

Japan International Comperation Agency

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27551

## Master Plan and Feasibility Study on Kemayoran Urban Housing Development and Renewal Project in The Republic of Indonesia

**Final Report** 

**Appendix** 

March, 1990

**Japan International Cooperation Agency** 

### FINAL REPORT APPENDIX TABLE OF CONTENTS

			<u>Page</u>
APPENDIX	A	MODEL STUDY OF HOUSING LAYOUT BY TYPE	A-1
APPENDIX	В	DATA OF HOUSING DEVELOPMENT - PROJECT PROFILE - HOUSING CATALOGUE	B-1
APPENDIX	С	INFRASTRUCTURE BACK-UP DATA	C-1
APPENDIX	<b>D</b> .	NEIGHBOURHOOD FACILITY BACK-UP DATA	D-1
APPENDIX	E	EXAMPLES OF HOUSING DEVELOPMENT PROJECT	E-1
APPENDIX	F	SUMMARY OF SURVEY DATA OF 6 SITES FOR CASE STUDY	F-1
APPENDIX	G	CASH FLOW TABLE FOR PERUMNAS HOUSING DEVELOPMENT AREA	G-1

APPENDIX A MODEL STUDY OF HOUSING LAYOUT BY TYPE

### MODEL STUDY OF HOUSING LAYOUT BY TYPE

This study is made for checking how far house units can be accommodated in certain area with criteria of environmental control indices of :

- Population density
- House unit density
- Distance between buildings
- Floor area ratio (FAR)
- Building coverage ratio (BCR)

### with provision of

- Car parking area
- Small neighbourhood facility area

Referring to the results of this study, the followings are conducted:

- a. Distribution of population in each Residential Area in Zone 2 Section 1.2.2 in Chapter III
- b. Physical Check of the Alternative Policies Section 3.1.2 in Chapter III
- c. House Type Allocation in Sub Zone (3) Section 3.2.1 in Chapter III

The conditions for this model study is as follows:

- $: 1.5 \text{ m}^2/\text{person}$ - Site area for small neighbourhood facility
- Number of persons in one : 5 persons
- Provision of car parking : 1 car/5 unit for unit less than lot 70 m<sup>2</sup> 1 car/1 unit for unit exceeding 70 m<sup>2</sup>

- Area for car parking lot : 25 m<sup>2</sup>/1 car : 6 m width Road area road/50 m
- Area for house buildings : varies per unit

According to the above conditions, such checking can be made by calculation basis using the following formula, if the area for house building per unit can be given by type.

- A: Number of house units
- B: Site area of small neighbourhood facilities
- C: Area of car parking lot
- D: Road area
- E: Area for house building per unit

$$B = A \times 1.5 \text{ m}^2/\text{person} \times 5 \text{ persons}$$

$$C = \frac{A}{n} \times 25 \text{ m}^2$$
  $n = 5 \text{ in case less than } 70 \text{ m}^2$   
 $m = 1 \text{ in case exceeding } 70 \text{ m}^2$ 

$$D = (6+3)^{m} \times 100^{m} + 3 \times (100 - \frac{B}{45} - 6 - 2)$$

$$= 900 + 300 - \frac{7.5}{45} A \times 3 - 8 \times 3$$

$$= 1.176 - 0.5A$$

$$(Ax7.5) + (\frac{A}{n}x25) + (1.176-0.5A) + (ExA) = 10,000$$

$$A = \frac{10,000 - 1.176}{7.5 + \frac{n}{25} - 0.5 + E} = \frac{8,824}{7 + \frac{25}{n} + E}$$

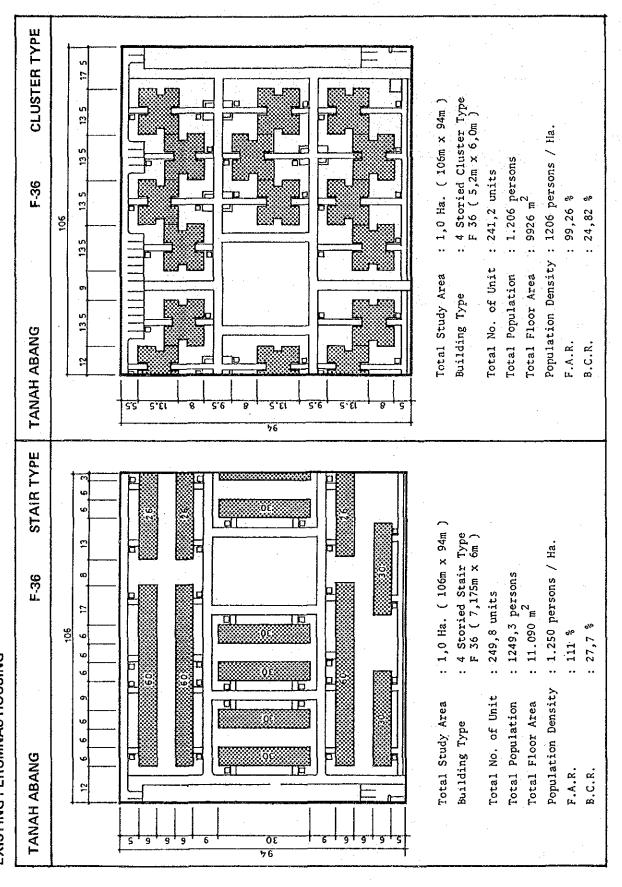
	Nos. of Stories	E (m <sup>2</sup> )	n	A	Population
F18	4	10.607	5	390	1,950
F27	4	15.916	5	316	1,580
	4	21.214	5	266	1,330
F36	8	10.607	5	390	1,950
	4	27.107	5	266	1,130
F54	8	13.585	5	345	1,725
F70	4	32.083	5	200	1,000
	8	16.042	5	315	1,575
	4	38.908	1	144	720
F90	8	19.454	1	171	855
	4	56.062	1	100	500
F120	8	28.031	1	147	835

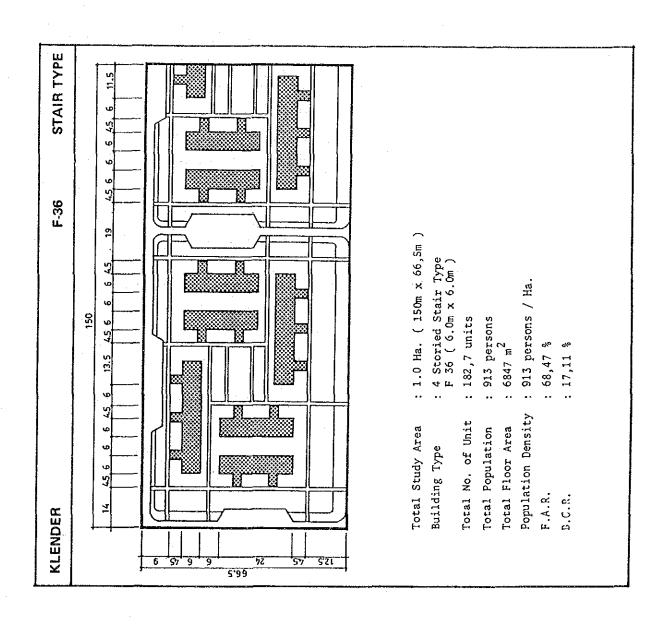
The figures in each model are differed from ones shown in the layout model due to some constraints in actual layouts.

For the base of reference to the main report, approximately 80% of the figures are taken to give more flexibility and allowance for the physical planning and design.

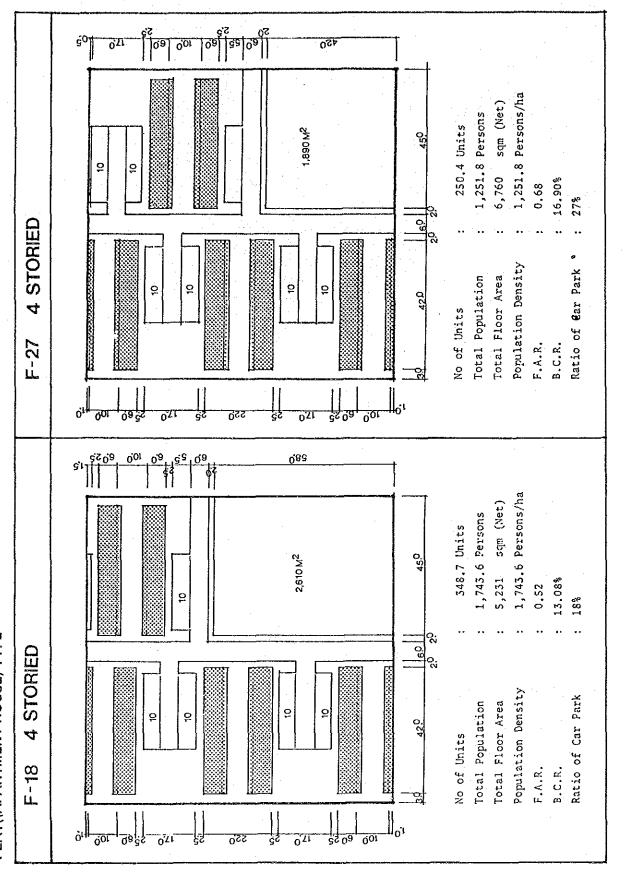
The layout models are made on corridor type of building in all cases.

