

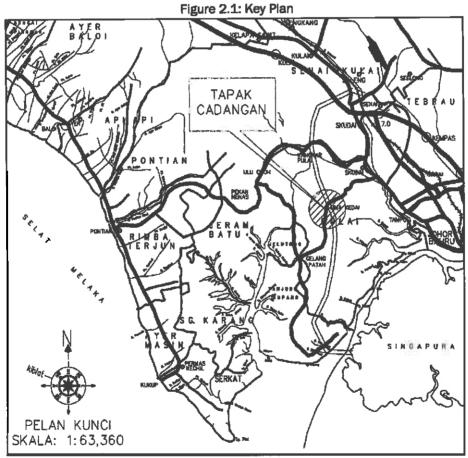
CHAPTER 2.0 PROJECT DESCRIPTION

2.1 INTRODUCTION

This chapter will describe in general the proposed development project and its related activities. It includes the description of the project locality and setting, concept and components, project option and implementation schedule.

2.2 PROJECT LOCATION

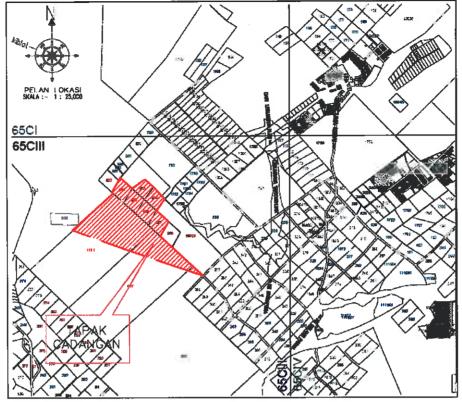
Firstwide Plus Sdn Bhd act as project proponent for this project and plan to develop mixed development (housing and commercial) with other facilities and infrastructure. This development will cover an area 160.18 acres or 64.82 hectares which located on Lot 663, Lot 664, Lot 804 – Lot 807, Lot 1114, Lot 917 & Lot 920, Mukim Pulai, Johor Bahru. Existing land use of proposed site consists of oil palm plantation, shrub, bushes, secondary forest and including a part of Bukit Resam. Generally, this proposed site is surrounded by Setia Eco Garden (north west) and Nusa Bayu residential (south) of the proposed site. Other than that, the exisiting delopment have been identified such as industrial, commercial, housing, school, infrastructure and utilities where located at surrounding of proposed development. The coordinates for this development lies between approximately N 1° 29′ 9.09″ E 103°35′20.84″, N 1°29′ 30.55′ E 103° 35′ 39.32″, N 1° 29′ 18.30″ E 103° 35′ 52.33″ and N 1°28′ 53.45″ E 103°36′ 10.19. The proposed site within the jurisdiction of the Majlis Perbandaran Johor Bahru Tengah (MPJBT).



Source: Extrated from Drawing No.MRC/MPJBT/FPSB/KM/2013 (01) by Mega Rancang, 2013







Source: Extrated from Drawing No.MRC/MPJBT/FPSB/KM/2013 (01) by Mega Rancang, 2013





Source: Google Earth, 2013.

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2.3 PROJECT OPTION

The project proponent has two options available either to proceed to of the proposed project or maintaining the existing site area.

Mixed Development (Housing and Commercial Development)

This option related to proposed mixed development which mainly focusing on housing, low cost housing, commercial development, open space, facilities and infrastructure utilities. All components are supporting each other to provide needs for the centre community for this development.

At the same time, the environmental quality of proposed project and its surrounding has been considered for the whole project development concept. If this choice is implemented perfectly, it will increase its natural quality within the vicinity of the areas in the future. At the same time, implementation, planning and management must be carefully emphasized to ensure proper development. This is including proper planning, implementation and management on surface runoff which may affect the potential of erosion, flood, ecology and socio-economic interference. However, project developer must ensure such impact can be tackled.

2.4 THE "NO PROJECT" OPTION

Second option is to maintain the existing land use of proposed site on Lot 663, Lot 664, Lot 804 – Lot 807, Lot 1114, Lot 917 & Lot 920 at Mukim Pulai, Johor Bahru. Although this option maintains the existing land use of proposed site consists of oil palm plantation, shrub, bushes, secondary forest and including part of Bukit Resam. thus reducing the potential of negative impacts to the environment, other beneficial impacts towards the economics of the surrounding environment will not be expected.

In conclusion, to retain the existing land use is not economically viable. This is because no profitable for developer. The housing and commercial development must also take into account all aspects with regard to socio-economic and environment as well. As such, to develop areas that benefit too many parties and maximize land return, the first option is more relevant.

