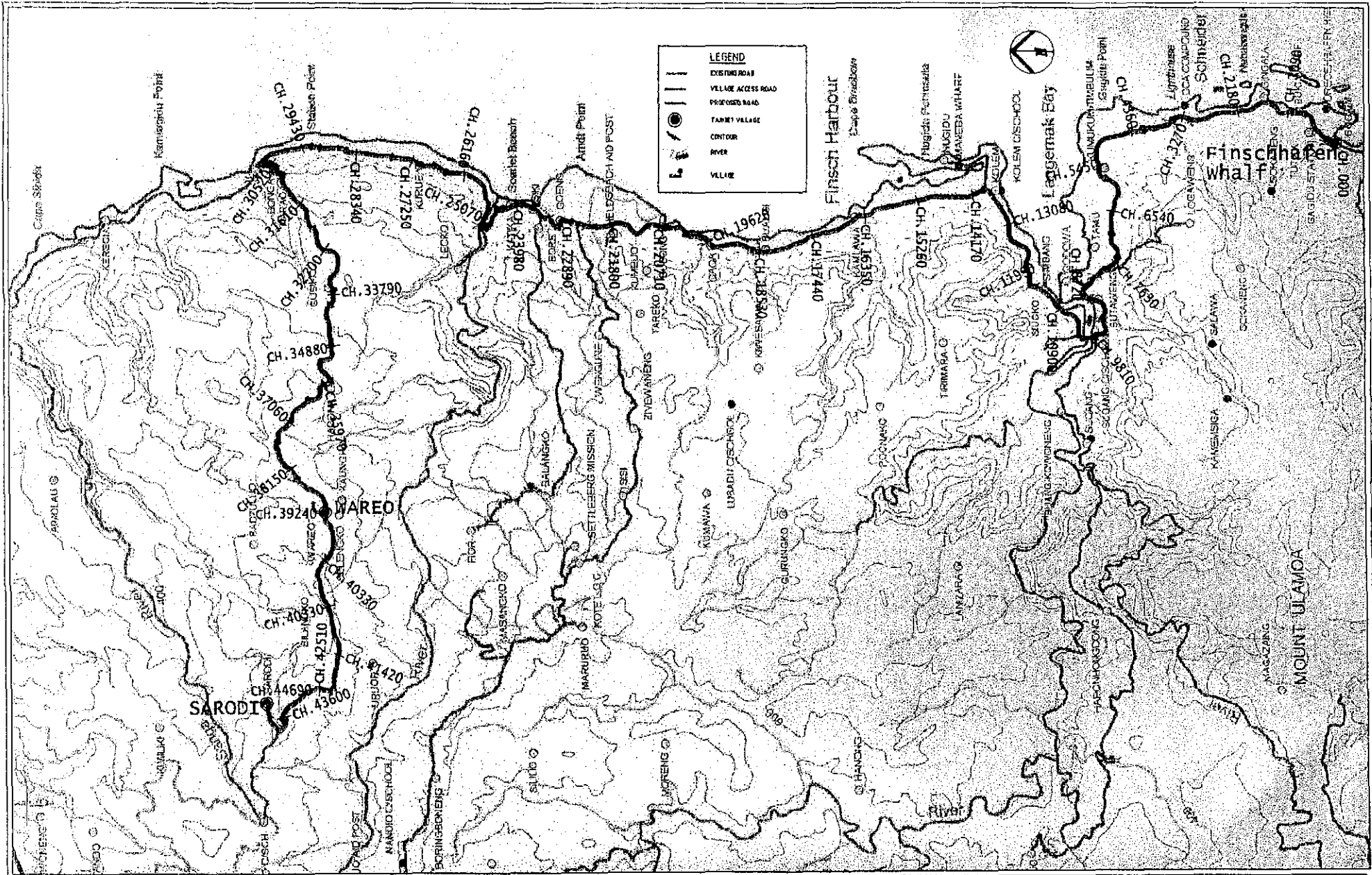


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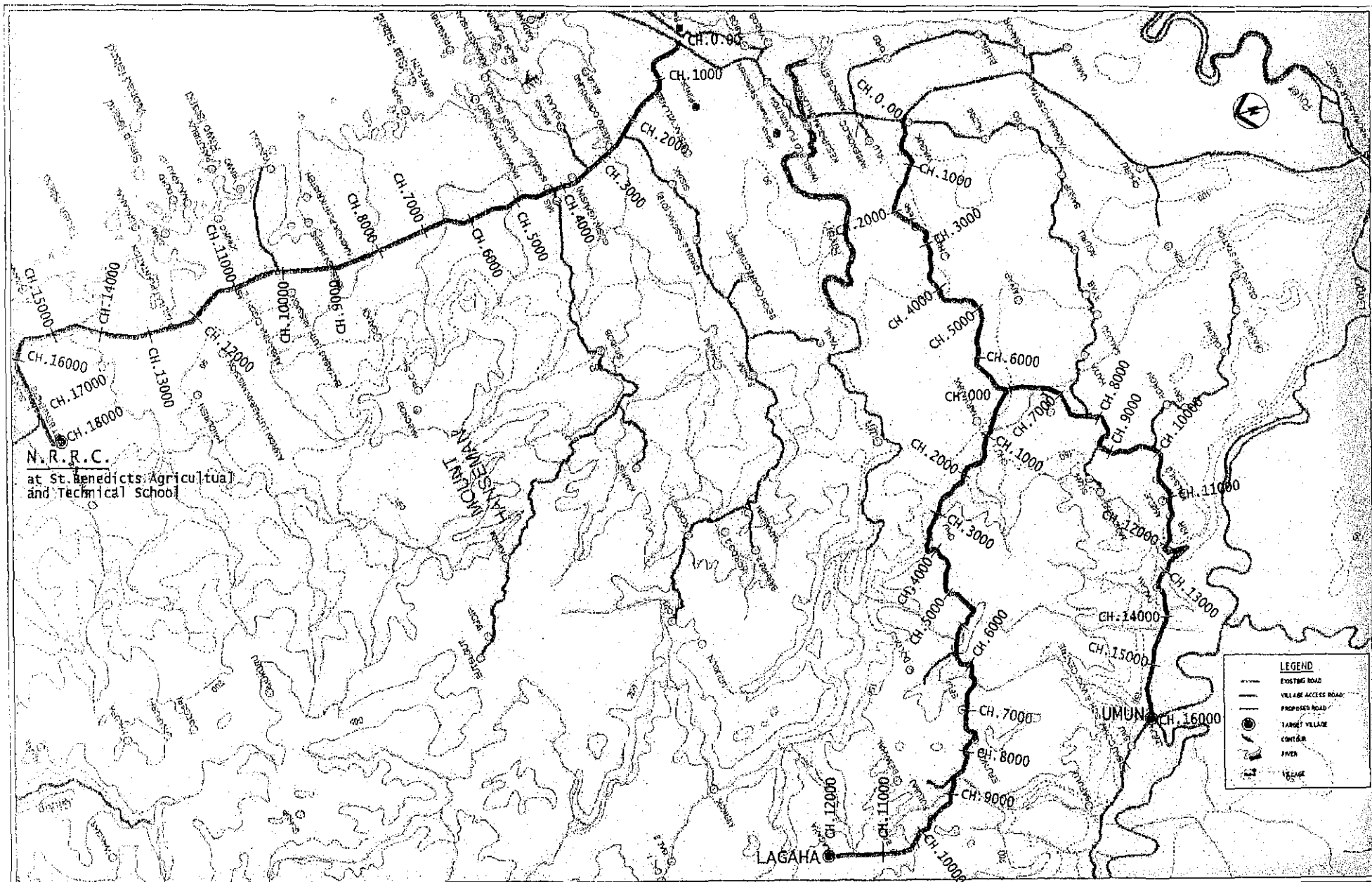
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	VILLAGE ACCESS ROAD
	PROPOSED ROAD
	TARGET VILLAGE
	RIVER
	SETTLEMENT