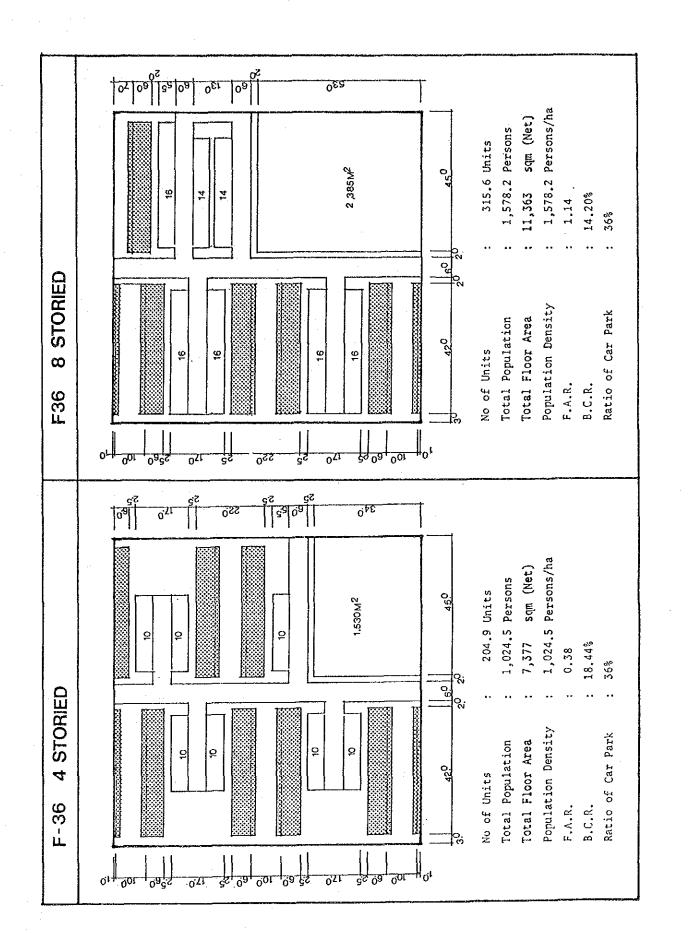
MODEL STUDY EXISTING PERUMNAS HOUSING

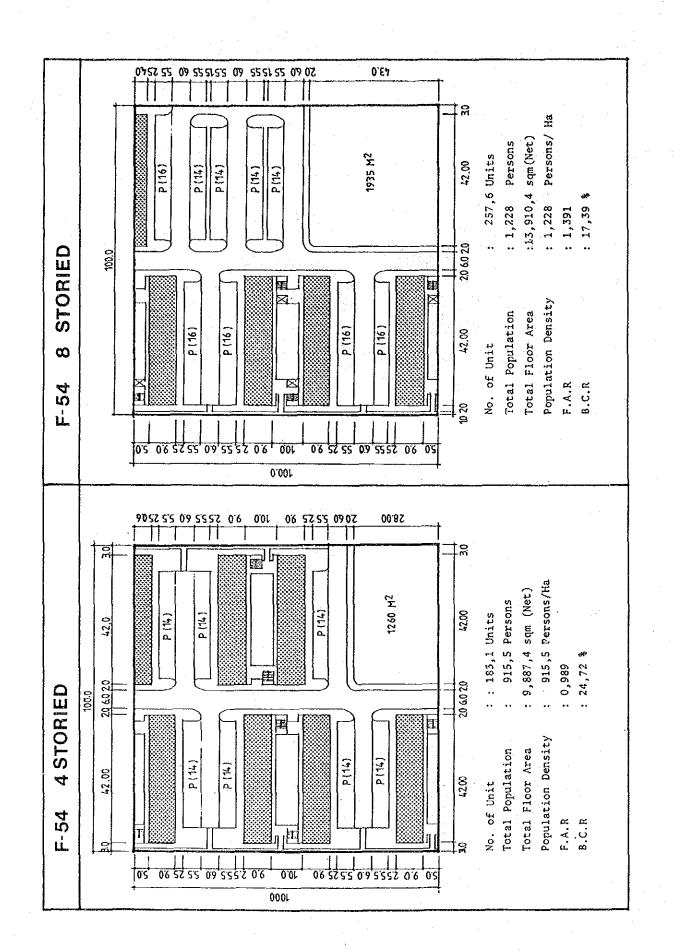


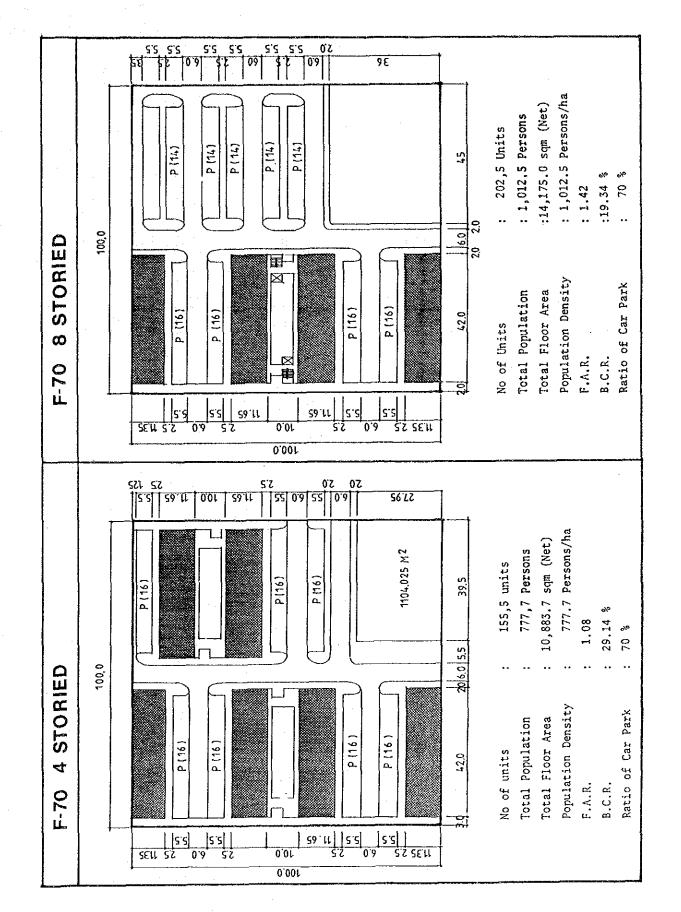


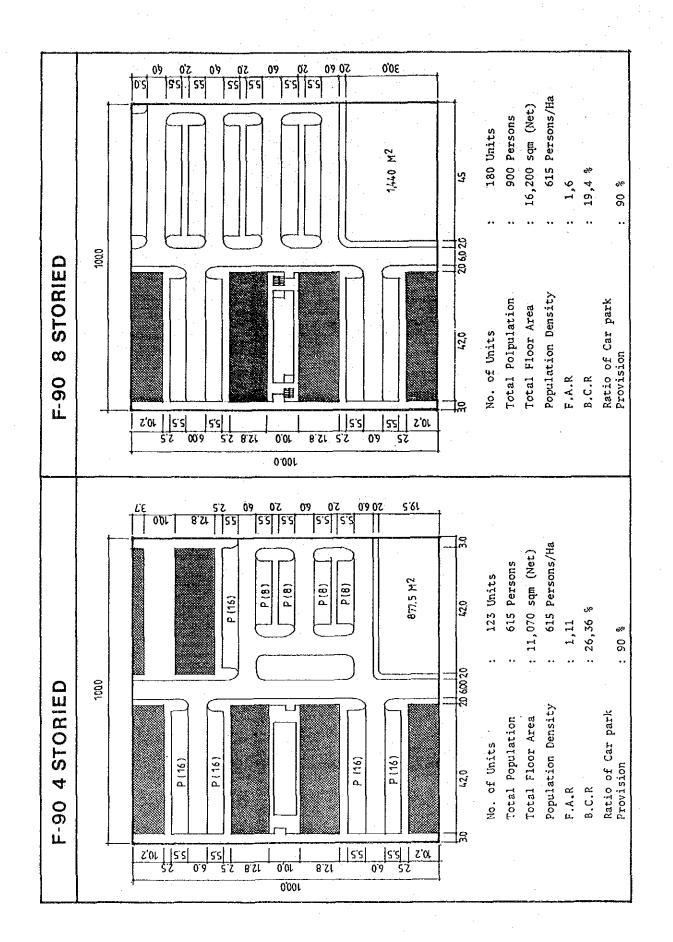
MODEL STUDY FLAT((APARTMENT HOUSE) TYPE

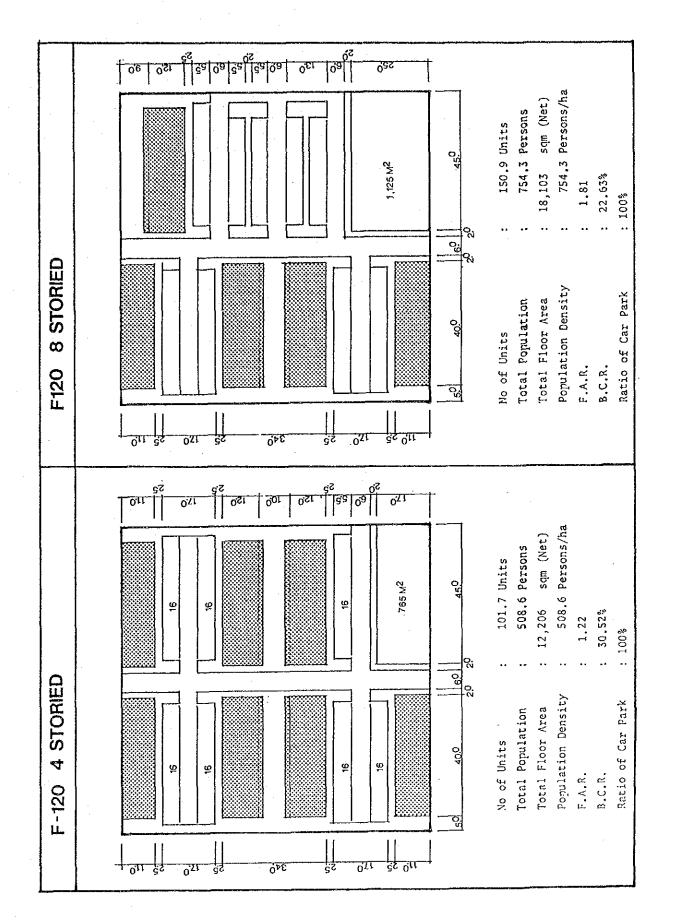




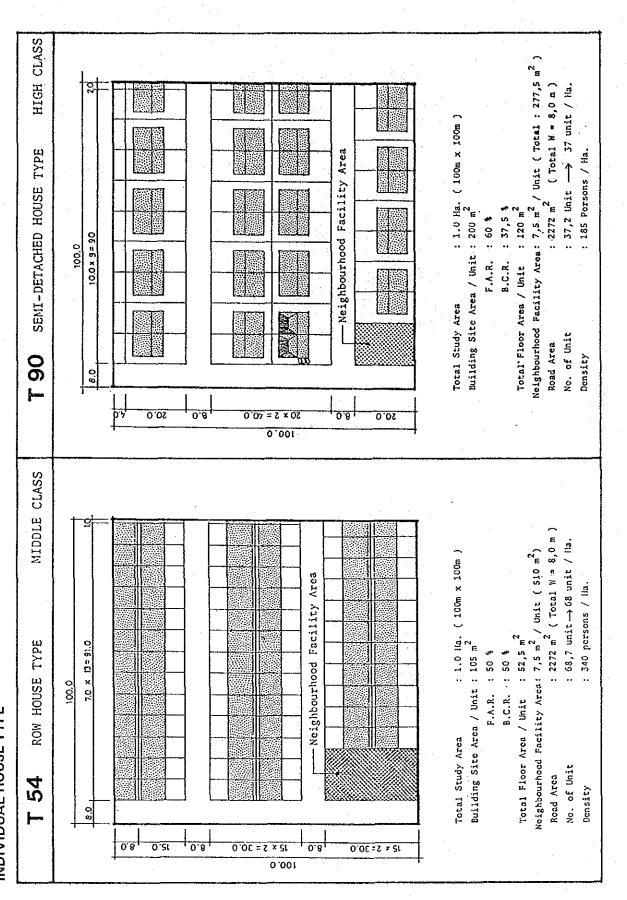








MODEL STUDY INDIVIDUAL HOUSE TYPE



### APPENDIX B DATA OF HOUSING DEVELOPMENT

- PROJECT PROFILE
- HOUSING CATALOGUE

### DATA SHEETS ON HOUSING DEVELOPMENT

During the Study, so much energy was consumed for collection of data which were filed in various agencies as well as sections in the agency. In order to save such energy for data collection, it is recommended that all necessary data at studies on housing developments are to be filed in one place, possibly in Perumnas as a national centre relating to the housing developments of not only by Perumas but also by other agencies as well as by private ones. Such data shall be filed in computer and printed out in a common format which can be referred quickly and comparatively through all or some components.

Therefore, here shows a sample of format including items which may be necessary for further analyses or reference. However the sample format shown here is not completely filled due to short time in the Study.

It is expected that Perumas will complete such items based on their information which has been recently started to file as data base with computer and the format shall be modified by Perumas for their convenience.

When such data base and format will be completed, experiences in the past shall be efficiently feed back to the further study on the housing developments without paying much energy for the data collection.

Here such data are compiled dividing into two broad categories of

- PROJECT PROFILE and
- HOUSING CATALOGUE

### 1. PROJECT PROFILE

This format shall include the following items by project:

### 1.1 PROJECT IDENTIFICATION CODE

To identify agencies related, location, year, type etc.

### 1.2 GENERAL INFORMATION

- 1) Name of Project
- 2) Location including Address
- Development Body including Address,
   Telephone/Fax Number
- 4) Area of Development Site
- 5) Planned Population and Density

### 1.3 DETAIL INFORMATION

- 6) Land Use Area List Divided into
  - a. Salable Area
  - b. Non Salable Area
- 7) Name of Contractor by works/trades
- 8) Project Period in order to refer the periods in each stage such as
  - a. Project formulation from intention to develop upto actual action such as starting land acquisition etc.
  - b. Land acquisition
  - c. Planning Design including pilot plan etc.
  - d. Tendering
  - e. Construction
  - f. Sales or completion of entering
- 9) Financial Sources

- 10) Development Components with Sales
  Price/Rental Fee
  - a. Housing Development by types of
  - i) Flat (apartment house), individual house or land sale
  - ii) Sale or rent
  - iii) Size of unit
  - iv) Number of stories of building etc.
  - b. Commercial Development by types of
  - i) Building space or lot sale
  - ii) Site of unit
  - c. Community Facility Development by type
- 11) Project Cost
  - a. Land Acquisition
  - b. Building Construction
  - i) Housing by types
  - ii) Commercial by types
  - iii) Community facilities by types
    - c. Land Development including grading and stormwater drainage, road and path, utility services, gardening etc.
    - d. Others including
    - i) Compensation
  - ii) Application fee and cost
  - iii) Administration costs etc.

### 1.4 MAPS

- 12) Information of vicinity with combination of access such as railway station, bus route/stop, road etc.
- 13) Site plan

PROFILE OF HOUSING DEVELOPMENT PROJECT ( ) 5. PLANNED POPULATION & DENSITY 2. LOCATION (CITY) 3. DEVELOPMENT BODY 4. TOTAL DEVELOPMENT AREA 1. NAME OF PROJECT PROJECT CODE Persons P/H TANAH ABANG JAKARTA PERUMNAS LANDUSE AREA LIST DEVELOPMENT COMPONENT PROJECT COST 11. 10.1 HOUSING DEVELOPMENT 11.1 Land Aquisition Cost 1) Apartment House for Sale 6.1. Salable Area На % 11.2. Building Construction Cost \_\_\_ Residential Area 11.2.1.Housing Development Type | No. of | Sales Price (Rpx103) Bldg Type to a.1. House with land a.2. Apartment House units I/II III IV be referred ( . ) 1)Apartment House a.3. Housing Lot Type of | No.of | FL.Area of Bldg | Total Cost b. Commercial Area Gross Net Cost (Rp) bldg bldg 2,141,604,592 960 F.36 Sub Total d. b. c. 6.2. Non salable area Road Area Total Community Facility Area b. Openspace 2) Apartment House for Rental c. Others Total Type. No.of | Sales Price (Rpx103) | Bldg Type to be referred units I/II III IV Unit Cost (Rp/m2) Sub Total Gross Total c. Total NAME OF CONTRACTOR 3) House with Land for sale 4) House Lots for sale NAME WORK COMPONENTS No.of | Sales Price No.of |Sales Price PT.PEMBANGUNAN JAYA (Cortina System) units (Rp x 10<u>3</u>) Type lots  $(Rp \times 10^3)$ b. PT.WIJAYA KARYA Type (Concrete Panel System) 2)House with Land Total Const. Unit Cost Type of No.of House House Cost (Rp) \_ (Rp/house) d. PROJECT PERIOD Total Total Stages . from to years Total a. Project Formulation 10.2 COMMERCIAL DEVELOPMENT b. Land Acquisition 26/10/79 2) Communicial Lot for Sale 1) Commercial Unit for Sale c. Planning & Design d. Tendering 11.2.2.Community Facility Development No. of | Sales Price No. of | Sales Price 9/81 e. Construction | Tt1 Const. | Unit Cost Floor Type <u>units | (Rp x 10월)</u> Type Lots  $(Rp \times 10^3)$ f. Sales Facilities Area (m2) Cost (Rp) (Rp/m2)a. Ъ. Total Total FINANCIAL SOURCE 9. Total COMMUNITY FACILITY DEVELOPMENT 10.3 No.of Total Remarks Financial Sources Components Facilities Site Area a. Own Capital 11.3. Land Development Cost b. City Bank c. IBRD 11.4. Other Cost d. ADB ď. e. Others 11.5 Grand Total Total

PROFILE OF HOUSING DEVELOPMENT PROJECT ( ) 3. DEVELOPMENT BODY 4. TOTAL DEVELOPMENT AREA 5. PLANNED POPULATION & DENSITY PROJECT CODE 2. LOCATION (CITY) 1. NAME OF PROJECT Persons PERUMNAS P/H KLENDER I JAKARTA PROJECT COST DEVELOPMENT COMPONENT LANDUSE AREA LIST 10.1 HOUSING DEVELOPMENT 11.1 Land Aquisition Cost 1) Apartment House for Sale 11.2. Building Construction Cost Ha % 6.1. Salable Area a. Residential Area 11.2.1.Housing Development Type | No. of | Sales Price (Rpx103) | Bldg Type to a.1. House with land units I/II III IV be referred a.2. Apartment House 1)Apartment House Type of | No. of | FL. Area of Bldg | Total Cost a.3. Housing Lot Cost (Rp) 3,410,544,323 b. Commercial Area b. bldg bldg Gross · Net F.36 1.21636 54 290,871,556 Sub Total F.5464 6.2. Non salable area Total Road Area Community Facility Area b. 2) Apartment House for Rental Openspace C. Others Total Type | No. of | Sales Price (Rpx 103) |Bldg Type to units I/II III IV Unit Cost (Rp/m2) be referred Sub Total Net 77,908 Gross 22.96 ( ) b. F.36 Total 84, 164 F.54 c. Total NAME OF CONTRACTOR 3) House with Land for sale 4) House Lots for sale N A M E a. PT.WIJAYA KARYA WORK COMPONENTS |Sales Price No.of | Sales Price No.of llousing  $(Rp \times 10^{3})$ lots  $(Rp \times 10^3)$ b. PT. KELANA PERMAT ENGINEERING Type units Type llousing 2)House with Land a. b. c. c. PT.DUTA ANGGADA llousing Total Const. Unit Cost Type of No.of d. PT. PEMBANGUNAN JAYA llousing House Cost (Rp) (Rp/house) House b. d. PROJECT PERIOD Total Total to years Stages . 29/1/82 a. Project Formulation 10.2 COMMERCIAL DEVELOPMENT b. Land Acquisition 1) Commercial Unit for Sale 2) Commercial Lot for Sale c. Planning & Design d. Tendering No. of | Sales Price No. of | Sales Price 11.2.2.Community Facility Development -/11/82 e. Construction units (Rp x 10<sup>3</sup>) | Ttl Const. | Unit Cost Туре Type Lots  $(Rp \times 10^3)$ Floor f. Sales a. b. Facilities Area (m2) Cost (Rp) (Rp/m2) Total Total FINANCIAL SOURCE Total 10.3 COMMUNITY FACILITY DEVELOPMENT No.of Total Remarks Financial Sources Components Facilities Site Area Site

d.

e,

Total

a. Own Capital

b. City Bank c. IBRĐ

d. ADB e. Others 11.3. Land Development Cost

11.4. Other Cost

11.5 Grand Total

PROJECT CODE  1. NAME OF PROJECT  MANANGGAL	2. LOCATION (CITY) SURABAYA PERUMNAS  4. TOTAL DEVELOR	PMENT AREA 5. PLANNED POPULATION & DENSITY Persons P/H
6. LANDUSE AREA LIST  6.1. Salable Area	10. DEVELOPMENT COMPONENT  10.1 HOUSING DEVELOPMENT  1) Apartment House for Sale  Type   No. of   Sales Price (Rpx10 <sup>3</sup> )   Bldg Type to be referred  a. F.36   576	11. PROJECT COST 11.1 Land Aquisition Cost 11.2. Building Construction Cost 11.2.1.Housing Development  1)Apartment House
N A M E WORK COMPONENTS  a. PT.TOTAL BANGUN PERSADA Housing b. PT.KELANA PERMAI ENG. Housing c. PT.PUDJIADI & SONS Housing  8. PROJECT PERIOD	3) House with Land for sale    No. of   Sales Price   Type   units   (Rp x 10 <sup>3</sup> )   Type   lots   (Rp x 10 <sup>3</sup> )     a.	2)House with Land Type of No.of Total Const. Unit Cost House House Cost (Rp) (Rp/house) a. b. c. d. e.
Stages from to years a. Project Formulation 23/10/79 b. Land Acquisition c. Planning & Design d. Tendering e. Construction 04/12/82 04/12/82 f. Sales	Total  10.2 COMMERCIAL DEVELOPMENT  1) Commercial Unit for Sale    No. of   Sales Price   Type   No. of   Sales Price   (Rp x 10 <sup>3</sup> )     a.	Total  11.2.2.Community Facility Development  Floor Ttl Const. Unit Cost Facilities Area (m2) Cost (Rp) (Rp/m2) a. b. c.
9. FINANCIAL SOURCE  Financial Sources Components a. Own Capital b. City Bank c. IBRD d. ADB e. Others	10.3 COMMUNITY FACILITY DEVELOPMENT    No. of   Total   Remarks	Total  11.3. Land Development Cost  11.4. Other Cost  11.5 Grand Total

PROFILE OF HOUSING DEVELOPMENT PROJECT ( ) 2. LOCATION (CITY) 3. DEVELOPMENT BODY 1. NAME OF PROJECT SARIJADI (FLAT) PROJECT CODE 6. LANDUSE AREA LIST

6.1.			
a.	Residential Area		( )
	. House with land		
	, Apartment House		( )
	. Housing Lot		( )
b.	Commercial Area		( )
	Sub Total		( )
6.2.	Non salable area		
a.	Road Area		
b.	Community Facility	Area _	
С.		_	(
d.	Others	_	( ' )
	Sub Total		( )
Tot	a l		( )
7.	NAME OF CONTRACTOR		
	NAME	ω <i>ι</i>	ORK COMPONENTS
a			Housing
	PT.HANDARA GRAHA		<b>Housing</b>
b c	PT.HANDARA GRAHA		to yea
8. a. f b. l c. f d. 1	PROJECT PERIOD  Stages Project Formulation Land Acquisition Planning & Design Fendering	from	to yea
8. a. f b. l c. f d. l e. 6	PROJECT PERIOD  Stages Project Formulation Land Acquisition Planning & Design Tendering Construction	from	to yea
8. a. f b. l c. f d. l e. 6	PROJECT PERIOD  Stages Project Formulation Land Acquisition Planning & Design Fendering	from	to yea
8. a. f b. l c. f d. l e. 6	PROJECT PERIOD  Stages Project Formulation Land Acquisition Planning & Design Tendering Construction	from	to yea
b c	PROJECT PERIOD  Stages Project Formulation and Acquisition Planning & Design Tendering Construction Sales	from	to yea
b c	PT.HANDARA GRAHA  PROJECT PERIOD  S tages Project Formulation and Acquisition Planning & Design Tendering Construction Sales  FINANCIAL SOURCE Financial Sources	from	to yea
8.  a. { b.   c.   d.   e. ( f.   s.	PT.HANDARA GRAHA  PROJECT PERIOD  S tages Project Formulation and Acquisition Planning & Design Tendering Construction Sales  FINANCIAL SOURCE Financial Sources Own Capital	from	to yea
8.  a. 1 b. 1 c. 1 d. 1 e. 6 f. 5	PT.HANDARA GRAHA  PROJECT PERIOD  S tages Project Formulation and Acquisition Planning & Design Tendering Construction Sales  FINANCIAL SOURCE Financial Sources Own Capital City Bank	from	to yea
8.  a. 1 b. 1 c. 1 d. 1 e. 6 f. 3	PT.HANDARA GRAHA  PROJECT PERIOD  S tages Project Formulation and Acquisition Planning & Design Tendering Construction Sales  FINANCIAL SOURCE Financial Sources Own Capital City Bank IBRD	from	to yea
8.  a. 1 b. 1 c. 1 d. 1 e. 6 f. 3	PT.HANDARA GRAHA  PROJECT PERIOD  S tages Project Formulation and Acquisition Planning & Design Tendering Construction Sales  FINANCIAL SOURCE Financial Sources Own Capital City Bank IBRD	from	to yea