2.5 THE PROJECT CONCEPT

In general, proposed project concept involves of mixed development (housing, low cost housing, commercial development, facilities, open space, facilities and infrastructure utilities) cover an area of **160.18** acres or **64.82** hectares. This proposed development consist 75.00 acres (46.82%) of housing development including low cost and another 25.93 acres (16.19%) is for commercial development.

Table 2.1: Component Development, 2013

Komponen Pembangunan	Plot	Unit	%	Ekar	%
PERUMAHAN					
Perumahan Strata Rumah Berkembar (40'x80')	2	260	28.89	42.50	26.53
Perumahan Strata Rumah Teres (22' x 75')	1	280	31.11	20.90	13.05
Jumlah Kecil Perumahan Kos Biasa	3	540	60.00	63.40	39.58
PERUMAHAN KOS RENDAH					
Perumahan Mampu Milik Johor (RMMJ)	1	180	20.00	5.37	3.35
Perumahan Komuniti Johor (Pkj A)	1	45	5.00	1.00	0.62
Perumahan Komuniti Johor (Pkj B)	1	90	10.00	1.20	0.75
Kedai Kos Sederhana	3	45	5.00	4.03	2.52
Jumlah Kecil Perumahan Kos Rendah	6	360	40.00	11.60	7.24
Jumlah Keseluruhan Perumahan Kos Biasa +	9	900	100.00	75.00	46.82
Kos Rendah				_	
		<u>.</u>			
PERDAGANGAN					
Plot Perdagangan (Kompleks Perniagaan/Kedai Pejabat)	1	-	-	13.86	8.65

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Komponen Pembangunan	Plot	Unit	%	Ekar	%
Plot Perdagangan (Pangsapuri Perkhidmatan)	2	-	-	12.07	7.54
Jumlah kecil	3	0	-	25.93	16.19
Jumlah Keseluruhan Komponen A	15	900	-	100.93	63.01
KAWASAN LAPANG					
Kawasan Lapang	11	-	_	18.85	11.77
Jumlah	11	0	-	18.85	11.77
KEMUDAHAN MASYARAKAT					_
Tadika	-	1	_	0.25	0.16
Dewan Serbaguna	-	1	-	0.86	0.54
Surau	-	1	-	0.80	0.50
Klinik	-	1	-	0.73	0.46
Jumlah Kecil	0	4	-	2.64	1.65
INFRASTRUKTUR & UTILITI	<u> </u>				_
Pencawang Pembahagi Utama (PPU)	-	1	-	0.35	0.22
Pencawang Elektrik (55' x 50')	-	2	-	0.05	0.03
Rizab Parit Utama	-	-	-	5.98	3.73
Rizab Utiliti	-	-	-	4.36	2.72
Tangki Air	1	-	-	2.55	1.59
Kolam Takungan Banjir	4	-	-	6.53	4.08
Loji Rawatan Kumbahan (STP)	1	-	-	3.96	2.47
Rizab Jalan	-	-	-	13.98	8.73
Jumlah	6	3	-	37.76	23.57
JUMLAH KESELURUHAN KOMPONEN B	17	7	-	59.25	36.99
JUMLAH KESELURUHAN KOMPONEN A + KOMPONEN B	32	907	-	160.18	100.00

Source: Extract from Drawing No.MRC/MPJBT/FPSB/KM/2013 (01) by Mega Rancang, 2013 (Refer Appendix D: Component Development Plan)

Detail Component Development

a) Housing Development (Housing & Low Cost Housing) - 75.00 acres (46.82%)

The project proponent plan to develop housing development including low cost housing which cover total area of 75.00 acres (46.82%) from overall development. The proposed housing including strata housing (semi detached and terrace), RMMJ, Johor Community (Package A & B) and medium cost shop with overall total 900 unit. It shows that this development will be the main residential within Mukim Pulai and Johor Bahru area.

b) Commercial Development - 25.93 (16.19%)

The commercial component includes commercial plot (13.86 acres) and service apartment (12.07 acres). The total area for commercial development is 25.93 acres (16.19%) including above type of commercial from overall development.

c) Open Space - 18.85 acres (11.77%)

For open space cover an area of 18.85 acres (11.77%) for this proposed development. Open space is to provide the comfort and balance in term of green development by applying the softscape and hardscape.

d) Facilities Development - 2.64 acres (1.65%)

The facilities such as kindergarten, multipurpose hall, prayer room and clinic cover an area of 2.64 acres (1.645) from overall development.