SESEKA CONSULTANTS LTD. CONSULTING ENGINEERS, PROJECT MANAGERS & PLANNERS P.O. BOX 608 PORT KAITUMA TOROKUA NEW GUINEA Telephone: 324213 Facsimile: 324215		In Association With ASSOCIATED COOPERATE SERVICES		Client JCA PNG RICE STUDY PROJECT	Drawing Title LAE LOCATION PLAN	Drawn OS Checked OS Designed OS Checked OS	Scale As Shown	P/Size A3
Project LAE HOROBE PROVINCE		Sheet 1 of 30		Date 16E AE		Issue		

C:\LAURAL PNG RICE STUDY PROJECT\ PLOTTED ON 20-09-02 AT 8:39AM



SESEKA CONSULTANTS LTD. CONSULTING ENGINEERS, PROJECT MANAGERS & PLANNERS 100, NEW HIGHWAY PORT KAITUMA, PNG TEL: 322-2223 FAX: 322-2223 E-MAIL: 322-2223		In Association With ASSOCIATED COOPERATIVE SERVICES		Client JICA PNG RICE STUDY PROJECT		Drawing Title FINSHAFEN DISTRICT LOCATION PLAN		Drawn Checked Designated Checked		Date/By 08/08 Scale As Shown		P./Size A3 Issue	
Project FINSHAFEN DISTRICT MOROBE PROVINCE		Sheet 16501-FIN		Plotting No. / Autocad File		Checked 08/08		Drawing No. 16501-FIN		JICA PNG RICE STUDY PROJECT PLOTTED ON 20-08-02 AT 8:07 AM			



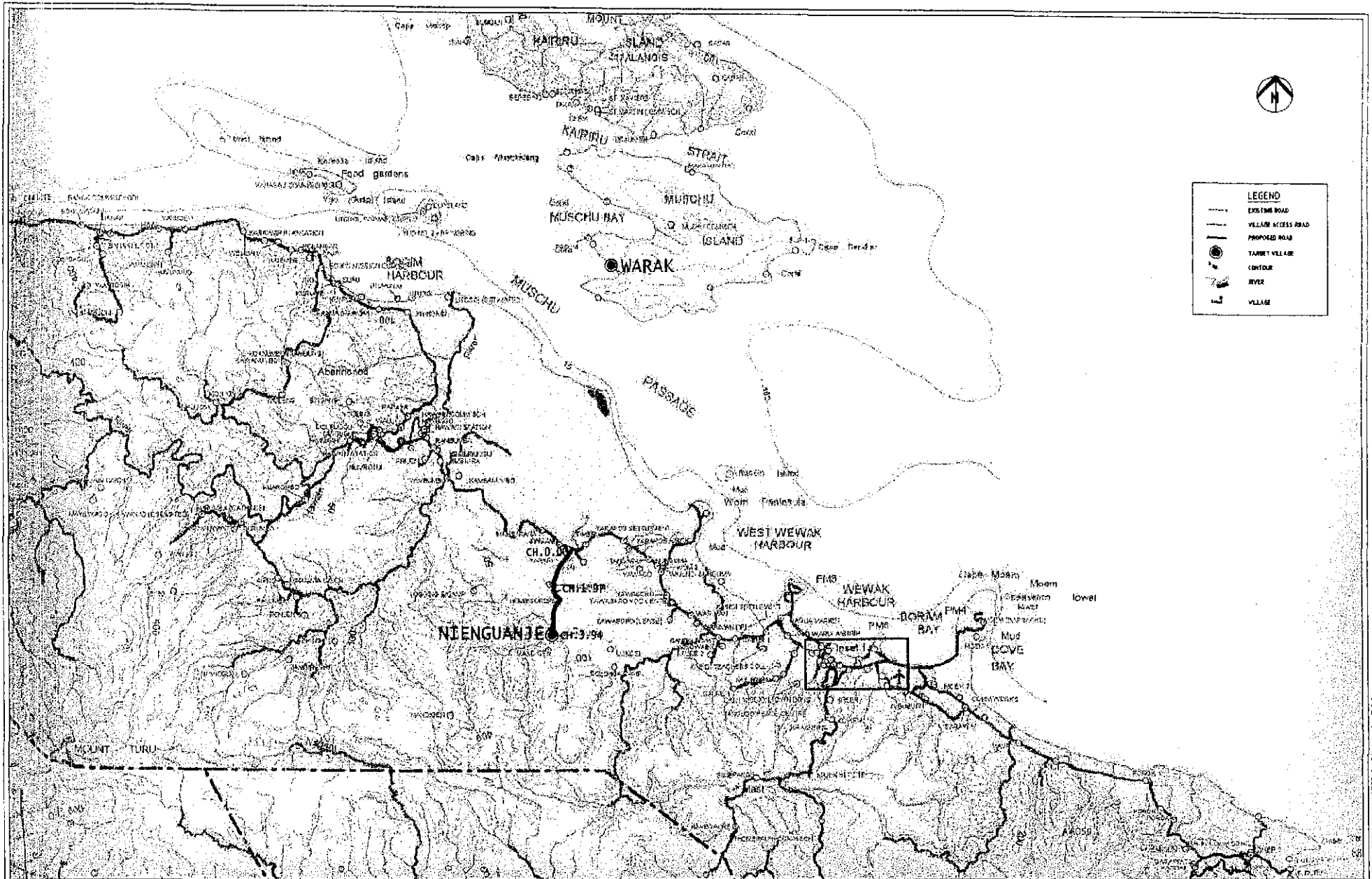
N.R.R.C.
at St. Benedicts Agricultural
and Technical School