		G	<u> </u>	PERU	MNA	)		
				:				
10.	DEVELO	PMENT CO	MPONEN	r				
10.1	HOUSIN	G DEVELO	PMENT	0-10			-	
1)	Apartm	ent Hous	e for a	sale			٠.	
	Туре	No.of	Sales	Price	(Rox1	$0^3$ ) [e	ldg Type	to
* .	.,,,,	units	I/II	III	ΙV	t	e referre	
a.	F.36	864						
<u>b.</u>		<u> </u>						
<u>c.</u> d.	<u> </u>	<del> </del>						
ė.	`							<del></del>
f.								
	Tot	a I						
2)	Apartm	ent Hous	e for l	Rental				
	l Tunn	ino of 1	Calac	Drice	f Pnv 1	n31 .1E	ldg Type	to .
	Type	No.of units	I/II	Price III	IV	<u>~ / </u> [	e referre	
ā.								
<u>b.</u>								
<u>c.</u>		<b></b>	:					
d. f.		<b></b>			<b> </b>			
! - !	Tot	a 1		L	t			<del></del>
-	• .							_
3)	House	with Lan	d for	sale	4)	House	Lots for	sale
, . I	i	No.of	l Sale	s Price	. 1		No.of	Sales Pric
• •	Type	units		x 1 <u>03)</u>	_	Type	lots	$(Rp \times 10^3)$
a.						• •	i i	
b.								
					<u>a.</u>			
c.					b.			
c. d.								
c.					b. c. d. e.			
c. d. e.	Tot	a 1			b. c. d.	T		
c. d. e.	Tot	a l			b. c. d. e.	rot	a l	
c. d. e. f.			'EL OPME	NT	b. c. d. e.	rot	a l	
c. d. e.	СОММЕЯ	a 1  RCIAL DEV			b. c. d. e.			for Sale
c. d. e. f.	СОММЕЯ	RCIAL DEV cial Uni	t for	Sale	b. c. d. e. f.		rcial Lot	
c. d. e. f.	COMMER Commer	RCIAL DEV cial Uni	t for   Sale	Sale s Price	b. c. d. e. f.	Comme	rcial Lot   No.of	Sales Pric
6. d. e. f. 10.2	СОММЕЯ	RCIAL DEV cial Uni	t for   Sale	Sale	b. c. d. e. f.		rcial Lot	Sales Pric
10.2 1)	COMMER Commer	RCIAL DEV cial Uni	t for   Sale	Sale s Price	b. c. d. e. f.	Comme	rcial Lot   No.of	Sales Pric
10.2 1)	COMMER Commer	RCIAL DEV	t for   Sale	Sale s Price	b. c. d. e. f. 2)	Comme	rcial Lot No.of Lots	Sales Pric
10.2 1)	COMMER Commer	RCIAL DEV	t for   Sale	Sale s Price	b. c. d. e. f. 2)	Comme	rcial Lot No.of Lots	Sales Pric
10.2 1)	COMMER Commer Type	RCIAL DEV cial Uni No.of units	t for   Sale   (Rp	Sale s Price x 10 <sup>3</sup> )	6. d. e. f. 2)	Comme	rcial Lot No.of Lots	Sales Pric
10.2 1)	COMMER Commer Type	RCIAL DEV	t for   Sale   (Rp	Sale s Price x 10 <sup>3</sup> ) EVELOPM	6. d. e. f. 2)	Type To t	rcial Lot   No.of   Lots     a 1	Sales Pric (Rp x 10 <sup>3</sup> )
10.2 1)	COMMER COMMER Type Tot	RCIAL DEV	t for   Sale   (Rp	Sale s Price x 10 <sup>3</sup> )  EVELOPM No.of	6. d. e. f. 2)	Type T o t	rcial Lot   No.of   Lots	Sales Pric (Rp x 10 <sup>3</sup> )
10.2 1)	COMMER Commer Type	RCIAL DEV	t for   Sale   (Rp	Sale s Price x 10 <sup>3</sup> ) EVELOPM	6. d. e. f. 2)	Type To t	rcial Lot   No.of   Lots	Sales Pric (Rp x 10 <sup>3</sup> )
10.2 1) 10.3 a. b. c.	COMMER COMMER Type Tot	RCIAL DEV	t for   Sale   (Rp	Sale s Price x 10 <sup>3</sup> )  EVELOPM No.of	6. d. e. f. 2)	Type T o t	rcial Lot   No.of   Lots	Sales Pric (Rp x 10 <sup>3</sup> )
10.2 1) 10.3 a. b. c.	COMMER COMMER Type Tot	RCIAL DEV	t for   Sale   (Rp	Sale s Price x 10 <sup>3</sup> )  EVELOPM No.of	6. d. e. f. 2)	Type T o t	rcial Lot   No.of   Lots	Sales Pric (Rp x 10 <sup>3</sup> )
10.2 1) 10.3 a. b. c.	Type Tot  COMMUN  Facili	RCIAL DEV	t for   Sale   (Rp	Sale s Price x 10 <sup>3</sup> )  EVELOPM No.of	6. d. e. f. 2)	Type T o t	rcial Lot   No.of   Lots	Sales Pric (Rp x 10 <sup>3</sup> )

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11.	PROJECT C	пет					
11.1	Land Aqui		an Co	.+			
11.2.	-				+		
	1.Housing D				·		1
11.6.	i nousing b	CACIA	opmen				
•	1)Apartment	Hou					
	Type of	No.		FI Area	of Bldg	Lot	tal Cost
	bldg	bld		Gross	Net		st (Rp)
a.	F.36	864		<u> </u>	36		642,841,000
b.				····		1	
c.		·					
ď.						-[	
e.							
f.						Τ	
g.			·		<u> </u>		
	Total						
							t (Rp/m2)
						<u>ss</u> :	Net Net
					<u> </u>	<u>36</u>	84,968
							<b></b>
							·
							<del></del>
							<del>                                     </del>
							<del> </del>
	2)House wit	th La	nd				
	Type of	l N	o.of	Total	Const.		t Cost
	House	H	ouse	Cost	(Rp)	. (Rp	/house)
а.							
b. c.				<u> </u>	1		
c.							
d.							
e. f							
<u>f_</u>	L			<u></u>	<u> </u>		
	Tota	ł					
							1
11.2.	2.Community	Fac	ility	Develo	oment		
-	- <b>-</b>			oor	Ttl Cor	st.	Unit Cost
	<u>Facilitie</u>	s	Area	a (m2)	Cost (F		(Rp/m2)
a.							
b.							
c.							
<u>d.</u>					<u> </u>	l	
	Total						
11.3.	Land Devi	a Topm	iant C	act			;
11.0	Land Devi	₽ τοhii:	CIIL L	USL			
44 2	Othon Co	-+					
11.4.					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
11.5	Grand To	tal			<del></del>		

5. PLANNED POPULATION & DENSITY

Persons

4. TOTAL DEVELOPMENT AREA

PROJECT CODE  1. NAME OF PROJECT  ILIR BARAT	2. LOCATION (CITY) PALEMBANG 3. DEVELOPMENT BODY PERUMNAS 4. TOTAL DEVELOR	PMENT AREA 5. PLANNED POPULATION & DENSITY Persons P/H
	DEVELOPMENT COMPONENT	
Financial Sources Components a. Own Capital b. City Bank c. IBRO d. ADB e. Others	10.3 COMMUNITY FACILITY DEVELOPMENT    No.of Total Remarks   Site Area	11.3. Land Development Cost  11.4. Other Cost  11.5 Grand Total

PROJECT CODE  1. NAME OF PROJECT  KEBON KACANG	2. LOCATION (CITY)  JAKARTA  PERUMNUS  4. TOTAL DEVELO	PMENT AREA	5. PLANNED POPULATION & DENSITY Persons P/H
6. LANDUSE AREA LIST  6.1. Salable Area	10. DEVELOPMENT COMPONENT 10.1 HOUSING DEVELOPMENT 1) Apartment House for Sale    Type	11.2. Building Of 11.2.1.Housing De 1)Apartment   Type of	construction Costevelopment
7. NAME OF CONTRACTOR  N A M E  a. PT. HANDARA GRAHA b. PT. PUDJIADI & SONS c.  8. PROJECT PERIOD  Stages from to years a. Project Formulation /81 b. Land Acquisition /81 /85 c. Planning & Design d. Tendering e. Construction 13/3/82 f. Sales	T o t a	Facilities	No.of Total Const. Unit Cost House Cost (Rp) (Rp/house)  Facility Development   Floor   Ttl Const.   Unit Cost
9. FINANCIAL SOURCE  Financial Sources Components a. Own Capital b. City Bank c. IBRD d. AOB e. Others	Total Total  10.3 COMMUNITY FACILITY DEVELOPMENT  No. of Total Remarks Facilities Site Site Area  a. b. c. d. e. Total	a. b. C. d. Total  11.3. Land Devel  11.4. Other Cost	

### 2. HOUSING CATALOGUE

### 2.1 HOUSE IDENTIFICATION CODE

To identify building type, number of stories, size of unit etc.

### 2.2 GENERAL INFORMATION

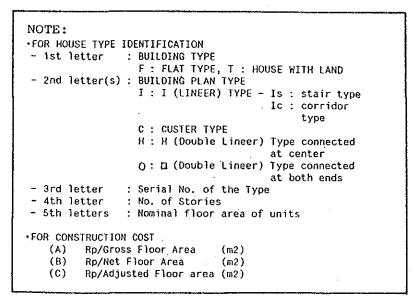
- 1) Number of stories
- 2) Actual floor area of housing unit including balcony and other spaces for private use
- 3) Floor area of the building
  - a. Net (private use areas only)
  - b. Gross (all floor area)
- 4) Efficiency ratio (%) (a) (b) above
- 5) Structure/construction system
- 6) Applied Development by project with the following information
  - a. Name of Project
  - b. Name of Developers
  - c. Construction Period
  - d. Unit Construction of housing building by type
  - e. Selling price by type and floor

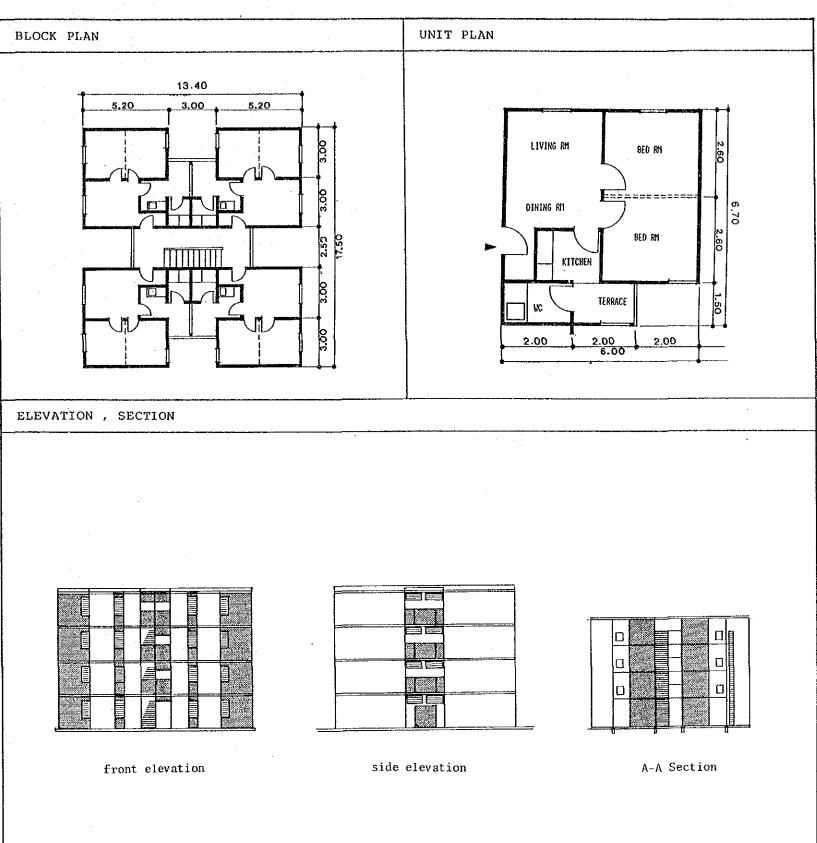
### 2.3 ILLUSTRATIVE INFORMATION

- 1) Typical Floor Plan(s)
- Housing Unit Plan(s)
- Elevation and Section
   with simple design specifications.

### HOUSING TYPE: F.C.01.4.36

THE RESERVE THE PARTY OF THE PA				
1. No. of Floor			·:	_4
2. Actual Floor (Including F		Unit	:	37.20
8	of Typica t Area oss Area		:	148.80 167.55
4. Efficiency R	atio (%)		:	88.8
5. Structure Sy	stem		:	Precast Cons.
6. Applied Deve	lopment			Panel(Cortina System)
NAME OF DEVLP'N	T	TANAH ABAN	G	
DEVELOPER		Perumnas		
CONST. PERIOD				
UNIT COST OF HO	us'G			
SELLING PRICE	(1)			
	(11)			
	(111)			
ļ	(IV)			
	(11)			
	(111)			
	(17)			
1	<u>(I)</u>			
	(11)			
	(111)			
	171			





### HOUSING TYPE : F.C.02.4.36

1. No. of Floors 2. Actual Floor Area of Unit : 36.75 (Including Balcony)

3. Floor Area of Typical Floor (m2)

Net Area : 147.00 Gross Area : 172.20

4. Efficiency Ratio (%) : 85.4

5. Structure System

6. Applied Development

NAME OF DEVLP'NT	1	PLUIT			
DEVELOPER					
CONST.PERIOD					
			<u>,</u>		
UNIT COST OF HOU	JS'G				
BLDG. (Rp/m2)			, <u> </u>		
SELLING PRICE	· (I)		,		
	(11)				
	(III)	1			
	(IV)				
	(I)			1	
	(II)				
	(III)			T	
	(IV)			Ì	
	(I)				
	(11)				
	(111)				
	(IV)				

### NOTE:

·FOR HOUSE TYPE IDENTIFICATION

- 1st letter : BUILDING TYPE

F : FLAT TYPE, T : HOUSE WITH LAND - 2nd letter(s) : BUILDING PLAN TYPE

I : I (LINEER) TYPE - Is.: stair type

Ic : corridor type

C : CUSTER TYPE

H : H (Double Linear) Type connected

at center

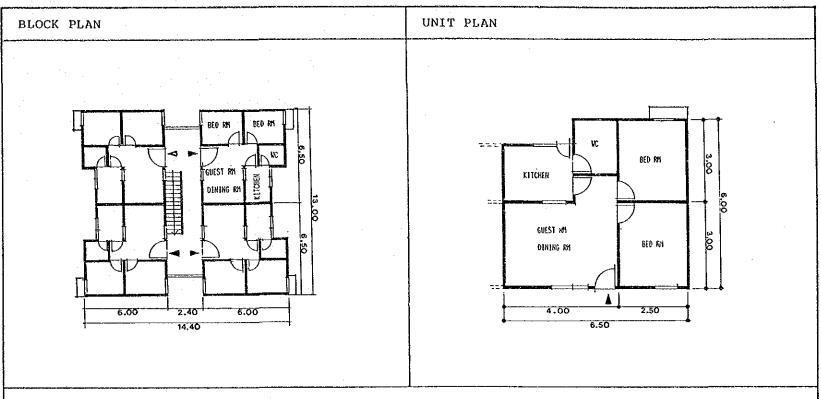
O : □ (Double Linear) Type connected at both ends

- 3rd letter : Serial No. of the Type

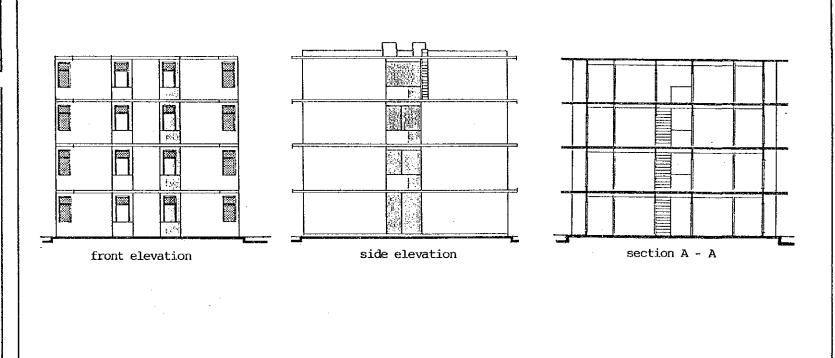
- 4th letter : No. of Stories - 5th letters : Nominal floor area of units

• FOR CONSTRUCTION COST

(A) Rp/Gross Floor Area (m2)
(B) Rp/Net Floor Area (m2)
(C) Rp/Adjusted Floor area (m2)



ELEVATION , SECTION



### HOUSING TYPE: F.C.03.4.54

1. No. of Floors : 4 2. Actual Floor Area of Unit 57,24 (Including Balcony) 3. Floor Area of Typical Floor (m2) 228.96 Net Area Gross Area : 246.96 4. Efficiency Ratio (%) : \_92.7\_\_\_ 5. Structure System : <u>RC Rigid</u> Frame 6. Applied Development

NAME OF DEVLP'N	AME OF DEVLP'NT		
DEVELOPER		Perumnas	
CONST. PERIOD			
UNIT COST OF HO	US'G		
BLDG. (Rp/m2)			
SELLING PRICE	(I)		
-	(11)		
	(III)		
	(IV)		
	(I)		
	(11)		
	(III)		
	(IV)		
	(1)		
	(11)		
	(111)		
	(IV)		

### NOTE:

•FOR HOUSE TYPE IDENTIFICATION
- 1st letter : BUILDING TYPE

F : FLAT TYPE, T : HOUSE WITH LAND
- 2nd letter(s) : BUILDING PLAN TYPE

I : I (LINEER) TYPE - Is : stair type

. Ic : corridor type

C : CUSTER TYPE

H : H (Double Linear) Type connected

at center

O: D (Double Linear) Type connected at both ends

- 3rd letter : Serial No. of the Type

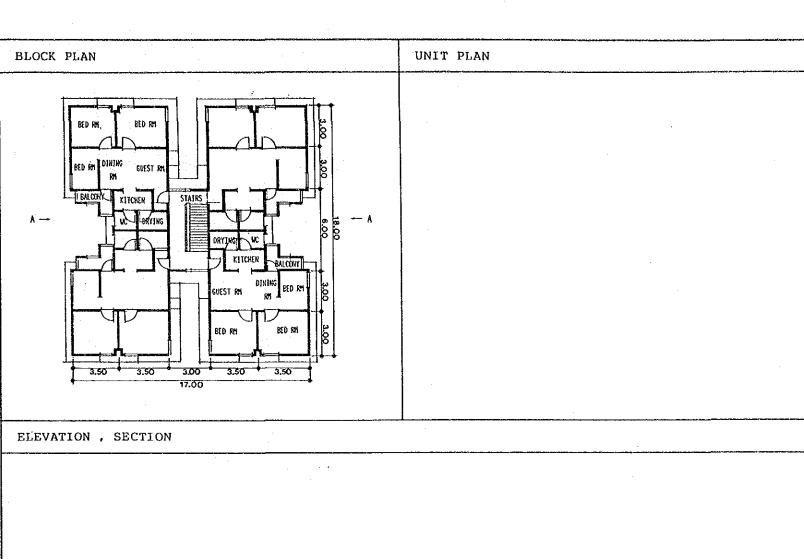
- 4th letter : No. of Stories

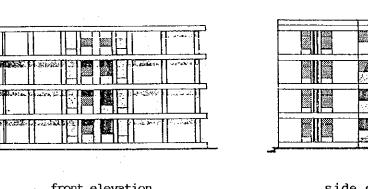
- 5th letters : Nominal floor area of units

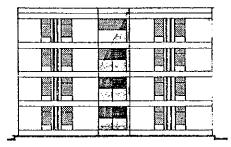
•FOR CONSTRUCTION COST

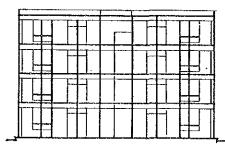
(A) Rp/Gross Floor Area (m2) Rp/Net Floor Area (m2)

