## APPENDIX 1

Su vey Questionnaires English and Mandarin Versions

## SURVEY AMONG OWNER-OCCUPIERS

### Households' Survey

ADDRESS : BLOCK/HOUSE NO :

STREET NAME:

SINGAPORE :

18th Dec. 1992

#### Dear Sir/Madam,

I am conducting a survey among owner-occupiers of private residential properties in your district as part of my Post Graduate research work and would appreciate very much your co-operation in giving your support to this survey. *Your responses to this questionnaire are strictly confidential.* If you are willing to participate, please answer all the questions and hand the completed survey back to me.

#### When filling out the attached questionnaire please note the following points:

- 1. The *legal owner of the house* should fill in this survey. In the case of joint ownership, the respondent may confer with the other joint owners before giving answers to each question.
- 2. Most of the questions require only that
  - i] You tick ( /) your preferred choice. Please select ONLY ONE response for each question *unless otherwise stated*.
  - You provide a brief written answer. If so, kindly do so as clearly and accurately as possible.
- Some answers are followed by a simple instruction to skip to a later question, for example: [ Go to Q .....
   Please take special note of these instructions. If no special instruction is written, please proceed to the next question.
- 4. Please consult the Glossary of Terms overleaf if you are uncertain about the meaning of a question.

If you have any other additional comments, or suggestions regarding your residential properties or the area you live in, please feel free to note them at the end of the questionnaire, or on a separate sheet of paper attached to the questionnaire.

In case of any difficulty in filling in the questionnaire, please contact the following for clarification.

Thank you very much for your co-operation.

Mr. Tan K. Y.

Person to contact: Mr. Tan. Tel.no. 467 2959, Pgr... No. 209 2714

#### **GLOSSARY OF TERMS**

Condominium: The Concept of **Condominium** development was officially introduced in 1972.

Condominium means having control over a certain property jointly with one or more persons. Individual owners of condominium units are given "strata" certificates of title.

There is generally no restriction of foreign ownership on condominium units.

CPF: Central Provident Fund.

Detached Bungalow: This is a house standing on its own boundary, with no common wall.

Freehold: Perpetual property interest.

Geomancy: The Chinese practice of 'Feng Shui'.

HDB: Housing and Development Board. Public Housing.

HUDC: Housing and Urban Development Corporation: Middle Income Housing.

Landed Properties: Any Detached, Semidetached and terrace houses build on the ground.

Leasehold: Property Interest of fixe 1 duration, like 99 or 999 years. It is a lesser interest in

property than the freehold estate

Maisonnette: Flat on **two floors.**MRT: **Mass Rapid Transit.** 

Neighbourhood: Immediate area in which your house is situated. It includes nearby buildings and

other social and recreational facilities such as shopping centres, market, cinema, schools

etc.

Private Apartment: A Suite of rooms in a building. A private "flat" in other words with a horizontal

strata of a building uncer the Strata Title Act

Professional: Person who works as doctor, engineer, architect, surveyors, valuer, lawyer,

university/polytechnic ecturer, accountant, computer analyst, etc. and who holds

tertiary qualifications.

Semidetached house: A house sharing a common wall with its immediate neighbours. ( Duplex )

Semiprofessional: Person who works as teacher, technologist, administrative executive, nurse etc., and who

is specially trained to carry specific work.

Shophouse: Any Private housing cum shopping development.

Skilled Labourer: Person who is trained to do skilled job in major industry such as the

construction and the manufacturing industries.

Terraced house: A row of houses above the general surface.

Townhouse: Any Private housing development with or without recreational facilities and which are

build similar in form to that of landed properties such as semi-detached and which

comes under the Stratz Title Acts.

Uniformed Personnel: Persons working in the SAF, SPF and the SCDF.

Unskilled Labourer: General worker without any formal training working in major industries such as the

construction and the manufacturing industries.

#### Households' Survey

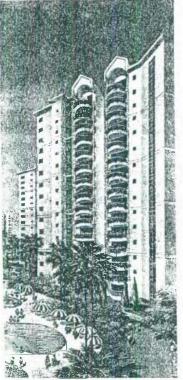
The following shows the pictures of different housing forms.



Maisonnette



**Private Apartments** 



Condominiums with recreational facilities



PRIVATE APARTMENT &
CONDOMINIUM HOUSING



Semi-detached Houses



Detached House (Bungalow)



**LANDED HOUSING** 

# THE FOLLOWING QUESTIONS ASK YOU SOMETHING ABOUT YOUR PRESENT DWELLING:

Q1.	How long have you and your family lived in the above address?												
	Answer: approximately:	year (s)											
Q2.	The house you live in is a :												
	Condominium / Private Apartment A landed property (i.e. detached, semi co A townhouse or a shophouse	etached & terrace house)	[ ] [ ] [ ]	go to Q 3. go to Q 4. go to Q 4.									
Q3	On which floor is your property?												
	ground floor 1st to 5th floor 6th to 10th floor 11th to 20 th floor above 20th floor	[ ] [ ] [ ]		go To Q 4.									
Q4.	What is built in floor area of your prope	ty?											
	below 1200 sq ft 1201 to 2000 sq ft 2001 to 3000 sq ft above 3000 sq ft	[ ] [ ] [ ]											
Q5.	What is the Tenure of your property?												
	Freehold Leasehold over 99 years e.g 999 yrs Leasehold 99 Years Or Under	[ ] [ ]											
Q6a.	In which year did you purchase this pro	erty?   19											
b.	What was the purchase price of this problem \$ 200 000 \$200 000 to \$ 400 000 \$400 000 to \$ 600 000 \$600 000 to \$ 800 000 \$800 000 to \$ 1 000 000 above \$ 1 000 000	erty ? [ ] [ ] [ ] [ ] [ ] [ ] [ ]											