LEGEND

- EXISTING ROAD
- VILLAGE ACCESS ROAD
- PROPOSED ROAD
- TARGET VILLAGE
- CONTOUR
- ~ RIVER
- BRIDGE

SESEKA CONSULTANTS LTD. CONSULTING ENGINEERS, PROJECT MANAGERS & PLANNERS P.O. BOX 528 SOERABAYA, IRI PAPER MAP 02/80 Telephone: 322513 Facsimile: 325193	In Association With ASSOCIATED COOPERATE SERVICES	Client:	JICA PING RICE STUDY PROJECT	Drawing Title:	MADANG DISTRICT LOCATION PLAN	Drawn:	AM/AD	Scale:	As Shown	P/Size:	A3	
		Project:	MADANG DISTRICT MADANG PROVINCE	Sheet:	1 OF 22	Checked:	OS	Drawn:				
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MADANG RICE STUDY PROJECT PLOTTED ON 20-10-92 AT 7:03am

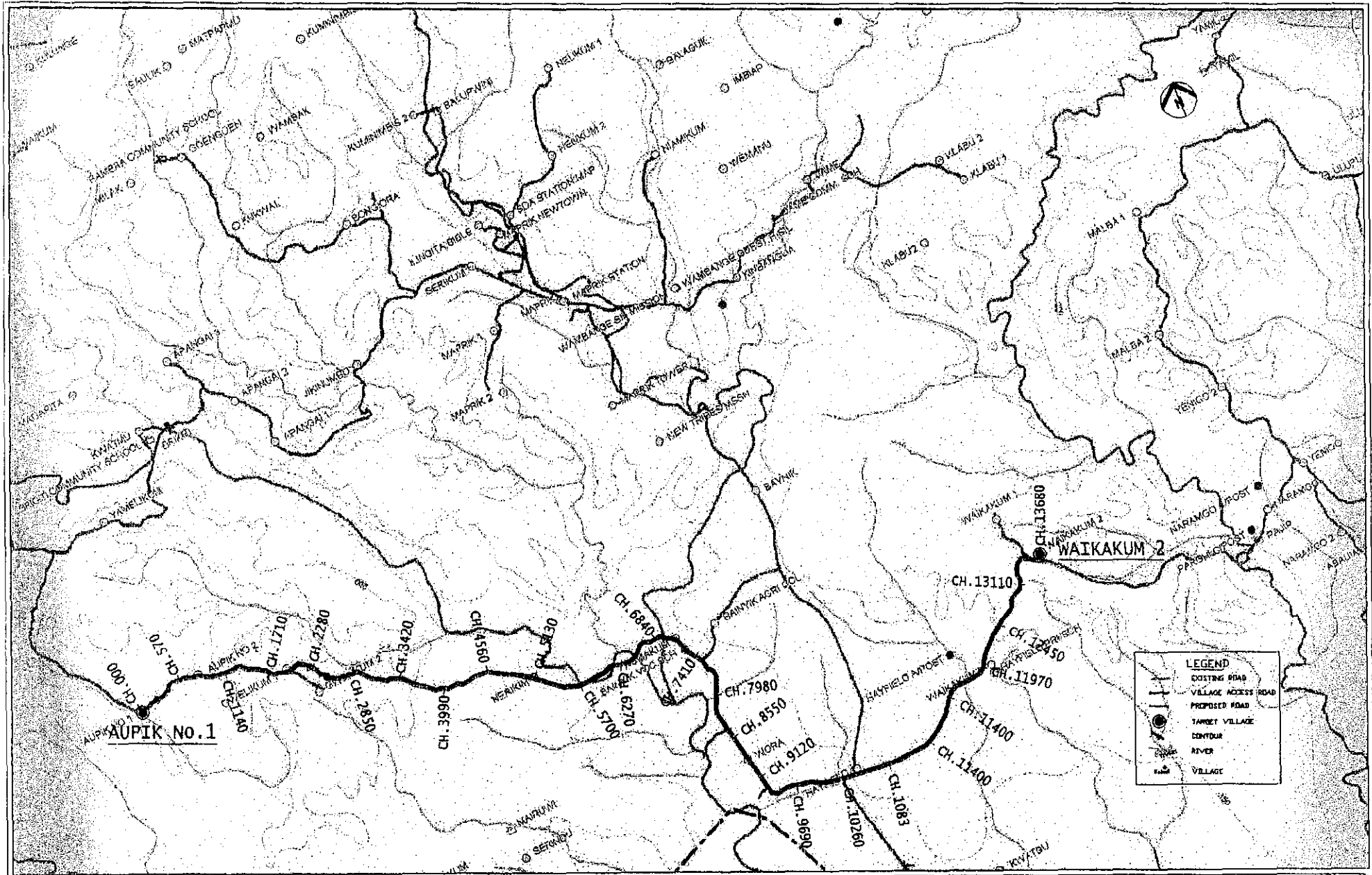


LEGEND

- EXISTING ROAD
- - - VILLAGE ACCESS ROAD
- PROPOSED ROAD
- TARGET VILLAGE
- CONTOUR
- ~ RIVER
- L VILLAGE

SESEKA CONSULTANTS LTD. <small>CONSULTING ENGINEERS PROJECT MANAGERS & PLANNERS</small> <small>P.O. BOX 8388</small> <small>PORT Moresby</small> <small>PAPUA NEW