(C) Rp/Adjusted Floor area (m2)









front elevation

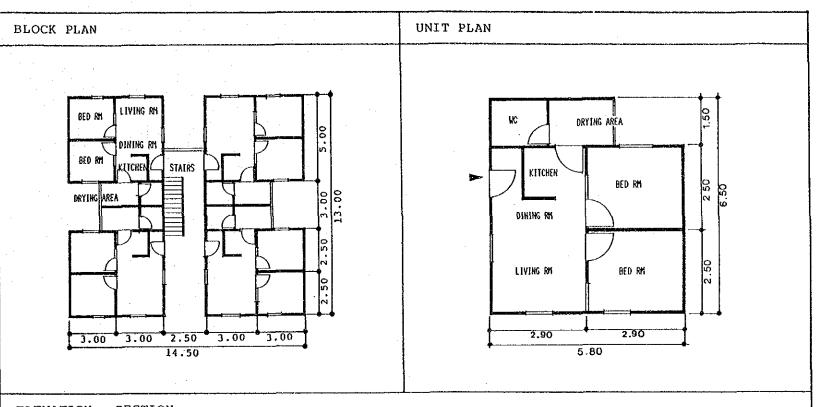
side elevation

A-A section

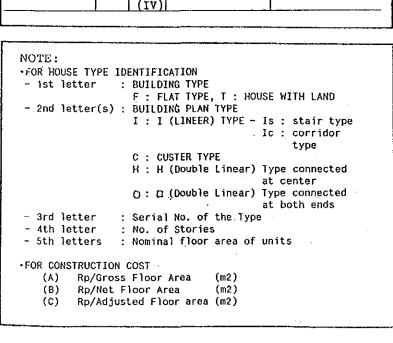
HOUSING TYPE : F.C.04.4.36

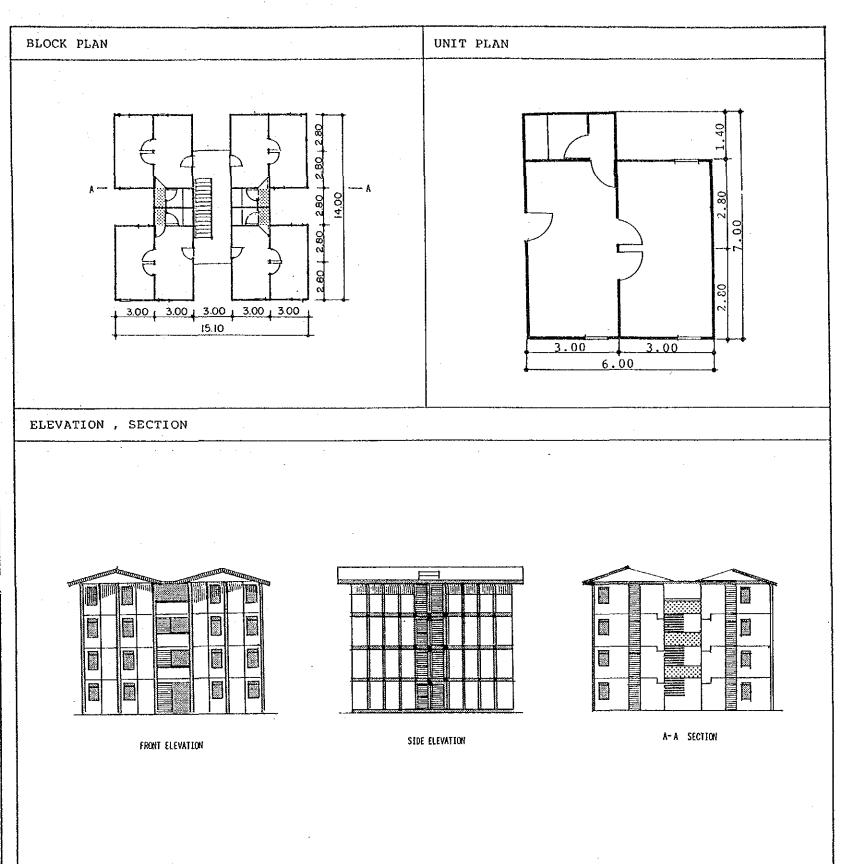
1. No. of Floors 2. Actual Floor Area of Unit : \_34\_70\_\_ (Including Balcony) 3. Floor Area of Typical Floor (m2) Net Area : 138,80 Gross Area : 163.80 4. Efficiency Ratio (%) : 84.7 5. Structure System : <u>Precast</u> Conc. Panel (Cortina 6. Applied Development System) NAME OF DEVLP'NT DEVELOPER PERUMNAS CONST. PERIOD UNIT COST OF HOUS'G BLDG. (Rp/m2) SELLING PRICE (I) (II) (III) (IV) (I) (11) (III) (IV) (I) (I<sup>†</sup>) (111) (IV)

	·
	NOTE:
	•FOR HOUSE TYPE IDENTIFICATION
l	- 1st letter : BUILDING TYPE
ı	F : FLAT TYPE, T : HOUSE WITH LAND
	- 2nd letter(s) : BUILDING PLAN TYPE
	I : I (LINEER) TYPE - ls : stair type
	Ic : corridor
ŀ	type
	C : CUSTER TYPE
	H : H (Double Linear) Type connected
	at center
	O: 디 (Double Linear) Type connected
	at both ends
	- 3rd letter : Serial No. of the Type
	- 4th letter : No. of Stories
	- 5th letters : Nominal floor area of units
	•FOR CONSTRUCTION COST
	(A) Rp/Gross Floor Area (m2)
	(B) Rp/Net Floor Area (m2)
	(C) Rp/Adjusted Floor area (m2)



1. No. of Floors	:	_4
<ol><li>Actual Floor Area of Unit (Including Balcony)</li></ol>	:	44.31
3. Floor Area of Typical Floor (m2) Net Area Gross Area	:	
4. Efficiency Ratio (%)	:	85.3
5. Structure System	:.	RC/PC/STEEL
6. Applied Development  NAME OF DEVLP'NT		
NAME OF DEVLP'NT DEVELOPER		
NAME OF DEVLP'NT		
NAME OF DEVLP'NT  DEVELOPER CONST.PERIOD  UNIT COST OF HOUS'G BLDG. (Rp/m2)		
NAME OF DEVLP'NT  DEVELOPER CONST.PERIOD  UNIT COST OF HOUS'G BLDG. (Rp/m2) SELLING PRICE (I)		
NAME OF DEVLP'NT  DEVELOPER  CONST. PERIOD  UNIT COST OF HOUS'G  BLDG. (Rp/m2)  SELLING PRICE (I)  (II)		
NAME OF DEVLP'NT  DEVELOPER  CONST. PERIOD  UNIT COST OF HOUS'G  BLDG. (Rp/m2)  SELLING PRICE (I)  (II)  (III)		
NAME OF DEVLP'NT  DEVELOPER  CONST. PERIOD  UNIT COST OF HOUS'G  BLDG. (Rp/m2)  SELLING PRICE (I)  (II)		
NAME OF DEVLP'NT  DEVELOPER  CONST. PERIOD  UNIT COST OF HOUS'G  BLDG. (Rp/m2)  SELLING PRICE (I)  (II)  (III)  (IV)		
NAME OF DEVLP'NT  DEVELOPER  CONST.PERIOD  UNIT COST OF HOUS'G  BLDG. (Rp/m2)  SELLING PRICE (I)  (II)  (III)  (IV)  (I)		
NAME OF DEVLP'NT  DEVELOPER  CONST.PERIOD  UNIT COST OF HOUS'G  BLDG. (Rp/m2)  SELLING PRICE (I)  (II)  (IV)  (I)  (II)		
NAME OF DEVLP'NT  DEVELOPER  CONST.PERIOD  UNIT COST OF HOUS'G  BLDG. (Rp/m2)  SELLING PRICE  (I)  (II)  (IV)  (II)  (III)  (IV)  (IV)  (IV)  (IV)		
NAME OF DEVLP'NT  DEVELOPER  CONST.PERIOD  UNIT COST OF HOUS'G  BLDG. (Rp/m2)  SELLING PRICE  (I)  (II)  (IV)  (II)  (II)  (III)  (III)		





### HOUSING TYPE: F.I.01.4.36

1. No. of Floors : \_4\_\_\_\_\_

2. Actual Floor Area of Unit : \_33.35\_\_\_\_
(Including Balcony)

3. Floor Area of Typical Floor (m2)

 Net Area
 : 266.80

 Gross Area
 : 319.61

: 83.5

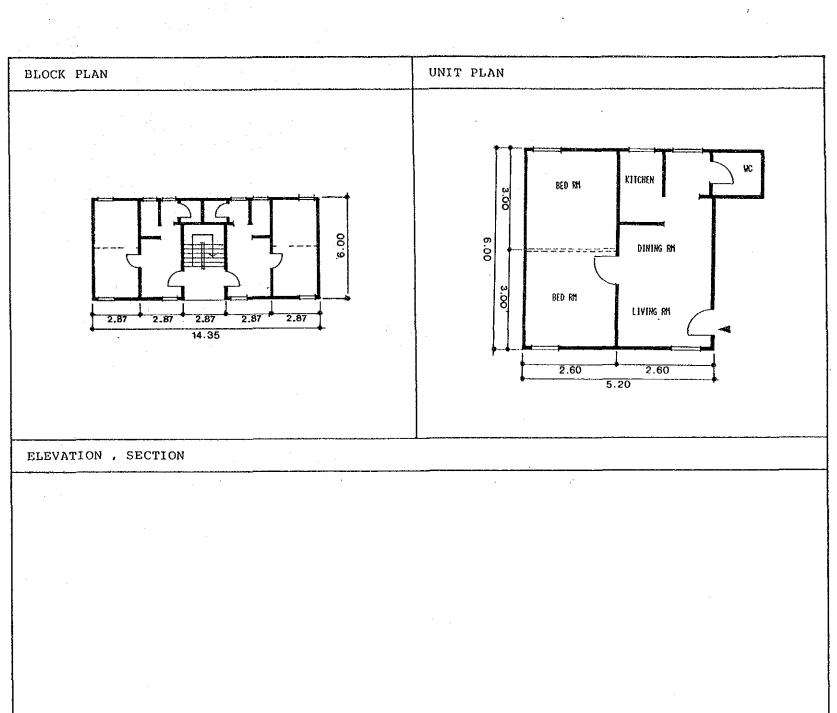
4. Efficiency Ratio (%)

5. Structure System : Precast Conc. Panel

6. Applied Development

NAME OF DEVLP'N	r	KLENDER	
DEVELOPER		Perumnas	
CONST.PERIOD			
<del></del>			
UNIT COST OF HO	na.e		
BLDG. (Rp/m2)			
SELLING PRICE	(I)		
	(II)		
	(III)		
	(IV)		
	(I)		
	(11)		
	(111)		
	(IV)		
	(I)		
	(11)		
	(111)		
i	(IV)		

# NOTE: FOR HOUSE TYPE IDENTIFICATION - 1st letter : BUILDING TYPE F : FLAT TYPE, T : HOUSE WITH LAND - 2nd letter(s): BUILDING PLAN TYPE I : I (LINEER) TYPE - Is : stair type 'Ic : corridor type C : CUSTER TYPE H : H (Double Linear) Type connected at center O : [] (Double Linear) Type connected at both ends - 3rd letter : Serial No. of the Type - 4th letter : No. of Stories - 5th letters : Nominal floor area of units FOR CONSTRUCTION COST (A) Rp/Gross Floor Area (m2) (B) Rp/Net Floor Area (m2) (C) Rp/Adjusted Floor area (m2)



### HOUSING TYPE : F.Is.02.4.36

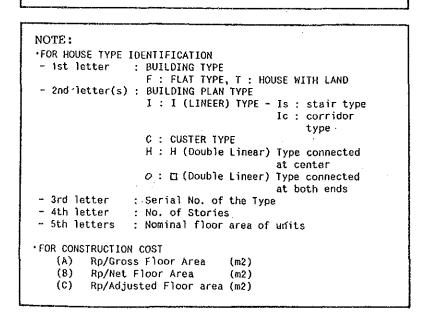
2. Actual Floor Area of Unit

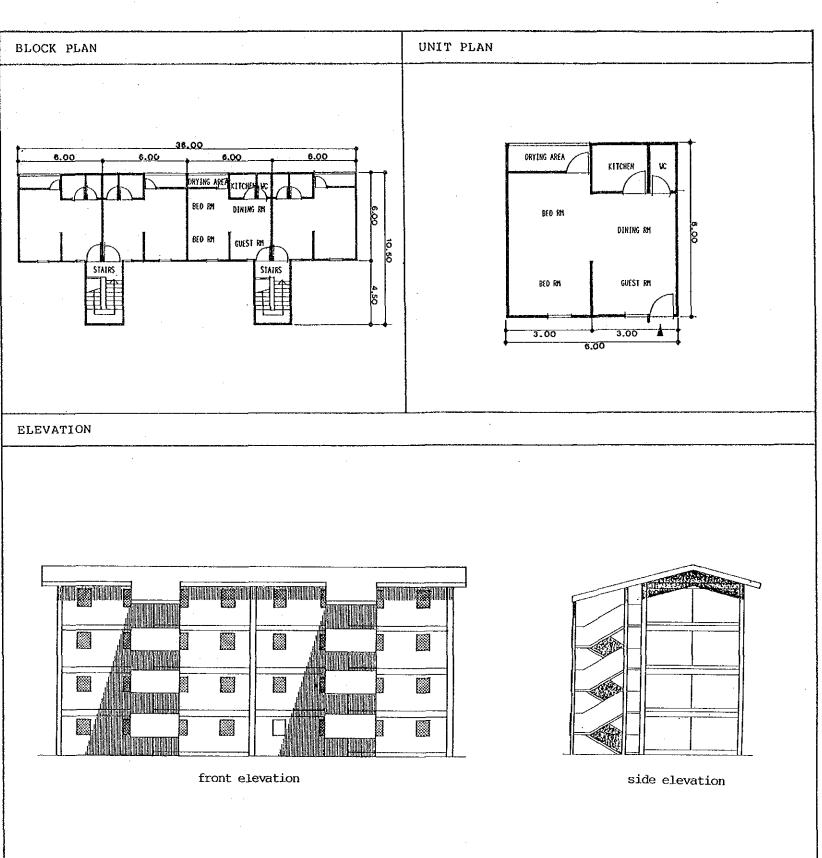
1. No. of Floors

(Including Balcony)		
3. Floor Area of Typical Floor (m2)		
Net Area	:	144.00
Gross Area	:	168.30
4. Efficiency Ratio (%)	:	85.6
·		
5. Structure System	:	<u>RC Rigid</u> Frame
6. Applied Development		
NAME OF DEVLP'NT KLENDER		
DEVELOPER PERULINAS		
CONST. PERIOD		
UNIT COST OF HOUS'G		
BLDG. (Rp/m2)		
SELLING PRICE (1)	<u></u>	
(11)		
(III)	-	
(IV)		· · · · · · · · · · · · · · · · · · ·
(11)		
(III)		
(IV)		
\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \		
(111)	<del></del>	<u></u>
		<u> </u>

: \_4\_\_\_\_

\_\_36.00\_\_\_





### HOUSING TYPE : F.Ic.03.2.18/15

1. No. of Floor	<b>.</b>	:2	
	Actual Floor Area of Unit (Including Balcony)		
	Typical Floo Area oss Area	er (m2) : 633.00 : 720.00	
4. Efficiency Ra	tio (%)	: 87.9	
<ol> <li>Structure System</li> <li>Applied Deve</li> </ol>		: <u>Post&amp;Beam</u> FL:Particle BRD	
NAME OF DEVLP'N	CIPIN	ANG	
DEVELOPER		A JAYA	
CONST.PERIOD			
UNIT COST OF HO	IS'G		
BLDG. (Rp/m2)			
SELLING PRICE	(1)		
	(11)		
	(111)		
<u> </u>	( <u>IV)</u>		
	(I)		
	(II)		
	(III) (IV)		
}	(1)		
	(T1)		
	(111)		
	(14)		
*····	17711		

### NOTE:

FOR HOUSE TYPE IDENTIFICATION

- 1st letter : BUILDING TYPE

F: FLAT TYPE, T: HOUSE WITH LAND
- 2nd letter(s): BUILDING PLAN TYPE
1: I (LINEER) TYPE - Is: stair type
IC: corridor

type

C : CUSTER TYPE
H : H (Double Linear) Type connected

at center

O: D (Double Linear) Type connected

at both ends

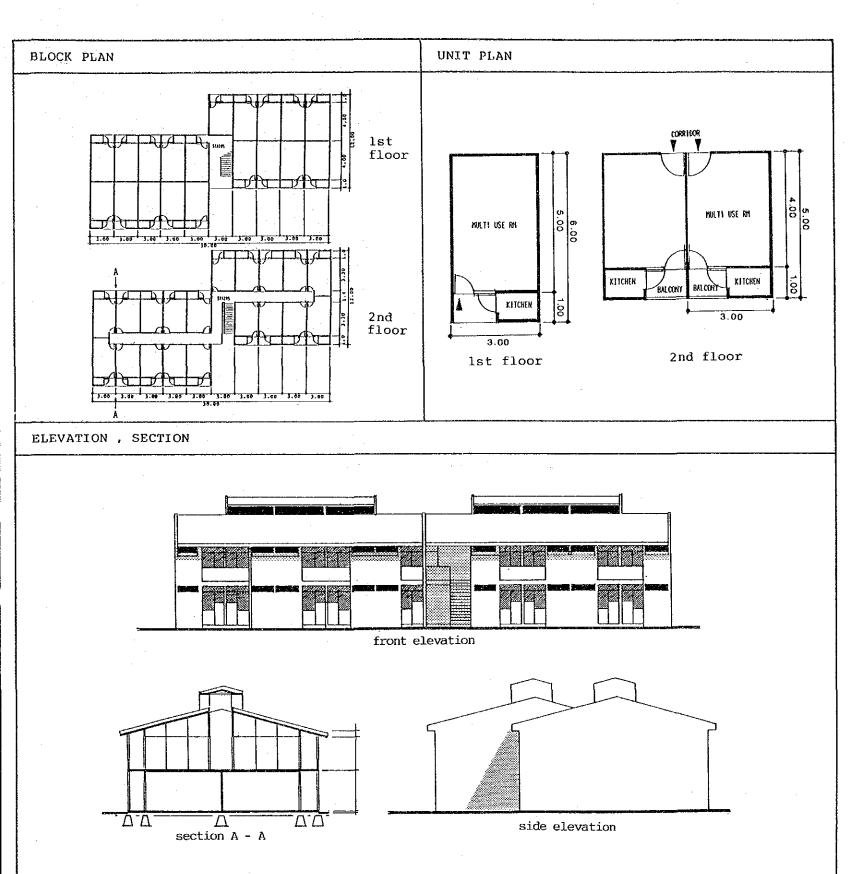
- 3rd letter : Serial No. of the Type - 4th letter : No. of Stories - 5th letters : Nominal floor area of units

FOR CONSTRUCTION COST

(A) Rp/Gross Floor Area (m2)

(B) Rp/Net Floor Area (m2)