# THE NEXT TWO QUESTIONS ASK ABOUT YOUR NEIGHBOURHOOD: THE LOCAL AREA IN WHICH YOUR HOUSE IS SITULTED:

Q7a.	What	are the THREE (3) things which you best	like abou	ut living	in this <b>ne</b>	eighbour	hood?	
	i.							
	ii. iii.							
b.		are the THREE (3) things which you least	like abo	out living	in this <b>n</b>	eighbour	hood ?	
	i.							
	ii.							
	iii.							
c.	Living	g in your present neighbourhood, which is	he best	descriptio	on for you	ır current	satisfact	ion level?
		Extremely satisfied [ ] Very satisfied [ ] Quite satisfied [ ] Not really satisfied [ ] Not satisfied at all [ ] Don't know [ ]						
Q8.		lid you choose to live in this neig ibourhoos in arriving at your decision:	od ? Ple	ease asses	s the imp	oortance o	of the foll	owing
			Extremely Important.	Very Important.	Quite Important.	Not Really Important.	Not important. At All	Don't Know Not Considered
8.1 8.2 8.3 8.4 8.5 8.6	Near ' Near ' Near ' Near '	To Shopping Centres/Shops.  To Wet Market.  To Schools.  To Workplace.  To Bus Interchange.  To MRT Station.	[] [] [] []	[ ] [ ] [ ]	[ ] [ ] [ ]	[] [] []	[ ] [ ] [ ] [ ]	[] [] [] []
8.7	Senting neight since	mental Attachment to the bourhood e.g. have been staying here childhood; have lived for a long time.	[]	[]	[]	[]	[]	[]
8.8	Repu	tation/Status Of The Neighbourh od	[]	[]	[]	[]	[]	[]
8.9 8.10		rity Reason. r Reasons , Please State :	[]	[]	[ ]	[]	[]	[]
0.10			[]	[]	[]	[]	[]	[]
	•••••		[]	[]	[]	[]	[]	[]
	*****		[]	1.1	f 1	ſ ì	1.1	1.1

#### THE NEXT FOUR QUESTIONS CONCERN THE HOUSE IN WHICH YOU LIVE .

Q9a.	What are the	THREE (3) things which you	best	like a	bo	ut living	in th	is h	ouse?			
	i											
	ii											
	iii			• • • • • • • • • •	• • • •		• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •			
b.	What are the	THREE (3) things which you	ı leası	t like a	abo	out living	g in th	is I	house ?	,		
	i				•••							
	ii			• • • • • • • • •	• • • •				••••••			
	iii			• • • • • • • • • • • • • • • • • • • •	•••			••••	•••••			
C.	Living in you	r present house, which is he	best o	descrip	tic	on for yo	ur cui	rer	ıt satisf	act	tion level f	?
		Extremely satisfied Very satisfied Quite satisfied Not really satisfied Not satisfied at all Don't know	[]									
Q10.		oose your present house/d wel	ling?	Plea	se	assess th	ne imp	ort	ance of	th	e followin	ıg
												70
											ant	ere
				نے چ		7	4	<u>-</u> :	<u>≥</u> ⊱	<u>:</u>	orte	o §id
				Extremely Important.		rtal	e t	ā	ea ta	į	d =	Ϋ́
				tre Do	_	po de	Zui	3	# C	<u>.</u>	ئد ئ <del>د</del> ج ج	<del>بر</del> 5
				五百		\ <u>E</u>	0 4	Ξ	S E		Not Important. At All	Don't Know Not Considered
10.1	Near to Page	eational Facilities, e.g.		r	1	r 1		. 1	r	1	r 1	r 1
10.1		ool, tennis courts etc.		l	]	[]		[ ]	ι	]	[]	[]
10.2		restige attached to staying										
10.2	in this house			[	]	[]			[	}	[]	[ ]
10.3	to live in such	d And Fashion a house.		ſ	]	[]		[]	1	]	[]	[]
10.4	<u>Lifestyle</u> - It				•	( )		. ,	1	•		ı,
10 "		ve in such a house now.		[	]	[]		[ ]	[	Ì	[]	[]
10.5		reason, i.e. the house										
	break-in by re	sense of security against		r	]	[]		[]	ſ	1	[]	r 1
10.6		ong well with our		L	ı	LJ		L J	Į.	ı	ŧ. 1	[ ]
	neighbours.			[	]	[]		[]	[	]	[]	[]
10.7		e Relatives, e.g. Parents			]	[ ]				ĺ	ij	[]
•••		e Block Or Nearby)										
10.8		enery e.g. open space/greener	у.	[	]	[]			[		[]	[]
10.9		rby Buildings e.g. menta pices, morgue, religious buildi	ngs									
	petrol station		1160,	ſ	]	[]		[]	I	J	[]	[]
10.10	_				]	[]		 [ ]		]	[]	[]
	-			٠	,	. ,		. ,		,		
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		Extremely	Important.	Very Important. Quite	Important.	Not Really Important.	Not Important. At All	Don't Know Not Considered
10.11	Traffic Condition. ( near the house )		[]	[]	[]	[]	[]	[]
10.12	Quality of air.			[]	[]	[ ]	[]	[]
10.13	Noise (traffic, human, birds, etc.).			[]	[]	[]	[]	[]
10.14	<u>Daylighting</u> . (the house is bright)			[]	[]	[ ]	[]	[]
10.15	Ventilation.		[]	[]	[]	[]	[ ]	[]
10.16	Orientation of the house.			[]	[ ]	[]	[]	[]
10.17	Geomancy Considerations.		[]	[]	[]	[ ]	[]	[]
10.18	Flooding during monsoon seasons.			[]	[]	[]	[]	[]
10.19	The presence of <u>Aedes Mosquitoes</u> .			[]	[]	[]	[ ]	[]
10.20	Internal Layout		[]	[]	[]	[]	[ ]	[]
10.21	Quality of finishes. (e.g. wall plastering,							
	paint work, tiling etc.			[ ]			[]	[]
10.22	External Facade appearance/design.			[]		[]	[]	[]
10.23	Design for Ease Of Movement.							
	(for handicapped/old people/children)					[]	[]	[]
10.24	Design for Ease Of Maintenance.			[]		[]	[]	
10.25	Provision of Parking Space.		[]	[]	[]	[]	[]	[ ]
10.26	Structural Consideration.		r 1			f 1		
10.07	(e.g. building is certified by prof. engineer.)					[ ]	[]	[]
10.27	Privacy			[]			[]	
10.28	Age of the house.			[]	[]	[]	[]	[ ]
10.29	The potential Rental Value of the hous:		r 1	F 1	r 3			
10.20	(If you decide to rent it out in the future)		[]	[]	[ ]	[]	[]	[]
10.30	The <u>Price</u> of the house.		r 1	r a	6 3	r 1	f 1	
10.21	(The price you paid for this house.)		[]	[]	[]	[]	[]	[ ]
10.31	The ease of getting <u>Finance</u> for the		r 1	гз	r 1	r ı	r 1	ra
10.22	purchase of this house.		[]	[]	[]	[]	[]	[]
10.32	Other Reasons, Please State:		f 1	r 3		r 1		
	***************************************	••••	[]	[]	[]	[]	[]	[ ]
			r 1	r i	гэ			
	•••••••••••••••••••••••••••••••••••••••	••	[]	[]	[]	[]	[]	[]
		•••	[]	[]	[]	[]	[]	[]
Q11.	Have your household any intention of movin	g froi	n this	house at so	me ti	me in the	future?	
-	·							
	Y	ES:	[]	go to (	Q 12			
	N	O :	[]	go to (	Q 16			
Q12.	If yes, how much longer do your envisa je livin	ng at i	the ab	ove address	: ?			
		-						
	perhaps 1 to 2 years.	]						
	perhaps 3 to 5 years.	]						
	perhaps more than 5 years.	]	go t	o Q 13.				