GUINEA</small> <small>Telephone: 3233212</small> <small>Fax: 3233115</small>		<small>In Association with</small> ASSOCIATED COOPERATE SERVICES		Client: JICA PNG RICE STUDY PROJECT Project: WEWAK EAST SEPIK PROVINCE		Drawing Title: WEWAK DISTRICT LOCATION PLAN Sheet 1 of 101		Drawn: GM/AD Checked: OS Designed: AS Checked: SR		Scale: As Shown P/Sheet: A3 Date: 16/ Status: NEW	
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JICA PNG RICE STUDY PROJECT PLOTTED ON 28-09-02 AT 9:30am



ACADRIAS PNG RICE STUDY PROJECT, PLOTTED ON 20-09-02 AT 9:45am

No.	Purpose / Amendment	By	Date

SESEKA CONSULTANTS LTD
 CONSULTING ENGINEERS, PROJECT MANAGERS & PLANNERS
 P.O. BOX 128
 BOROKO, NCD
 TELUKUNDA, NEW GUINEA
 Telephone: 323423
 Telex: 323113

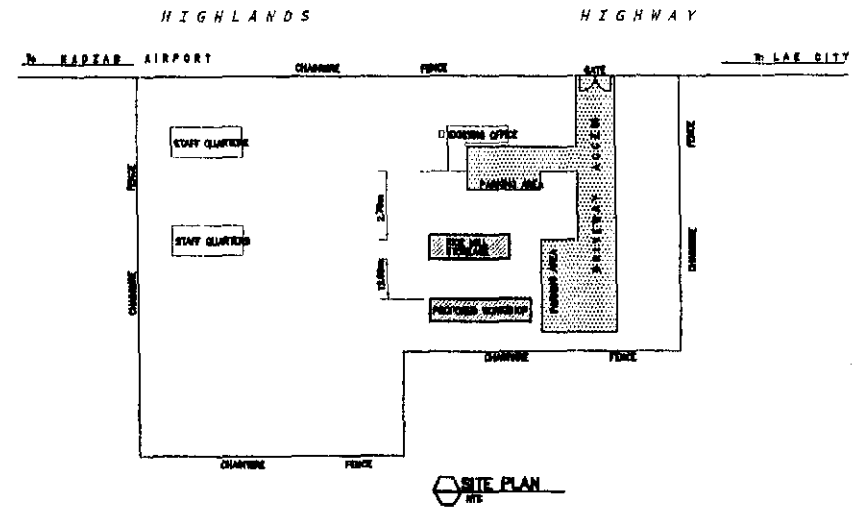
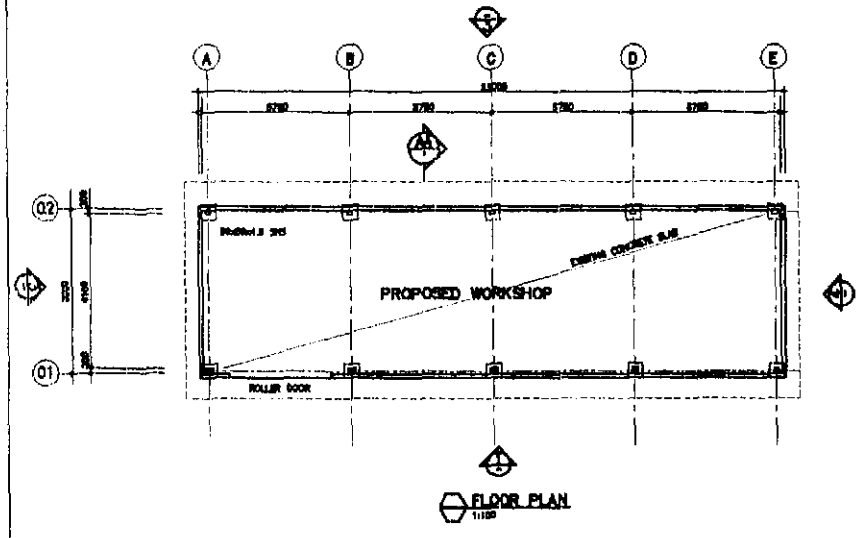
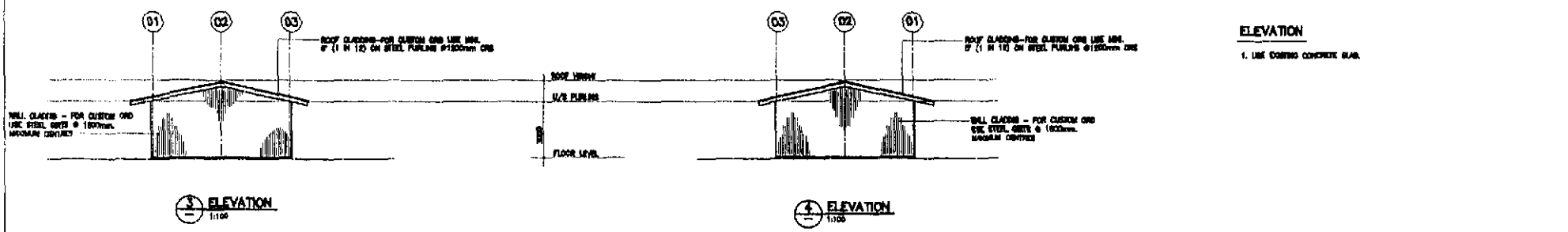
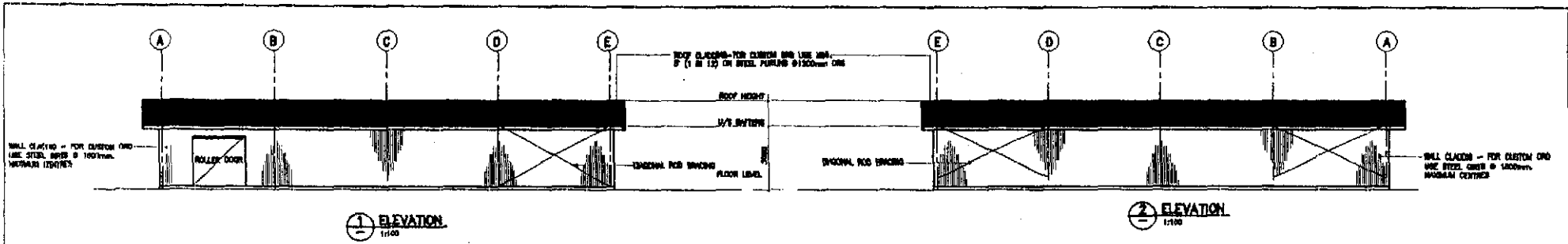
In Association With
ASSOCIATED COOPERATE SERVICES