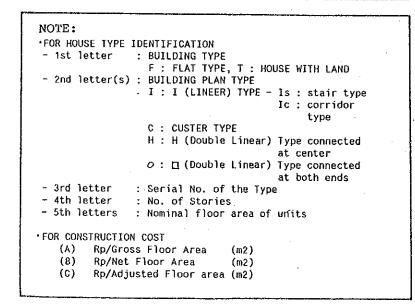
(C) Rp/Adjusted Floor area (m2)

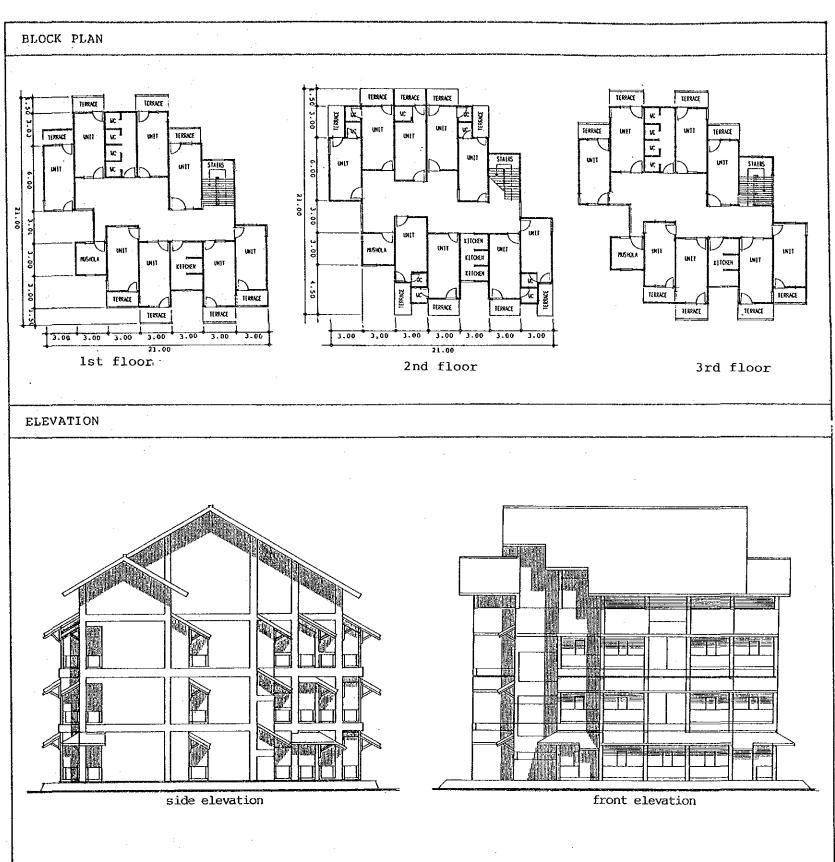


### HOUSING TYPE : F.Ic.04.4.18

1. No. of Floors

(Including Ba	lcony)	*		
	Typica Area oss Area		:	180.00 296.10
4. Efficiency Ra	tio (%)		:	60.8
<ol> <li>Structure Sys</li> <li>Applied Devel</li> </ol>			:	RC Rigid frame
o. Applied Devel	Оршенс			·
NAME OF DEVLP'N	•	DUPAK BANGUN	SAR	<u> </u>
DEVELOPER		KANWIL PU		·
CONST. PERIOD		1988-1989		
UNIT COST OF HOUBLDG. (Rp/m2)	JS'G			
SELLING PRICE	(1)			
	(II)			
	(III)			
1	(14)			
	121/			
	(I)			
	(II)			
	(III) (II)			
	(II)			
	(III) (III)			
	(III) (III)			
	(III) (III)			





### HOUSING TYPE : F.Hc.01.4.21

1. No. of Floors 2. Actual Floor Area of Unit 21.00 (Including Balcony)

3. Floor Area of Typical Floor (m2)

: 567.00 Net Area Gross Area 804.00

4. Efficiency Ratio (%)

70.5

5. Structure System

: RC Rigid Frame

6. Applied Development

NAME OF DEVLP'NI		KEBON KACANG	
DEVELOPER		Perumnas	
CONST. PERIOD			
UNIT COST OF HOL	S'G		,
BLDG. (Rp/m2)			
SELLING PRICE	(1)		
	(II)		
	(III)		
	(IV)		
	(I)		
	(II)		
	(III)		
	(IV)		
	(I)		
Ì	(II)		
	(III)		
	(IV)		

### NOTE:

•FOR HOUSE TYPE IDENTIFICATION

- 1st letter : BUILDING TYPE

F: FLAT TYPE, T: HOUSE WITH LAND
- 2nd letter(s): BUILDING PLAN TYPE
- I: I (LINEER) TYPE - Is: stair type
- Ic: corridor

type

C : CUSTER TYPE

H : H (Double Linear) Type connected

at center

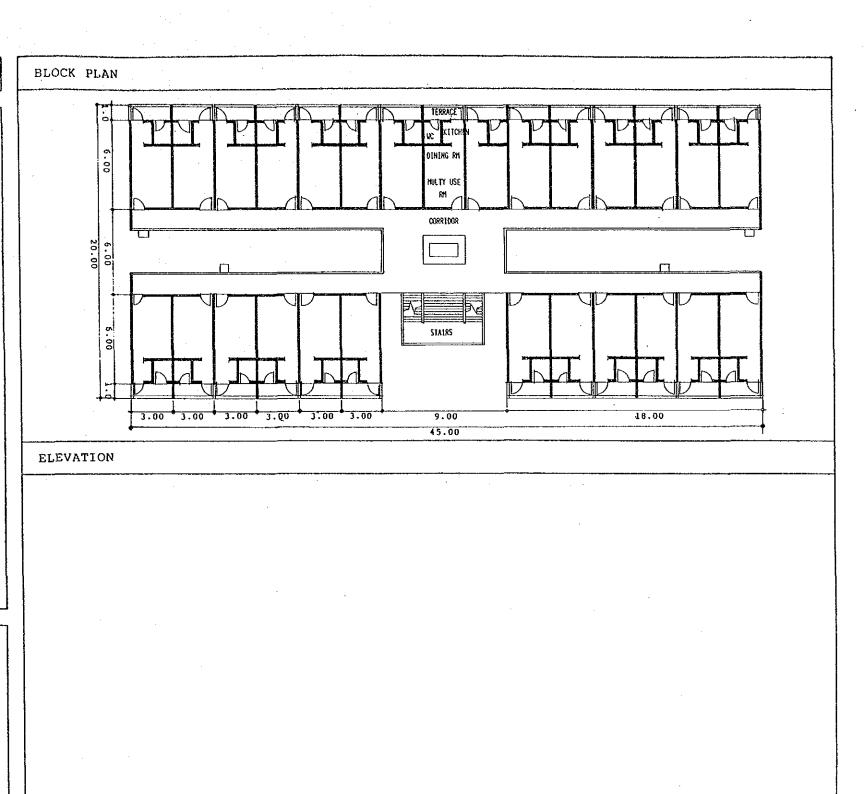
O: [] (Double Linear) Type connected at both ends

- 3rd letter : Serial No. of the Type - 4th letter : No. of Stories - 5th letters : Nominal floor area of units

### · FOR CONSTRUCTION COST

(A) Rp/Gross Floor Area (m2)
(B) Rp/Net Floor Area (m2)

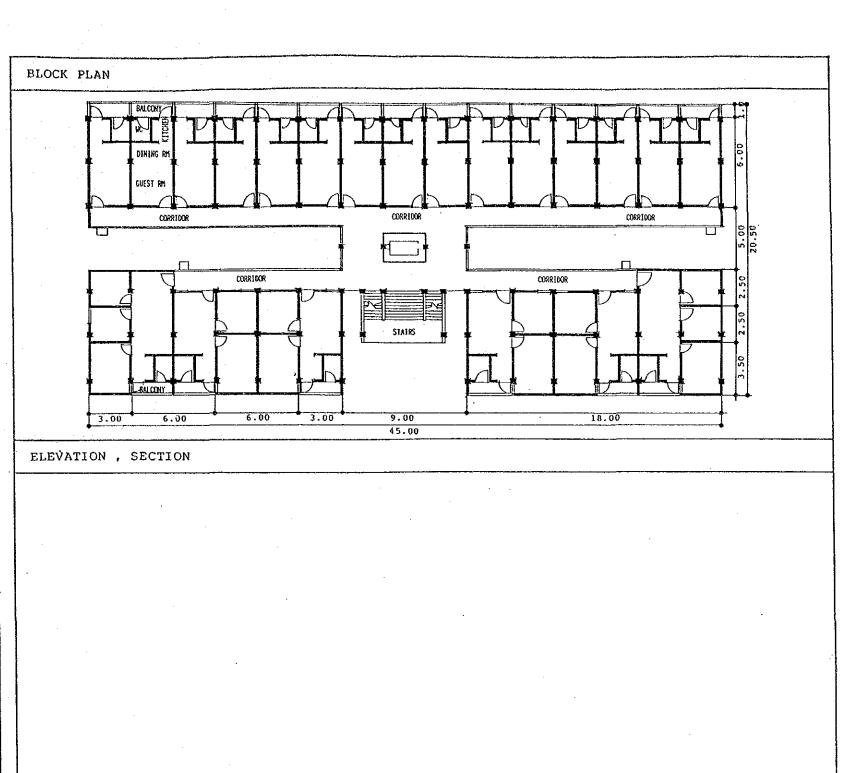
Rp/Adjusted Floor area (m2)



### HOUSING TYPE : F.H.02.4.21/42/51

1. No. of Flo	ors		;	_4
2. Actual Flo (Including		Unit	:	15:21.00 4:42.00 2:51.00
	of Typica Net Area Gross Area		:	585.00 804.00
4. Efficiency	Ratio (%)		:	70.5
5. Structure	System		:	<u>RC Rigid</u> Frame
6. Applied De	velopment			
NAME OF DEVLP	¹ NT	KEBON KACANG		
DEVELOPER		PERUMNAS		
CONST. PERIOD				
		<u> </u>		
UNIT COST OF BLDG. (Rp/m2)				•
SELLING PRICE				
-	(11)			
	(111)	<u></u>		
	(IV)			
	(I)			
	(II)			
	(III)			· · · · · · · · · · · · · · · · · · ·
	(IV)			
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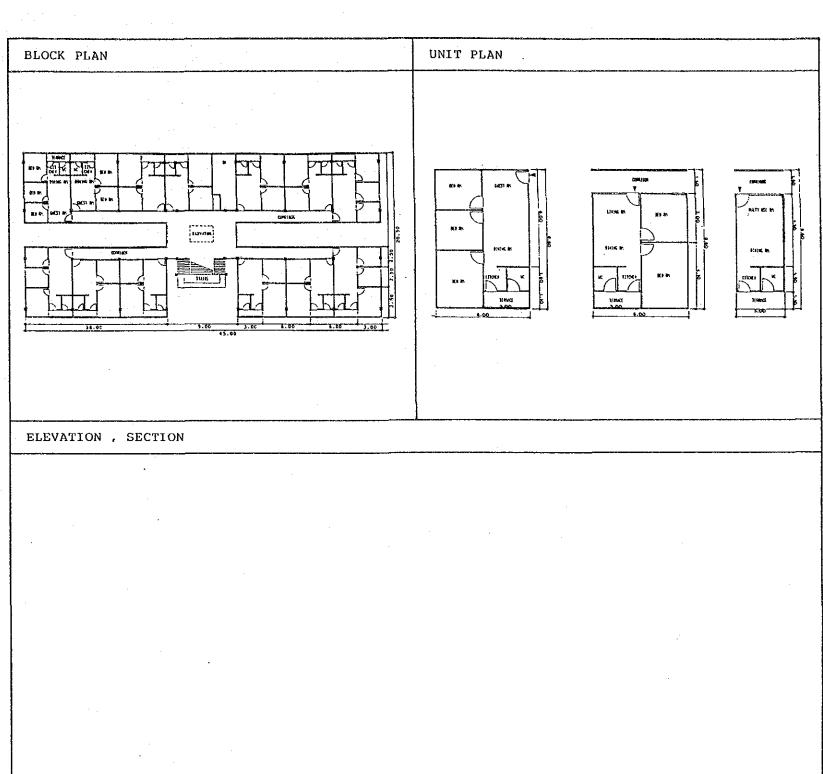
### NOTE: •FOR HOUSE TYPE IDENTIFICATION - 1st letter : BUILDING TYPE F: FLAT TYPE, T: HOUSE WITH LAND - 2nd letter(s): BUILDING PLAN TYPE I : I (LINEER) TYPE - Is : stair type . Ic : corridor type C : CUSTER TYPE H : H (Double Linear) Type connected at center O: D (Double Linear) Type connected at both ends - 3rd letter : Serial No. of the Type - 4th letter : No. of Stories - 5th letters : Nominal floor area of units •FOR CONSTRUCTION COST (A) Rp/Gross Floor Area (m2) (B) Rp/Net Floor Area (m2) (C) Rp/Adjusted Floor area (m2)

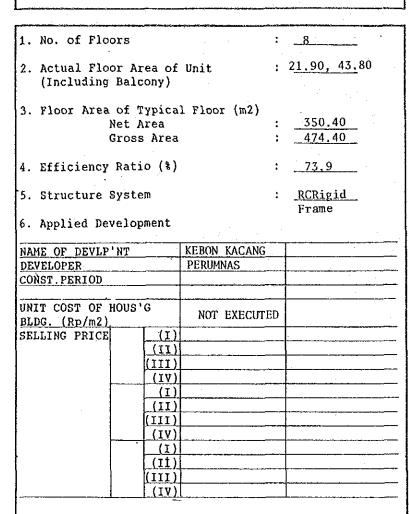


### HOUSING TYPE : F.H.03.4.42/51

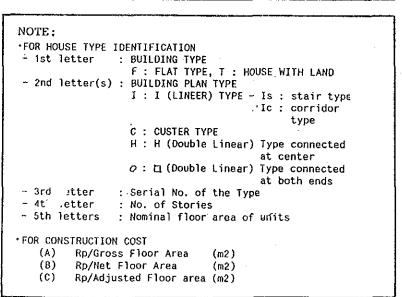
1. No. of Floo	rs ·		:	_4
2. Actual Floo (Including	-	Unit	;	42.00; 51.00
-	of Typica et Area cross Area		:	582.00 804.00
4. Efficiency	Ratio (%)		:	72.4
5. Structure S	System		:	RC Rigid Frame
6. Applied Dev	relopment			
NAME OF DEVLP'	NT	KEBON KACANG		
DEVELOPER .	· · · · · · · · · · · · · · · · · · ·	PERUNNAS		
CONST PERIOD				
UNIT COST OF H BLDG. (Rp/m2)	ions, e			
SELLING PRICE	(1)			
	(11)			
	(III)	·		
1	(IV)	<del> </del>	_	
	(1)		_	
	(11)			
	(III)			
	(17)			
<u>[</u> .	(I)	<u></u>		<u> </u>
	<u>(II)</u>			
	(III)	<u> </u>		

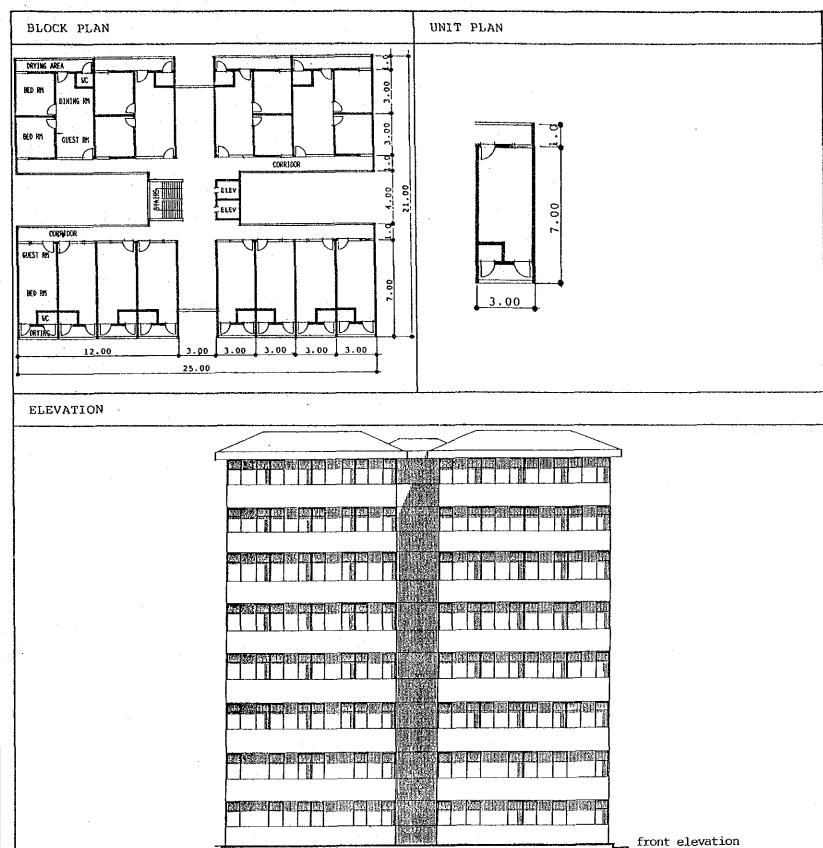
NOTE:	
•FOR HOUSE TYP	E IDENTIFICATION
- 1st letter	: BUILDING TYPE
	F : FLAT TYPE, T : HOUSE WITH LAND
- 2nd letter(	s) : BUILDING PLAN TYPE
	I : I (LINEER) TYPE - Is : stair type
	Ic : corridor
	type
	C : CUSTER TYPE
	H : H (Double Linear) Type connected
	at center
	O : □ (Double Linear) Type connected
	at both ends
	: Serial No. of the Type
	: No. of Stories
- 5th letters	: Nominal floor area of units
• FOR - CONSTRUCT:	ION COST
(A) Rp/Gi	oss Floor Area (m2)
(B) Rp/No	et Floor Area (m2)
(C) Rp/Ad	fjusted Floor area (m2)