survey3/UNE8/92

#### THE NEXT FOUR QUESTIONS ASF, ABOUT YOUR INVESTMENT PREFERENCES:

Q13.	Would you consider buying a 99 years lease hold property for your peronal housing needs if it is a brand new one and it suits your budget and lifestyle?
	Extremely likely [ ] Very likely [ ] Quite Likely [ ] Not really likely [ ] Not likely at all [ ] Don't know [ ]
	go to Q 14.
Q14.	Would you consider buying a 99 years case hold property with an unexpired term of less than 75 years for your personal housing needs after moving from your present house?
	Extremely likely [ ] Very likely [ ] Quite Likely [ ] Not really likely [ ] Not likely at all [ ] Don't know [ ]
	go to Q 15.
Q15.	With the present <b>HDB</b> upgrading programme and the current increase in price of your property ,would consider buying an HDB flat on the resale market for your personal housing needs and selling your existing property to realise capital appreciation gain. ?
	Extremely likely [ ] Very likely [ ] Quite Likely [ ] Not really likely [ ] Not likely at all [ ] Don't know [ ]
Q16.	Rank the following forms of <b>INVESTN ENT</b> in order of your personal preference: [1: most preferred
	SHARE & STOCK [ ] PROPERTY [ ] FIXED DEPOSIT ( BANK SAVING) [ ] GOLF CLUB [ ] FUTURE MARKET [ ] FOREIGN CURRENCIES [ ]

#### THE REMAINING QUESTIONS AS & SOMETHINGS ABOUT YOURSELF:

Q17.	Sex:	Male: [ ]		Female	:[]			
Q18.	Age:							
	under 25 25 - 35 36 - 45	[ ] [ ] [ ]		46 - 55 56 - 65 65 & ov	[ ] [ ] er [ ]			
Q19.	Marital Status :							
	Single Separated	[]	Mar ied Diverce		[]	Cohabiti Widowe		[]
Q20a.	Employment star	tus:						
	Manager/Admin Professional Semiprofessiona (e.g. Technologi Uniformed servi Businessman Home Duties (e.g. housewife/I	l st, nurse, teacher) ces			Clerk Sales Person Service person Retired Skilled Laboure Unskilled Labour Other		[ ] [ ] [ ] [ ] [ ]	
20b.	Employed in :	private sector	[]		public sector		[]	
Q21.	Number of mem	bers living at you	r pres :nt	address :				
	Children: 15 ye Children: aged Adults: age 2 Old people (abo	1 to 60 years		[ ] [ ] [ ]				
Q22a	Where were you	living before taki	ng up res	sidence at	this address?			
	Location /addres	ss:						
22b.	Type of housing	: Private House Private Condon HUDC HDB	niniu1 1/aj	partment	[ ] [ ] [ ]			
22c.	Nature of Occup	oancy: Owner-oo As Tena Living in	nt relaat ve'		[ ] [ ] [ ]			

)

Q23	Where are the places of work for members of your family?													
	Town area (CBD) [ ] Jurong Industrial estate [ ] Within your neigbourhood [ ] Others, please state : [ ]													
Q24.	Number of Cars in your household : [ ]													
Q25.	Number of income earners in your household: [ ]													
Q26.	Which income category best represent the gross annual income of your household (inclusive of bonus and profit and before tax )?  under \$ 24 000													
Q27.	Please add any comments you wish to n ake about your housing needs and preferences.													

# THANK YOU FOR YOUR PRECIOL S TIME AND YOUR CO-OPERATION

地	址: 大牌:		
	街名:	<b>#</b> \$	区:
1.	您与家人住在上述	地址有多久?	
	答案: 大约		
2.	您 的 房 屋 是 属 于:		
	公寓ノ私人房屋	ſ	]
	房地产(独立/半独	立 洋 房 ノ 排 屋 )	1
	店 屋	r ·	1
3.	您的房屋是在那层	楼 ?	
	1 楼	[] 12至20楼	[ ]
	2 至 6 楼	[] 21 楼以上	[ ]
	7 至 11 楼	[ ]	
4.	您的房屋有多大?		
	1200平方尺以下	[ ] 2001 至 3000	平方尺 []
	1201 至 2000 平 方 尺	[] 3001平方尺	以上 []
5.	您的房屋是属那类	契约?	
	永久地契	[ ]	
	99 年以上租契	[ ]	
	99年或以下租约	[ ]	
		•	

# 屋主间的调查 房屋/家庭调查 私人房屋

#### 先生/女士:

我们是新加坡理工学院建筑系的学生,目前正为第三年的毕业作业进行房屋调查·希望能获得您的支持,并请慎重的填写这份表格,您的资料将会被保秘。

当您在填写这份表格时,请注意以下几点:

- 1) 表格应该由屋主填写.如果是属于联名者,可商议后才做决定.
- 2) 大多数的问题只需:
  - i) 勾出您所选择的答案。如无其它指示,请只选择一个答案。
  - ii) 准确和清楚地做简短的回答·

若您有任何意见或提意,请在问卷后注明或写在一张白纸上联同问卷交给我们·

若有任何疑问,请联络以下任何一人。

朱秀鸾 HELEN CHOO SIEW LUAN TEL: 2508151

王晓慧 MARY ONG STAU HUI TEL: 2969331

黄丽霞 IRENE NG LI SIAH TEL: 4571239

在此感谢各位的支持与分作。

6а.	您的房屋	是在那一年	购买的? [19 )
<b>b</b> .	房屋的价	↑格 是:	
	\$200,000 0	下	[ ] \$600,000 至 \$800,000 [ ]
	\$200,000 至	\$400,000	[ ] \$800,000 至 \$1,000,000 [ ]
	\$ <b>400,000</b> <u>\$</u>	\$600,000	[ ] \$1,000,000以上 [ ]
	以下两个	· 问题与您的令	邻里有关。
7a .	请例出三	三样 您 最 喜 欢 自	的邻里事物.
	i		
	ii		
	iii		
7b.	请例出三	. 样 您 最 不 喜 R	欢的邻里事物。
)	i		
	ii		
	iii		
С.	您对现在	的居住环境的	的满意程度是:
	非常满意	; ( )	不满意
	很满意	t 1	非常不满意【】
			不知道「」
		•	

,

•

8. 您为何会选择住在这区? 请选择以下因素的重要性.