Client: **JICA PNG RICE STUDY PROJECT**
 Project: **MAPRIK DISTRICT EAST SEPIK PROVINCE**

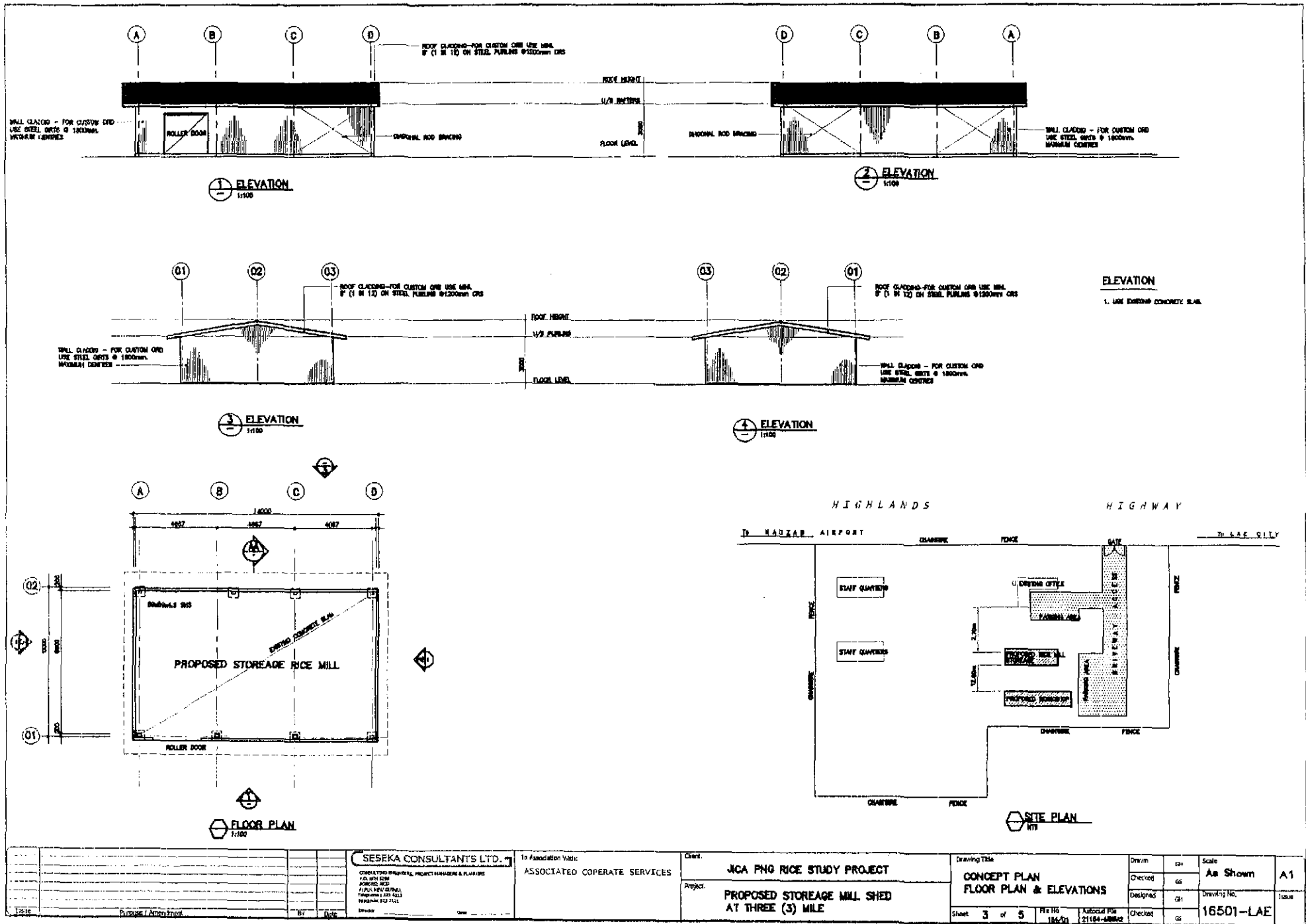
Drawing Title: **MAPRIK DISTRICT LOCATION PLAN**

Drawn	DU/AD	Scale	P/Size
Checked	DS	As Shown	A3
Designed	SS	Drawing No.	JES11
Checked	SS	18501-MAP	