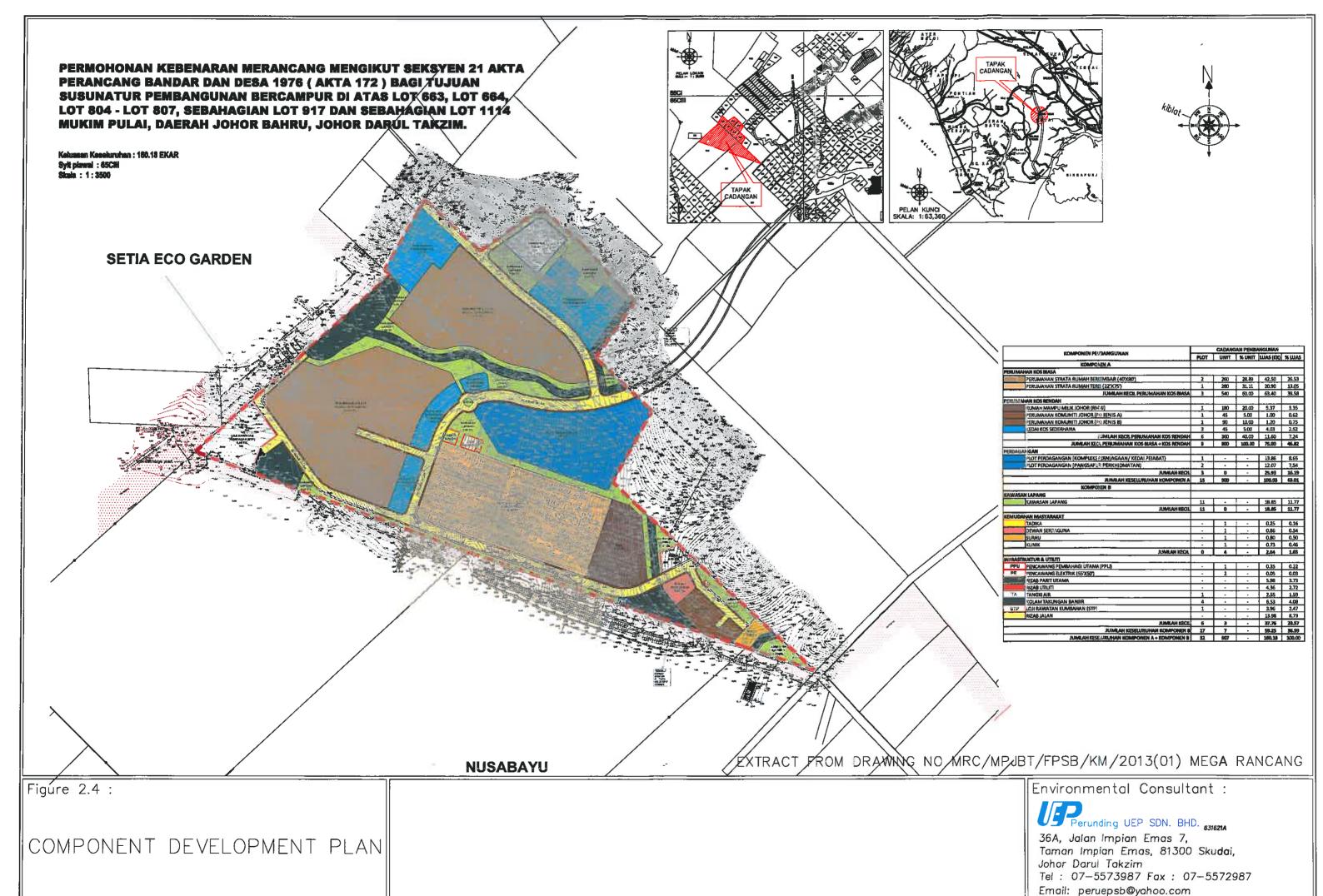
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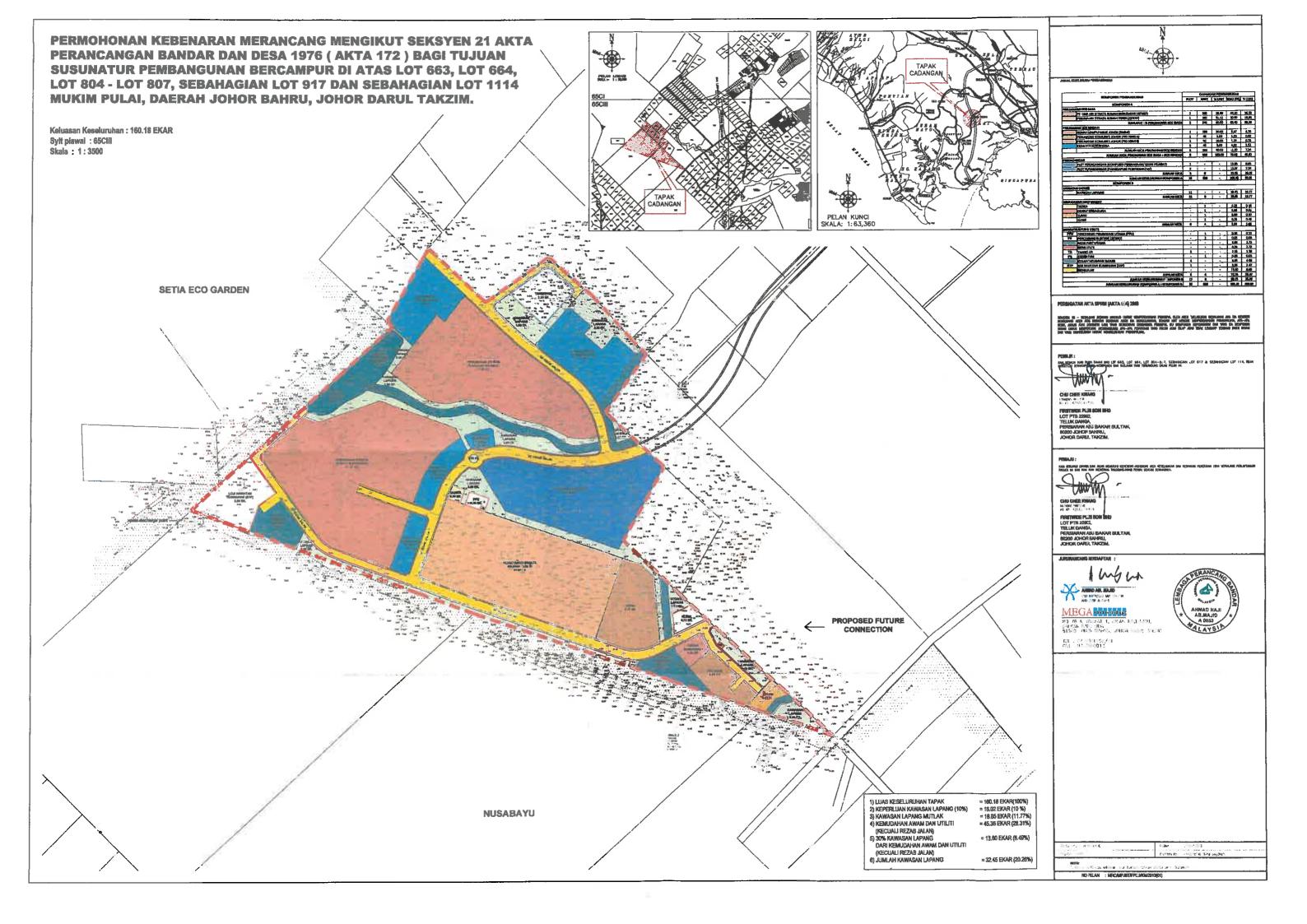
e) Infrastructure & Utilities Development