		<del>y</del>	-	重要	重要	一)没考虑
8.1	靠近购物中心/商后	ι	1 [ ]	[ ]	[ ]	[ ]
8.2	靠近菜市场	t 1 t	1 (1	[ ]	[ ]	[ ]
8.3	靠近学校	t 1 t	1 ( )	( )	[ ]	( )
8.4	靠近工作地点	[][	1 ( )	[ ]	[ ]	[ ]
8.5	靠近巴士转换站	[ ] [	1 [ ]	[ ]	[ ]	[ ]
8.6	靠近地铁站	1 ( 1	1 ( )	[ ]	[ ]	[ ]
8.7	特殊感情如:从小注此长大	1 1 1	1 [ ]	[ ]	<b>(</b> )	[ ]
	或住了很久					
8.8	邻里的名声	( ) (	1 ( )	[ ]	[ ]	( )
8.9	保安	[ ] [	<b>1</b> [ ]	[ ]	[ ]	[ ]
8.10	其他,请注明:	[][	3 [ ]	[ ]	[ ]	[ ]

不知

道

很重

**∰** 

非

重要

不是很重要

完全不重

9a .	请	例	出	您	最	喜	欢	房	屋	附	Ξ	样	事	物	
	:														
	ii.	·				, <u> </u>									
	iii	l													
<b>b</b> .	请	例	出	您	最	不	喜	欢	的	Ξ	样	事	物	•	
	i														
	11	•													
	i i	i								_					
c.	您	对	现	在	居	住	的	房	屋	的	满	意	程	度	是:
	非	常	满	意									ľ	}	
	很	满	意										ľ	1	
	满	意											t	1	
	不	满	意										ι	)	
	非	常	不	满	意								ľ	3	
	不	知	道	•									ľ	}	

以下四个问题与您的邻里有关。

10. 您为何会选择所居住的房屋?请选择以下因素的重要性。

													1	<b>ド常重要</b>	2	<b>浪重要</b>		重要		不是艮重要	A:	完全不重要	)	不知道ノ考志
10.1	<b>靠</b> 如						永 池	等					ľ	1	ľ	}	Į.	)	ľ	)	ĩ	1	ſ	
10.2	住	在	此	屋	的	身	份多	東征					ľ	3	ľ	)	[	1	ľ	3	ľ	1	ľ	)
10.3	现	在	流	行	住	在	这多	关户	: 盾	Ē			I	]	ľ	)	ſ	}	ĺ	3	ľ	3	ľ	)
10.4	房	屋	迎	合	我	的	生?	舌テ	: च	ţ			[	)	[	)	I	)	[	]	ſ	)	ſ	]
10.5	保	安	因	素	( )	有多	安全	感	)				Į	)	Į	3	ľ	1	Į	}	Į.	)	ſ	}
10.6	能	与	\$\$	居	和	睦	相多	Ŀ					ť	}	ľ	3	ľ	3	(	3	[	3	[	1
10.7	与	亲	人	相	近	<b>:</b> [	司座	皷	附	近	)		t	)	[	3	ľ	)	ĺ	]	<b>E</b>	)	ſ	)
10.8	风	景	如	:	贮	野	ノ草	地					ι	3	ſ	1	ľ	}	[	3	ſ	3	ſ	]
10.9	附	近	的	建	筑	如	: 医	院	,	油	站		ľ	3	Į	)	ſ	3	Į.	)	ľ	3	ľ	]
10.10	靠	近	私	人	住	宅	$\boxtimes$						[	]	ſ	}	Ĩ.	}	[	)	ľ	)	I	)
10.11	交	通	情	况									Į	)	ľ	}	ľ	)	ĺ	)	E	}	ľ	)
10.12	空	气	清	洁	程	度							ť	]	(	3	C	]	ſ	1	C	3	[	]
10.13	杂	声	( )	交	通	, 7	禽	)					[	}	[	}	τ	)	ſ	3	[	)	Į	)
10.14	光	线											ſ	1	ľ	)	t	]	ľ	]	ť	3	ι	)
10.15	空	气	流	通	程	度							1	( )		( )	•	[ ]	1	( )	ı	( )	!	[ ]
10.16	房	屋	的	东	方	色	彩							( )		[ ]	)	( )	ļ	( )	!	( )	1	[ ]
10.17	风	水											1	[ ]		[ ]	1	( )	l	[ ]	1	[ ]		

非常重要 不是很重要 不是很重要 不是很重要

										7,0	^
10.18 淹 水 程 度	[ ]	1	)	[	)	ľ	)	[	3	ľ	}
10.19 依 蚊 的 存 在	[ ]	1 (	]	ſ	)	(	1	[	]	t	]
10.26 室内设计	[ ]	1	1	ľ	)	ľ	3	t	)	ľ	)
10.21 装修质量	<b>(</b> )	) [	]	ĺ	1	ľ	)	ľ	3	(	]
10.22 房屋外观	[ ]		1	[	3	E	3	[	)	ſ	}
19.23 方 便 行 动 的 设 计	[ ]	1	3	ľ	1	Į.	3	Į	}	E	3
10.24 保养简单	<b>f</b> 3		1	ľ	3	ľ	3	Ţ	3	ſ	)
18.25 泊 车 方 便	[ ]	) [	)	Į	)	ľ	)	Į	)	ſ	)
10.26 建筑构造	[ ]	1	. 1	[	}	ľ	]	ŧ	)	£	]
10.27 隐 私 权	[ ]	) [	}	Į.	)	ľ	)	ľ	)	[	)
10.28 房屋年龄	<b>t</b> ]	1	]	ſ	3	ι	)	t	3	ſ	]
10.29 可赚取理想租金	<b>t</b> ]	1	3	ľ	1	ľ	)	ľ	3	[	}
10.30 房屋价格(您所付的)	[ ]	) (	]	ſ	3	t	3	ſ	)	ſ	3
10.31 货款方便(为购此歷)	[ ]	1 (	]	ι	3	ľ	3	ľ	]	[	)
10.32 其 他,请 注 明:	<b>(</b> )	1	}	ŧ	}	ľ	3	£	1	[	}