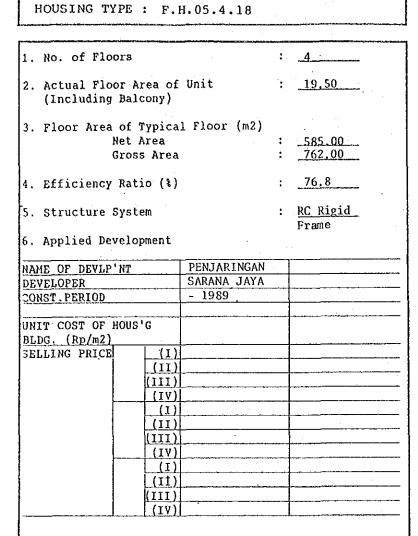


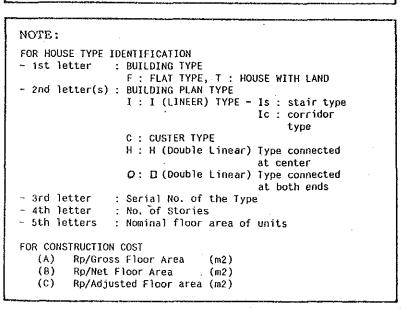


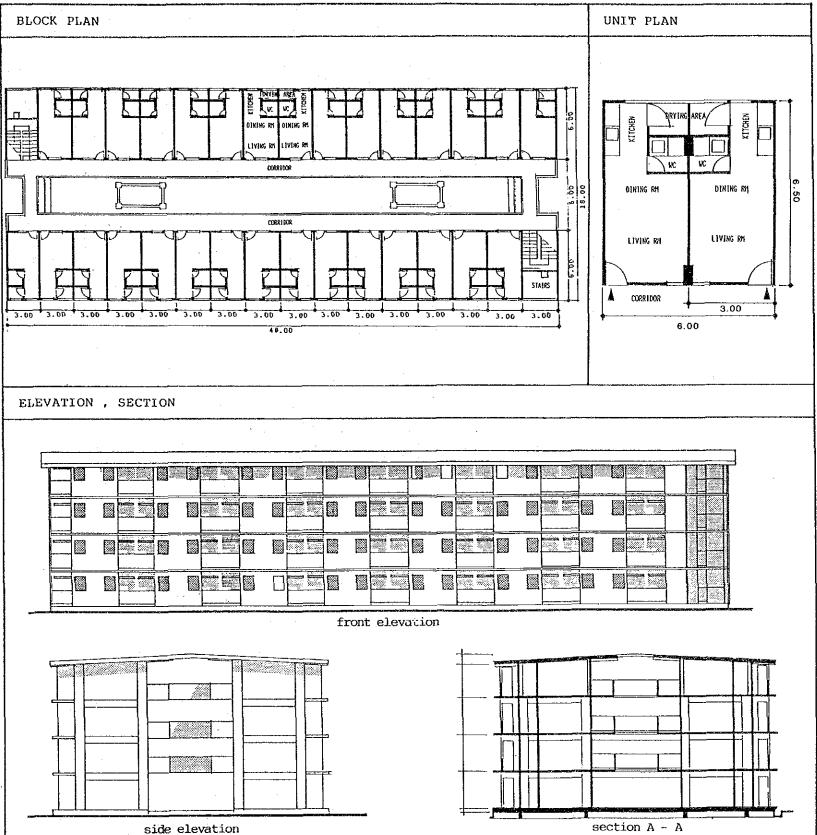
HOUSING TYPE : F.H.04.8.21/45





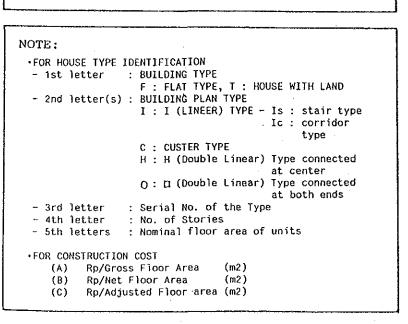


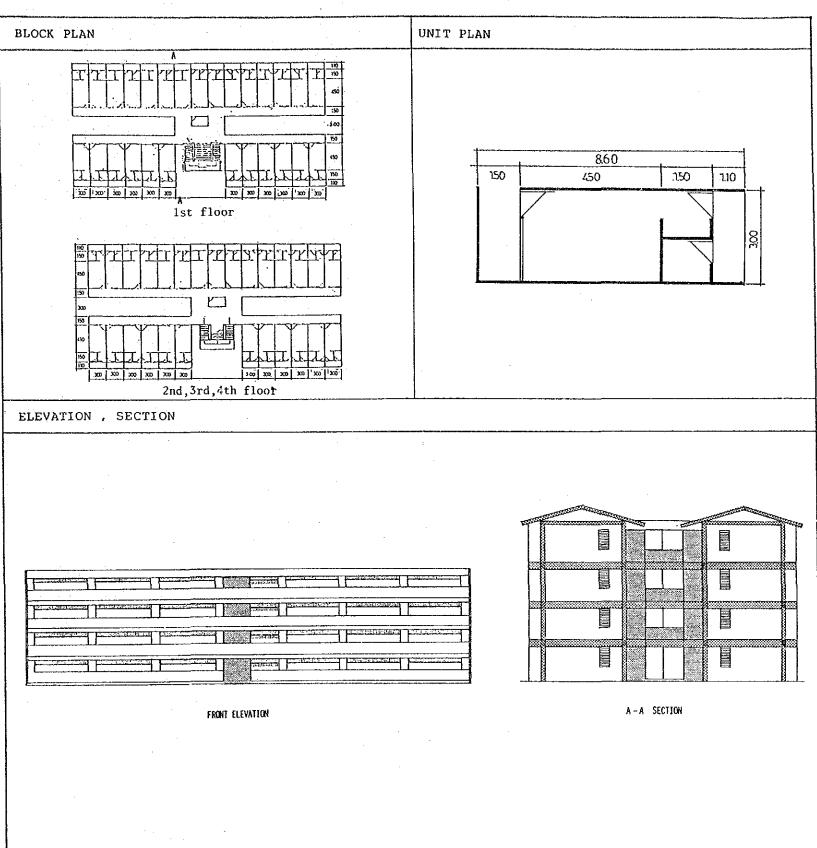




### 1. No. of Floors : 4\_\_\_\_ 21.3 2. Actual Floor Area of Unit (Including Balcony) 3. Floor Area of Typical Ploor (m2) Net Area Gross Area 4. Efficiency Ratio (%) : 75.3 5. Structure System : RC/PC/STEEL 6. Applied Development KEBON KACANG NAME OF DEVLP'NT DEVELOPER CONST. PERIOD UNIT COST OF HOUS'G BLDG. (Rp/m2) (I) (II) SELLING PRICE (III) (IV) (1) (11) (III) (IV) <u>(I)</u> (III) (III) (IV)

HOUSING TYPE :

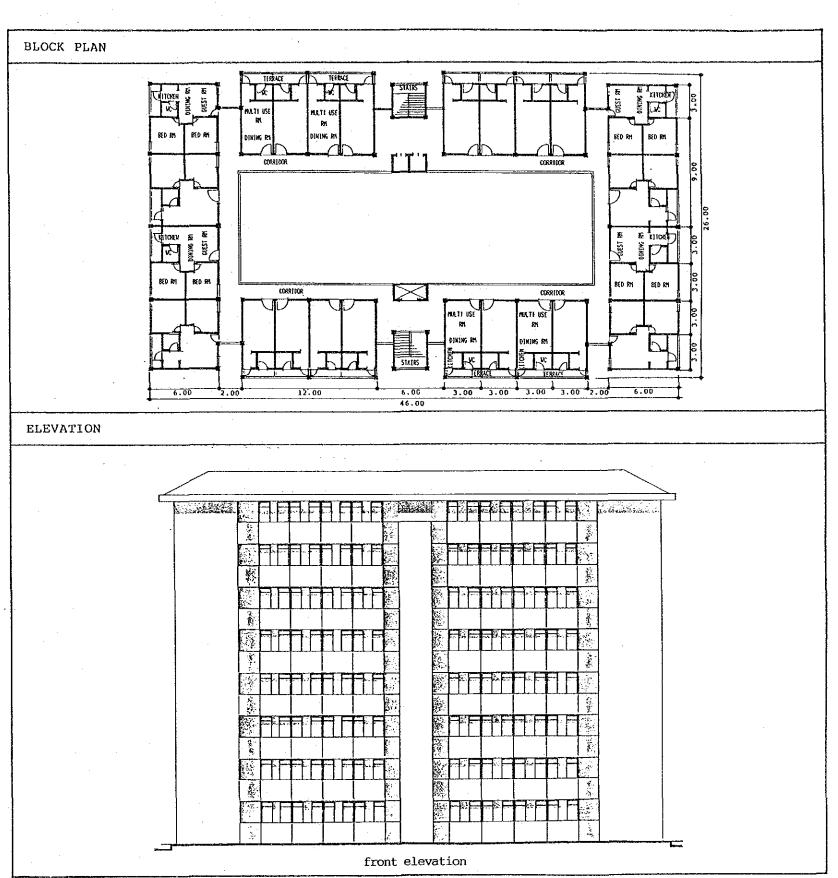




#### HOUSING TYPE : F.0.01.8.21/36 1. No. of Floors : 8 : <u>21.00</u>, 36.00 2. Actual Floor Area of Unit (Including Balcony) 3. Floor Area of Typical Floor (m2) : 624.00 Net Area Gross Area : 818.70 4. Efficiency Ratio (%) : 76.2 : RC Rigid Frame 5. Structure System Frame 6. Applied Development NAME OF DEVLP'NT DEVELOPER KEBON KACANG PERUMNAS CONST. PERIOD UNIT COST OF HOUS'G BLDG. (Rp/m2) (I) SELLING PRICE (III) (IV) (I) (11) (III) (IV) (I)

#### NOTE: FOR HOUSE TYPE IDENTIFICATION - ist letter : BUILDING TYPE F : FLAT TYPE, T : HOUSE WITH LAND - 2nd letter(s) : BUILDING PLAN TYPE I : I (LINEER) TYPE - 1s : stair type Ic : corridor type C : CUSTER TYPE H : H (Double Linear) Type connected at center O: D (Double Linear) Type connected at both ends - 3rd letter : Serial No. of the Type - 4th letter : No. of Stories - 5th letters : Nominal floor area of units FOR CONSTRUCTION COST (A) Rp/Gross Floor Area (m2) Rp/Net Floor Area (m2) Rp/Adjusted Floor area (m2)

(11) (111) (1V)

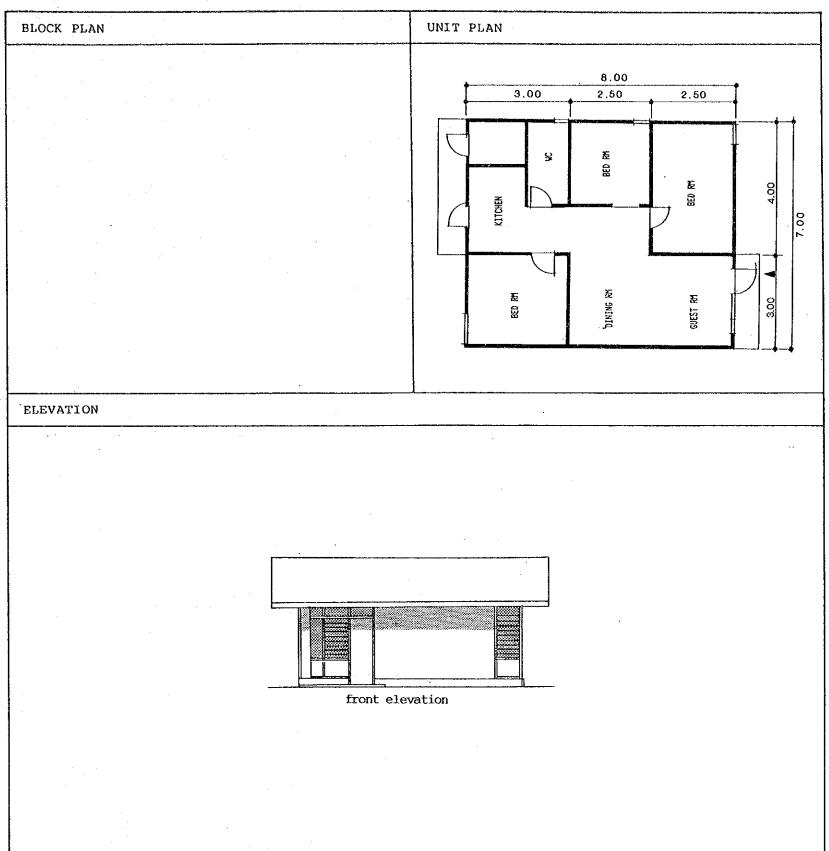


HOUSING TYPE : T.D.01.1.54 1. No. of Floors : 1\_\_\_\_\_ 2. Actual Floor Area of Unit (Including Balcony) : 56.00 3. Floor Area of Typical Floor (m2) Net Area Gross Area 4. Efficiency Ratio (%) 5. Structure System 6. Applied Development KLENDER NAME OF DEVLP'NT DEVELOPER PERUMNAS CONST. PERIOD UNIT COST OF HOUS'G BLDG. (Rp/m2) SELLING PRICE (IV) (III) (III) <u>(I)</u> (II)

(III) (IV)

(IV) (III) (IV)

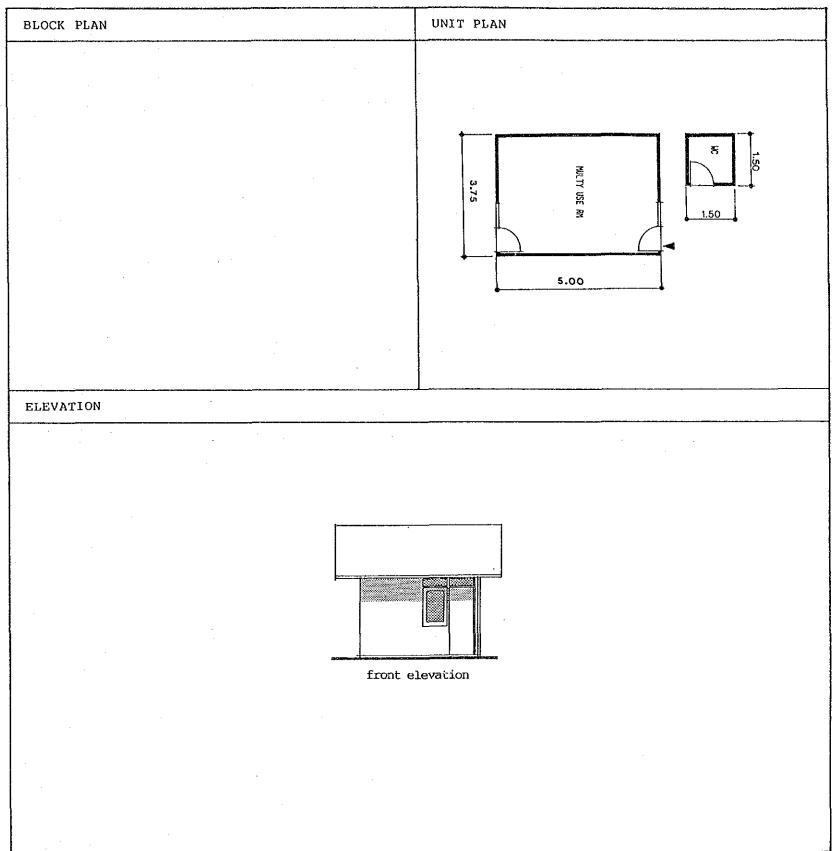
NOTE:	TUDE TACHTYCIAITIAN
· - · · · · · · · · · · ·	TYPE IDENTIFICATION
- ist lett	er : BUILDING TYPE
	F : FLAT TYPE, T : HOUSE WITH LAND
- 2nd lett	er(s): BUILDING PLAN TYPE
	I : I (LINEER) TYPE - Is : stair type
	Ic : corridor
	type
	C : CUSTER TYPE
	H : H (Double Linear) Type connected
	at center
	O: ☐ (Double Linear) Type connected
	at both ends
- 3rd lett	er : Serial No. of the Type
- 4th lett	er : No. of Stories
- 5th lett	ers : Nominal floor area of units
·FOR CONSTR	UCTION COST
(A) R	p/Gross Floor Area (m2)
	p/Net Floor Area (m2)
	p/Adjusted Floor area (m2)



1. No. of Floors		: _1	_
2. Actual Floor Area (Including Balcony	of Unit	: 21.00	
3. Floor Area of Typi Net Area Gross Ar 4. Efficiency Ratio (	rea		
5. Structure System 6. Applied Developmen		: Wooden Structur	·e
NAME OF DEVLP'NT	KLENDER PERUMNAS		
CONST. PERIOD			
UNIT COST OF HOUS'G BLDG. (Rp/m2)			
(1)	(A) (I) (I)		
	I) (I) (V)		
(ii	1) 1) V)		

HOUSING TYPE : T.D.02.1.21

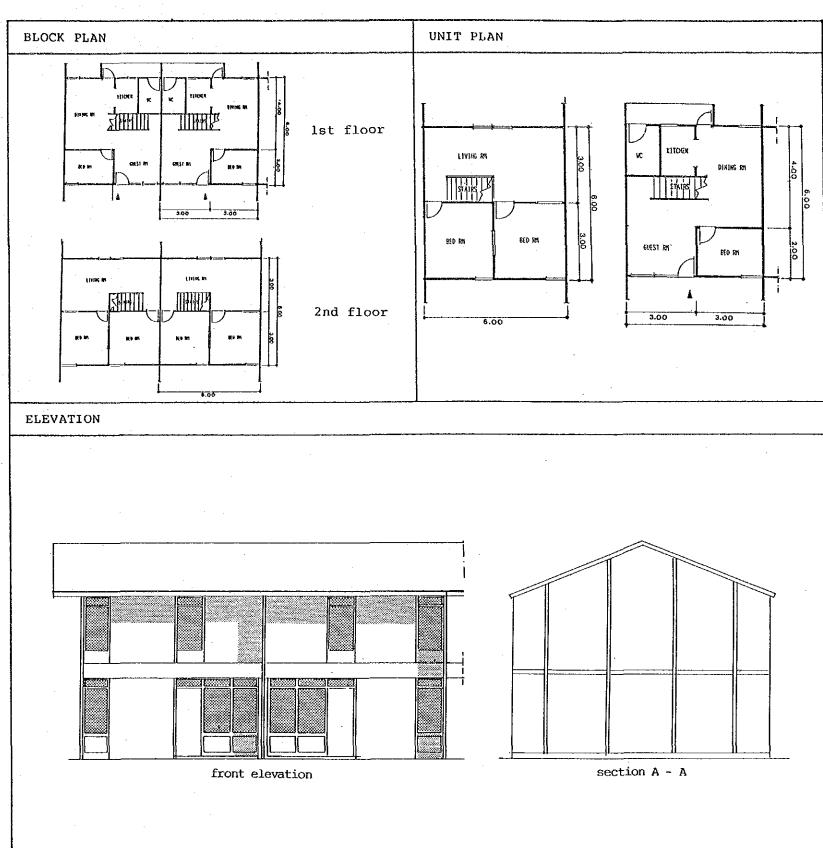
VOTE:	
	IDENTIFICATION
- 1st letter	: BUILDING TYPE
	F : FLAT TYPE, T : HOUSE WITH LAND
- 2nd letter(s	) : BUILDING PLAN TYPE
	I : I (LINEER) TYPE - Is : stair type
	Ic : corridor
	type
	C : CUSTER TYPE
	H : H (Double Linear) Type connected
•	at center
	O: [] (Double Linear) Type connected
	at both ends
- 3rd letter	: Serial No. of the Type
- 4th letter	: No. of Stories
- 5th letters	: Nominal floor area of units
FOR CONSTRUCTION	ON COST
(A) Rp/Gro	oss Floor Area (m2)
(B) Rp/Net	Floor Area (m2)
	justed Floor area (m2)