Total number of facilities development involves an area of 37.76 acres (23.57%). Provision of infrastructure is comprises of:

- Water tank
- Sewage Treatment Plan
- Drainage Reserve
- Detention Pond
- Road Reserve
- PMU
- PPU



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2.6 PROJECT ABANDONMENT

The project has been designed for the mixed development (housing and commercial) as specified in the previous chapter. As the project is expected to operate in perpetuity, project abandonment during construction or operation phase is most likely not to occur within the foreseeable future.

However, if there is a considerable downturn in the economy, the construction of the development will cease and the labour force will be retrenched. The worst scenario is that the site will be totally abandoned leaving neglected structures and overgrows vegetation, which will be detrimental to the aesthetics of the area. If in any case the project proponent decided not to proceed with the development, it must be done at the earliest stages. This is to ensure that no damages are done to the existing environment. Any abandonment after the commencement of the project will leave serious or negatives impacts on the environment.

2.7 IMPLEMENTATION SCHEDULE

The project proponent has yet to determine the implementation schedule of the overall project. Determination of the project schedule also depends on market conditions, financial options available, etc. Overall proposed development divided into **2 phases**. It is proposed that the overall proposed development will be developed within estimation **9 years**. (Refer Figure **2.5**: Development Plan by Phase). It must be reiterated that this is a tentative proposal by the EIA consultant and the project proponent has the right to alter the schedule of the project as deemed fit.