	您是否打算在不是 [ ] 否 [ ] 否 并是,您打算在: 大概1-2: 大概3-5:		第 12 题 第 16 题 久?	起作答		
	多 过 5 年	t	1			
	以下的四个问题	医与您的	<b>丁投资</b> 有	<b>手</b> 关:		
13.	您是否会考虑购	买准您	的能力	范围内而	又适合怎	密的生活方
	的全新99年租契	产业 (化 ?				
	非常有可能	[ I	不大有	可能	[ ]	
	很有可能	E 1	完全不	可能	[ ]	
	有可能	£ 1	不知道		[ ]	
4.4	<i>你</i> 日 丁 人 武 赤 剛	ਰਾ ਸ਼ਿ	T Ø 24	TC 年 老 A	θη αα Æ	
14.	您是否会考虑购	<b>火一</b> 间	个多以	70 平 对 印	的刀干	
	租契产业作为您	的新居	?			
	非常有可能	[ ]	不大有	可能	[ ]	
	很有可能	[ ]	完全不	可能	[ ]	
	有 可 能	[ ]	不知道		[ ]	

15.	随	着	现	在	的	组	屋	副	新	计	划	及	您	的	产	业	价	值	不	断	增	DO	,	您	숲	否
	考	虑	从	组	屋	转	售	तों	场	K	买	政	府	组	屋	并	享	受	你	的	社	业	增	值	?	
	مال	حلد	-4-4	=7	ΔV				•		-7-	ملہ	<del></del>	ন	4K.				r	)						
														可												
	很	有	可	能				ľ	)		完	全	不	可	能				[	)						
	有	可	能					ľ	}		不	知	道						Ţ	)						
16.	洼	14	75	Бil	ħι	<del>2</del> 2	123	ᄼ	i	吉	<del>አ</del> ጄ	鉪	Æ	## ##	夕.											
10.															П	•										
	ľ	1 :	嚴	喜	欢	• •		. 6	:	最	个		火	}												
					股	票								[	}											
					地	<del>pàr</del>								ſ	)											
					定	期	存	款	ָּנ	银	行	3		ľ	)											
					高	尔	夫	球	<b>(</b> []	乐	语:	,		ľ	1											
					外	· 汇								ι	]											
					#	来	市	场						l	)											
	接	下	*	的	वि	題	į <u>–</u>	扩色	i ei	] 本	: 身	有	· 关													
17.	性	别	j	:			<u>!</u>	男	ľ	]	1		女		ŗ.	)										
18.	4	. W	?	•																						
	25	多多	じ	人下	-			ľ	1			46	至	55	岁	1	[	)								
	2:	5 3	<u>3</u> 3:	5 3	;			ľ	3			56	至	65	岁	1	[	1								
	4	5 Z	ā <b>4</b>	5 ¥				ſ	1			6Š	岁	DI.	۲		[	}								

19.	婚姻状	况:					
	单身	[ ]	已婚	ľ	]	同居	[ ]
	离异	[ ]	离婚	ľ	]	丧偶	( )
20a.	就业状	况:					
	经理人	行政人员	ľ	1		文员	[ ]
	专业人	<b>±</b>	ſ	]		售货员	( )
	半专业	人士	ľ	]		服务人员	[ ]
	制服人	员	ſ	· <b>]</b>		退休人士	[ ]
	生意人	/商人	ŧ	)		技工	[ ]
	家庭主	妇/丈夫		]		普通工人	[ ]
	其他		ľ	)			
2 <b>9</b> b.	就业于	:					
	私人机	构	ſ	]		政府机构	[ ]
21.	家里现	有的居1	住人 独				
	小孩					ι	3
	成年人	(六十岁	及以	下)		τ	3
	老年人						. 1
		•					

	22a .	您在这之前是住	在哪里?		
		地 址			
	22b.	以上房屋是属于	· :		
		私人房屋	[ ]	入息公寓	[ ]
		政府组屋	[ ]	政 府 组 屋	[ ]
		私人公寓	[ ]		
	<b>22</b> c.	以上房屋的拥有	「性质:		
		屋主	[ ]	寄宿	[ ]
		租户	t 1	其他,请注明	ι )
,)					
	23.	您工作的地点是	: 在:		
		邻 里	[ ]	तां ⊠	[ ]
		其他,请注明	[ ]	裕朗工业区	[ ]
	24				
	<b>.4</b> .	家中的车子数量	<u>.</u> t J		
	25.	家中收入者人数	χ ι ι		

The state of the s

26.	府上一年内的总收入(包	括	花红	•	利润	及	激	稅	削	)	有	<del>₹</del> .	少	?
	(您可选择不做答)													
	\$ 24,000 以下	[ ]	)											
	\$ 24,000 致 \$ 48,000	( )	1											
	\$ 48,000 致 \$ 72,000	[ ]	1											
	\$ 72,000 致 \$ 100,000	[	1											
	\$100,000 以上	ľ	]											
27.	您对家居有何需要及意见	1 ?	?											

# 谢谢

## **APPENDIX 2**

Tabulation of Data

# Appendix 2

## Data Analysis: Tables, Rank ng

#### Q1 Number of years living in the house

	- · <b>,</b>			Valid	Cum
Value Label	Frequency	Percen	it	Percent	Percent
.10	1	. 6		.6	.6
.15	1	. 6		.6	1.1
.25	1	. 6		.6	1.7
.50	6	3.3		3.3	5.0
.70	1	. 6		.6	5.6
1.00	13	7 2		7.2	12.8
1.50	4	2 2		2.2	15.0
1,75	1	. 6		.6	15.6
2.00	17	9.4		9.4	25.0
2.50	4	2.2		2.2	27.2
3.00	7	3.9		3.9	31.1
3.50	1	. 15		.6	31.7
3.80	1	· 15		.6	32.2
4.00	15	8.3		9.3	40.6
4.50	3	1.7		1.7	42.2
5.00	14	7.8		7.8	50.0
5.50	1	. 5		.6	50.6
6.00	19	10.6		10.6	61.1
7.00	19	10.6		10.6	71.7
8.00	11	6.1		6.1	77.8
9.00	2	1.1		1.1	78.9
10.00	9	5.0		5.0	83.9
11.00	2	1.1		1.1	85.0
12.00	3	1.7		1.7	86.7
13.00	3	1.7		1.7	88.3
14.00	1	.6		.6	88.9
15.00	3	1.7		1.7	90.6
17.00	1	.6		.6	91.1
18.00	1	. 6		.6	91.7
20.00	3	1.7		1.7	93.3
23.00	2	1.1		1.1	94.4
24.00	1	. Є		.6	95.0
25.00	5	2.8		2.9	97.8
30.00	1	. 6		.6	98.3
40.00	1	. 6		.6	98.9
44.00	1	.6		.6	99.4
60.00	1	. 6		.6	100.0
Total	180	100.0	100.0		
Mean 7.274	Sum		1309.2	250	
Valid cases	180	Missir	ig case		0
TALLA CADOD		1.1.0011	- 5 Just		-