**ANNEX 3 – FLOOR PLANS OF PROPOSED PROVINCIAL
RICE RESOURCES DEVELOPMENT CENTRES**



SESEKA CONSULTANTS LTD. CONSULTING ENGINEER, PROJECT MANAGERS & PLANNING 12, 10th FLOOR BONGAO, LAE P.O. BOX 1000 TEL: 059 323 023 FAX: 059 323 023 MOBILE: 993 3311	In Association WITH: ASSOCIATED COOPERATE SERVICES	Client: JICA PNG RICE STUDY PROJECT	Drawing Title: CONCEPT PLAN FLOOR PLAN & ELEVATIONS	Drawn: [] Checked: [] Designed: []	Scale: As Shown Drawing No.: 48504-1-1-1	Sheet: A1 Issue:
		Project: PROPOSED WORKSHOP AT THREE (3) MILE	Date:	Date:	Date:	
		Date:	Date:	Date:	Date:	



Title	Purpose / Amendment	By	Date	SEBEKA CONSULTANTS LTD. CONSULTING ENGINEERS, PROJECT MANAGERS & PLANNERS P.O. BOX 6288 KOROBUA RD P.O. BOX 10000 TRUWANA RD 9413 HAGAIA RD 7121	In Association With: ASSOCIATED COOPERATE SERVICES	Client: JCA PNG RICE STUDY PROJECT	Drawing Title: CONCEPT PLAN FLOOR PLAN & ELEVATIONS	Drawn	CS	Scale	As Shown	A1				
								Checked	CS	Drawn/No.						
Project:						PROPOSED STORAGE MILL SHED AT THREE (3) MILE		Designed	CS	Drawn/No.	Issue					
Sheet							3	of	5	File No	16501	Autocad File	21164-16501	Checked	CS	16501-LAE