# HOUSING TYPE : T.S.01.2.70

NAME OF DEVLP'NT	:	KLENDER	
DEVELOPER		PERUMNAS	
CONST. PERIOD			
UNIT COST OF HOL	IS'G		
BLDG. (Rp/m2)			
SELLING PRICE	(1)		
·	(II)		
	(III)		
	(IV)		
<u> </u>	(I)		
	(II)		
	(III)	,	
	(IV)		
<u> </u>	(1)		
	(II)		
	(111)		
	(TV)		

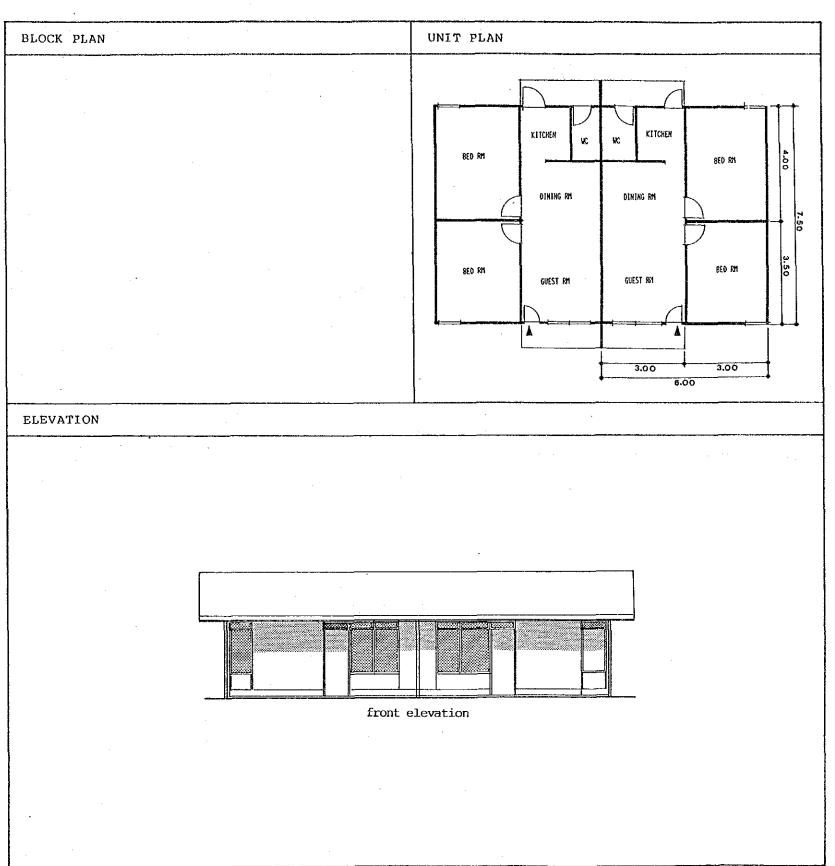
#### NOTE: ·FOR HOUSE TYPE IDENTIFICATION - 1st letter : BUILDING TYPE F : FLAT TYPE, T : HOUSE WITH LAND - 2nd letter(s) : BUILDING PLAN TYPE I : I (LINEER) TYPE - Is : stair type Ic : corridor type C : CUSTER TYPE H : H (Double Linear) Type connected at center O: [1] (Double Linear) Type connected at both ends - 3rd letter : Serial No. of the Type - 4th letter : No. of Stories - 5th letters : Nominal floor area of units • FOR CONSTRUCTION COST (A) Rp/Gross Floor Area (m2) Rp/Net Floor Area (C) Rp/Adjusted Floor area (m2)



1. No. of Floors 2. Actual Floor Area of Unit (Including Balcony) : 45\_00\_\_\_ 3. Floor Area of Typical Floor (m2) Net Area Gross Area 4. Efficiency Ratio (%) 5. Structure System 6. Applied Development NAME OF DEVLP'NT DEVELOPER CONST.PERIOD KLENDER PERUMNAS UNIT COST OF HOUS'G BLDG. (Rp/m2) SELLING PRICE (II) (111) (IV) (II) (III) (IV) (I) <u>(11)</u> (III) (VI)

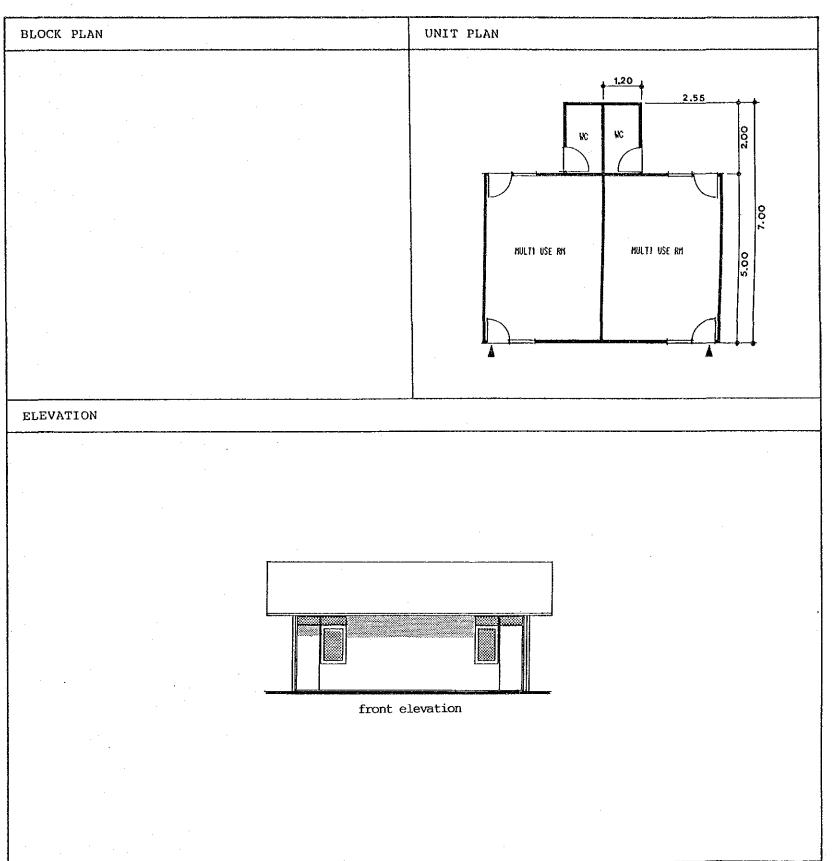
HOUSING TYPE: T.S.02.1.45

NOTE:	
FOR HOUSE TYPE	IDENTIFICATION
- 1st letter	: BUILDING TYPE
	F : FLAT TYPE, T : HOUSE WITH LAND
<ul><li>2nd letter(s)</li></ul>	: BUILDING PLAN TYPE
	I : I (LINEER) TYPE - Is : stair type
	Ic : corridor
	type
	C : CUSTER TYPE
	H : H (Double Linear) Type connected
	· at center
	O: D (Double Linear) Type connected
	at both ends
- 3rd letter	: Serial No. of the Type
- 4th letter	: No. of Stories
- 5th letters	: Nominal floor area of units
FOR CONSTRUCTION	ON COST
(A) Rp/Gro	ss Floor Area (m2)
(B) Rp/Net	Floor Area (m2)
(C) Rp/Add	usted Floor area (m2)



1. No. of Floors		: _1	
		:	
		: 21.1	5
3. Floor Area of Typi	cal Floor (m2)		
		:	
Gross Ar	ea	:	
4 Efficiency Ratio (	<b>&amp;</b> )		
4. Hillorency nacto (	• /		
5. Structure System		:	
C: 3			
6. Applied Developmen	π.		
NAME OF DEVLP'NT	KLENDER		
DEVELOPER	PERUMNAS		
CONST. PERIOD			····
UNIT COST OF HOUS'G			.,
EVELOPER PERUMNAS			
Actual Floor Area of (Including Balcony)  Floor Area of Typic Net Area Gross Are  Efficiency Ratio (%  Structure System  Applied Development  ME OF DEVLP'NT  EVELOPER  ONST.PERIOD  RIT COST OF HOUS'G  LDG. (Rp/m2)  ELLING PRICE (II (III (III (IV)))			·
1 —			
, p			<del></del>
<del> </del>	1)		
(1	(1)		
μ <u></u> -	<del></del>		
<del></del>			
<sup>1</sup>	7.1	<del>-   </del>	
(II	1)		
1 71	(Y)	1	

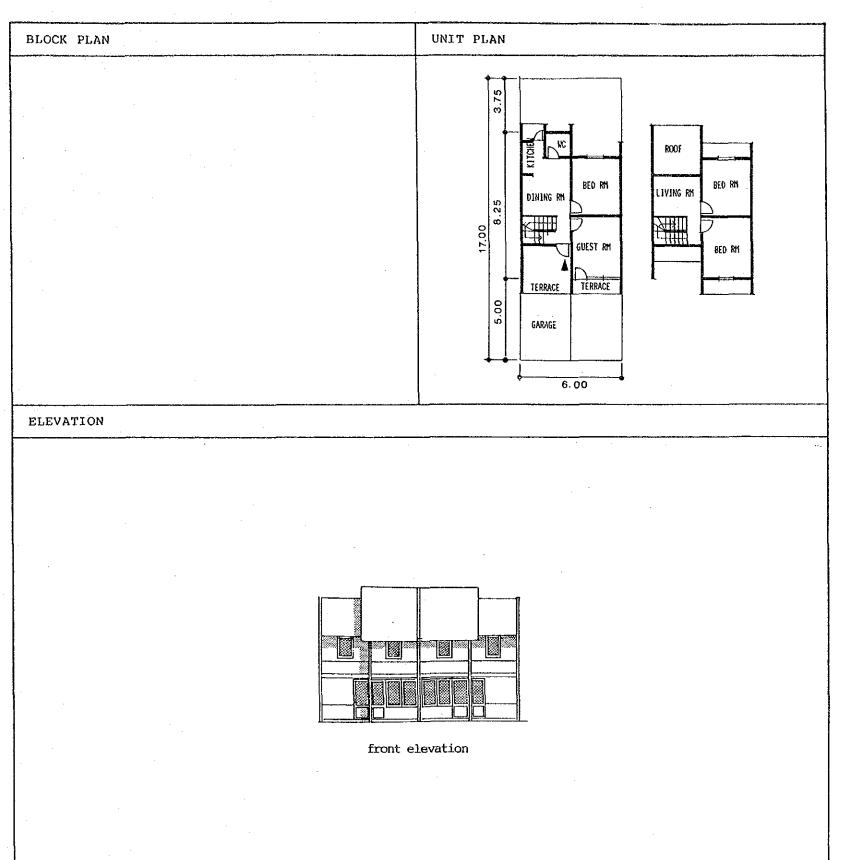
NOTE:			
OR HOUSE TYPE ID	ENTIFICATION		
1st letter :	BUILDING TYPE		
	F : FLAT TYPE	, T : HO	USE WITH LAND
- 2nd letter(s) :	BUILDING PLAN	TYPE	
	I : I (LINEER	) TYPE -	Is : stair type
			Ic : corridor
			type
	C : CUSTER TY	PΕ	
	H : H (Double	Linear)	Type connected
			at center
	O: A (Double	Linear)	Type connected
			at both ends
- 3rd letter :			e
- 4th letter :			
- 5th letters :	Nominal floor	area of	units
FOR CONSTRUCTION	COST		
(A) Rp/Gross	Floor Area	(m2)	
(B) Rp/Net F	loor Area	(m2)	
(C) Rp/Adjus	ted Floor area	(m2)	



1. No. of Floors : 2 : 76.95 2. Actual Floor Area of Unit (Including Balcony) 3. Floor Area of Typical Floor (m2) Net Area Gross Area 4. Efficiency Ratio (%) 5. Structure System Post & Beam 6. Applied Development BEKASI DAWALUMBU NAME OF DEVLP'NT DEVELOPER PERUMNAS CONST. PERIOD UNIT COST OF HOUS'G BLDG. (Rp/m2) SELLING PRICE (1) (II) (III) (IV) (I) (II) (III) (IV) (I) (II) (111) (IV)

HOUSING TYPE: T.R.01.2.70

FOR HOUSE TYPE IDENTIFICATION - 1st letter : BUILDING TYPE F : FLAT TYPE, T : HOUSE WITH LAND
- 2nd letter(s) : BUILDING PLAN TYPE I : I (LINEER) TYPE - Is : stair type Ic : corridor type C : CUSTER TYPE H: H (Double Linear) Type connected at center Q: □ (Double Linear) Type connected at both ends - 3rd letter : Serial No. of the Type - 4th letter : No. of Stories - 5th letters : Nominal floor area of units FOR CONSTRUCTION COST (A) Rp/Gross Floor Area (m2) Rp/Net Floor Area (m2) Rp/Adjusted Floor area (m2)

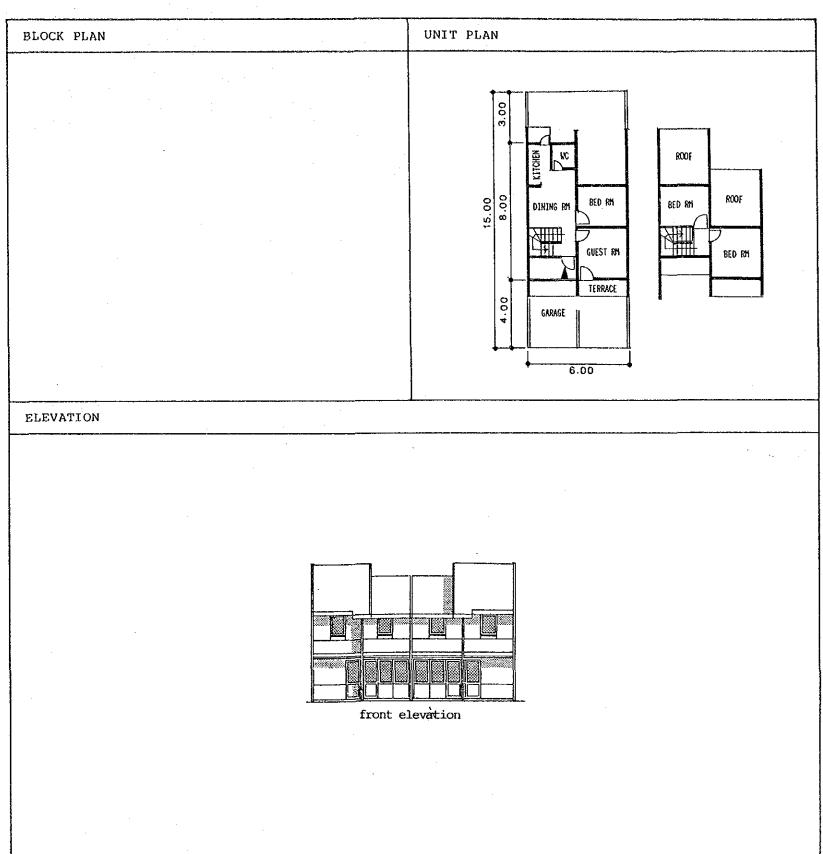


#### HOUSING TYPE: T.R.02.2.54 1. No. of Floors : 2 2. Actual Floor Area of Unit <u> 59.70</u> (Including Balcony) 3. Floor Area of Typical Floor (m2) 90 Net Area Gross Area 4. Efficiency Ratio (%) 5. Structure System : Post&Beam 6. Applied Development NAME OF DEVLP'NT KLENDER PERUMNAS <u>DEVELOPER</u> CONST.PERIOD UNIT COST OF HOUS'G BLDG. (Rp/m2) (I) (II) SELLING PRICE (III) (IV) (I) (11) (III) (IV)

NOTE:
FOR HOUSE TYPE IDENTIFICATION
- 1st letter : BUILDING TYPE
F: FLAT TYPE, T: HOUSE WITH LAND
- 2nd letter(s): BUILDING PLAN TYPE
I: I (LINEER) TYPE - Is: stair type
lc: corridor
type
C: CUSTER TYPE
H: H (Double Linear) Type connected
at center
O: D (Double Linear) Type connected
at both ends
- 3rd letter : Serial No. of the Type
- 4th letter : No. of Stories
- 5th letters : Nominal floor area of units

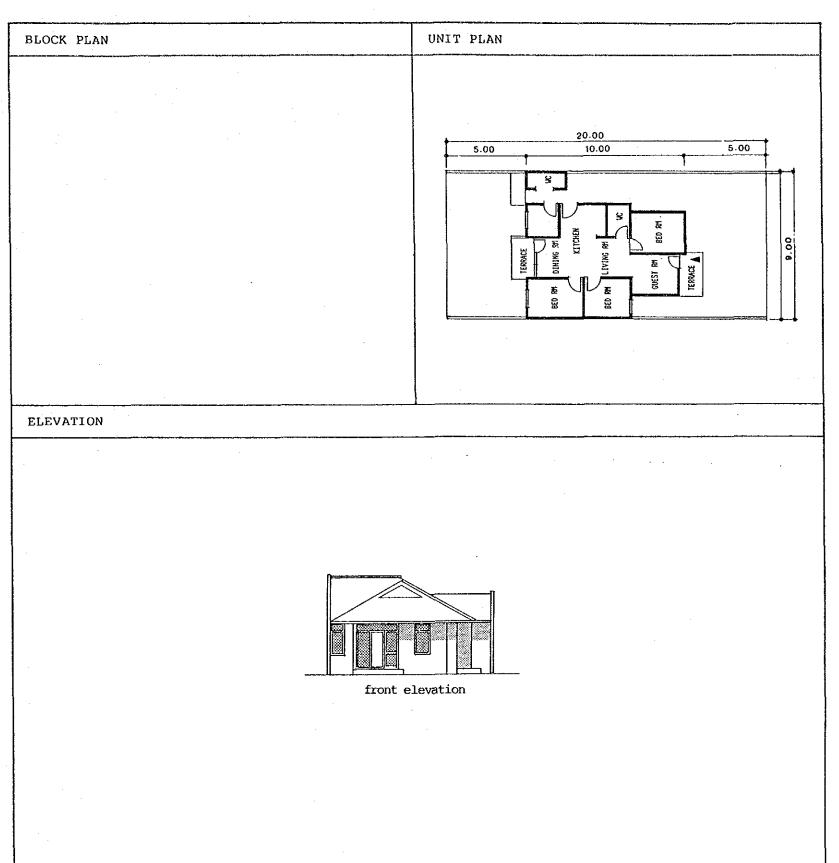
FOR CONSTRUCTION COST
(A) Rp/Gross Floor Area (m2)
(B) Rp/Net Floor Area (m2)
(C) Rp/Adjusted Floor area (m2)