#### Q2 House Type Of House

Value Label	Value	Frequency	Percent
Condo / pte L' ppty	1 2	1(1 75	56.1 43.9
	Total	110	100.0

#### Q3 Floor Level

Value Label Ground floor 1 st to 5 th floor 6th to 10th floor 11th to 20th floor	F.:equency 2:: 4   2   1	Percent 12.2 24.4 13.9 5.6
Landed Properties.	7 )	43.9

Total 180 100.0

#### Q4. Floor Area

				Valid	Cum
Value Label	Value	Frequency	Percent	Percent	Percent
Below 1200 sq ft	1	10	5.6	5.7	5 <b>.</b> 7
1201 to 2000 sq ft	2	92	51.1	52.6	58.3
2001 to 3000 sq ft	3	55	30.6	31.4	89.7
Above 3000 sq ft	4	18	10.0	10.3	100.0
-	5	2.8	Missing		

Total 180 100.0 100.0

#### Q5 Tenure

ŧ

Value Label	Value	Frequer cy	Percent	Valid Percent	Cum Percent
Freehold	1	119	€6.1	66.9	6.9
Leasehold over 99 yr Leasehold 99 yrs or Under	2	37	20.6	20.8	87.6
	3	22	12.2	12.4	100.0
	2	1.1	Missing		
	Total	180	100.0	100.0	

#### Q6a Year of Purchase

Walna	Frequency	Burgont	Valid	Cum
Value	Frequency	Percent	Percent	
49	1	. 6	.6	.6
53	1	. 6	.6	1.1
30	1	.6	.6	1.7
67	1	.6	.6	2.2
68	3	1.7	1.7	3.9
69	1	.6	.6	4.5
70	3	1.7	1.7	6.2
71	1	. 6	.6	6.7
73	2	1.1	1.1	7.9
74	1	.6	. 6	8.4
75	1	.6	.6	9.0
76	1	.6	.6	9.6
78	6	3.3	3.4	12.9
79	1	.6	.6	13.5
80	2	1.1	1.1	14.6
81	2	1.1	1.1	15.7
82	4	2.2	2.2	18.0
83	6 7	3.3	3.4	21.3
8 <b>4</b> 85		3.9	3.9 7.9	25.3
86	14 19	7.8 10.6	10.7	33.1 43.8
87	13	7.2	7.3	51.1
88	15 15	6.3	8.4	59.6
89	18	10.0	10.1	69.7
90	11	6.1	6.2	75.8
91	17	9.4	9.6	85.4
92	8	4.4	4.5	89.9
93	15	8.3	8.4	98.3
94	3	1.7	1.7	100.0
•	2	1.1	Missing	
Total	180	100.0	100.0	

Valid cases 178 Missing cases 2

#### Q6b Purchase Price of the Properties

Value Label Below \$ 200k \$ 200k \$ 400k \$ 600k \$ 800k Above	to to to to \$ 1	\$ 4001 \$ 6001 \$ 8001 \$ 1	ς.	en :y 2   5   3   7   4	Percent 13.3 32.2 25.7 19.4 3.9 2.2 2.2	Valid Percent 13.6 33.0 27.3 19.9 4.0 2.3 Missing	Cum Percent 13.6 46.6 73.9 93.8 97.7 100.0
Mean			Total 2.744	_	100.0	100.0 483.000	
Valid	cases			176	Missi	ng cases	4

#### Q11 Intention Of Moving

Value no yes	Label	Value 0 1		Frequency 111 69	Percer 61.7 38.3	nt	Valid Percent 61.7 38.3	Cum Percent 61.7 100.0
			Total	180	100.0		100.0	
	Mean	.383		Sum		69.00	0	
Valid	cases 180		Missi	nç cases		Û		

#### Q12 Duration Envisaged Living In The Present Home Before Moving

phaps phaps	Label 1 to 2 yrs 3 to 5 yrs after 5 yrs		Value 1 2 3 122	Frequency 22 19 17 (7.8 Missi	Percent 12.2 10.6 9.4	Valid Percent 37.9 32.8 29.3	Cum Percent 37.9 70.7 100.0
Mean	1.914 Sum	Total	180 111.0	200.0 100.0			
Valid	cases 58		Missi	nç cases	122		

#### Q13 Likelihood Of Investirg In 99 Years Leasehold Properties

				Valid	Cum
Value Label	Value	F: equency	Percent	Percent	Percent
Extremely likely	1	5	2.8	7.5	7.5
Very likely	2	1:	6.1	16.4	23.9
Quite likely	3	15	8.3	22.4	46.3
Not really likely	4	19	10.6	28.4	74.6
Not likely at all	5	1''	9.4	25.4	100.0
		1 .3	62.8	Missing	

Total 180 1)0.0 100.0

Mean 3.478 S m 233.000

Valid cases 67 Missing cases 113

#### Q14 Inv In 75 Yrs Term

		*			Valid	Cum
Value Label		Value	Frequency	Percent	Percent	Percent
Very likely		2	4	2.2	5.8	5.8
Quite likely		3	4	2.2	5.8	11.6
Not really likely		4	21	11.7	30.4	42.0
Not likely at all		5	39	21.7	56.5	98.6
Don't know		6	1	. 6	1.4	100.0
	•	111	€1.7	Missing		