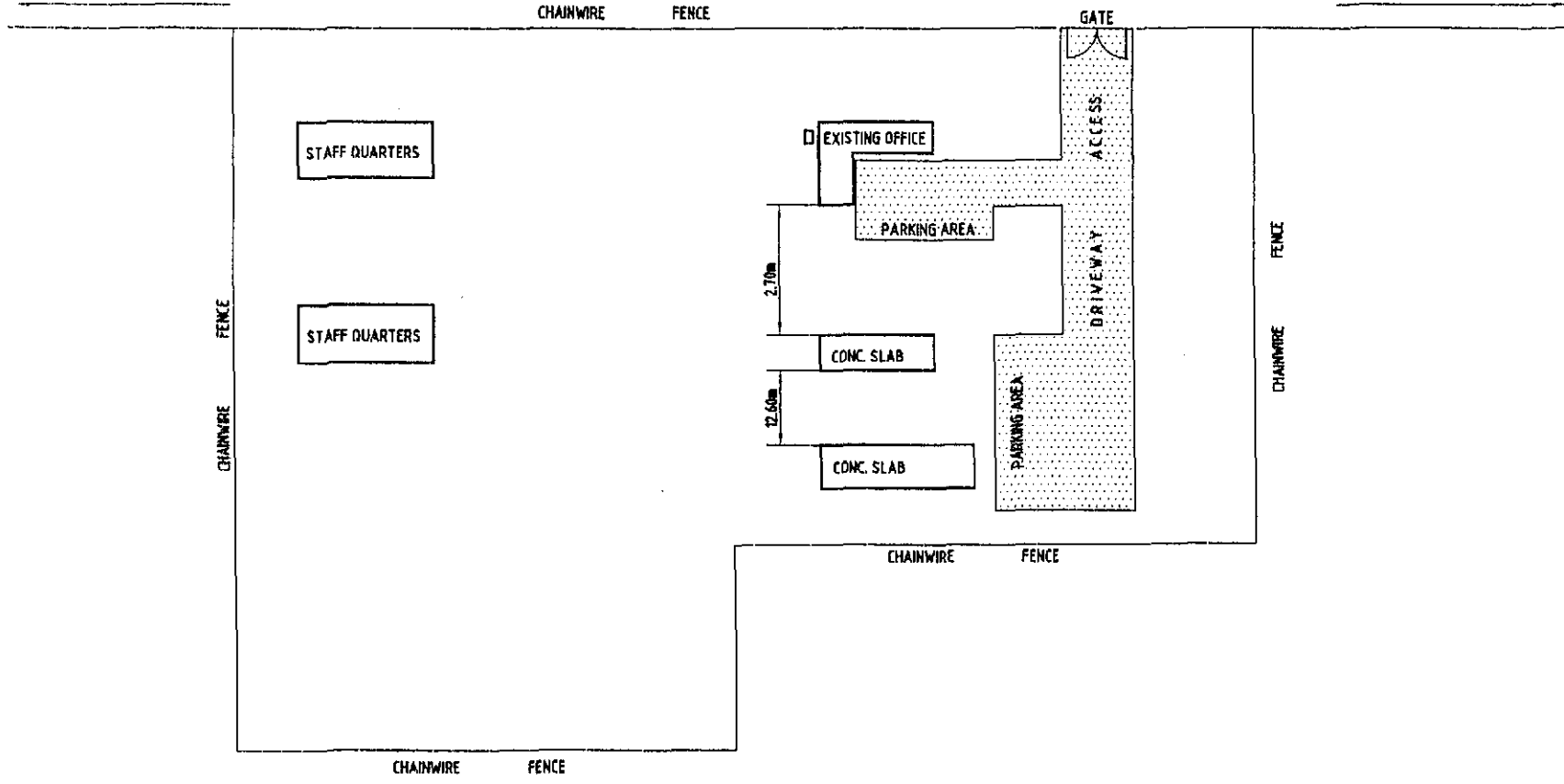


HIGHLANDS

HIGHWAY

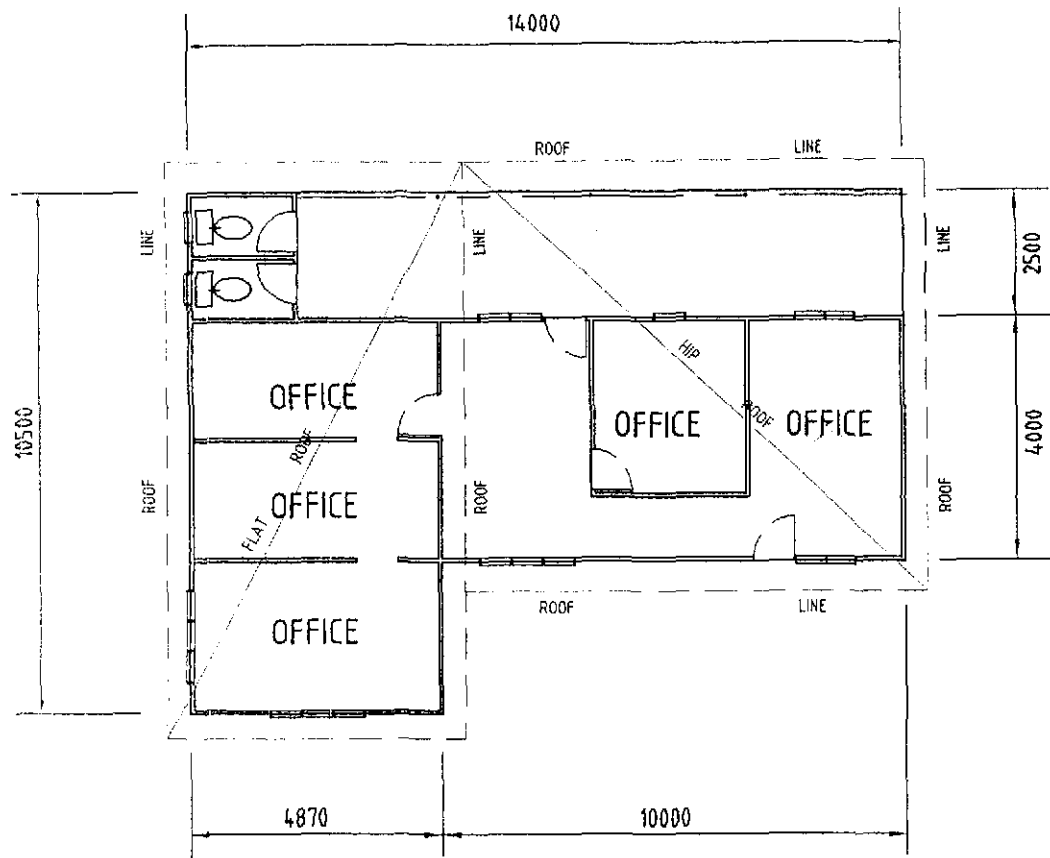
To MADZAB AIRPORT

To LAE CITY



GESEKA CONSULTANTS LTD CONSULTING ENGINEERS, PROJECT MANAGERS & PLANNERS P.O. BOX 5288 SCHEMATA ROAD PAKA, NEW BRITAIN TEL: (677) 323421 FAX: (677) 323423 E-MAIL: geseka@netcom.com.pg		In Association With ASSOCIATED CO-OPERATE SERVICES	Client: PNG RICE STUDY PROJECT Project: LAE DISTRICT MOROBE PROVINCE	Drawing Title: THREE (3) MILE SITE PLAN	Drawn: OM/AD Checked: OS Designed: xx Sheet: 1 of 1	Scale: As Shown Drawing No.: 16501	P/Size: A3 Issue: LAE
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ACCORDING TO RICE STUDY PROJECT, PLOTTED ON 20-06-02 AT 09:15P



EXISTING OFFICE FLOOR PLAN

SHEET NO. _____ OF _____ DATE _____	PURPOSE / REVISIONS _____ _____ _____	SESEKA CONSULTANTS LTD. <small>CONSULTANTS ENGINEERS, PROJECT MANAGERS & PLANNERS</small> P.O. BOX 2288 LAE, PNG PHONE: 059 323411 TELEFAX: 059 323412 E-MAIL: info@seseka.com.pg	IN ASSOCIATION WITH ARCHITECTS ENGINEERS	Client: JICA PNG RICE STUDY PROJECT	Drawing Title: EXISTING OFFICE FLOOR PLAN	Drawn: GM/MD	Scale: A_s Shown	P./Site: A3
				Project: LAE DISTRICT MOROBE PROVINCE	Sheet: 1 of 8 File No. 18501-01 Autocad File 18501-01	Checked: GM	Drawing No.: 18501- LAE	Issue:

ANNEX 4 – SPECIFIC PROJECTS COSTS

SPECIFIC INFRASTRUCTURE PROJECTS

1.0 General

The JICA Small Holder Rice Study identified specific projects in relation to the establishment of Provincial and the National Rice Resource Centres in the Provinces under the study.

During the field trips various schools and church establishments were identified with the assistance of the provincial DAL staff as suitable for the establishment of Rice Resource Centres for each of the Provinces under the study. Further visits to these locations were undertaken by the engineer to establish the infrastructure requirements of each of the locations. As the visits were very brief detail survey including details of maintenance requirement of each building and the topography of the areas were not undertaken.

The locations identified and the infrastructure requirement to establish the locations as Provincial or National Rice Resource Centres are discussed in the following segments.

2.0 Rice Resource Centres

The Rice Resource Centres will basically be used as centres to run short training programs, promote local rice growing, plant demonstration plots and promote seed production and located rice related machinery such as rice mills etc. The school is expected to provide rice milling services to the local farmers.

2.2 Kubuna, Central Province

Kubuna was considered the most suitable location for the establishment of the resource centre for the Central Province. The infrastructure needs for training is already established at the Kubuna Catholic Mission.

2.2.1 Kubuna Catholic Mission

2.2.1.1 Pastoral Centre

The Parish Priest of Kubuna Fr. Roger Percell is actively involved in running of short training courses for the training of mission lay workers and staff at the Kubuna Pastoral Centre. The facilities at the Pastoral Centres comprised of two large, two story buildings and a single story building having the following facilities.

1. Accommodation Units
One, hundred person dormitory
Two, thirty person dormitories
2. Lecture Rooms
One, hundred seat room
Three, thirty seat rooms

3. Dinning, Kitchen and Ablution Facilities
The centre has two dinning rooms, which can sit up to 75 persons at a time; well kept and manage kitchen facilities and ablution blocks for male and female students.