(I) (II) (IV)



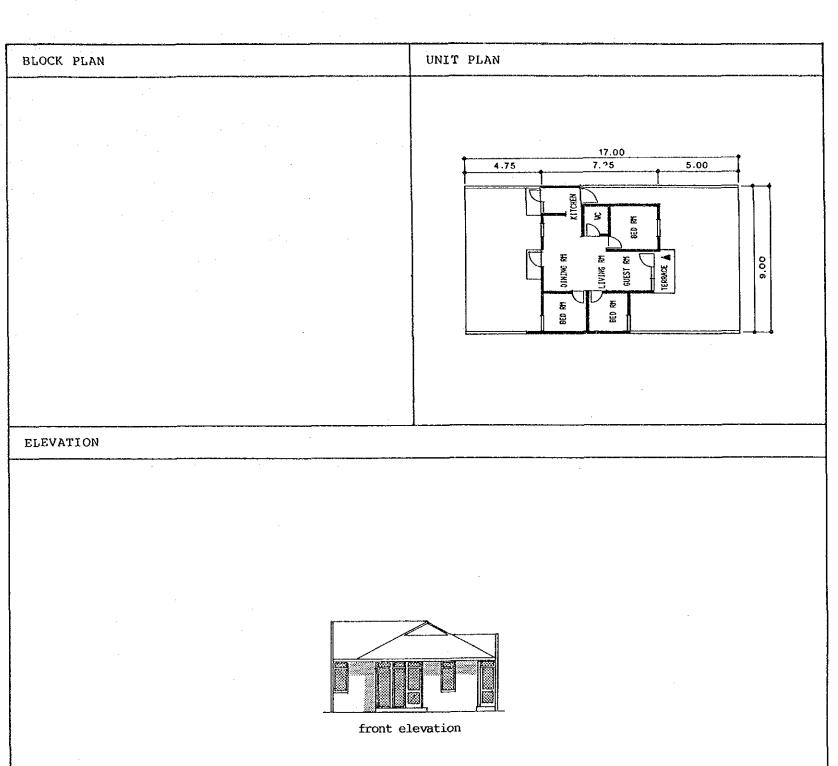
HOUSING TYP	E : T.R.	03.1.70		
1. No. of Floor	rs		•	1
2. Actual Floor (Including I		Unit	:	74.40
	of Typica et Area coss Area	-	:	180
4. Efficiency I	Ratio (%)		:	The state of the s
5. Structure Sy	stem		:	Post&Beam
6. Applied Deve	elopment			
NAME OF DEVLP'N	łT	KLAPA DUA		
DEVELOPER		PERUMNAS		
CONST. PERIOD		<u>.</u> .,		
UNIT COST OF HO	US'G			
BLDG. (Rp/m2)				
SELLING PRICE	(1)		_	
İ	(II)	<del></del>		<del></del>
	(III)			
-	$-\frac{(1)}{(1)}$			
	(TT)			
	(111)		•	
į	(IV)	·		
	(I)			
•	(II)			
	(111)			
	[(IV)			

· ·· - •	•
FOR HOUSE TYPE	IDENTIFICATION
- 1st letter	: BUILDING TYPE
	F : FLAT TYPE, T : HOUSE WITH LAND
- 2nd letter(s)	: BUILDING PLAN TYPE
	I : I (LINEER) TYPE - Is : stair type
	Ic : corridor
	type
	C : CUSTER TYPE
	H : H (Double Lineer) Type connected
	at center
	O: D (Double Lineer) Type connected
	at both ends
	: Serial No. of the Type
	: No. of Stories
- 5th letters	: Nominal floor area of units
FOR CONSTRUCTION	N COST
(A) Rp/Gro	ss Floor Area (m2)
	Floor Area (m2)
	usted Floor area (m2)



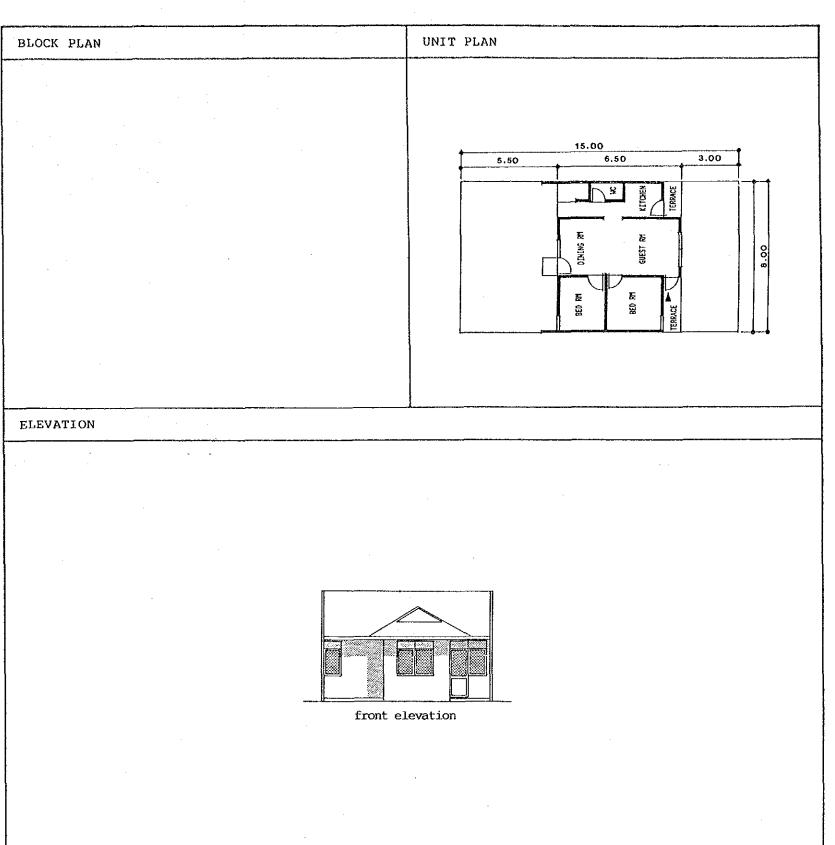
HOUSING TY	PE : T.R	.04.1.54		
1. No. of Floo	ors		:	1
2. Actual Floo (Including		Unit	:	57.37
-	of Typica Vet Area Gross Area		:	153
4. Efficiency	Ratio (%)		:	
5. Structure	System		:	· · · · · · · · · · · · · · · · · · ·
6. Applied Dev	velopment			
NAME OF DEVLP	'NT	KELAPA DUA		
DEVELOPER		PERUMNAS		
CONST. PERIOD				·
·				
UNIT COST OF	HOUS'G			
BLDG. (Rp/m2)				<u> :                                 </u>
SELLING PRICE		*		
	(11)	T — —		
	(III)			
	(IV)	1		<del> </del>
	(11)			
	(111)			
	(IV)	<del></del>		
	(I)			
	(II)	· <del> </del>		
	(111)			
	(IV)			

NOTE:	
FOR HOUSE TYPE I	IDENTIFICATION.
- 1st letter	: BUILDING TYPE
	F : FLAT TYPE, T : HOUSE WITH LAND
- 2nd letter(s)	: BUILDING PLAN TYPE
	I : I (LINEER) TYPE - Is : stair type
	lç ; corridor
	type
	C : CUSTER TYPE
	H : H (Double Lineer) Type connected
	at center
	O: D (Double Lineer) Type connected
	at both ends
- 3rd letter	: Serial No. of the Type
	: No. of Stories
- 5th letters	: Nominal floor area of units
	•
FOR CONSTRUCTION	
	ss Floor Area (m2)
(B) Rp/Net	
(C) Rp/Adji	usted Floor area (m2)



# HOUSING TYPE : T.R.05.1.45 1. No. of Floors Actual Floor Area of Unit (Including Balcony) : 44.10 3. Floor Area of Typical Floor (m2) Net Area 120 Gross Area 4. Efficiency Ratio (%) 5. Structure System 6. Applied Development NAME OF DEVLP'NT DEVELOPER CONST.PERIOD KLAPA DUA UNIT COST OF HOUS'G BLDG. (Rp/m2) SELLING PRICE (II) (III) (IV) (II) (II) (III) (IV) (I) (III) (IV)

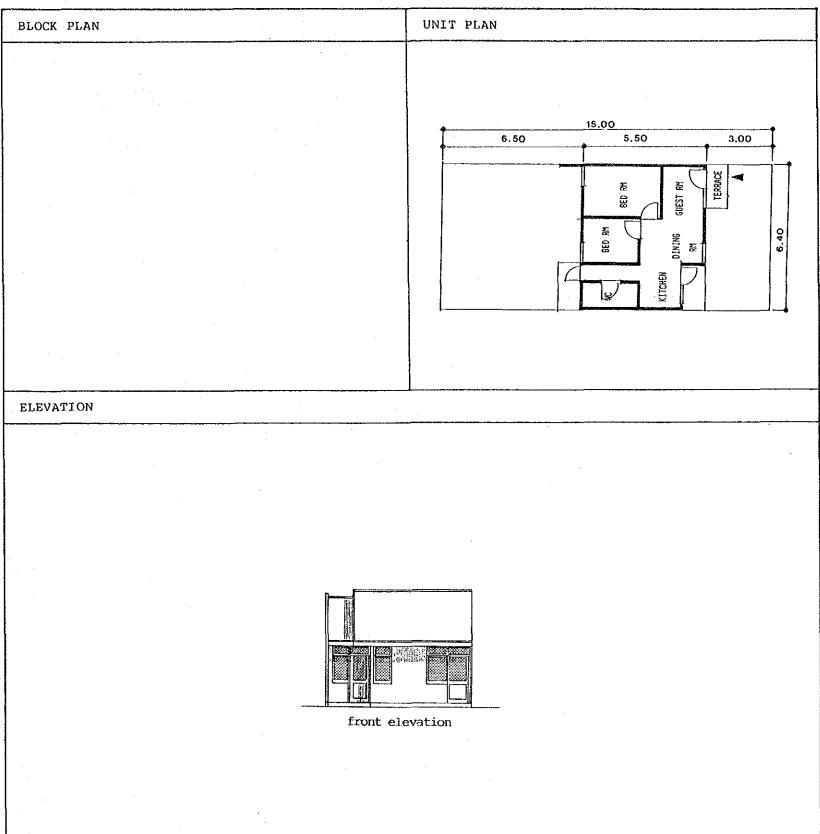
NOTE:					
OR HOUSE	TYPE I	DENTIFICATION			
		: BUILDING TYPE			
		F : FLAT TYPE	, T : HOU	JSE WITH LAND	
2nd let	ter(s)	: BUILDING PLAN	TYPE		
		I : I (LINEER	) TYPE -	Is : stair type	
				Ic : corridor	
				· type	
		C : CUSTER TY			
		H: H (Double	Linear)	Type connected	
		•		at center	
		O: I (Double	Linear)	Type connected	
		*		at both ends	
- 3rd let	ter	: Serial No. of	the Typ	e	
- 4th let	ter	: No. of Storie	<b>\$</b> \$		
- 5th let	ters	: Nominal floor	area of	units	
FOR CONST	RUCTION	COST			
(A)	Rp/Gros	s Floor Area	(m2)		
(B)	Rp/Net	Floor Area	(m2)		
(c)	Rn/Adiu	isted Floor area	a (m2)		



## HOUSING TYPE: T.R.06.1.36 1. No. of Floors ; 1\_\_\_\_\_ 2. Actual Floor Area of Unit (Including Balcony) 33.20 3. Floor Area of Typical Floor (m2) 96 Net Area : 96\_\_\_ Gross Area 4. Efficiency Ratio (%) 5. Structure System 6. Applied Development NAME OF DEVLP'NT KLAPA DUA DEVELOPER CONST.PERIOD NO.OF UNITS (Bldgs) UNIT COST OF HOUS'G BLDG. (Rp/m2) SELLING PRICE (I)(III) (IV) (II) (III) (17) (I) (11) (III)

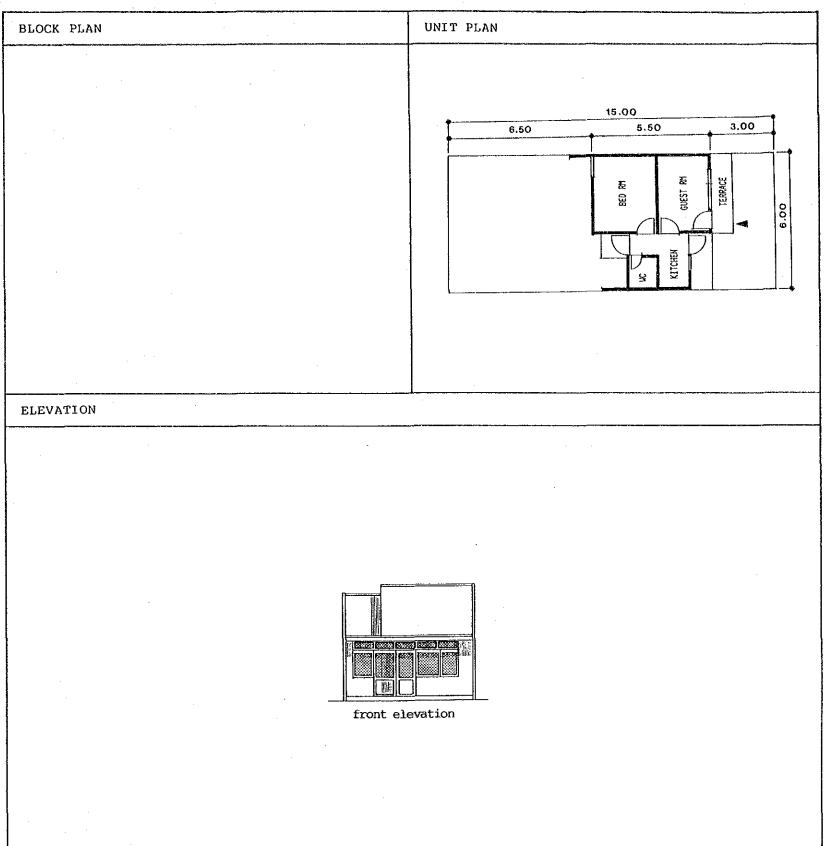
OTE:		4		
FOR HOUS	E TYPE I	DENTIFICATION		
- 1st le	tter	: BUILDING TYPE	Ξ	
		F : FLAT TYP	E, T : HO	USE WITH LAND
- 2nd le	tter(s)	: BUILDING PLAN	N TYPE	
		I : I (LINEE	R) TYPE -	Is : stair type
				Ic : corridor
				type
		C : CUSTER T	· · -	
		H : H (Doub)	e Lineer)	Type connected at center
		O: II (Doub)	e Lineer)	Type connected at both ends
- 3rd le	tter	: Serial No. o	f the Typ	e
- 4th le	tter	: No. of Stori	es	
		: Nominal floo		units
FOR CONS	TRUCTION	COST		
(A)	Rp/Gros	s Floor Area	(m2)	
			(m2)	
(C)	Rp/Adju	sted Floor are	a (m2)	

(17)



HOUSING TY				<u></u>
1. No. of Floors			;	_1
<ol> <li>Actual Floor Area of Unit (Including Balcony)</li> <li>Floor Area of Typical Floor (m2) Net Area Gross Area</li> </ol>			:	28.25
			:	90
4. Efficiency	Ratio (%)		:	
5. Structure System			:	
6. Applied Dev	elopment			
NAME OF DEVLP'	NT	KLAPA DUA		
DEVELOPER				
CONST. PERIOD				
		<u> </u>		
UNIT COST OF H	OUS'G			
BLDG. (Rp/m2)				
SELLING PRICE	(I)		,-	
	(11)			
	(III)	<b></b>		
	<u>(IV)</u>			
	( <u>I)</u>			
	(11)			
į	(111)			· · · · · · · · · · · · · · · · · · ·
}	(IV)			
j	( <u>I)</u>	<b> </b>		
j	(11)			
ŀ	(111)			
	[14]	l		

NOTE:	
FOR HOUSE TYPE I	DENTIFICATION
- ist letter	: BUILDING TYPE
	F : FLAT TYPE, T : HOUSE WITH LAND
- 2nd letter(s)	: BUILDING PLAN TYPE
	I : I (LINEER) TYPE - Is : stair type
	Ic: corridor
	type
	C : CUSTER TYPE
	H : H (Double Linear) Type connected
	at center
	O: Π (Double Linear) Type connected
	at both ends
	: Serial No. of the Type
- 4th letter	: No. of Stories
- 5th letters	: Nominal floor area of units
	. ACCT
FOR CONSTRUCTION	
	ss Floor Area (m2)
(B) Rp/Net	Floor Area (m2) usted Floor area (m2)



## HOUSING TYPE : T.R. 08.1.21

1. No. of Floors			1
<ol><li>Actual Floor Area of (Including Balcony)</li></ol>	Unit	:	21,50
3. Floor Area of Typical Floor (m2)  Net Area  Gross Area  4. Efficiency Ratio (%)			90
5. Structure System		:	
6. Applied Development	ū.		
NAME OF DEVLP'NT  DEVELOPER  CONST.PERIOD  NO.OF UNITS (Bldgs)  UNIT COST OF HOUS'G  BLDG. (Rp/m2)  SELLING PRICE (11)  (11) (11) (11) (11) (11) (11) (11	KLAPA DUA		
	<u> </u>		

FOR HOUSE TYPE	TOENTTETOATION
	: BUILDING TYPE
130 160061	
- and lottor(n)	F : FLAT TYPE, T : HOUSE WITH LAND
- zna recter(s)	: BUILDING PLAN TYPE
	I : I (LINEER) TYPE - Is : stair type
	Ic : corridor
	type
	C : CUSTER TYPE
	H : H (Double Lineer) Type connected
	at center
	O: D (Bouble Lineer) Type connected at both ends
- 3rd letter	: Serial No. of the Type
	: No. of Stories
- 5th letters	: Nominal floor area of units
FOR CONSTRUCTION	TPAN K
and the second s	
	ss Floor Area (m2)
	Floor Area (m2)
(C) Rp/Adji	usted Floor area (m2)