Total 180 100.0 100.0

Mean 4.420 Sum 305.000

Valid cases 69 Missing cases 111

#### Q15 Inv In Hdb Flat

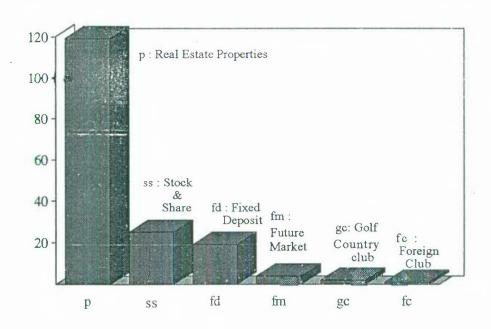
				Valid	Cum
Value Label	Value	Frequency	Percent	Percent	Percent
Extremely likely	1	1	. 6	1.5	1.5
Very likely	2	<u>c</u>	5.0	13.2	14.7
Quite likely	3	20	11.1	29.4	44.1
Not really likely	4	17	9.4	25.0	69.1
Not likely at all	5	2 1	11.7	30.9	100.0
	•	112	62.2	Missing	
	Total 180	100.0 100.0			

Mean 3.706 Sum 252.000

Valid cases 68 Missing cases 112

Q16: Investment Ranking

Ranking	р	SS	fd	fm	gc	fc	total
1	119	25	19	4	2	1	170
2	32	66	47	2	10	9	166
3	10	39	60	10	26	20	165
4	4	17	15	36	41	43	156
5	2	11	13	60	23	47	156
6	2	5	10	46	58	36	157
total	<b>16</b> 9	163	164	158	160	156	



Charts showing the order of ranking for Investment Preferences.

Numbers indicate the number of respondents voting each item as first choice for their investment preferences.

#### Q17 Sex

Q17 sex				Valid	Cum
Label	Value	Frequency	Percent	Percent	Percent.
male	1	117	65.9	65.0	65.0
female	2	63	35.0	35.0	100.0
	Total	180	100.0	100.0	

Valid cases 180 Missing cases 0

#### Q18 Age

220	mye.					
					Valid	Cum
Value	Label	Value	Frequency	Percent	Percent	Percent
under	35	1	1)6	58.9	59.2	59.2
	36 45	2	4 3	27.2	27.4	86.6
	46 55	3	23	12.8	12.8	99.4
	56 € over	4	1	.6	.6	100.0
		•	1	.6 Missi	ng	
	Total	180	130.0	100.0	-	

Mean 1.547

Valid cases 179 Missing cases 1

#### Q19 Marital Status

				Valid	Cum
Value Label	Value	Frequency	Percent	Percent	Percent
Single	1	21	11.7	11.7	11.7
Married	2	155	86.1	86.1	97.8
Cohabiting	3	1	. 6	.6	98.3
Divorced	5	1	.6	.6	98.9
Widowed	6	Ž.	1.1	1.1	100.0
	Total	180	100.0	100.0	

Valid cases 180 Missing cases 0

#### Ω20a Emp\_Stat

				Valid	Cum
Value Label	Value	Frequer.cy	Fercent	Percent	Percent
Man/Adm & Prof	1	94	52.2	52.8	52.8
Semipro & Uniform	2	11	6.1	6.2	59.0
Business/Trade	3	25	13.9	14.0	73.0
Home Duties	4	23	12.9	12.9	86.0
Retired	5	5	28	2.8	88.8
Others	6	20	11.1	11.2	100.0
		2	1.1 Miss	ing	
	Total	180	100.0 100.	0	

Valid cases 178 Missing cases 2

#### Q20b Employed in

Value Label Private Sector Public Sector	Value 1 2 Total	Frequency 109 42 29 180	Percent 60.6 23.3 16.1 100.0	Valid Percent 72.2 27.8 Missing 100.0	Cum Percent 72.2 100.0
Valid ca <b>s</b> es		151	Missing cas	es	29

#### Q21 No. member living

						Valid	Cum
Value	Label	Frequer	лсу	Percen	ıt	Percent	Percent
	1	1		. 6		.6	.6
	2	2	22	12.2		12.3	12.8
	3	2	25	13.9		14.0	26.8
	4	3	32	17.8		17.9	44-7
	5	E	52	28.9		29.1	73.7
	6	2	27	15.0		15.1	88.8
	7	1	12	6.7		6.7	95.5
	8		5	2.8		2.8	98.3
	9	2	2	1.1		1.1	99.4
	10	1	L	. 6		.6	100.0
	•	1	L	. 6	Missir	ng	
		Total 1	L80	100.0	100.0		
Mean		4.592 \$	Sum		822.00	00	

Valid cases 179 Missing cases 1

Q21a Children

_				Valid	
Value Label	Value	Frequency	Percent	Percent	
	0	4 7	26.1	26.3	
	1	19	10.6	10.6	
	2	65	36.7	36 9	

26.3 36.9 

 36.7
 36.9

 21.1
 21.2

 2.8
 2.8

 73.7 33 95.0 5 2.8 97.8 1.7 99.4 3 .6 .6 Missing 6 1 100.0 1

Total 180 100.0 100.0 1.709 Sum 306.000 179 Missing cases 1 Mean Valid cases

Cum

Percent

#### Q21b Number of Adults Living

d Cum
ent Percent
5.6
12.3
57.5
81.6
88.8
97.8
99.4
100.0
ing
I

Total 180 100.0 100.0

Mean 2.570 Sum 460.000

Valid cases 179 Missing cases 1

#### Q21D Old Persons

QZID OIG FELSONS						
					Valid	Cum
Value Label	Value		Frequency	Percent	Percent	Percent
no old person	0		135	75.0	75.4	75.4
-	1		4 :	24.4	24.6	100.0
1			1	.6	Missing	
			Total 180	100	0 100.0	
Moan	.246	Sum	10cal 100	44.000	3 100.0	
Mean						
Valid cases		179	Mi.ss	ing cases	1	

#### Q22b Type of Housing Prior to living in present house.

Value Label	Value		Freque	ency	Percent	Valid Percent	Cum Percent
Private House	1		53		32.2	33.7	33.7
Private Condo							
/Apartm	2		3 7		20.6	21.5	55.2
HUDC	3		7		3.9	4.1	59.3
HDB	4		7 )		38.9	40.7	100.0
	•		8		4.4	Missing	
		Total	130		100.0	100.0	
Valid case:	S	172		Missi	ng cases	8	

#### Q22c Nature of Occupancy

				Valid	Cum
Value Label	Value	P. equency	Percent	Percent	Percent
Owner-occupiers	1	18	76.7	80.2	80.2
As Tenant	2	211	11.1	11.6	91.9
Live in					
Relative's h	3	7	3.9	4.1	95.9
other	4	7	3.9	4.1	100.0
	·	3	4.4	Missing	