There are no major infrastructure requirements to develop the Pastoral Centre into a Rice Training Centre as part of the proposed Resource Centre.

However the course participants bring their own bedding during training as the dormitories does not have beds, mattresses, pillows etc.

The cost of accommodation at the Pastoral Centre are:

- Rooms only K 10.00 per night per person
- Room and Meals K 25.00 per night per person.

2.2.1.2 Kubuna DAL Station

The Kubuna DAL station, which is only ten minutes walk from the Kubuna Mission, was abandoned and is no longer operational. Idoido villagers currently occupy the accommodation units in the station.

The following buildings are at the station:

- One high set high covenant house
- Five low set brick houses
- Low set office block.

Two of the brick houses are very rundown and are currently unoccupied, while the local villagers occupy the other four houses. The Office block is locked and appeared in good state except for general maintenance. The buildings have generally not been vandalized.

It is considered that the local villagers are only living in the units as caretakers and would vacate the units when required.

2.2.1.3 Facilities Requirement

The Kubuna mission station already has a workshop and machinery shed. However the mission does not have a building for use as rice storage and milling shed.

The following facilities are required at Kubuna Mission

- i) Rice milling and storage shed.
- ii) Beds and mattresses for the dormitories

2.2.1.4 Machinery

The Kubuna Mission has a tractor and plough. The station does not have a rice mill. A rice mill was donated by DAL to Idoido villagers and is available at Kubuna.

2.2.1.5 Demonstration Farm

The Kubuna Mission has sufficient land available for rice farming. Actually the Church Brothers have already commenced planting rice at the mission.

IdoIdo village which is only five minutes walk has suitable flat land near the river for rice planting. An irrigation system with low head pump will be required for the irrigation of the rice plots.

2.2.1.6 Development and Maintenance Costing

Below we tabulate the costing for facilities construction, maintenance and machinery requirement costing for Kubuna.

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	Dormitories				
1.1	Supply of Bedding	No.	50	210.00	22,500.00
1.2	Supply of Mattresses	No.	50	120.00	6,000.00
2.	Milling and Storage				
	Shed	item			150,000.00
3.	Supply and installation of	item			30,000.00
	Pump, pipeline and shed				
4	Maintenance of				
	DAL Station				
4.1	Two unoccupied brick houses	item			30,000.00
4.2	High covenant house	item			20,000.00
4.3	Three occupied houses	item			20,000.00
4.4	Office block	item			10,000.00
	Sub Total				K288,500.00
	Contingencies 15 %				K 43,275.00
	Total Estimate				K 331,775.00

2.3. Morobe Province - Three Mile DAL Facilities

Three Mile was considered the most suitable location for the establishment of the Resource Centre, for the Morobe Province. The establishment consists of two distinct facilities, yet closely related in purpose and location.

2.3.1. National DAL Facilities.

The National DAL In-Service College at Three Mile, was used in the past by the National DAL to conduct related courses for its extension officers. The College has not been used for this purpose since the Provincial Reforms were introduced some

years ago. It is currently used on a hire basis by interested Government organizations and private groups to conduct seminars/workshops, host conferences and other short-term programmes for their staff.

The College consists of the following facilities to cater for forty participants:

- Classrooms, fitted with modern teaching aids;
- Accommodation facilities, full bedding requirements, except own towels,
- Mess and Kitchen facilities,
- Entertainment area,
- Office facility for the support staff with the necessary office equipment.
- Ample vacant land area for demonstration farms,
- Good irrigation potential.

The facility is within the Lae city limits, and can be reached without any difficulty. It has a 24hrs power supply from ELCOM, and other utilities like water, sewerage and telephone services including the internet services are available and operational.

Presently, the facility is being manned/managed by an Officer-In-Charge with two Assistants.

2.3.2. Provincial DAL Facility.

Provincial DAL facility at 3Mile, is directly opposite and below the above National DAL college, with the Highlands Highway separating the two. The facility has been used in the past by the Provincial DAL to train its provincial staff. Because of the reforms in the Provinces, all, but one, staff has been posted to their respective LLG. Following facilities are available:

- An office building; needing full renovations,;
- Two high-set staff housing,
- Two hard-stands, less their super-structures;
- Perimeter fence.

Power, water and telephone services to the facility have been disconnected for non-payment of outstanding utility bills.

2.3.2.1. Facilities Requirements.

The following facilities are required at the Three Mile Provincial DAL set-up:

- New Rice Milling and Storage Shed and
- New Workshop and Machinery Shed. And
- Renovation of existing Office.

2.3.2.2. Demonstration Farms.

The National DAL In-Service College has adequate vacant land to cater for demonstration plots for farmers.

The Provincial DAL facility also has vacant land to meet the above requirement.

2.3.2.23. Development and Maintenance Costing.

Item	Description	Unit	Quantity	Rate (K)	Amount (K)
1	Milling and Storage Shed	No	1	100,000	100,000
2	Workshop and Machinery Shed	No	1	150,000	150,000
3	Supply and installation of Pump and shed, and piping/fittings				30,000
4	Maintenance of 3 Mile Provincial DAL Office.	No	1	8,500.00	8,500.00
* 5	Arrears for Utility Charges				
6	New Access Road			5,500.00	5,500.00
	TOTAL				294,000.00

Should be the provincial government's responsibility to meet.

2.3.2.23. Development and Maintenance Costing.

Item	Description	Unit	Quantity	Rate (K)	Amount (K)
1	Milling and Storage Shed	No	1	100,000	100,000
2	Workshop and Machinery Shed	No	1	150,000	150,000
3	Supply and installation of Pump and shed, and piping/fittings				30,000
4	Maintenance of 3 Mile Provincial DAL Office.	No	1	8,500.00	8,500.00
* 5	Arrears for Utility Charges				
6	New Access Road			5,500.00	5,500.00
	TOTAL				294,000.00

Should be the provincial government's responsibility to meet.