Total 130 100.0 100.0

Valid cases 172 Missing cases 8

#### Q23 Places of employment

_				Valid	Cum
Value Label	Value	Frequency	Percent	Percent	Percent
Town Area ( CDB )	1	4 7	26.1	29.6	29.6
Jurong Estate Within your	2	2 1	13.3	15.1	44.7
neighbou	3	23	15.6	17.6	62.3
other	4	60	33.3	37.7	100.0
	•	21	11.7	Missing	
	Total	180	100.0 100.0		

Valid cases 159 Missing cases 21

#### Q24 Number of Cars

ł

Value Label no car one car two cars three cars	Value 0 1 2 3 4 Total	Frequency 12 115 39 8 6	Percent 6.7 63.9 21.7 4.4 3.3 100.0	Valid Percent 6.7 63.9 21.7 4.4 3.3 100.0	Cum Percent 6.7 70.6 92.2 96.7 100.0
Mean	1.339 Sum		241.000		
Valid cases	180	Nissing case	es	0	

Q25 Number	o£	Income	earners
------------	----	--------	---------

				Valid	Cum
Value Label	Value	Frequenc/	Percent	Percent	Percent
one	1	50	27.8	27.8	27.8
two	2	94	52.2	52.2	80.0
three & more	3	22	12.2	12.2	92.2
	4	10	5.6	5.6	97.8
	5	3	1.7	1.7	99.4
	6	1	. 6	.6	100.0
	Total	180	100.0	100.0	
Mean	2.028	Sum	365	.000	

#### Q26 General Income Group

Value Label	Value		Frequ	ency	Percent	Valid Perce		Cum Percent
under \$48000 \$ 48 000 to	1		21		11.7	14.2	14.2	
\$ 100000	2		8 1		46.7	56.8	70.9	
over \$ 100000	3		4 3		23.9	29.1	100.0	
			32		17.8	Missi	ng	
	7	Total	130		100.0	100.0		
Valid cases	. :	148		Missi	ng cases		32	

Diagrams of Different Housing Forms

# **LANDED HOUSING**



Figure A3-1 Double Storey Detached Bungalow (Courtesy of: Leisure Farm Corporation Sdn. Bhd. 1995)



Figure A3-2 Double Storey Terrace House



Figure A3-3 Double Storey Semi-Detached House

(Courtesy of : Singapore United Estates Pte Ltd. 1994)

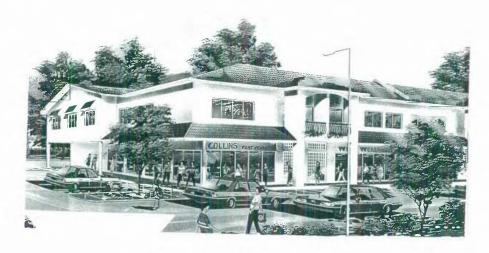


Figure A3-7 Typical Shop Houses
(Courtesy of : Panoramic Housing Development Sdn Bhd.. 1994)

# **LANDED HOUSING**

(Courtesy of : Panoramic Housing Development Sdn Bhd.. 1994)



Figure A3-4 Double Storey Terrace House



Figure A3-5 Single Storey Semi-Detached House

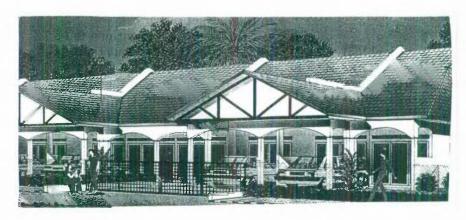


Figure A3-6 Single Storey Terrace House

## **NEW FORM OF HOUSING**



Sungrove : Clustered Housing along West Coast Road Picture : By the author (1998)

Figure A3-8 Clustered Housing



Waterfront Housing along the Kallang River Picture : By the author (1998)

Figure A3-9 Waterfront Housing

# **CONDOMINIUM HOUSING**



Yong An Park along River Road Source: Riverview Development Pte Ltd

Figure A3-10 Condominium Housing (Apartments)



Rainbow Gardens along Toh Tuck Road Picture : By the author (1995)

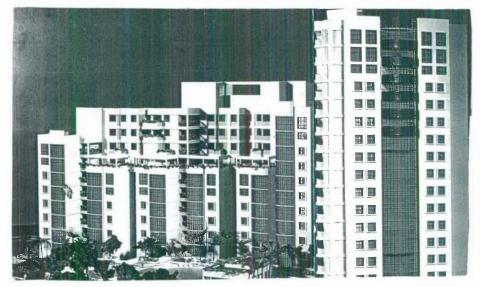
Figure A3-11 Condominium Housing (Maisonettes)

### MIDDLE INCOME HOUSING



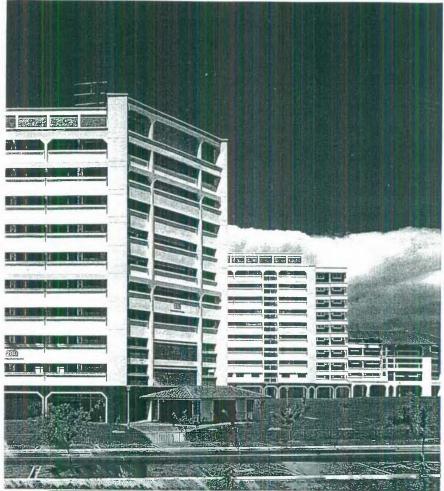
The picture (taken by the author) shows the Pine Grove HUDC estate. It is one of first HUDC estates to be privatised. A Land Titles Strata (Amendment) Bill was introduced on the 27th May 95 in Parliament as a first step towards privatising HUDC estates. The Bill aimed at providing a legal framework for converting the flats' leases to strata titles in designated HUDC estates. Upon conversion, the HUDC lessees would own their respective strata units as well the common property as tenants-in-common (William, 1995a: 40).

Figure A3-12 HUDC Housing (Step Housing)
Picture: By the author (1995)



Artist's impression of Westmere, one of the first two executive condominiums to be built by Government related company, Pidemco. Westmere is in Jurong, the western part of Singapore. The Executive Condominium Scheme is prescribed under the Executive Condominium Scheme Act 1996 (Pidemcio Land (S) Pte Ltd.).

Figure A3-13 Executive Condominiums



Bukit Batok Neighbourhood 2 Centre



Figure A3-14 Public (HDB) Housing

Besides the massive construction programme, the Board's scope of activities also includes intensive development of social and recreational projects to enhance the quality of the living environment in its housing estates.



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